

**Graduate Council Agenda**  
September 17, 2015  
Library 6<sup>th</sup> Floor Conference Room 603

Present:

Members: McKay, Schmidt, Green, Fowler, Bowser, Kemp, Mello, Drake, Owen (proxy for Schack-Clark), Umansky (who is a member and was also proxy for Traylor), Koizumi, Holman, Carothers, Okechukwu  
Ex officio: Sustich, DeProw, Blankenship (proxy for Finch)  
Guest: Gilbert

Meeting called to order at 3:05 by Sustich. Green nominated Drake as Chair. Kemp seconded. Motion approved. Drake, although visibly stunned by this turn of events, nonetheless managed to take over and run the meeting.

**1. Minutes from April 24, 2015 Graduate Council meeting** **Approved**

**2. Requests for Bulletin Changes**

**Bulletin Change Transmittal Form**

COUN 6123 Change Course Title  
MSN Clarification of 'B' Requirement for Progression  
PSY 5753 Change Course Prefix to COUN 5753  
PSY 6113 Change Course Prefix and Title to COUN 6113  
PSY 6563 Change Course Prefix to COUN 6563  
PSY 7103 Change Course Prefix to COUN 7103  
PT 7832 Change Course Title  
PT 8163 8263 8585 8685 Renumbering Required for Clinical Education

Owen moved that all the bulletin changes be considered as a group. Fowler seconded.  
Fowler moved to approve, Schmidt seconded, motion **passed unanimously**.

**New/Special Course Proposal - Bulletin Change Transmittal Form**

COUN 6133 Schmidt **moved to table for more information**. McKay second.  
Passed unanimously.  
COUN 6293 Fowler moved to **pass subject to revision of the assessment language**. Owen second. Passed unanimously.  
COUN 6573 Fowler moved to **pass subject to revision of the assessment language**. Owen second. Passed unanimously.  
MCOM 6033 Schmidt moved to **pass subject to revision of assessment language and revision of the title to meet the needs of Banner**. McKay second.  
Passed unanimously.

**Program and/or Course Deletion Proposal – Bulletin Change Transmittal Form**

OTD 5034 Schmidt moved to approve. McKay second. **Passed unanimously**.

### 3. Requests for Regular Graduate Faculty Status

#### Agriculture and Technology

David Agnew  
Paul Armah  
Donald Kennedy  
Greg Phillips  
Kim Pittcock  
Calvin Shumway

Fowler moved to approve all the Ag and Tech renewals. Kemp second. **Passed unanimously.**

#### Education & Behavioral Science

Irina Khramtsova

Schmidt moved to approve. McKay second. **Passed unanimously.**

#### Fine Arts

Joe Bonner  
Kenneth Carroll  
Dale Miller  
Daniel Ross

Schmidt moved to approve all the Fine Arts renewals as a group. McKay second. **Passed unanimously.**

#### Humanities and Social Sciences

Cherisse Jones Branch  
Mary Donaghy  
Erik Gilbert  
Joseph Key

Gilbert withdrew from the room while the HSS renewals were being considered. Fowler moved that **Branch, Gilbert, and Key be approved**. Mello second. Passed unanimously. The GC advises that **Donaghy should apply for temporary grad faculty status**.

#### Nursing & Health Professions

Rick Neeley  
Mike McDaniel

McKay moved that the **Neely's request for renewal be approved** and that **McDaniel's be returned for further information**. Boweser second. Passed unanimously.

#### Sciences & Mathematics

Mark Draganjac  
Edward Hammerand  
Debra Ingram  
Jeffrey Jenness  
Hai Jiang  
William Paulsen  
Hung-Chi Su

Koizumi moved to **approve all the S&M requests for renewal**. McKay second. Passed unanimously.

#### 4. Requests for Temporary Graduate Faculty Status

Fine Arts

Bethania Baray

Humanities & Social Sciences

William Maynard

Media & Communication

Daniel Usera

Nursing & Health Professions

Casey Bush

La Toya Green

Andy Shatley

Sciences & Mathematics

Seo-eun Choi

Suzanne Melescue

Owen moved to **approve all the request for temporary grad faculty status with the expectation of Baray, which is to be retuned with further information**. Second Fowler. Passed unanimously.

#### 5. Requests To Serve on Thesis or Dissertation Advisory Committee

Amanda Demopoulos

**Form was filled out incorrectly. Returned for more information.**

#### 6. Graduate Faculty Qualification Standards/Guidelines

Sciences and Mathematics

Computer Science (Revised after being tabled in April 24, 2015 GC Meeting)

Mathematics (Revised after being tabled in April 24, 2015 GC Meeting)

**Moved to approve** Schmidt. McKay second. Passed unanimously. This vote took place out of sequence, because the committee thought it best to consider these before looking at the requests for renewal of regular graduate faculty status from these two departments.

#### 7. Discussion Topic

- GA Policies Draft (**Future Bulletin Change**)
- Reconsider DPEM (Separating 3 options in Final Project) passed in 2/27/15 GC Mtg  
(**Bulletin Change to correct is expected in future meeting**)
- New Bulletin/Banner Change Forms

#### 8. Notice of Activity Since Last Meeting

- Sent the following to the Registrar's Office (in May 2015) with amendments:  
**DNP and MSN Editorial Changes** (Amended with Revisions Requested in November 2014 GC Mtg)

**EE 5354 New Course Proposal** (Amended with Revisions Requested in April 2015 GC Mtg)

**MCOM 6303 New Course Proposal** (Amended with Revisions Requested in Jan 2015 GC Mtg)

**ME 5503 Bulletin Change Form** (Amended with Revisions Requested in Jan 2015 GC Meeting)

**ME 5613 Bulletin Change Form** (Amended with Revisions Requested in Jan 2015 GC Meeting)

**POSC 5323 New Course Proposal** (Amended with Revisions Requested in Oct 2014 GC Meeting)

- The following two New Course Proposals were passed by email vote on August 7, 2015 and are now being modified by Registrar's Office, **with Box 6 = Yes**  
**OTD 6223 New Course Proposal being modified to OTD 7113**  
**OTD 6244 New Course Proposal being modified to OTD 7213**
- Next month, the Registrar's Office will create the cross listing of **OTD 7224** with **PT 7224**
- The **FI Grade Proposal** was forwarded to Shared Governance (Jeff Pittman) on 05/15/15.
- The Registrar's Office asked that the original New Course Proposal EE 5393 that was approved in the April 24, 2015 Graduate Council Meeting , be amended to Course Number EE 5743 since it is dual-listed with the undergraduate course EE 4743 built earlier this year.
- Letter of Notification 13S      **Master of Engineering Management**

Meeting adjourned by Drake at 4:30.

**September 17, 2015 GC Meeting Proxy Notification**  
**(as of 09/17/15)**

Serving as Proxy

Dr. Ed Owen (for Dr. Lauren Schack Clark)  
Dr. Lauri Umansky (for Dr. Deborah Chappel Traylor)  
Jesse Blankenship (for Tracy Finch)

**Graduate Council Minutes**  
Friday, April 24, 2015 at 1:00 pm  
Library 6<sup>th</sup> Floor Conference Room 603

Present: Gil Fowler, Tanja McKay, Debbie Traylor, Will McLean, Russ Jones, Brandon Kemp, Lauren Schack Clark, Al Ontko, Steve Bounds, Shawn Drake, Steve Green, Angie Schmidt.

Ex Officio: Andy Sustich

Guests: Erik Gilbert, Pam Heath

Will McLean called the meeting to order at 1:02.

1. **Minutes from March 20, 2015 Graduate Council meeting**  
Motion to approve Jones, Second Fowler. **Passed unanimously.**
2. **Requests for Bulletin Changes**  
**Bulletin Change Transmittal Form**

Bounds moved that all the items in this section be considered as a group. Seconded by McKay. **Passed unanimously.**

Traylor moved that they all be approved, seconded by Bounds. **Passed unanimously, with the caveat that MBA Minimum GPA for Internship needs a more detailed explanation of where the changes are to be made in the bulletin.**

EE 5303 Title Change  
EE 5344 Title Change  
ENG 5333 Description Change  
ENG 6133 Title Change  
ENG 6263 Description Change  
ENG 6283 Description Change  
ENG Grad Course Titles (Eliminate 'Seminar')  
MAcc Accelerated Program  
MAcc Course changes  
MAcc/MBA Candidacy Legacy References Deleted  
MBA Managerial Work Experience to Replace Minimum GPA Requirements  
MBA Minimum GPA for Internship  
Removal of Candidacy References in Master's Programs  
SCCT Reference Removal from COB  
SCOM/MCOM Prefix Change to CMAC

**New/Special Course Proposal - Bulletin Change Transmittal Form**

ACCT 5023

Jones moved that ACCT 5023 be considered and passed in tandem with the deletion of ACCT 6033. Seconded by Green. **Passed unanimously.**

ACCT 5173

Moved to approve, Jones, second Green. **Passed unanimously.**

EE 5343  
EE 5354  
EE 5393

Moved to approve all three EE course proposals, Kemp, second Green. **Passed unanimously with the requirement that EE 5354 expand its syllabus from 11 weeks to the customary 14 weeks.**

ENG 6712

Moved to approve, Jones, second Bounds, **Passed unanimously.**

MCOM 671V

Moved to approve Jones, second Traylor, **Passed unanimously.**

**Program and/or Course Deletion Proposal – Bulletin Change Transmittal Form**  
ACCT 6033 (see ACCT 5023 above)

AGEC 5173

Moved to approve, Jones, second Bounds, **Passed unanimously.**

ENG 6153

ENG 6173

ENG 6213

Jones moved to approve all the ENG deletions as a group. Second Traylor. **Passed unanimously.**

**3. Requests for Regular Graduate Faculty**

**Agriculture & Technology**

Bert Greenwalt

Traylor moved to approve, second Fowler, **Passed unanimously.**

Elizabeth Hood

Jones moved to approve, McKay second, **Passed unanimously.**

Tina Teague

Moved to approve, Ontko, second Traylor, **Passed unanimously.**

**Engineering**

Robert Engelken

Moved to approve, Green, second, Bounds. **Passed unanimously.**

**Sciences & Mathematics**

Jerry Farris

Moved to approve, McKay, second Ontko, **Passed unanimously.**

**4. Requests for Temporary Graduate Faculty Status**

**Education & Behavioral Science**

Patrick Peck (amended, as requested, with clarification)

Move to approve, Bounds, second, Schmidt, **Approved unanimously.**

**Engineering**

Andrew Braham

Joan Burcham

Shivan Haran

Paul Mixon

Ontko moved to approved all requests for temporary grad faculty status from Engineering as a group, second Bounds. **Passed unanimously.**

## **5. Graduate Faculty Qualifications Standards/Guidelines**

Sciences and Mathematics

Computer Science

Mathematics

Moved to table, Green, second Bounds, **Passed unanimously.**

## **6. Discussion Topics**

- **FI Grade Shared Governance Proposal**  
Fowler moved that this be entered into the shared governance process, second Jones, **Passed unanimously.**
- A new form, "**Request to Serve on Thesis or Dissertation Advisory Committee**" can be found under Resources-Faculty Forms, on the Graduate School website.
- Registrar's Office has now processed the approved new short name for **VOED 5533** as METH ORG TEACHING CAREER to match the undergraduate name.
- Registrar's Office is **deleting the ELSE 6153** proposal (originally submitted in November 2014 GC Meeting) due to ELSE 6013 already existing in Banner with same course name. They will update ELSE 6013 with the new course description.
- Sending the following to the Registrar's Office with amendments:  
**MSE Sp Ed Instr Spec K-12** (with Required Revisions Requested in November 20, 2014 GC Mtg, along with the related course proposals {ELSE 6163 & ELSE 6183} reviewed in that meeting)

Please note that the following amended proposals were sent to Chris, in Academic Affairs and Jesse, in Registrar's office, along with the proposals approved in this April 2015 Graduate Council Meeting.  
(See the September 2015 GC Agenda/Minutes for details under Discussion Topics):

Amended DNP and MSN Bulletin Change (Revisions Requested in November 2014 GC Meeting)  
Amended EE 5354 New Course Proposal (Revisions Requested in April 2015 GC Meeting)  
Amended MCOM 6303 New Course Proposal (Revisions Requested in January 2015 GC Meeting)  
Amended ME 5503 Bulletin Change Form (Revisions Requested in January 2015 GC Meeting)  
Amended ME 5613 Bulletin Change Form (Revisions Requested in January 2015 GC Meeting)  
Amended POSC 5323 New Course Proposal (Revisions Requested in October 2014 GC Meeting)

APR 23 2015

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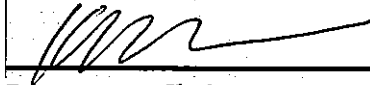
## Bulletin Change Transmittal Form

☐ Undergraduate Curriculum Council - Print 1 copy for signatures and save 1 electronic copy.☒ Graduate Council - Print 1 copy for signatures and send 1 electronic copy to [pheath@astate.edu](mailto:pheath@astate.edu)**Bulletin Change**

Please attach a copy of all catalogue pages requiring editorial changes.

 3/31/15  
ENTER DATE...  
Department Curriculum Committee Chair


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COPE Chair (if applicable)

 3-31-15  
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Department Chair:

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 4-22-15  
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College Dean

 9-30-15  
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Graduate Curriculum Committee Chair

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ENTER DATE...  
Vice Chancellor for Academic Affairs

**1.Contact Person** (Name, Email Address, Phone Number)Patrick Peck, Ed.D.; [plpeck@astate.edu](mailto:plpeck@astate.edu); 972-3064**2.Proposed Change**

Change course title of COUN 6123 Group Dynamics to COUN 6123 Group Counseling.

**3.Effective Date**

Fall 2015

**4.Justification**

Course is taught by counselor education faculty specifically for counselors and should be changed to represent course content, intent, and encourage professional identity among students taking the course.



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**CHANGE THIS ON PAGE 155**

**COUN 6123 Group Dynamics** A study of the principles of group dynamics; group leadership styles; applications of helping relationship theories in group settings; group counseling methods and skills; and other group approaches. Prerequisite: PSY 6113.

**TO THIS ON PAGE 155**

**COUN 6123 Group Counseling** A study of the principles of group dynamics; group leadership styles; applications of helping relationship theories in group settings; group counseling methods and skills; and other group approaches. Prerequisite: COUN 6113.

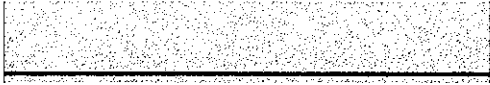
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### Bulletin Change

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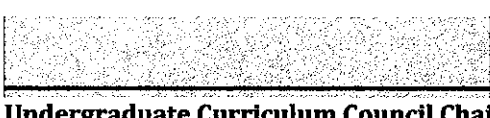
 9/8/15  
 ENTER DATE...  
**Department Curriculum Committee Chair**

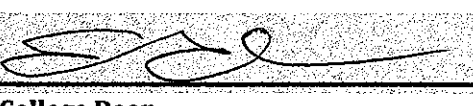
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**COPE Chair (if applicable)**

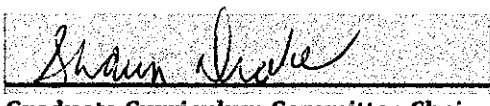
 9/8/15  
 ENTER DATE...  
**Department Chair:**

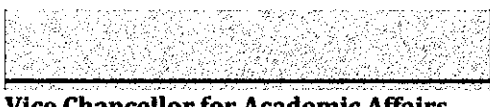
 ENTER DATE...  
**General Education Committee Chair (If applicable)**

 9/8/15  
 ENTER DATE...  
**College Curriculum Committee Chair**

 ENTER DATE...  
**Undergraduate Curriculum Council Chair**

 9/8/15  
 ENTER DATE...  
**College Dean**

 7/30/15  
 ENTER DATE...  
**Graduate Curriculum Committee Chair**

 ENTER DATE...  
**Vice Chancellor for Academic Affairs**

### 1. Contact Person (Name, Email Address, Phone Number)

Dr. Angela Schmidt [aschmidt@astate.edu](mailto:aschmidt@astate.edu) 972-3074

### 2. Proposed Change

Clarification of "B" requirement for progression in the MSN Program(s) as stated in the Graduate Information Guide (GIG)

### 3. Effective Date

Continued/ no change

### 4. Justification

Minimum of "B" requirement as evidence of mastery of each course before progression and graduation.

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### **MASTER OF SCIENCE IN NURSING (M.S.N.) DEGREE**

The M.S.N. program prepares nurses with the complex practice skills and theoretical knowledge necessary for advanced nursing practice in the contemporary health care system. Graduate study in nursing is the basis for professional growth in advanced practice roles and the foundation for doctoral study in nursing.

The Master of Science in Nursing Program is accredited by the Accreditation Commission for Education in Nursing (ACEN) (3343 Peachtree Road NE, Suite 850 Atlanta, Georgia 30326, Telephone 404-975-5000, Fax 404-975-5020).

The program is designed for individuals who hold the Bachelor of Science in Nursing degree. Students who have successfully completed the B.S.N. can apply for the program. A Graduate Information Guide (GIG) is available that explains policies and requirements unique to the graduate nursing program. All students on admission are required to attend orientation

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to the MSN program. All MSN students are required to earn a minimum of "B" in all courses before progression in the curriculum

MSN students are required to successfully complete a comprehensive exam or thesis (with a minimum of 6 credit hours) during their plan of study. Students selecting thesis must be continuously enrolled in thesis credits until graduation. Students considering doctoral education are strongly encouraged to select the thesis option.




### **Admission Requirements**

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ENTER DATE...  
Department Chair:  
  
ENTER DATE...  
General Education Committee Chair (If applicable)  
4-17-15  
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College Curriculum Committee Chair  
  
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Undergraduate Curriculum Council Chair  
9-22-15  
ENTER DATE...  
College Dean  
9-30-15  
ENTER DATE...  
Graduate Curriculum Committee Chair  
  
ENTER DATE...  
Vice Chancellor for Academic Affairs**1. Contact Person** (Name, Email Address, Phone Number)Patrick Peck, Ed.D.; [plpeck@astate.edu](mailto:plpeck@astate.edu); 972-3064**2. Proposed Change**

Change course prefix of PSY 5753 Introduction to Rehabilitation Counseling to COUN 5753 Introduction to Rehabilitation Counseling.

**3. Effective Date**

Fall 2015

**4. Justification**

Course is taught by counselor education faculty specifically for counselors and should be changed to represent course content, intent, and encourage professional identity among students taking the course.

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**~~CHANGE THIS ON PAGE 158~~**

**~~PSY 5753 Introduction to Rehabilitation Counseling~~** ~~An overview of the profession of rehabilitation counseling which is a systematic process that assists persons with physical, mental, developmental, cognitive, and emotional disabilities to achieve their personal, career, and independent living goals in the most integrated setting possible through the application of the counseling process. This course must be taken at the graduate level for it to apply towards counselor licensure and certification.~~

**TO THIS ON PAGE 154**







**COUN 5753 Introduction to Rehabilitation Counseling** An overview of the profession of rehabilitation counseling which is a systematic process that assists persons with physical, mental, developmental, cognitive, and emotional disabilities to achieve their personal, career, and independent living goals in the most integrated setting possible through the application of the counseling process.

APR 23 2015

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Vice Chancellor for Academic Affairs**1.Contact Person** (Name, Email Address, Phone Number)Patrick Peck, Ed.D.; [plpeck@astate.edu](mailto:plpeck@astate.edu); 972-3064**2.Proposed Change**

Change course prefix and title of PSY 6113 Theories and Techniques in Helping Relationships to COUN 6113 Theories and Techniques in Counseling. The course will be cross listed as PSY 6113 Theories and Techniques in Counseling.

**3.Effective Date**

Fall 2015

**4.Justification**

Course is taught by counselor education faculty specifically for counselors and should be changed to represent course content, intent, and encourage professional identity among students taking the course. This course is foundational to a vast array of other counseling courses and should represent the professional identity of the majority of students that it represents. School

Psychology students take the course as well and it will continue to include content and examples that could be utilized by School Psychology students. Therefore, we request that the course be cross listed for both counseling and psychology.

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**CHANGE THIS ON PAGE 158**

**~~PSY 6113 Theories and Techniques in Helping Relationships~~**

**PSY 6113 Theories and Techniques in Counseling** An examination of contemporary and alternative counseling theories that provide the student with models to conceptualize client presentation and that help the student select appropriate counseling interventions. Models of counseling are consistent with current professional research and practice so to allow students to develop a personal model of counseling. Prerequisite: The student must be admitted into an appropriate graduate psychology or counseling program. Permission of the instructor required.

**ADD THIS ON PAGE 154**

**COUN 6113 Theories and Techniques in Counseling** An examination of contemporary and alternative counseling theories that provide the student with models to conceptualize client presentation and that help the student select appropriate counseling interventions. Models of counseling are consistent with current professional research and practice so to allow students to develop a personal model of counseling. Prerequisite: The student must be admitted into an appropriate graduate psychology or counseling program. Permission of the instructor required.

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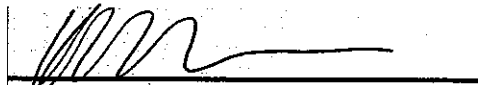
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ENTER DATE...  
Graduate Curriculum Committee Chair

\_\_\_\_\_  
ENTER DATE...  
Vice Chancellor for Academic Affairs

**1. Contact Person** (Name, Email Address, Phone Number)Patrick Peck, Ed.D.; [plpeck@astate.edu](mailto:plpeck@astate.edu); 972-3064**2. Proposed Change**

Change course prefix of PSY 6563 Psychosocial Aspects of Disability to COUN 6563 Psychosocial Aspects of Disability.

**3. Effective Date**

Fall 2015

**4. Justification**

Course is taught by counselor education faculty specifically for counselors and should be changed to represent course content, intent, and encourage professional identity among students taking the course.



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10. For deletions, strike through the text, change the font color, and enlarge the font size. Make it noticeable.

~~CHANGE THIS ON PAGE 158~~

~~**PSY 6563 Psychosocial Aspects of Disability** A study of the adjustment and adaptation process with both congenital and acquired chronic illness and disability This course focuses on a holistic treatment perspective which includes, but is not limited to: medical, physical, psychological, spiritual, emotional, social and vocational aspects.~~

~~TO THIS ON PAGE 157~~

**COUN 6563 Psychosocial Aspects of Disability** A study of the adjustment and adaptation process with both congenital and acquired chronic illness and disability This course focuses on a holistic treatment perspective which includes, but is not limited to: medical, physical, psychological, spiritual, emotional, social and vocational aspects.

Code # | Enter text...

## Bulletin Change Transmittal Form

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☒ Graduate Council - Print 1 copy for signatures and send 1 electronic copy to [pheath@astate.edu](mailto:pheath@astate.edu)

### Bulletin Change

Please attach a copy of all catalogue pages requiring editorial changes.

 3/31/15  
ENTER DATE...  
Department Curriculum Committee Chair


\_\_\_\_\_  
ENTER DATE...  
COPE Chair (if applicable)

 3-31-15  
ENTER DATE...  
Department Chair:

\_\_\_\_\_  
ENTER DATE...  
General Education Committee Chair (If applicable)

 4-17-15  
ENTER DATE...  
College Curriculum Committee Chair

\_\_\_\_\_  
ENTER DATE...  
Undergraduate Curriculum Council Chair

 4-22-15  
ENTER DATE...  
College Dean

 9-30-15  
ENTER DATE...  
Graduate Curriculum Committee Chair

\_\_\_\_\_  
ENTER DATE...  
Vice Chancellor for Academic Affairs

### 1.Contact Person (Name, Email Address, Phone Number)

Patrick Peck, Ed.D.; [plpeck@astate.edu](mailto:plpeck@astate.edu); 972-3064

### 2.Proposed Change

Change course prefix of PSY 7103 Advanced Theories of Counseling to COUN 7103 Advanced Theories of Counseling.

### 3.Effective Date

Fall 2015

### 4.Justification

Course is taught by counselor education faculty specifically for counselors and should be changed to represent course content, intent, and encourage professional identity among students taking the course.

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10. For deletions, strike through the text, change the font color, and enlarge the font size. Make it noticeable.

**CHANGE THIS ON PAGE 159**

**~~PSY 7103 Advanced Counseling Theories~~** ~~A study of counseling theories, with emphasis on the student developing a personal counseling approach~~ ~~Prerequisite: permission of professor.~~

**TO THIS ON PAGE 157**

**PSY 7103 Advanced Counseling Theories** A study of counseling theories, with emphasis on the student developing a personal counseling approach Prerequisite: permission of professor.

Code # [Enter text...]

## Bulletin Change Transmittal Form

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### Bulletin Change

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Shawn Drake | 9-4-15 |  
ENTER DATE...

Department Curriculum Committee Chair

| |  
ENTER DATE...

COPE Chair (if applicable)

Shawn Drake | 9-4-15 |  
ENTER DATE...

Department Chair:

| |  
ENTER DATE...

General Education Committee Chair (If applicable)

[Signature] | 9-4-15 |  
ENTER DATE...

College Curriculum Committee Chair

| |  
ENTER DATE...

Undergraduate Curriculum Council Chair

[Signature] | 9-30-15 |  
ENTER DATE...

College Dean

Shawn Drake | 9-30-15 |  
ENTER DATE...

Graduate Curriculum Committee Chair

| |  
ENTER DATE...

Vice Chancellor for Academic Affairs

### 1. Contact Person (Name, Email Address, Phone Number)

Shawn Drake, PT, PhD  
sdrake@astate.edu  
870-972-2667

### 2. Proposed Change

Change the title of PT7832 Clinical Education II to PT 7832 Healthy Agers IPE. Change course description to reflect the interprofessional, service- learning component. New course description is:

An interprofessional, service learning approach to enhance student learning in the area of geriatrics. Restricted to Doctor of Physical

In addition, change the course grading to Pass/Fail.

### **3. Effective Date**

1/1/2016

### **4. Justification**

Clinical Education II is an on-campus, interprofessional, part-time clinical. Because this is not a full-time clinical education course, the title should be changed to reflect the difference between the part-time, on campus clinical, and a full-time clinical education course taught in the clinic under the direction of a clinical instructor. Additionally, because of the nature of the course, all students must meet all physical therapy skill requirements in order to pass the class. For this reason, the course grade should be a Pass/ Fail grade.

---

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From Page 217:

Spring Year 1

PT 7314 Exercise Physiology

PT 7123 Intro to Research and Evidence Based Practice

PT 7224 Neuroscience

PT 8245 Musculoskeletal 1

PT 7243 Integumentary

Summer Year 1

PT 7733 Clinical Education 1

Fall Year 2

PT 7612 Methods of Instruction & Consultation

PT 7251 Pharmacology for the Physical Therapists

PT 7413 Pathophysiology & Differential Diagnosis

PT 8352 Health & Wellness

PT 7141 Research 1

PT 8143 Neuromuscular 1

PT 7444 Cardiopulmonary

PT 8272 Professional Issues in PT 2

Spring Year 2

PT 8151 Research 2

PT 8653 Neuromuscular 2

PT 8754 Neuromuscular 3

PT 7832 ~~Clinical Education 2~~ Healthy Ager IPE

P T 8255 Musculoskeletal 2

PT 7252 Psychosocial Issues

Summer Year 2

PT 8163 Clinical Education 3

PT 8263 Clinical Education 4

Fall Year 3

PT 8571 Research 3

PT 8674 Musculoskeletal 3

PT 8774 Neuromuscular 4

PT 8872 Clinical Decision Making

PT 8373 Special Topics in Physical Therapy

PT 7343 Administration

Spring Year 3

PT 8585 Clinical Education 5

PT 8685 Clinical Education 6

PT 818V Independent Study & Culminating Experience

All students in the Graduate Program in Physical Therapy at ASU must pass a comprehensive examination prior to beginning the final clinical internships in the Spring of Year 3.

Progression to these clinical internships can be delayed or denied if a passing grade for the comprehensive examination is not achieved.

Minimum hours required for this program: 108

From Page 244

diagnosis and basic pharmacological principles for a variety of pathologies. Restricted to Doctor of Physical Therapy majors.

PT 7444 Cardiopulmonary Addresses the physical therapy of management cardiopulmonary dysfunction, with emphasis on pathologies, impairments, functional limitations, and disabilities associated with the dysfunctions, and the development of a systematic approach to examination, evaluation, diagnosis, prognosis, and intervention. Restricted to Doctor of Physical Therapy majors.

PT 7511 Professional Issues I: Introduction to DPT Practice Introduces the Guide to Physical Therapist Practice and the physical therapist examination process, clinical documentation, professional behaviors, leadership roles and legal regulations of the profession. Restricted to Doctor of Physical Therapy majors.

PT 7512 Professional Issues I: Introduction to DPT Practice Explores contemporary issues in physical therapy. Special emphasis is placed on ethical and legal dilemmas faced by physical therapists working in the clinical environment. Restricted to tDPT majors.

PT 7521. Fundamentals of Patient Care Introduction to fundamentals of physical therapy patient care including infection control, vital signs, passive range of motion, patient positioning, transfer training, wheelchair management, gait training, and documentation. Restricted to Doctor of Physical Therapy majors.

PT 7534 Clinical Procedures: Introductory Tests, Measures and Interventions

Tests and measures of range of motion, muscle performance, posture, gait & balance are introduced. The clinical intervention procedure introduced is therapeutic exercise covering basic principles and techniques of flexibility exercises; strength and power exercises; and aerobic exercises. Restricted to Doctor of Physical Therapy majors.

PT 7612 Methods of Instruction and Consultation This course addresses the role of the therapist as educator, with emphasis on principles and methods of effective instruction, feedback, and consultation along with the various forms of educational and instructional technologies. Restricted to Doctor of Physical Therapy majors.

PT 7623 Electrotherapy and Physical Agents Introduction to the theory and applications of thermal modalities and electrotherapy to human tissue. Indications, contraindications, and precautions for thermal modalities, and electrotherapy are covered. Clinical decision making and appropriate applications of the modalities are emphasized. Restricted

to Doctor of Physical Therapy majors.

PT 7733 Clinical Education I One of a series of supervised clinical education courses, which provides students an opportunity to integrate previously learned academic coursework into actual clinical practice, culminating with entry level performance at conclusion of all clinical education courses. Restricted to Doctor of Physical Therapy majors.

PT 7832 ~~Clinical Education II~~ Healthy Ager Interprofessional Education ~~One of a series of supervised clinical education~~

~~courses, which provides students an opportunity to integrate academic coursework into clinical practice in inter professional and non traditional settings.~~ An interprofessional, service learning approach to enhance student learning in the area of geriatrics. Restricted to Doctor of Physical

Therapy majors.

PT 8143 Neuromuscular I Theoretical foundations of neuromuscular rehabilitation including normal and abnormal movement, neuroplasticity, motor control, and motor learning. Basic treatment principles are introduced. Restricted to Doctor of Physical Therapy majors.

PT 8151 Research II The second of three mentored research courses designed to

Code # [Enter text..]

## Bulletin Change Transmittal Form

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☒ **Graduate Council** - Print 1 copy for signatures and send 1 electronic copy to [pheath@astate.edu](mailto:pheath@astate.edu)

### Bulletin Change

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Shawn Drake 9-4-15  
[ENTER DATE...]

Department Curriculum Committee Chair

[ENTER DATE...]

COPE Chair (if applicable)

Shawn Drake 9-4-15  
[ENTER DATE...]

Department Chair:

[ENTER DATE...]

General Education Committee Chair (If applicable)

[Signature] 9-4-15  
[ENTER DATE...]

College Curriculum Committee Chair

[ENTER DATE...]

Undergraduate Curriculum Council Chair

[Signature] 9-4-15  
[ENTER DATE...]

College Dean

Shawn Drake 9-30-15  
[ENTER DATE...]

Graduate Curriculum Committee Chair

[ENTER DATE...]

Vice Chancellor for Academic Affairs

### 1. Contact Person (Name, Email Address, Phone Number)

Shawn Drake, PT, PhD  
sdrake@astate.edu  
870-972-2667

### 2. Proposed Change

We have changed the title of PT 7832 Clinical Education 2 to Healthy Ager IPE. This will require Clinical Education 3, 4, 5, and 6 to be renumbered.

PT 8163 Clinical Education 3 → Clinical Education 2

PT 8263 Clinical Education 4 → Clinical Education 3

PT 8585 Clinical Education 5 → Clinical Education 4

PT 8685 Clinical Education 6 → Clinical Education 5



In addition, change the course grading to Pass/Fail.

### 3. Effective Date

1/1/2016

### 4. Justification

Re-sequence the course listing after changing the course title of PT 7832 Clinical Education 2 to Healthy Ager IPE.

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##### Summer Year 1

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##### Fall Year 2

PT 7612 Methods of Instruction & Consultation

PT 7251 Pharmacology for the Physical Therapists

PT 7413 Pathophysiology & Differential Diagnosis

PT 8352 Health & Wellness

PT 7141 Research 1

PT 8143 Neuromuscular 1

PT 7444 Cardiopulmonary

PT 8272 Professional Issues in PT 2

##### Spring Year 2

PT 8151 Research 2

PT 8653 Neuromuscular 2

PT 8754 Neuromuscular 3

PT 7832 ~~Clinical Education 2~~ Healthy Ager IPE

P T 8255 Musculoskeletal 2

PT 7252 Psychosocial Issues

Summer Year 2

PT 8163 Clinical Education ~~3~~II

PT 8263 Clinical Education ~~4~~III

Fall Year 3

PT 8571 Research 3

PT 8674 Musculoskeletal 3

PT 8774 Neuromuscular 4

PT 8872 Clinical Decision Making

PT 8373 Special Topics in Physical Therapy

PT 7343 Administration

Spring Year 3

PT 8585 Clinical Education ~~5~~IV

PT 8685 Clinical Education ~~6~~V

PT 818V Independent Study & Culminating Experience

All students in the Graduate Program in Physical Therapy at ASU must pass a comprehensive examination prior to beginning the final clinical internships in the Spring of Year 3.

Progression to these clinical internships can be delayed or denied if a passing grade for the comprehensive examination is not achieved.

Minimum hours required for this program: 108

From Page 245

projects related to the faculty advisor's area of knowledge and interest. Restricted to Doctor of Physical Therapy majors.

PT 8163 Clinical Education ~~III~~II One of a series of supervised clinical education courses, which provides students an opportunity to integrate previously learned academic coursework into actual clinical practice, culminating with entry level performance at conclusion of all clinical education courses. Restricted to Doctor of Physical Therapy majors.

PT 818V Independent Study and Culminating Experience This is an independent study that is designed to meet the individual needs of the student. The course work is designed on an individual basis. Restricted to Doctor of Physical Therapy majors.

PT 8245 Musculoskeletal I Management of musculoskeletal cases of the upper and lower extremities incorporating anatomy, biomechanics, pathology, clinical diagnosis, and intervention. Emphasis is on clinical decision making in all patient-therapist interaction. Education, prevention, ergonomics, pain management, and conditioning also covered. Restricted to Doctor of Physical Therapy majors.

PT 8255 Musculoskeletal II Management of musculoskeletal cases of the spine and TMJ incorporating anatomy, biomechanics, pathology, clinical diagnosis, and intervention. Emphasis is on clinical decision making in all patient-therapist interaction. Education, prevention, ergonomics, pain management, and conditioning also covered. Restricted to Doctor of Physical Therapy majors.

PT 8263 Clinical Education ~~IV~~III One of a series of supervised clinical education courses, which provides students an opportunity to integrate previously learned academic coursework into actual clinical practice, culminating with entry level performance at conclusion of all clinical education courses. Restricted to Doctor of Physical Therapy majors.

PT 8272 Professional Issues II Exploration of the roles of physical therapist in clinical practice and ethical and legal dilemmas faced by physical therapists; design of a professional development plan. Restricted to Doctor of Physical Therapy majors.

PT 8352 Health and Wellness This course covers wellness, fitness, prevention and health promotion from an interdisciplinary perspective. Students will be introduced to concepts of wellness that include physical, social, environmental, emotional, intellectual and spiritual components. Restricted to Doctor of Physical Therapy majors.

PT 8571 Research III The final research course designed to culminate in a project

suitable for presentation or publication. Restricted to Doctor of Physical Therapy majors.  
PT 8573 Special Topics in Physical Therapy This course provides the opportunity for students to gain knowledge and skills in advanced and specialty areas of physical therapy practice. Restricted to Doctor of Physical Therapy majors.

PT 8585 Clinical Education ~~V~~**IV** One of a series of supervised clinical education courses, which provides students an opportunity to integrate previously learned academic coursework into actual clinical practice, culminating with entry level performance at conclusion of all clinical education courses. Restricted to Doctor of Physical Therapy majors.

PT 8653 Neuromuscular II Examination, assessment and treatment planning for pediatric population with a broad spectrum of neurological conditions, including cerebral palsy, genetic disorder, etc. Restricted to Doctor of Physical Therapy majors.

From Page 246

PT 8674 Musculoskeletal III The terminal course in Musculoskeletal sequence. Intended to offer the student an opportunity to engage in an intensive and comprehensive immersion into the management of the patient with musculoskeletal dysfunction leading to effective clinical practice. Restricted to Doctor of Physical Therapy majors.

PT 8685 Clinical Education ~~V~~**IV** One of a series of supervised clinical education courses, which provides students an opportunity to integrate previously learned academic coursework into actual clinical practice, culminating with entry level performance at conclusion of all clinical education courses. Restricted to Doctor of Physical Therapy majors.

PT 8754 Neuromuscular III Management of neuromuscular conditions associated with upper motor neuron pathology. Focus will include physical therapy examination, evaluation, diagnosis, prognosis and treatment planning/strategies. Restricted to Doctor of Physical Therapy majors.

PT 8773 Neuromuscular IV Management of neuromuscular conditions associated with lower motor neuron pathology. Focus will include physical therapy examination, evaluation, diagnosis, prognosis and treatment planning/strategies. Restricted to Doctor of Physical Therapy majors.

PT 8872 Clinical Decision Making models for clinical reasoning and decision making; factors influencing clinical decisions; management of complex patient problems. Restricted to Doctor of Physical Therapy majors.


Code # Enter text...

**Program and/or Course Deletion Proposal-Bulletin Change Transmittal Form**☐ **Undergraduate Curriculum Council** - Print 1 copy for signatures and save 1 electronic copy.☒ **Graduate Council** - Print 1 copy for signatures and send 1 electronic copy to [pheath@astate.edu](mailto:pheath@astate.edu)**Program and/or Course Deletion**

Please complete the following and attach a copy of the catalogue page(s) showing what changes are necessary.

 8/11/15  
 \_\_\_\_\_ ENTER DATE...  
**Department Curriculum Committee Chair**

\_\_\_\_\_  
 \_\_\_\_\_ ENTER DATE...  
**COPE Chair (if applicable)**

 8/11/15  
 \_\_\_\_\_ ENTER DATE...  
**Department Chair:**

\_\_\_\_\_  
 \_\_\_\_\_ ENTER DATE...  
**General Education Committee Chair (If applicable)**

 8/11/15  
 \_\_\_\_\_ ENTER DATE...  
**College Curriculum Committee Chair**

\_\_\_\_\_  
 \_\_\_\_\_ ENTER DATE...  
**Undergraduate Curriculum Council Chair**

 8/11/15  
 \_\_\_\_\_ ENTER DATE...  
**College Dean**

\_\_\_\_\_  
 \_\_\_\_\_ ENTER DATE...  
**Graduate Curriculum Committee Chair**

\_\_\_\_\_  
 \_\_\_\_\_ ENTER DATE...  
**Vice Chancellor for Academic Affairs**

**1. Program and/or Course Title, Prefix and Number**

OTD 5034 Practice I Primary Care

**2. Contact Person (Name, Email Address, Phone Number)**

Dr. Tracy Morrison, Chair of Occupational Therapy  
 College of Nursing and Health Professions  
 PO Box 910  
 State University, AR 72467  
 870-972-3112

**3. Last semester student can graduate with this degree and/or last semester course will be offered**

Course will not be offered. Applies only to OTD students.

**4. Student Population**

a. The program and/or course was initially created for what student population?

Occupational Therapy Doctorate Students

b. How will deletion of this program and/or course affect those students?

Course will be replaced by one that more closely fits ACOTE accreditation guidelines: OTD 6223 Gross Anatomy.

5.

a. How will this affect the department?

No effect

b. Does this program and/or course affect another department? No

c. If yes, please provide contact information from the Dean, Department Head, and/ or Program Director whose area this affects.

Enter text...

6. (For courses only) Will another course be substituted? Yes

If yes, what course?

OTD – 6223 Gross Anatomy

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Paste bulletin pages here...

## Occupational Therapy Doctorate (OTD) Plan of Study

<b>Semester One - Fall - 2015</b>		
OTD 5012	History of Occupational Science	2 SH
OTD 5023	Pathology and Disability	3 SH
<del>OTD 5034</del>	<del>Practice 1: Primary Care</del>	<del>4 SH</del>
OTD 6223	Gross Anatomy	3 SH
OTD 5043	Technology 1: Skills Training	3 SH
OTD 5092	Research 1: Research in Occupational Science	2 SH
<del>PT 7213</del>	<del>Movement Science</del>	<del>3 SH</del>
OTD 6244	Movement Science	4 SH
		<b>Total: 17 SH</b>
<b>Semester Two – Spring 2016</b>		
OTD 5073	Practice 2: Occupational Science	3 SH
OTD 5083	Technology 2: Function	3 SH
OTD 5101	Level 1 Fieldwork: Adults	1 SH
OTD 5142	Research 2: Descriptive Research	2 SH
PT 7224	Neuroscience	4 SH
TBA	Elective 1 in cognate area	3 SH
		<b>Total: 16 SH</b>
<b>Semester Three – Summer 2016</b>		
OTD 5123	Practice 3: Pediatrics	3 SH
OTD 5133	Technology 3: Environment	3 SH
OTD 6182	Research 3: Experimental Research	2 SH
		<b>Total: 8 SH</b>
<b>Semester Four – Fall 2016</b>		
OTD 5151	Level 1 Fieldwork: Pediatrics	1 SH
OTD 6164	Practice 4: Aging Adults	4 SH
OTD 6173	Technology 4: Electronic Communications	3 SH
OTD 6191	Level 1 Fieldwork: Aging Adults	1 SH
OTD 6222	Research 4: Qualitative Research	2SH
TBA	Elective 2 in cognate area	3 SH
		<b>Total 14 SH</b>

## Occupational Therapy Doctorate (OTD) Plan of Study

<b>Semester Five – Spring 2017</b>		
OTD 6203	Practice 5: Health & Wellness	3SH
OTD 6213	Technology 5: Informatics	3SH
OTD 6231	Level 1 Fieldwork: Interprofessional Practice	1SH
OTD 6243	Professional Practice Seminar	3SH
TBA	Elective 3 in Cognate Area	3SH
		<b>Total 13 SH</b>
<b>Semester Six – Summer 2017</b>		
OTD 625V	Level 2 Fieldwork	<b>Total 12SH</b>
<b>Semester Seven, summer, Year 3 - 2017</b>		
OTD 720V	Level 2 Fieldwork	<b>Total 12SH</b>
<b>Semester Eight – Fall 2017</b>		
OTD 7213	Practice 6: Population Health	3SH
OTD 7222	Research 5: Scholarship of Application	2SH
OTD 7232	Advocacy & Leadership	2SH
OTD 7242	Program Development and Assessment	2SH
OTD 7252	Health Care Delivery	2SH
TBA	Elective 4 in cognate area	3SH
		<b>Total 14SH</b>
<b>Semester Nine – Spring 2018</b>		
OTD 726V	Level 3 Fieldwork: Doctoral Rotation (16 weeks)	12SH
OTD 7272	Capstone	2SH
		<b>Total 14SH</b>

**Total of 120 Credits**

***Department of Computer Science***

**Guidelines for Departmental and Program Graduate Faculty Qualification Standards**

Relevant passages from the Handbook are in roman type; issues that should be clarified in Departmental or Program Guidelines are in italics. Note that the Handbook sets a minimum expectation; programs may choose to exceed its standards.

**A. Regular Member**

**1. Qualifications**

A Regular Member of the Graduate Faculty must be a full-time faculty member with a terminal degree. In exceptional cases, unique experience, specialized training, and professional competence may substitute for a terminal degree. Regular Members must have documented evidence of an appropriate level of scholarly activity and continued participation in graduate education at the course, committee and program levels.

*Indicate what an appropriate terminal degree is for your program.*

***A Ph. D. degree***

*What are appropriate disciplines or fields for the terminal degree.*

***Computer Science, Computer Engineering, Mathematics, Applied Mathematics, Electronic Engineering.***

*The Handbook allows for "unique experience, specialized training and professional competence" to substitute for a terminal degree in exceptional circumstances. Does your program wish to leave open the exceptional cases option? If, so what would constitute an exceptional situation and how often might exceptional circumstances legitimately be invoked?*

**No.**



Indicate what your program considers an "appropriate level of scholarly activity."

***Applicants for Regular Member status should demonstrate an appropriate level of scholarly activity that indicates that the faculty member is an active participant in scholarship and sufficiently engaged in his or her field to work with graduate students. This may be documented with the following activities (over the previous six years for a renewal application):***

***(1) authored or co-authored as an intellectual lead a peer-reviewed scholarly article, book chapter, or conference paper in a publication affiliated with a major scholarly or professional organization, university press, or a recognized scholarly publisher; plus at least one of the following:***

***(2a) authored or co-authored a second peer-reviewed scholarly article, book chapter, or conference paper that satisfies the conditions in number 1; or***

***(2b) delivered two presentations to scholarly or professional conferences or meetings that are affiliated with recognized international, national, or state-level scholarly organizations or scholarly conferences sponsored by universities other than Arkansas State University; or***

***(2c) secured external funding at the state or national level from a peer-reviewed grant proposal. The grant will be reviewed and endorsed as relevant to graduate education by the members of the department's graduate faculty, the department PRT Committee, and the department chair.***

## **2. Appointment requirements and procedure**

Application must include evidence of professional activity related to graduate education such as research, publication, exhibition or performance, membership in professional organizations, participation in regional and national meetings, excellence in teaching and the applicant must meet the qualification standards of the program or department. An appointment is recommended by the department/program graduate faculty and chair (or program director in the case of interdisciplinary programs) and approved by the Graduate Council. Appointment is for up to a six year term at which time the faculty member may reapply; although individual programs, department, or colleges may choose to have shorter terms of appointment. Upon hire as a pre-tenure or tenured faculty member possessing a terminal degree in an appropriate discipline, an initial graduate faculty appointment will be made for up to a six year term. Upon promotion to associate or full professor, a graduate faculty appointment will be made or an existing appointment will be reset to a new term of up to six years.

*Does your program wish to use the Handbook's six year term, or would it prefer a shorter term?*

***The Department of Computer Science will use the Handbook's six year term.***

## **3. Privileges and responsibilities**

A Regular Member may teach graduate courses at any level, serve on the Graduate Council; direct research; and serve on thesis and dissertation committees for students pursuing masters, specialist and doctoral degrees. With the approval of the graduate program director and the Dean of the Graduate School, a Regular Member may chair thesis and dissertation committees for students pursuing masters, specialist and doctoral degrees. The Graduate School recommends that faculty who chair thesis and dissertation committees either have previous

experience on such committees or work with a mentor, a faculty member who has successfully chaired thesis or dissertation committees in the past.

## **B. Temporary Member**

### **1. Qualifications**

An individual with a terminal degree or documented knowledge and equivalent experience shall be eligible for appointment to the graduate faculty as a Temporary Member to teach specific courses and/or serve on committees over a specified time period.

### **2. Appointment requirements and procedure**

Application is through, or nomination is by the department/program graduate faculty or chair (or program director in the case of interdisciplinary programs). Recommendations must include specific qualifications as related to the course(s) to be taught or committee membership. An appointment is approved by the Graduate Dean for a specified time period. At the end of the specified time period, a Temporary Member of the Graduate Faculty may reapply.

*The maximum term for a Temporary Member of the Graduate Faculty in the Department of Computer Science is three years.*

### **3. Privileges and responsibilities**

A Temporary Member may teach graduate level courses at the masters, specialist and doctoral levels and serve on student committees. A Temporary Member appointment is only valid for the time frame specified and for the course(s) or activities approved on the application.

***Department of Mathematics and Statistics***

**Guidelines for Departmental and Program Graduate Faculty Qualification Standards**

Relevant passages from the Handbook are in roman type; issues that should be clarified in Departmental or Program Guidelines are in italics. Note that the Handbook sets a minimum expectation; programs may choose to exceed its standards.

**A. Regular Member**

**1. Qualifications**

A Regular Member of the Graduate Faculty must be a full-time faculty member with a terminal degree. In exceptional cases, unique experience, specialized training, and professional competence may substitute for a terminal degree. Regular Members must have documented evidence of an appropriate level of scholarly activity and continued participation in graduate education at the course, committee and program levels.

*Indicate what an appropriate terminal degree is for your program?*

***A Ph.D. degree***

*What are appropriate disciplines or fields for the terminal degree?*

***Mathematics, Applied Mathematics, Mathematics Education, and Statistics***

*The Handbook allows for "unique experience, specialized training and professional competence" to substitute for a terminal degree in exceptional circumstances. Does your program wish to leave open the exceptional cases option? If, so what would constitute an exceptional situation and how often might exceptional circumstances legitimately be invoked?*

**No.**

Indicate what your program considers an "appropriate level of scholarly activity."

**Applicants for Regular Member status should demonstrate an appropriate level of scholarly activity that indicates that the faculty member is an active participant in scholarship and sufficiently engaged in his or her field to work with graduate students. This may be documented with the following activities (over the previous six years for a renewal application):**

- (1) authored or co-authored as an intellectual lead a peer-reviewed scholarly article in a publication affiliated with a major scholarly or professional organization, university press, or a recognized scholarly publisher; plus at least one of the following:**
- (2a) authored or co-authored a second peer-reviewed scholarly article that satisfies the conditions in number 1; or**
- (2b) delivered two presentations to scholarly or professional conferences or meetings that are affiliated with recognized international, national, or state-level scholarly organizations or scholarly conferences sponsored by universities other than Arkansas State University; or**
- (2c) secured external funding at the state or national level from a peer-reviewed grant proposal. The grant will be reviewed and endorsed as relevant to graduate education by the members of the department's graduate faculty, the department PRT Committee, and the department chair.**

## **2. Appointment requirements and procedure**

Application must include evidence of professional activity related to graduate education such as research, publication, exhibition or performance, membership in professional organizations, participation in regional and national meetings, excellence in teaching and the applicant must meet the qualification standards of the program or department. An appointment is recommended by the department/program graduate faculty and chair (or program director in the case of interdisciplinary programs) and approved by the Graduate Council. Appointment is for up to a six year term at which time the faculty member may reapply; although individual programs, department, or colleges may choose to have shorter terms of appointment. Upon hire as a pre-tenure or tenured faculty member possessing a terminal degree in an appropriate discipline, an initial graduate faculty appointment will be made for up to a six year term. Upon promotion to associate or full professor, a graduate faculty appointment will be made or an existing appointment will be reset to a new term of up to six years.

*Does your program wish to use the Handbook's six year term, or would it prefer a shorter term?*

**The Department of Mathematics and Statistics will use the Handbook's six year term.**

## **3. Privileges and responsibilities**

A Regular Member may teach graduate courses at any level, serve on the Graduate Council; direct research; and serve on thesis and dissertation committees for students pursuing masters, specialist and doctoral degrees. With the approval of the graduate program director and the Dean of the Graduate School, a Regular Member may chair thesis and dissertation committees for students pursuing masters, specialist and doctoral degrees. The Graduate School recommends that faculty who chair thesis and dissertation committees either have previous

experience on such committees or work with a mentor, a faculty member who has successfully chaired thesis or dissertation committees in the past.

## **B. Temporary Member**

### **1. Qualifications**

An individual with a terminal degree or documented knowledge and equivalent experience shall be eligible for appointment to the graduate faculty as a Temporary Member to teach specific courses and/or serve on committees over a specified time period.

### **2. Appointment requirements and procedure**

Application is through, or nomination is by the department/program graduate faculty or chair (or program director in the case of interdisciplinary programs). Recommendations must include specific qualifications as related to the course(s) to be taught or committee membership. An appointment is approved by the Graduate Dean for a specified time period. At the end of the specified time period, a Temporary Member of the Graduate Faculty may reapply.

*The maximum term for a Temporary Member of the Graduate Faculty in the Department of Mathematics and Statistics is three years.*

### **3. Privileges and responsibilities**

A Temporary Member may teach graduate level courses at the masters, specialist and doctoral levels and serve on student committees. A Temporary Member appointment is only valid for the time frame specified and for the course(s) or activities approved on the application.



ARKANSAS STATE  
UNIVERSITY

Renewal Form  
for  
Regular Graduate Faculty Status

Name: David Agnew

Date: 21 May 2015

Program or Department in which the  
Applicant seeks renewal of  
Regular Graduate Faculty Status:

College of Agriculture and Technology

Signature of Originator:

Steven Green

Digitally signed by Steven Green  
DN: cn=Steven Green, o=Arkansas State University, ou=College of Agriculture  
and Technology, email=sgreen@astate.edu, c=US  
Date: 2015.05.21 12:38:41 -06'00'

Originator must be a department/program graduate faculty or chair (or program director in the case of interdisciplinary programs)  
Please sign, & click here to submit to Graduate Council for Review

From the Faculty Handbook:

**Qualifications**

Regular Member of the Graduate Faculty must be a full-time faculty member with a terminal degree. In exceptional cases, unique experience, specialized training and professional competence may substitute for a terminal degree. Regular Members must have documented evidence of an appropriate level of scholarly activity and continued participation in graduate education at the course, committee and program levels.

**Appointment Requirements and Procedure**

Application must include evidence of professional activity related to graduate education such as research, publication, exhibition or performance, membership in professional organizations, participation in regional and national meetings, excellence in teaching and the application must meet the qualification standards of the program or department. An appointment is recommended by the department/program graduate faculty and chair (or program director in the case of interdisciplinary programs) and approved by the Graduate Council.

**Do Not Type 'See CV'. Briefly List the Evidence of Compliance with  
Program Guidelines Completed Within the Last 6 Years.**

In the space provided, briefly describe how the applicant's scholarly or creative work in the last six years has met the program's particular expectations, as approved by the the Graduate Council (or using the Graduate Council's generic guidelines for programs that do not have Graduate Council approved guidelines) for regular graduate faculty :

(Please contact the Graduate School if you need a copy of your program/department Graduate Faculty guidelines.)

**Please attach a copy of applicant's CV to e-mail. Make sure that it is edited to include only activity from last six years to indicate how they met qualifications.**

Scholarly activity last 6 years:

1 peer reviewed publication  
1 non-peer reviewed publication  
5 presentations at national conferences  
Reviewer for journal and conference proceedings

☒ **Regular Graduate Faculty Status Renewed**

Appointment is for up to a six year term, at which time the faculty member may reapply. (Individual programs, departments, or colleges may choose to have shorter terms of appointment.)

☐ **Regular Graduate Faculty Status Not Renewed, see Explanation below**

Signature of  
Graduate Council Chair:

GC Chair: If approved by Graduate Council, please sign & click here to submit to Graduate School for Processing

# DAVID M. AGNEW

P.O. Box 1080  
Agricultural Education  
Arkansas State University  
State University, AR 72467  
Phone: (870) 972-2453  
Fax: (870) 972-3885  
email: [dagnew@astate.edu](mailto:dagnew@astate.edu)

---

## EDUCATION

- Ed.D. Agricultural & Extension Education, Mississippi State University.  
Support area, Agricultural Engineering. 1985
- M.Ed. Agricultural & Extension Education, Mississippi State University. 1982
- B.S. Agricultural Education, University of Tennessee-Martin. 1976

## SUMMARY OF PROFESSIONAL WORK EXPERIENCE IN HIGHER EDUCATION

- Arkansas State University – 1990 - Present
  - **Professor, Agricultural Education** (2009)
  - **Co-Director of Arkansas Food Land and People**, 2003 to Present
  - **Associate Professor, Agricultural Education**, 1998 to Present
  - **Assistant Professor, Agricultural Education**, August 1990 to 1998
- University of Nebraska-Lincoln – 1985 - 1990
  - **Extension Technologist**, Agronomy Department, Fall 1989 to Summer 1990.
  - **Associate Director of Special Projects**, Department of Agricultural Education, University of Nebraska, Summer 1985 to Summer 1989
- Montana State University -- **Visiting Lecturer**, Department of Agricultural and Industrial Education, 1984 to 1985

## REFEREED PUBLICATIONS

Powell, D. V., & Agnew, D. M. (2011). *Assessing agricultural literacy elements of project food land and people in K-5 using the food and fiber systems literacy standards*. Journal of Agricultural Education, 52(1), 155-170.

## NON-REFEREED PUBLICATIONS

Agnew, D.M. (2014). Securing the Future with Leadership Fundamentals Learned in FFA.” *Agricultural Education Magazine*, Volume 87(2).

## PRESENTATIONS, National Conferences

- 2009 Duncan, B. & Agnew, D.M. *The Effects of a Curriculum Intervention on Arkansas Students' Interests in Manufacturing as Measured by the Kuder Career Search Assessment*. **Poster** presented at the Career and Technical Education Research and Professional Development Conference, Nashville Tennessee, November 11, 2009.
- 2009 Duncan, B. & Agnew, D.M. *The Effects of a Curriculum Intervention on Arkansas Students' Interests in Manufacturing as Measured by the Kuder Career Search Assessment*. **Research Paper** presented at the Career and Technical Education Research and Professional Development Conference, Nashville Tennessee, November 11, 2009.
- 2009 Powell, D.V., Agnew, D. M. & McJunkin, M. *Changes in Agricultural Literacy in Third and Fifth Grade Using the Food, Land, and People Curriculum in Core Academic Classes*. Research presentation at the National Agricultural Education Research Meeting in Louisville Kentucky, May 20-22, 2009.
- 2009 Powell, D.V., Agnew, D. M. & McJunkin, M. *Changes in Agricultural Literacy in Third and Fifth Grade Using the Food, Land, and People Curriculum in Core Academic Classes*. **Invited** research presentation at the 20<sup>th</sup> Anniversary meeting of the National Food Land and People Conference, Louisville Kentucky, April, 2009.
- 2009 Akinyemi, O, M., von Fragstein, P., & Agnew, D.M. *The State of School Gardening Programs in Sustainable Development in Nigeria: Obstacles and Opportunities*. Presented at the Sixth Baden-Württemberg School Gardening Forum, organized by the Gartenakademie in Stuttgart, Germany, May 7, 2009.

## RESEARCH PROJECTS,

- 2014-2015 Farmer's Market Survey  
2010-present Leadership Expectations for College Students

## GRADUATE TECHING RESPONSIBILITIES and COURSE DEVELOP ACTIVITIES,

### Other courses taught during tenure at ASU (16 courses)

- VOED 6543 Administration and Supervision of Adult and Vocational Education -- online  
VOED 5583 Methods and Materials of Teaching the Adult -- online  
VOED 6573 Introduction to Research and Evaluation in Vocational Education -- online  
VOED 6513 History and Principles of Vocational Education -- online  
VOED 5533 Methods and Materials of Teaching Career Orientation  
Name changed in 2013 to Methods of Teaching Career Development -- online  
VOED 5513 Hands on Activities in Career Orientation -- online  
Name changed in 2014 to Activities for Teaching Career and College Readiness -- online  
VOED 5503 Foundations of Adult Education in Vocational Education -- online  
AE 5553 Practicum in Adult Education  
AE 5523 Psychology of the Adult -- online



# SCHOLARLY SERVICE,

Reviewer for Professional Publications or Research Conferences

My review assignments

ID▲▼	Title	Submission type	Assigned on▲▼	Due date▲▼
2015-09	Titles covered since some were never presented or published...	National AAAE	31 Jan 2015, 12:48pm	14 Feb 2015, 12:48pm
2014-08		Western Region	23 Apr 2014, 4:55pm	14 May 2014, 4:55pm
2014-02		Western Region	23 Apr 2014, 11:57am	14 May 2014, 11:57am
2014-07		National AAAE	10 Feb 2014, 12:00pm	3 Mar 2014, 12:00pm
2014-06		National AAAE	9 Feb 2014, 10:38pm	2 Mar 2014, 10:38pm
2013-06		Southern Region	17 Oct 2013, 11:40am	7 Nov 2013, 10:40am
2013-09		North Central Region	11 Jul 2013, 8:54pm	1 Aug 2013, 8:54pm
2013-04		Western Region	18 Jun 2013, 10:18am	9 Jul 2013, 10:18am
2013-02		National AAAE	26 Feb 2013, 6:40am	19 Mar 2013, 7:39am
2013-04		National AAAE	25 Feb 2013, 10:54am	18 Mar 2013, 11:54am
2012-04		Southern Region	24 Oct 2012, 8:26am	14 Nov 2012, 7:26am
2012-01		Southern Region	24 Oct 2012, 5:43am	14 Nov 2012, 4:43am
2012-02		National AAAE	8 Feb 2012, 2:15pm	29 Feb 2012, 2:15pm
2012-00		National AAAE	19 Jan 2012, 12:45am	9 Feb 2012, 12:45am
2012-02		National AAAE	19 Jan 2012, 12:06am	9 Feb 2012, 12:05am
2011-05		for Southern Region	28 Oct 2011, 10:48am	18 Nov 2011, 9:48am
2011-07		Southern Region	28 Oct 2011, 9:35am	18 Nov 2011, 8:35am
2010-06		National AAAE	1 Mar 2011, 9:03am	15 Mar 2011, 10:03am
2011-00		National AAAE	9 Feb 2011, 8:09am	2 Mar 2011, 8:09am
2011-01		National AAAE	8 Feb 2011, 4:21pm	1 Mar 2011, 4:21pm
2009-00		Western Region - Quantitative	6 Feb 2009, 3:52pm	20 Feb 2009, 3:52pm



ARKANSAS STATE  
UNIVERSITY

Renewal Form  
for  
Regular Graduate Faculty Status

Name: Paul Armah

Date: 20 May 2015

Program or Department in which the  
Applicant seeks renewal of  
Regular Graduate Faculty Status:

College of Agriculture and Technology

Signature of Originator:

Steven Green

Digitally signed by Steven Green  
DN: cn=Steven Green, o=Arkansas State University, ou=College of Agriculture  
and Technology, email=sgreen@astate.edu, c=US  
Date: 2015.05.20 10:02:00 -06'00'

Originator must be a department/program graduate faculty or chair (or program director in the case of interdisciplinary programs)  
Please sign, & click here to submit to Graduate Council for Review

From the Faculty Handbook:

**Qualifications**

*Regular Member of the Graduate Faculty must be a full-time faculty member with a terminal degree. In exceptional cases, unique experience, specialized training and professional competence may substitute for a terminal degree. Regular Members must have documented evidence of an appropriate level of scholarly activity and continued participation in graduate education at the course, committee and program levels.*

**Appointment Requirements and Procedure**

*Application must include evidence of professional activity related to graduate education such as research, publication, exhibition or performance, membership in professional organizations, participation in regional and national meetings, excellence in teaching and the application must meet the qualification standards of the program or department. An appointment is recommended by the department/program graduate faculty and chair (or program director in the case of interdisciplinary programs) and approved by the Graduate Council.*

**Do Not Type 'See CV'. Briefly List the Evidence of Compliance with  
Program Guidelines Completed Within the Last 6 Years.**

In the space provided, briefly describe how the applicant's scholarly or creative work in the last six years has met the program's particular expectations, as approved by the the Graduate Council (or using the Graduate Council's generic guidelines for programs that do not have Graduate Council approved guidelines) for regular graduate faculty:

Scholarly activity last 6 years:

- 1 peer reviewed publication
- 2 conference proceedings papers
- 1 technical report
- 9 presentations to learned forums
- 2 funded grants
- Grant review panelist

(Please contact the Graduate School if you need a copy of your program/department Graduate Faculty guidelines.)

**Please attach a copy of applicant's CV to e-mail. Make sure that it is edited to include only activity from last six years to indicate how they met qualifications.**

☒ **Regular Graduate Faculty Status Renewed**

Appointment is for up to a six year term, at which time the faculty member may reapply. (Individual programs, departments, or colleges may choose to have shorter terms of appointment.)

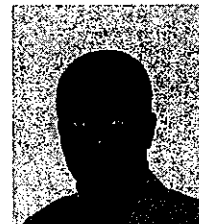
☐ **Regular Graduate Faculty Status Not Renewed, see Explanation below**

Signature of  
Graduate Council Chair:

GC Chair: If approved by Graduate Council, please sign & click here to submit to Graduate School for Processing

**Paul W. Armah**

Professor of Agricultural Economics and Food Marketing  
Arkansas State University, Jonesboro



**Current Appointment:** 75% Teaching, 20% Research, 5% Service

**Education:**

1989 Ph.D., University College of Wales, U.K.  
1985 M.Sc., University College of Wales, U.K.  
1983 Post-Graduate Diploma, University College of Wales, U.K.  
1977 B.Sc., University of Ghana, Ghana

**Professional Experience:****Teaching**

Professor, Arkansas State University, Arkansas, 2002 to Present,  
Associate Professor, Arkansas State University, Arkansas, 1997 to 2001  
Assistant Professor, Truman State University, Missouri, 1994 to 1997  
Economics Instructor, Sierra College, California, 1991 to 1994

**Industry**

Inventory Coordinator/Planner, Basic Vegetables Products, (Division of America General Foods Inc.) Modesto, CA., 1993 to 1994  
Inventory Control Analyst, Kraft General Foods, Modesto, CA., 1991 to 1993  
Inventory Coordinator/Manifest, Con Agra Company, Turlock, CA., 1990 to 1991  
Regional Marketing Manager, Ghana Food Distribution Corporation, Ghana, 1985-1986  
Regional Accountant, Ghana Food Distribution Corporation, Ghana, 1980 to 1982

**Areas of Research (Extension) Expertise/specialization**

Research focuses on economic analysis of opportunities and potential of producing bio-energy, alternative and specialty crops and their impacts in the Mississippi Delta region of Arkansas. Recent topics include economic analysis of producing alternative and bio-energy crops in Northeast Arkansas and the assessment of commodity futures markets as a risk management tool

**Teaching Experience**

Teach graduate and undergraduate courses in:

- Agribusiness Management
- Agricultural Marketing
- International Commodity Trade
- Agricultural Prices Analysis
- Agricultural Sales and Consulting
- Agricultural Economics
- Micro and Macroeconomics

**Professional Service**

- CIES Peer Review Panelist 2008-2012
- Peer Review Panelist: USDA – CSREES SBIR program: 2009, 2012
- Grant Review Panelist: USDA –NNF program, 2005, 2006, 2009, 2012
- Reviewer of numerous journal articles

- Consultant to many agribusiness firms and farmers
- Chair COAT PRT committee: 2004-2006; 2008-2011
- Chair COAT graduate committee: 2005-2006, 2008-2011

### **Honors and Awards**

- Fulbright Teaching and Research scholar, 2007-2008
- Commonwealth Scholar award 1985
- British Technical Cooperation scholar award 1982

### **Grants and Contracts**

- From USDA-NIFA-NLGCA. "Capacity Building for Bioenergy Research and Outreach in East Arkansas and the Delta Region". \$300,000.00, January 2013 to January 2016
- From Economic Development Administration, Arkansas: "Evaluating Alternative Crops as a pathway for Economic Development in Northeast Arkansas". A Project between Winrock International & Arkansas State University, \$150,000, March 2010 – April 2015.
- From CIES and Fulbright: Teaching and Research in : "Cattle Marketing Efficiency in Namibia ", \$110,000 June 2007 to January 2008

### **Publications/Presentations**

10 journal articles

Over 50 presentations/talks/abstracts

### **Selected Publications/Presentations**

#### **Selected Publications**

"Impact of Commodity Index Investments on Agricultural Commodity Price Increases During 2006 -20011". (with Velmurugan P. Shanmugam), Fourth Annual General Business Conference Proceedings. Volume III, (2012) pages 159-172.

"The Economic Impact of Ethanol Production on Arkansas Corn-Based Livestock ". (with Mary Clayton), Journal of Food Distribution Research, Volume 42, Number 1, March 2011, pp. 8-15.

"Drivers Leading to Higher Food Prices: Biofuels Are Not the Main Culprit". (with Aaron Archer, and Gregory C. Phillips), Summary of Special In Vitro Plant Issue on Biofuels: In Vitro Report Issue 42.4 October - December 2008.

#### **Selected Presentations:**

"Price Hikes in US Agricultural Commodity Futures Markets: An Empirical Efficiency Test". (with Velumurugan P. Shanmugam) Presentation at the 53rd Annual Conference of the Food Distribution Research Society (FDRS): October 13-17, 2012. San Juan, Puerto Rico.

"Bioenergy Adoption in the NEAR Economy". Presentation at the Third Annual Renewable Energy Conference. November 5, 2012. Arkansas State University. Jonesboro, AR.

"Farm Scale Processing and Production -A System's Approach to Processing and Value Added Plant-based Products and Biodiesel". (with Kevin Humphrey). Presented at the 32nd Annual Arkansas Land and Farm Development Corporation (ALFDC) Conference. November 05, 2012. Fargo Arkansas.

"Enterprise Level Comparative Economic Analysis of Three Hypothetical Commercial Scale Bioenergy Facilities". Presentation at Winrock International and Arkansas State University Bioenergy Workshop, Association of Arkansas Counties, Little Rock, April 04, 2012.

"Impact of Commodity Index Investments on Agricultural Commodity Price Increases During 2006-20011". (with Velmurugan P. Shanmugam), Presentation at Fourth Annual General Business Conference Proceedings, April 12-13, 2012. Huntsville, Texas.

"Economic Potential for Bioenergy Crops in Northeast Arkansas". (with Jim Wimberly), Presentation at 2012 ASU Agribusiness Conference, February 8, 2012, ASU Fowler Center and Convocation Center, Jonesboro, Arkansas.

"Cost-effective College Life – A Transition from College to Real World Career". Presentation at the Honors Reception Day, Arkansas State University, March 05, 2011.

"The Economic Impact of Crude Oil and Ethanol Prices on Arkansas Livestock Feed Prices". 2011. Annual Renewable Energy Conference, Arkansas State University, April 18, 2011

"The Economic Impact of Ethanol Production on Arkansas Corn-based Livestock Feed Prices". (with Mary Clayton), Abstract and Presentation. Food Distribution Research Society, Annual Conference, Sandestin Beach Golf Resort and Spa Sandestin, Florida, October 16 - 20, 2010.

Poster presented at the annual meeting of the Society for Neuroscience. November 9-13, 2013; Sand Diego, CA.

Biondolillo, K. & Pearce, A. Modeling nicotine self-administration: Why low tech is sometimes best. Symposium presented at the 59<sup>th</sup> annual meeting of the Southwestern Psychological Association. April 04-07, 2013; Fort Worth, TX.

Biondolillo, K., Cerrato, M., Snow, E., Schein, B., Himmeler, B. The Interaction of developmental play and nicotine on nicotine sensitivity. Poster presented at the 59<sup>th</sup> annual meeting of the Southwestern Psychological Association. April 5, 2013; Fort Worth, TX

Biondolillo, K., McMickle, A., Snow, E., Pellis, S., Kolb, B., & Himmeler, B. (2012). Developmental Play and Sensitivity to Nicotine. Poster presented at the annual conference of the Arkansas Biosciences Institute. October 23, 2012; Fayetteville, AR

Biondolillo, K.D., Bailey, S.R., Eubank, E.L., Riggan, B., & Saarnio, D.A. Pregnancy increases voluntary self-administration of nicotine in rats. Poster presented at the 22<sup>nd</sup> annual meeting of the Association for Psychological Science. May 29, 2010.

Eldridge, A.R., Hogue, J.D., Biondolillo, K.D., & Welsh, J.A. Perspective relativity of evaluation of performance: An empirical test. Poster presented at the 22<sup>nd</sup> annual meeting of the Association for Psychological Science. May 29, 2010.

Riggan, B.D., Saarnio, D.A., Biondolillo, K.D., Reynolds, T.C., Waldrop, C.L., & Davis, E.L. Warmth and competence judgments of names reflect ethnic stereotypes. Poster presented at the 22<sup>nd</sup> annual meeting of the Association for Psychological Science. May 29, 2010.

Claxton, A.F., Biondolillo, K.D., & McGregor, L.N. Relationship of ethnicity, self-efficacy and perceived academic threat. Poster presented at the 22<sup>nd</sup> annual meeting of the Association for Psychological Science. May 29, 2010.



ARKANSAS STATE  
UNIVERSITY

Renewal Form  
for  
Regular Graduate Faculty Status

Name: Joe Bonner

Date: May 19, 2015

Program or Department in which the  
Applicant seeks renewal of  
Regular Graduate Faculty Status:

Music Department, College of Fine Arts

Signature of Originator:

Lauren Schack Clark

Digitally signed by Lauren Schack Clark  
DN: cn=Lauren Schack Clark, o=A-State, ou=Arkansas State University Music  
Department, email=lsclark@astate.edu, c=US  
Date: 2015.05.19 13:04:23 -05'00'

Originator must be a department/program graduate faculty and chair (or program director in the case of interdisciplinary programs)  
Please sign, & click here to submit to Graduate Council for Review

From the Faculty Handbook:

**Qualifications**

*Regular Member of the Graduate Faculty must be a full-time faculty member with a terminal degree. In exceptional cases, unique experience, specialized training and professional competence may substitute for a terminal degree. Regular Members must have documented evidence of an appropriate level of scholarly activity and continued participation in graduate education at the course, committee and program levels.*

**Appointment Requirements and Procedure**

*Application must include evidence of professional activity related to graduate education such as research, publication, exhibition or performance, membership in professional organizations, participation in regional and national meetings, excellence in teaching and the application must meet the qualification standards of the program or department. An appointment is recommended by the department/program graduate faculty and chair (or program director in the case of interdisciplinary programs) and approved by the Graduate Council.*

In the space provided, briefly describe how the applicant's scholarly or creative work in the last six years has met the program's particular expectations, as approved by the the Graduate Council (or using the Graduate Council's generic guidelines for programs that do not have Graduate Council approved guidelines) for regular graduate faculty :

(Please contact the Graduate School if you need a copy of your program/department Graduate Faculty guidelines.)

Despite a heavily overloaded teaching schedule, Mr. Bonner has been active every year as a clinician and adjudicator. He performed at the Faculty Recital Series Concert in March 2015, and was voted Honors Professor of the Year in 2010. His students have won many awards and honors. In September 2013, in partnership with Susan Antonetti, Professor of Flute UALR, he hosted a Master Class and Recital by Atlanta Symphony Principal Flutist, Christina Smith on the A-State Jonesboro campus. He does not hold a terminal degree, but completed two years of doctoral coursework, and has taught at A-State for thirty-one years.

**Please attach a copy of applicant's CV edited to include only activity from last six years to indicate how they met qualifications.**

☐ **Regular Graduate Faculty Status Renewed**

Appointment is for up to a six year term, at which time the faculty member may reapply. (Individual programs, departments, or colleges may choose to have shorter terms of appointment.)

☐ **Regular Graduate Faculty Status Not Renewed, see Explanation below**

Signature of  
Graduate Council Chair:

GC Chair: If approved by Graduate Council, please sign & click here to submit to Graduate School for Processing

**Joe Bonner** – Assistant Professor of Music, Arkansas State University  
**Curriculum Vitae**

---

**Work Experience**

Period - August 1984 – Present  
Employer - Arkansas State University  
Job Title – Assistant Professor of Music (1999)

**Education**

Terminal Degree – (unfinished) - Doctorate of Musical Arts – 2 years work –  
Arizona State University 1983-1984, Memphis State University 1988-1989

Institution – Stephen F. Austin State University  
Degree Granted – Master of Arts (Music) 1983

Institution – University of Houston  
Degree Granted – Bachelor of Arts (Music) 1978

**Evidence of professional accomplishment - last six years:**

March 2015 – Performed Maurice Ravel's *Chansons madecasses* at A-State  
Faculty Recital Series

February 2015 – Adjudicator: Arkansas Intercollegiate Band (flutes) -  
Arkansas All State Band and Choir Convention, Hot Springs, AR.

February 2014 – Adjudicator: Arkansas Intercollegiate Band (flutes) -  
Arkansas All State Band and Choir Convention, Hot Springs, AR.

February 2013 – Adjudicator: Arkansas Intercollegiate Band (flutes) -  
Arkansas All State Band and Choir Convention, Hot Springs, AR.

February 2012 - Adjudicator: Arkansas Intercollegiate Band (flutes) -  
Arkansas All State Band and Choir Convention, Hot Springs, AR.

February 2011 - Adjudicator: Arkansas Intercollegiate Band (flutes)  
Arkansas All State Band and Choir Convention, Hot Springs, AR.

May 2010 – present – conduct two clinics for the Arkansas State University  
*Young Musician's Workshop*.



February 2010 - Adjudicator: Arkansas Intercollegiate Band (flutes) - Arkansas All State Band and Choir Convention, Hot Springs, AR.

February 2009 - Adjudicator: Arkansas Intercollegiate Band (flutes) - Arkansas All State Band and Choir Convention, Hot Springs, AR.

### **Honors and Recognitions**

Spring 2010 – Voted first Honors Professor of the Year - “For distinguished teaching and a commitment to students in The Honor College”.

### **Professional Collaboration**

September 2013 – in partnership with Susan Antonetti, Professor of Flute UALR, hosted Master’s Class and Recital by Atlanta Symphony Principal Flutist, Christina Smith - ASU Jonesboro campus.

### **Student Accomplishments:**

May 13, 2015 – Arkansas State University flute major, Lynlie Simpson featured soloist on chamber recital for Arkansas State University Department of Music *Young Musician’s Workshop*.

Spring 2015 – Arkansas State University Alum (2006), Dr. Whitney Farris O’Neal signed contract as Assistant Professor of Music/Flute at University of N. Alabama.

Spring 2015 – High School Student – Kalysha Chandler – 6<sup>th</sup> Chair Flute, All State Wind Ensemble (Top State Instrumental Ensemble).

Spring 2014 – High School Student, Lynlie Simpson – Principal Flute, Arkansas All State Wind Ensemble (Top State Instrumental Ensemble) – BME Major at ASU presently.

Fall 2012 – ASU Master’s Performance Flute Student, Olivia Boatman, accepted into the Florida State University DMA program.

Spring 2012 – ASU Master’s Flute Student, Olivia Boatman, featured soloist with the Arkansas State University Wind Ensemble.

(Continued)

**Teaching Responsibilities**

**2009 – present**

Western Music History I - Spring

Western Music History II - Fall

Graduate Music History – Symphonic and Chamber Literature – Alternating Spring semesters.

Graduate Music History – Choral and Opera Literature – Alternating Spring semesters.

Honors Fine Arts Musical, Fall and Spring

Fine Arts Musical, On-line, Summer I and Summer II

Flute and Saxophone Techniques (Team Teaching)

Applied Flute Lessons, undergraduate and graduate level

ASU Flute Ensemble, Conductor.



ARKANSAS STATE  
UNIVERSITY

Renewal Form  
for  
Regular Graduate Faculty Status

Name: Cherisse Jones Branch

Date: 8/27/15

Program or Department in which the  
Applicant seeks renewal of  
Regular Graduate Faculty Status:

History

Signature of Originator:

Joseph P. Key

Digitally signed by Joseph P. Key  
DN: cn=Joseph P. Key, o=Arkansas State University, ou=Department of History,  
email=jkey@astate.edu, c=US  
Date: 2015.08.27 15:32:51 -05'00'

Originator must be a department/program graduate faculty or chair (or program director in the case of interdisciplinary programs)  
Please sign, & click here to submit to Graduate Council for Review

From the Faculty Handbook:

**Qualifications**

Regular Member of the Graduate Faculty must be a full-time faculty member with a terminal degree. In exceptional cases, unique experience, specialized training and professional competence may substitute for a terminal degree. Regular Members must have documented evidence of an appropriate level of scholarly activity and continued participation in graduate education at the course, committee and program levels.

**Appointment Requirements and Procedure**

Application must include evidence of professional activity related to graduate education such as research, publication, exhibition or performance, membership in professional organizations, participation in regional and national meetings, excellence in teaching and the application must meet the qualification standards of the program or department. An appointment is recommended by the department/program graduate faculty and chair (or program director in the case of interdisciplinary programs) and approved by the Graduate Council.

**Do Not Type 'See CV'. Briefly List the Evidence of Compliance with  
Program Guidelines Completed Within the Last 6 Years.**

In the space provided, briefly describe how the applicant's scholarly or creative work in the last six years has met the program's particular expectations, as approved by the the Graduate Council (or using the Graduate Council's generic guidelines for programs that do not have Graduate Council approved guidelines) for regular graduate faculty :

(Please contact the Graduate School if you need a copy of your program/department Graduate Faculty guidelines.)

**Please attach a copy of applicant's CV to e-mail. Make sure that it is edited to include only activity from last six years to indicate how they met qualifications.**

Over the past six years, Dr. Cherisse Jones-Branch's record of published scholarship, including an award winning book, several articles and book chapters, exceeds the History Department's requirement for publications to be eligible to renew graduate faculty status. Her numerous scholarly presentations also exceed the department requirements for presentations to be eligible for renewal.

☐ **Regular Graduate Faculty Status Renewed**

Appointment is for up to a six year term, at which time the faculty member may reapply. (Individual programs, departments, or colleges may choose to have shorter terms of appointment.)

☐ **Regular Graduate Faculty Status Not Renewed, see Explanation below**

Signature of  
Graduate Council Chair:

GC Chair: If approved by Graduate Council, please sign & click here to submit to Graduate School for Processing

Dr. Cherisse Jones-Branch  
Associate Professor of History  
Scholarly activity 2009-2015

## **Publications**

*Crossing the Line: Women's Interracial Activism in South Carolina during and after World War II* (Gainesville: University Press of Florida, 2014).

"Empowering Families and Communities: African American Home Demonstration Agents in Arkansas, 1913-1965," in *Race and Ethnicity in Arkansas: Perspectives on the African American and Latino/a Experience* John Kirk, ed. (Fayetteville: University of Arkansas Press, 2014), 85-95.

"African American Women and the South Carolina NAACP, 1930s and 1940s," in *True Worth of a Race: African American Women and the Struggle for Freedom*, Lopez Matthews, ed. (Washington, D.C.: Association of Black Women Historians, 2013), 164-174.

"I Cannot Be Bought and I Will Not Be Sold": Modjeska Monteith Simkins, 1899-1992, in *South Carolina Women: Their Lives and Times*, Valinda Littlefield, Marjorie Spruill, and Joan Johnson, eds. (Athens: University of Georgia Press, 2012), 221-239.

"Mary Church Terrell: Revisiting the Politics of Race, Class, and Gender," in *Tennessee Women: Their Lives and Times, Volume I*, Beverly Bond and Sarah Wilkerson

Freeman (Athens: University of Georgia Press, 2009): 68-92.

"'May We Pray That We Be Given Strength and Faith To Stand Together': Conflict, Change and the Charleston, South Carolina YWCA, 1940s-1960s," *Proceedings of the South Carolina Historical Association*, 2008: 15-28.

### **Papers Presented**

"Gennie Revelise Gergel Seideman: South Carolina's Jewish Civil Rights Activist," South Carolina Historical Association Annual Conference, Walterboro, SC, March 2015

"Rural Black Women's Health Care Initiatives in the Arkansas Delta, 1915-1960s," Rural Women's Studies Association, San Marcos, Texas, February 2015

"Gennie Revelise Gergel Seideman: South Carolina's Jewish Civil Rights Activist," Association for the Study of African American Life and History, Memphis, Tennessee, September 2014

*Crossing the Line: Women's Interracial Activism in South Carolina during and after World War II*, Advanced Placement U.S. History Reading, Louisville, Kentucky, June 2014

"Rural African American Women's Agency and Home Demonstration Clubs in Arkansas, 1930s-1960s," Agricultural History Society, Provo, Utah, June 2014

"African American Home Demonstration Agents in Arkansas,"

Agricultural History Society, Banff, Alberta, Canada, June 2013

"Lifting Themselves Up By Their Bootstraps: African American Home Demonstration Agents in Arkansas," Association for the Study of African American Life and History, Pittsburgh, Pennsylvania, October 2012

"African American Women and the South Carolina NAACP, 1930s and 1940s," 15<sup>th</sup> Berkshire Conference on Women's History, University of Massachusetts, Amherst, June 2011

"Modjeska Simkins: A South Carolina Civil Rights Icon," Court House, State House, Her House: Southern Women and Politics, University of South Mississippi, Gulfport, Mississippi, March 2011

"Arkansas Women's History," Mid-America Conference on History Little Rock, Arkansas, September 2010

"Arkansas Women's History," 69<sup>th</sup> Annual Conference, Arkansas Historical Association, Jonesboro, Arkansas, April 2010

"'Meeting and working together, not as people of two races, but as citizens with a common purpose:' Women, Racial Issues, and the Greenville, South Carolina YWCA, 1940-1960s", 8<sup>th</sup> Annual Southern

Association of Women's Historians Conference,  
University of South Carolina, Columbia, June 2009

"I Cannot Be Bought and Will Not Be Sold": Modjeska  
Monteith Simkins, 1899-1992, 8<sup>th</sup> Annual Southern  
Association of Women's Historians Conference,  
University of South Carolina, Columbia, June 2009



ARKANSAS STATE  
UNIVERSITY

Renewal Form  
for  
Regular Graduate Faculty Status

Name: Kenneth D. Carroll

Date: 8-20-15

Program or Department in which the  
Applicant seeks renewal of  
Regular Graduate Faculty Status:

Music Department

Signature of Originator:

Lauren Schack Clark

Digitally signed by Lauren Schack Clark  
DN: cn=Lauren Schack Clark, o=Music Department,  
email=lsclark@astate.edu, c=US  
Date: 2015.08.20 16:29:04 -05'00'

Originator must be a department/program graduate faculty and chair (or program director in the case of interdisciplinary programs)  
Please sign, & click here to submit to Graduate Council for Review

From the Faculty Handbook:

**Qualifications**

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**Appointment Requirements and Procedure**

Application must include evidence of professional activity related to graduate education such as research, publication, exhibition or performance, membership in professional organizations, participation in regional and national meetings, excellence in teaching and the application must meet the qualification standards of the program or department. An appointment is recommended by the department/program graduate faculty and chair (or program director in the case of interdisciplinary programs) and approved by the Graduate Council.

In the space provided, briefly describe how the applicant's scholarly or creative work in the last six years has met the program's particular expectations, as approved by the the Graduate Council (or using the Graduate Council's generic guidelines for programs that do not have Graduate Council approved guidelines) for regular graduate faculty:

(Please contact the Graduate School if you need a copy of your program/department Graduate Faculty guidelines.)

Please attach a copy of applicant's CV edited to include only activity from last six years to indicate how they met qualifications.

Dr. Carroll has been active as a performer, conductor, clinician, composer, and arranger. He had a chapter published in a text, Teaching Music Through Performance -- Jazz, in 2015. He composed a piece in 2010 which has been used annually as an audition piece for pre-college students playing for ASBOA, the Arkansas State Band and Orchestra Association. He was awarded the Friedrich Stoll Faculty Development Grant through the College of Fine Arts to take an online enrichment course through Berklee School of Music. He has performed frequently with several local jazz ensembles, both large and small. He led the A-State Jazz Ensemble in off-campus performances. He co-hosted several high-profile jazz guest artists on campus, such as Lincoln Center Jazz Orchestra member Victor Goines, and prepared his students to perform for them in clinics and master classes. He designed Marching Band Shows for eight area high schools, and also arranged music for two of them.

☐ **Regular Graduate Faculty Status Renewed**

Appointment is for up to a six year term, at which time the faculty member may reapply. (Individual programs, departments, or colleges may choose to have shorter terms of appointment.)

☐ **Regular Graduate Faculty Status Not Renewed**, see Explanation below

Signature of  
Graduate Council Chair:

GC Chair: If approved by Graduate Council, please sign & click here to submit to Graduate School for Processing



# **Kenneth D Carroll, DMA**

## **Director: ASTATE Jazz Studies**

2211 Byrnewood Drive

Jonesboro, AR 72404

[kdc Carroll@astate.edu](mailto:kdc Carroll@astate.edu)

### **Present Assignment:**

Associate Professor of Music. Director of Jazz Studies/Saxophone. Music Department – College of Fine Arts. I teach six performing ensembles (MUS 3381-001 Jazz Lab Band, MUS 3381-002 ASTATE Jazz Orchestra, MUS 3371 10 AM Jazz Combo, MUS 3371 11 AM Jazz Combo, MUS 3371-004 ASTATE Saxophone Quartet, MUS 3371-004 Fischer Saxophone Quartet). I teach a graduate saxophone performance major (Clinton Curtis). In addition, I teach twelve (12) saxophone majors (Cody Ballard, Robert Coyle, Aaron Decker, Lauren Dudley, Tyler Fields, Nicolas Graves, Stephen Mergy, Yu Minakata, Ana Munoz, Tyler Rasmussen, Kyle Thrasher, and Jon Vickers), eight (8) jazz improvisation students (Larry Heil, Kevin Tinker, Lauren Dudley, Ali Guedea, Alex Ditto, Jimmy Hood, Hunter Durham, and John Yerger). My teaching assistant (Clinton Curtis) is responsible for two students and the adjunct instructor of Saxophone, Ms. Allene Kirk, is responsible for two students. I teach MUS 3231-001 Flute and Saxophone Techniques each Fall and MUS 1703-001 Intro to Jazz Musicianship and MUS 4322 History of Jazz each Spring. During the summer, I develop and instruct the Delta Jazz Workshop.

### **Publications:**

*"Pegasus – Hank Levy"*

Teaching Music through Performance – Jazz 2015

GIA Publications, INC

Chicago, IL USA

I was invited by Dr. Richard Miles, Editor, to submit an article detailing historical and performance techniques related to the famous Hank Levy composition "Pegasus". The article is included in the **Teaching Music through Performance-Jazz**, an influential text series, disseminated internationally.

"Saxophone Ballad" (Composed Fall 2010, used annually)

### **ASBOA ALL-STATE Jazz Band Auditions**

I was invited to compose the "ballad etude" for the ASBOA All-State Jazz Auditions. The work, published by **pdfband.com**, is disseminated throughout the state each year.

**Premiers:**

"Artisms" for Wind Ensemble by Randall Standridge

April 10, 2010

CBDNA Southwestern Division Conference

Las Cruces, New Mexico

I conducted the ASTATE Wind Ensemble in a series of concerts culminating in the premier performance.

**Awards:**

Friedrich Stoll Faculty Development Award 2014

Project: Producing Music With Reason – Berklee OnLine OMPRD-275

Completed the Berklee College of Music course taught by preeminent industry producer Erik Hawkins.

2009 Who's Who in Education – Strathmore

**Professional Performances:**

"Top Shelf Jazz" (Craig Collison, Corey Emerson, Don Bowyer, Alex Ditto)

Weekends at 501 Club in Jonesboro, AR in addition to wedding receptions and social events.

(March 2015 to present)

"Carroll Trio" (Tyler Worsham, Terrell Montgomery)

I perform regularly with my trio – Jonesboro Country Club, Chancellor's Residence, Delta Jazz Workshop, Treble Clef Club, Arkansas Children's Home fundraiser, wedding receptions and assorted social events. (September 2014 to present)

"Jazz Writer's Big Band"

I perform regularly as a member of the Jazz Writer's Big Band. Recordings are now internationally available as YouTube videos.

July 9 – Delta Jazz Workshop August 23 – Delta Symphony Fundraiser November 9 – "ARTS @311"

December 6 – Community Christmas of West Memphis

**Theses/Research Projects:**

Student Name: Nicolas Graves

“The Impact of American Society on the Development of Jazz”

Honors Thesis

Degree BME

Faculty Advisor: Dr. Kenneth Carroll

Student Name: Larry Heil

“Syncronicity” – Composition for mixed ensemble (rehearsed/conducted)

Final Composition Recital

Degree: BA

Faculty Advisor: Dr. Tim Crist

Student Name: Serena Weren

“Physiology of Marching Band as substitute for mandated PE Course of Study”

Master’s Thesis

Degree: MME

Faculty Advisor: Dr. Kyle Chandler

**Jazz Studies:**

In April, 2014, ASTATE Jazz Studies was awarded the prestigious “headline” position at the State Jazz Festival, held at the Clinton Library in Little Rock. The ASTATE Jazz Orchestra with guest artist Don Bowyer proudly represented Arkansas State.

In July, 2014, ASTATE Jazz Studies held the 7th annual Delta Jazz Workshop for regional jazz students. Along with guest artists Michael Westbrook (Oklahoma), Corey Emerson (New York), Michael Medrick (Dallas); area jazz artists taught students throughout the week. The week included concerts by The Jazz Writer’s Big Band, The Redline Quintet, Carroll Trio, Clusterfunk, and all of the student ensembles.

In November, 2014, ASTATE Jazz Studies entertained at the Grand Opening of the new Kroger Marketplace (11/18). This performance generated funds for Outreach Mission.

In July, 2013, ASTATE Jazz Studies held the 6<sup>th</sup> annual Delta Jazz Workshop for regional jazz students. Along with guest artists Corey Emerson (New York), Michael Medrick (Dallas); area jazz artists taught students throughout the week. The week included concerts by The Faculty Big Band, The Redline Quintet, Carroll Trio, Clusterfunk, and all of the student ensembles.

### **Jazz Studies Continued:**

In April, 2013, the Jazz Studies area hosted Dr. Ron Carter and his son Bryan Carter. Dr. Carter is the Director of Jazz Studies at Northern Illinois while Bryan is a professional percussionist in New York. The workshop culminated in an evening concert with the Jazz Orchestra at the Valley View Jazz Festival.

In April, 2013, the Jazz Studies area hosted Victor Goines, Director of Jazz Studies at Northwestern University and a member of Lincoln Center Jazz Orchestra (4/8-10). The series of workshops culminated in a concert with Jazz Lab and ASTATE Jazz Orchestra.

In October, 2013, the Jazz Studies area hosted ASTATE alum Gary "Buho" Gazaway and Claudia Burson for a masterclass in advance of their evening performance for the public radio affiliate. Three Jazz Studies students (Cody Ballard, matt Bounds and aaron Decker) were asked to perform on the evening concert in recognition.

In September, 2013, the Jazz Studies performed by invitation for the Chamber of Commerce Fundraiser. Both large ensembles played three hours.

In July 2013, ASTATE Jazz Studies held the 5<sup>th</sup> annual Delta Jazz Workshop for regional jazz students. Along with guest artists Michael Medrick (Dallas) and Michael Westbrook (Oklahoma); area jazz artists taught students throughout the week.

In February, 2013, The Jazz Studies area hosted Allan Harris and his band in a masterclass in advance of their evening concert as part of the Lecture/Concert series.

### **University Outreach**

Marching Band Show Design – Hoxie High School (2004-present)

Marching Band Show Design – Nettleton High School (2004 – present)

Marching Band Show Design – Dexter High School (2007-present)

Marching Band Show Design – Puxico High School (2011, 2012)

Marching Band Show Design – Westside High School (2009, 2010)

Marching Band Show Design – Limestone College, Gaffney, SC (2014)

Marching Band Show Design – Rivercrest High School (2009)

Marching Band Show Design – Dewitt High School (2009)

Marching Band Adjudication – Redskin Classic (2004 – 2013)

Marching Band Adjudication – Sonic Contest of the South (Jonesboro High) 2005-2011

Marching Band Music Arranging – Nettleton High School (2004 – present)

Marching Band Music Arranging – Dexter High School (2007, 2009, 2010)

AMRO Young Musician's Workshop – (2010 – present)

ASTATE MidSouth Honor Band (2008 – present)

**Extramural Funding for Research/Creative Activities:**

Altrusa Club – April 2014

\$500 – Funds deposited to support Tom O'Connor Jazz Scholarship

Delta Jazz Workshop – October 2014

\$500 – Funds support Lecture/Concert performance of Count Basie Orchestra

Kroger Marketplace – November 2014

\$500 – Funds support Jazz Studies performance at Three Rivers Jazz Festival

Jonesboro Chamber of Commerce – September 2013

\$500 – Funds deposited to support Tom O'Connor Jazz Scholarship

**Recognitions and Awards to Faculty, Staff and Students:**

Honors Recital:

Clinton Curtis 2015

Aaron Decker 2014

Claire Richardson 2010

Allene Kirk 2008

Maslanka Recital:

Bobby Coyle – "Song Book for Alto Saxophone and Marimba" 2013

ASTATE Saxophone Quartet – "Recitation Book" – 2013

Ticheli Recital:

ASTATE Saxophone Quartet – "Songs of Tagore" November 12, 2011

Chancellor's Award – Outstanding Fine Arts Graduate:

Aaron Decker – 2015

Clinton Curtis – 2014

Claire Richardson – 2010

**Service to Professional Organizations:**

Jazz Educators Network (Since 2013)

JEN Conference (Atlanta, Dallas 2014, Louisville 2015)

College Band Directors National Association (Since 1993)

ASBOA (Since 1982)

Arkansas Band Directors Association (Since 1982)

**Service to Institution:**

Director of Jazz Studies – 2013 to present

Woodwind Jury Chair – 2009 to present

Friends of Music Liason Committee – 2015 to present

Music Infrastructure – 2010 to present

Dr. Thomas Miles O' Connor Award for Jazz Performance; Chair – 2013 to present

Fowler Series Committee – 2014 to present

Departmental and Institutional Recruiting – 2003 to present

Search Committee, "Director of Athletic Bands"; Summer 2012

Search Committee, "Professor of Trumpet", Spring 2009

**Upcoming:**

Clinician/Performing Artist

ASBOA Region V All-Region First Jazz Band January, 2016

Clinician/Performing Artist

Missouri Bandmaster Association District Jazz Festival

25 Annual Three Rivers College Jazz Festival February 11-14, 2016



ARKANSAS STATE  
UNIVERSITY

Renewal Form  
for  
Regular Graduate Faculty Status

Name: Mark Draganjac

Date: 8-31-15

Program or Department in which the  
Applicant seeks renewal of  
Regular Graduate Faculty Status:

Chemistry & Physics

Signature of Originator:

*Wm Burns*

Digitally signed by William Burns  
DN: cn=William Burns, o=Arkansas State University, ou=Department of  
Chemistry and Physics, email=wburns@astate.edu, c=US  
Date: 2015.08.31 12:49:37 -05'00'

Originator must be a department/program graduate faculty or chair (or program director in the case of interdisciplinary programs)  
Please sign, & click here to submit to Graduate Council for Review

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Program Guidelines Completed Within the Last 6 Years.**

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(Please contact the Graduate School if you need a copy of your program/department Graduate Faculty guidelines.)

**Please attach a copy of applicant's CV to e-mail. Make sure that it is edited to include only activity from last six years to indicate how they met qualifications.**

In the last six years Mark Draganjac has been:

- 1) author/coauthor of five peer reviewed regional journal articles, and one peer reviewed international publication. Five of these six publications included graduate student coauthors.
- 2) author or presenter of 30 presentations at state, regional, and international scientific meetings. 27 of these presentations include undergraduate or graduate student coauthors.
- 3) research and thesis advisor for 11 MS Chemistry students, (co-advisor of 1 MS student).

☐ **Regular Graduate Faculty Status Renewed**

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☐ **Regular Graduate Faculty Status Not Renewed, see Explanation below**

Signature of  
Graduate Council Chair:

GC Chair: If approved by Graduate Council, please sign & click here to submit to Graduate School for Processing

## Mark Draganjac Curriculum Vitae

### PERSONAL INFORMATION:

Office:	Mark Draganjac P.O. Box 483 State University, AR 72467	Home: 1703 Dupwe Jonesboro, AR 72401
Phone:	(870) 972-3272	(870) 972-8432
E-mail:	mdraganj@astate.edu	
Website:	<a href="http://myweb.astate.edu/mdraganj">http://myweb.astate.edu/mdraganj</a>	

### IMMEDIATE RESEARCH INTERESTS:

Inorganic Chemistry: a) The synthesis, structural characterization and reactivity of transition metal complexes containing sulfur-based ligands; b) the modeling of both industrial and biological catalytic systems; and c) synthesis and structural characterization of transition metal complexes with thiophenic ligands.

### EDUCATION:

Ph.D.	-	Summer, 1983; The University of Iowa, Iowa City, IA, Chemistry
B.S.	-	Fall, 1978; Southeastern Oklahoma State University, Durant, OK, Chemistry and Biology

Thesis Title: Synthesis, Structure and Reactivity of Binary Molybdenum-Sulfur Complexes.  
Completed under Prof. Dimitri Coucouvanis (Currently at the University of Michigan)

### WORK EXPERIENCE:

Adjunct Professor -	University of Memphis, 2005 - 2010
Professor -	Arkansas State University, 1993 - present
Associate Professor -	Arkansas State University, 1989 - 1993
PRF Visiting Professor -	Michigan State University, Summer 1989, with Mercouri Kanatzidis
Assistant Professor -	Arkansas State University, Aug. 1985 - 1989
PRF Visiting Professor -	Oklahoma State University, Summer 1986, with Elizabeth Holt
Research Associate -	The University of Illinois, Sept. 1983 - Aug. 1985, with Thomas Rauchfuss
Research Assistant -	The University of Iowa, 1981 - Summer 1983
Teaching Assistant -	The University of Iowa, 1979 - 1981
	Courses: General Chemistry Lab, Organic Lab, Intermediate Lab



## WORK EXPERIENCE (cont'd):

- Laboratory Technician - Biomedical Sciences Program, Southeastern State University, May 1978 - Dec. 1978  
Work involved use of  $^{14}\text{C}$  trace in analyzing benzo-[a]-pyrene in cigarette smoke condensates
- College work - Southeastern State University, 1976 - May 1978  
Laboratory Assistant, prepared reagents and aided students during experiments

## PROFESSIONAL ORGANIZATIONS:

- Member, American Chemical Society, 1983 - present  
Member, Inorganic Division, A.C.S., 1983 - present  
Member, Arkansas Academy of Science, 1986 - present  
Member, Chemical Education Division, A.C.S., 1992 - present  
Member, Solid State Subdivision, A.C.S., 1992 - present  
Member, Organometallic Subdivision, A.C.S., 1992 - present  
Member, Mid-south Inorganic Chemists Association, 2002 - present

## Publications:

44. Microwave Syntheses and Thermal Gravimetric Analysis of *trans*-Hydrogen bis(dimethylsulfoxide)tetrachlororuthenate(III). S. Chui, M. Draganjac, E. Benjamin and B. Rougeau, J. Ark. Acad. Sci., (2009), 63, 180-1.
45. Microwave Synthesis of *cis*-Dichlorotetrakis(dimethylsulfoxide)ruthenium(II). A. Harvey, M. Draganjac, S. Chui, R. Snell and E. Benjamin, J. Ark. Acad. Sci., (2009), 63, 185.
46. Molecular Structure of *fac*-aquadichlorotris(dimethylsulfoxide)ruthenium(II). L. Foster, J. Hardin, M. Draganjac and B. C. Noll, J. Ark. Acad. Sci., (2010), 64, 134-5.
47. Cavity ringdown laser absorption spectroscopy of  $^{13}\text{C}_2\text{H}_2$  in the  $13,300\text{ cm}^{-1}$  region.  
Christopher J Lue, Michael N. Sullivan, Mark Draganjac, and Scott W. Reeve, J. Mol. Spect., (2012), 273, 6-10.
48. Microwave Assisted Synthesis of Chloropentahaptocyclopentadienediphenylphosphinoethaneruthenium(II). S. Muthyala and M. Draganjac, J. Ark. Acad. Sci., (2013), 67, 204-6.

49. Molecular Structure of Pentahaptocyclopentadienebis(tetrahydrothiophene)triphenylphosphineruthenium(II) triflate. P. Nave, M. Draganjac and A. W. Cordes, J. Ark. Acad. Sci., (2013), 67, 207-8.

### Presentations:

97. Preliminary Thermal Studies of Ru-DMSO-Cl Complexes. Shengkuei Chui, Mark Draganjac, Les Foster, 13th Meeting, Mid-south Inorganic Chemists Association, Beebe, AR, March 7, 2009.
98. Microwave assisted synthesis of ruthenium-dmso complexes. Amanda Harvey, Shengkuei Chui, Rian Snell, M. Draganjac, Ellis Benjamin. 237th National ACS Meeting, Salt Lake City, UT, March 22-26, 2009.
99. Microwave assisted synthesis of ruthenium-dmso complexes. Amanda Harvey, Shengkuei Chui, Rian Snell, M. Draganjac, Ellis Benjamin. 93rd Meeting, Arkansas Academy of Science, Clarksville, AR, April 3-4, 2009.
100. TGA and DTA studies of selected Ru-dmso complexes. Shengkuei Chui, Mark Draganjac. 93rd Meeting, Arkansas Academy of Science, Clarksville, AR, April 3-4, 2009.
101. Nomenclature: What's in a name? Mark Draganjac. 15th Meeting, Mid-south Inorganic Chemists Association, Monticello, AR, March 13, 2010.
102. IR spectrum of NO. Tiffani Johnson, Williams Burns, Scott Reeve, Mark Draganjac. 15th Meeting, Mid-south Inorganic Chemists Association, Monticello, AR, March 13, 2010.
103. Molecular Structure of *fac*-Ru(dmso)<sub>3</sub>Cl<sub>2</sub>OH<sub>2</sub>. Blake Reinhart, Les Foster, Jennifer Hardin, Mark Draganjac, Bruce Noll. 15th Meeting, Mid-south Inorganic Chemists Association, Monticello, AR, March 13, 2010.
104. Preliminary study of the thermally induced condensed phase electron transfer of copper chlorides with electropositive metals. Indrani Kothuru, Mark Draganjac, Les Foster, Jennifer Hardin. 15th Meeting, Mid-south Inorganic Chemists Association, Monticello, AR, March 13, 2010.
105. Molecular Structure of *fac*-Ru(dmso)<sub>3</sub>Cl<sub>2</sub>OH<sub>2</sub>. Les Foster, Jennifer Hardin, Mark Draganjac, Bruce Noll. 94th Meeting, Arkansas Academy of Science, Little Rock, AR, April 9-10, 2010.

106. Pre- and post-assessment of general chemistry students. William Burns, Tillman Kennon, Mark Draganjac, Mike Panigot, Allyn Ontko, Hideya Koizumi, Richard Warby, Sam Cron, Ben Rougeau, 240th ACS National Meeting, Boston, MA, August 22-25, 2010.
107. Cavity Ringdown Laser Absorption Spectroscopy of Isotopically Labeled Acetylene in the 12,500 - 13,600  $\text{cm}^{-1}$  Region: Observation of a Previously Unreported Vibrational Band. M. N. Sullivan, C. J. Lue, M. E. Draganjac, S. W. Reeve. Joint 66th South West and 62nd South East Regional ACS Meeting, New Orleans, LA, Dec. 1-4, 2010.
108. Preliminary Analysis of Thermally Induced Condensed Phase Electron Transfer Reactions of Cobalt Chloride and Cobalt Bromide with Electropositive Metals. Ragini Kamineni and Mark Draganjac. 17th Meeting, Mid-south Inorganic Chemists Association, Batesville, AR, March 12, 2011.
109. Preliminary Analysis of Thermally Induced Condensed Phase Electron Transfer Reactions of Nickel Chloride with Electropositive Metals. Rajeshwari Kamineni and Mark Draganjac. 17th Meeting, Mid-south Inorganic Chemists Association, Batesville, AR, March 12, 2011.
110. Preliminary Analysis of Thermally Induced Condensed Phase Electron Transfer Reactions of Cadmium Chloride and Lead Chloride with Electropositive Metals. Vamshi Addaguduru and Mark Draganjac. 17th Meeting, Mid-south Inorganic Chemists Association, Batesville, AR, March 12, 2011.
111. Preliminary Analysis of Thermally Induced Condensed Phase Electron Transfer Reactions of Zinc Chloride, Chromium Chloride and Lead Chloride with Electropositive Metals. Manasa Anumula and Mark Draganjac. 17th Meeting, Mid-south Inorganic Chemists Association, Batesville, AR, March 12, 2011.
112. Cavity Ringdown Laser Absorption Spectroscopy (CRLAS) of Isotopically Labeled Acetylene between 12,500 - 13,600  $\text{cm}^{-1}$ . C. J. Lue, M. N. Sullivan, M. E. Draganjac, S. W. Reeve. 66th International Symposium on Molecular Spectroscopy, Columbus, OH, June 20-24, 2011.
113. Microwave Synthesis of  $\text{CpRu(dppe)Cl}$ . Srikanth Muthyala and Mark Draganjac. 20th Meeting, Mid-south Inorganic Chemists Association, Memphis, TN, October 20, 2012.
114. Molecular structure of  $\{(\text{u-dtoxa})[\text{CpRu(dppe)}_2](\text{BF}_4)_2\}$ . Jerry Clark, Srikanth Muthyala, Mark Draganjac, Michael Stone and Nikolay Gerasimchuk. 21st Meeting, Mid-south Inorganic Chemists Association, Conway, AR, March 2, 2013.

115. DSC Analysis of the Reaction of Cu with Select Metal Halides. Kyle Fournier, Donovan Tony, David Kwangkook Jeong and Mark Draganjac. 21st Meeting, Mid-south Inorganic Chemists Association, Conway, AR, March 2, 2013.
116. Molecular structure of  $\{(\eta^5\text{-dtoxa})[\text{CpRu}(\text{PPh}_3)_2](\text{BF}_4)_2\}$ . Jerry Clark, Srikanth Muthyala, Mark Draganjac, Michael Stone and Nikolay Gerasimchuk. 97th Meeting, Arkansas Academy of Science, Little Rock, AR, April 5-6, 2013.
117. Microwave assisted synthesis of chloropentahaptocyclopentadienediphenylphosphinoethane-ruthenium(II). Srikanth Muthyala and Mark Draganjac. 97th Meeting, Arkansas Academy of Science, Little Rock, AR, April 5-6, 2013.
118. Molecular Structure of  $[\text{CpRu}(\text{PPh}_3)(\text{tht})_2]\text{OTf}$ . Mark Draganjac, P. M. Nave and A. W. Cordes. 97th Meeting, Arkansas Academy of Science, Little Rock, AR, April 5-6, 2013.
119. DSC Analysis of the Reaction of Cu with Select Metal Halides. Kyle Fournier, Donovan Tony, David Kwangkook Jeong and Mark Draganjac. 97th Meeting, Arkansas Academy of Science, Little Rock, AR, April 5-6, 2013.
120. Preliminary analysis of thermally induced condensed phase electron transfer (TICPET) reactions. Mark Draganjac, Sheng-Kuei Chiu, Indrani Kothuru, Vamshi Addaguduru, Manasa Anumula, Rajeshwari Kamineni, Ragini Kamineni, Les Foster, Jennifer Hardin. 245th ACS National Meeting, New Orleans, LA, April 7, 2013.
121. DSC Analysis of the Reaction of Cu with Select Metal Halides. Kyle Fournier, Donovan Tony, David Kwangkook Jeong and Mark Draganjac. 246th ACS National Meeting, Indianapolis, IN, September 9, 2013.
122. Thermal analysis of the reactions of ruthenium(III) chloride or silver chloride with select metals. Mark Draganjac, Kyle Fournier, Donovan Tony, David Kwangkook Jeong. 2013 Midwest Regional ACS Meeting, Springfield, MO, October 17, 2013.
123. TICPET Reactions – an update. Mark Draganjac, Kyle Fournier, Donovan Tony, David Kwangkook Jeong, Maqsood Mughal, Michael Newell, Robert Engelken. Meeting, AsTaTe Materials Research Group, Jonesboro, AR, February 25, 2014.
124. TICPET Reactions – an update. Mark Draganjac, Kyle Fournier, Donovan Tony, David Kwangkook Jeong, Maqsood Mughal, Michael Newell, Robert Engelken. 23rd Meeting, Mid-south Inorganic Chemists Association, Jonesboro, AR, March 8, 2014.

125. DSC Analysis of the Reaction of Cu with Select Metal Halides. Kyle Fournier, Donovan Tony, David Kwangkook Jeong and Mark Draganjac. 23rd Meeting, Mid-south Inorganic Chemists Association, Jonesboro, AR, March 8, 2014.
126. Preliminary Analysis of Thermal Reactions of Select metals with Chalcogens. Mark Draganjac and Elizabeth Cook. 25th Meeting, Mid-south Inorganic Chemists Association, Russellville, AR, March 7, 2015.

### **Thesis Directed:**

13. Shengkuei Chui, "Microwave Synthesis and Thermal Analysis of Ru-DMSO Complexes", 2009.
14. Melissa Arnold, "The Effect of Active Techniques Combined with Didactic Lecture on Student Achievement", 2009. (co-advisor)
15. Indrani Kothuru, "Preliminary Analysis of Thermally Induced Condensed Phase Electron Transfer Reactions of Copper Chloride with Electropositive Metals", 2010.
16. Rajeshwari Kamineni, "Preliminary Analysis of Thermally Induced Condensed Phase Electron Transfer Reactions of Nickel Chloride with Electropositive Metals", 2010.
17. Vamshi Addaguduru, "Preliminary Analysis of Thermally Induced Condensed Phase Electron Transfer Reactions of Cadmium Chloride and Lead Chloride with Electropositive Metals", 2010.
18. Manasa Anumula, "Preliminary Analysis of Thermally Induced Condensed Phase Electron Transfer Reactions of Zinc Chloride, Chromium Chloride and Lead Chloride with Electropositive Metals", 2010.
19. Ragini Kamineni, "Preliminary Analysis of Thermally Induced Condensed Phase Electron Transfer Reactions of Cobalt Chloride and Cobalt Bromide with Electropositive Metals", 2011.
20. Adam Reinhart, "Select Ruthenium Complexes as Potential Candidates for Thiol Ligation", 2011.
21. Les Foster, "Investigation of Select Ruthenium Compounds as HDS Catalyst Models", 2011.
22. Srikanth Muthyala, "Microwave Synthesis and Reactions of CpRu(dppe)Cl with Sulfur Containing Ligands", 2013.

23. Elizabeth G. Cook, "Preliminary Analysis of Thermal Reactions of Select Metals with Chalcogens", 2014.

**Grants:**

27. NSF, MRI (Co-PI, 2011), "Acquisition of a DSC (Differential Scanning Calorimetry) System for R&D at CESUR (Center for Efficient and Sustainable Use of Resources) of Arkansas State University", \$138,288.



ARKANSAS STATE  
UNIVERSITY

Renewal Form  
for  
Regular Graduate Faculty Status

Name: Erik Gilbert

Date: 08/27/15

Program or Department in which the  
Applicant seeks renewal of  
Regular Graduate Faculty Status:

History

Signature of Originator:

Joseph P. Key

Digitally signed by Joseph P. Key  
DN: cn=Joseph P. Key, o=Arkansas State University, ou=Department of History,  
email=jkey@astate.edu, c=US  
Date: 2015.08.27 15:12:11 -05'00'

Originator must be a department/program graduate faculty or chair (or program director in the case of interdisciplinary programs)  
Please sign, & click here to submit to Graduate Council for Review

From the Faculty Handbook:

**Qualifications**

Regular Member of the Graduate Faculty must be a full-time faculty member with a terminal degree. In exceptional cases, unique experience, specialized training and professional competence may substitute for a terminal degree. Regular Members must have documented evidence of an appropriate level of scholarly activity and continued participation in graduate education at the course, committee and program levels.

**Appointment Requirements and Procedure**

Application must include evidence of professional activity related to graduate education such as research, publication, exhibition or performance, membership in professional organizations, participation in regional and national meetings, excellence in teaching and the application must meet the qualification standards of the program or department. An appointment is recommended by the department/program graduate faculty and chair (or program director in the case of interdisciplinary programs) and approved by the Graduate Council.

**Do Not Type 'See CV'. Briefly List the Evidence of Compliance with  
Program Guidelines Completed Within the Last 6 Years.**

In the space provided, briefly describe how the applicant's scholarly or creative work in the last six years has met the program's particular expectations, as approved by the the Graduate Council (or using the Graduate Council's generic guidelines for programs that do not have Graduate Council approved guidelines) for regular graduate faculty:

(Please contact the Graduate School if you need a copy of your program/department Graduate Faculty guidelines.)

**Please attach a copy of applicant's CV to e-mail. Make sure that it is edited to include only activity from last six years to indicate how they met qualifications.**

Over the past six years, Dr. Erik Gilbert's record of published scholarship – an article and four book chapters – exceeds the History Department's requirements for graduate faculty status. In addition, his fifteen scholarly presentations also exceed the department requirements.

☐ **Regular Graduate Faculty Status Renewed**

Appointment is for up to a six year term, at which time the faculty member may reapply. (Individual programs, departments, or colleges may choose to have shorter terms of appointment.)

☐ **Regular Graduate Faculty Status Not Renewed, see Explanation below**

Signature of  
Graduate Council Chair:

GC Chair: If approved by Graduate Council, please sign & click here to submit to Graduate School for Processing

Dr. Erik Gilbert  
Professor of History  
Scholarly activity 2009-2015

### **Books**

*Africa in World History*, Upper Saddle River, NJ: Prentice Hall, 2004, co-authored with Jonathan Reynolds. Second edition, 2008. Third edition 2011.

### **Articles**

"The Dhow as Cultural Icon: Heritage and Regional Identity in the Western Indian Ocean," *International Journal of Heritage Studies*, 17:1(2011).

### **Book Chapters**

"Asian Rice in Africa: Plant Genetics and Crop History," in Francesca Bray, Edda Fields-Black, Peter Coclanis, and Dagmar Schafer, *Secret Lives of Rice: Promiscuity, Knowledge and Power*, Cambridge, Cambridge University Press, 2015.

"The 'Other' Ships: Dhows and the Colonial Imagination in the Indian Ocean," in Tricia Cusack ed., *Representation of the Ocean as Social Space*, Ashgate, 2014.

"Zanzibar: Imperialism, Proto-Globalization, and a Nineteenth Century Indian Ocean Boom Town," in Andreas Exenberger, Phillip Strobl, Gunter Bischof and James Mokhiber eds., Innsbruck University Press, 2013.

"Kilwa: A Commercial City on the East African Coast (1000-1500)" in Aran McKinnon, *Places of Encounter*, Westview Press, 2012.

### **Essays**

"Does Good Assessment Make Good Universities? Who Knows?" *Chronicle of Higher Education*, August 14, 2015.

"Globalization and World History," in the Introductory Volume of Alfred Andrea, ed., *ABC-Clio Encyclopedia of World History*, Vol. I, (Santa Barbara: ABC-Clio, 2011).

### **Review Essays**



"Urban History on the Indian Ocean Rim," a review essay in *Journal of Urban History*, 36:1 (2010).

"Recent Scholarship on the Western Indian Ocean," a review essay in *Itinerario*, 33:1(2009).

### **Invited Presentations**

"The Expanding Frontiers of the Indian Ocean World in 19<sup>th</sup> Century East Africa," at Cosmopolitan Currents in the Indian Ocean, NYU-Abu Dhabi, Abu Dhabi, UAE, 15-17 March, 2015.

"*Oryza sativa* in East Africa: Social hierarchy and diffusion to and within the continent," Proto-Globalization in the Indian Ocean World, Jesus College, University of Oxford, Oxford, UK, 7-10 November, 2013.

"Africa and the Atlantic World," Arts and Humanities Lecture, Black River Community College, Paragould, AR, 18 February 2013.

"Rice, Civilization, and the Swahili Towns: Anti-Commodity and Anti-State," presented at the Second Anti-Commodity Workshop, Wageningen University, Netherlands, 27-28 September 2012.

"Arabs, Rice and Hierarchy on East Africa's Caravan Routes," presented at a conference in honor of Sara Berry at Johns Hopkins University, Baltimore, MD, April 13, 2012.

"Zanzibar: Imperialism and a Nineteenth Century Boomtown," presented at the Global Cities Seminar, University of Innsbruck, Innsbruck, Austria, November 3-4, 2011.

"Creating a National Diet: The Spread of Asian Rice in Tanzania," presented at *Dunia na Nchi Moja* (Tanzania in the World), Rice University and Texas Southern University, Houston, Texas, October 14-15, 2011.

"Rice and Social Hierarchy in East Africa," presented at the New Histories of Rice Conference at the Max Planck Institute for the History of Science, Berlin, Germany, March 25-26, 2011.

### **Presentations**

"Colonialism in 19<sup>th</sup> Century Africa in Global Perspective," West Memphis High School, West Memphis, AR, August 13, 2014.

Discussant, "Constructing Mobility and Authority," African Studies Association Annual Meeting, Baltimore, MD, November 21-24, 2013.

Panelist, "Forum: Biology and Agriculture in the Delta," Delta Blues Symposium, Arkansas State University, April 19, 2013.

"Using Genomic Analysis to Trace the Introduction of *Oryza sativa* to Africa," presented at the Rice Technical Working Group, Hot Springs, AR, February 29, 2012.

"Asian Rice in Africa: Plant Genetics and Crop History," at ASWAD, Pittsburg, PA., November 3-6, 2011.

"Asian Rice in the Atlantic: Using Plant Genetics to Address the Black "Rice Debate," a poster presented at the Rice and Language across Asia Symposium at Cornell University, September 22-25, 2011.

Discussant, "Peter Gran's *Rise of the Rich*: Theory in World History," World History Association Annual Meeting, Salem, Mass., June 25-28, 2009.



ARKANSAS STATE  
UNIVERSITY

Renewal Form  
for  
Regular Graduate Faculty Status

Name: Edward Hammerand

Date: 09/04/2015

Program or Department in which the  
Applicant seeks renewal of  
Regular Graduate Faculty Status:

Department of Computer Science

Signature of Originator:

Debra Ingram

Digitally signed by Debra Ingram  
DN: cn=Debra Ingram, o=Dept of Math/Stat and Dept of Comp Sci,  
email=dingram@astate.edu, c=US  
Date: 2015.09.04 17:19:34 -05'00'

Originator must be a department/program graduate faculty or chair (or program director in the case of interdisciplinary programs)  
Please sign, & click here to submit to Graduate Council for Review

From the Faculty Handbook:

**Qualifications**

Regular Member of the Graduate Faculty must be a full-time faculty member with a terminal degree. In exceptional cases, unique experience, specialized training and professional competence may substitute for a terminal degree. Regular Members must have documented evidence of an appropriate level of scholarly activity and continued participation in graduate education at the course, committee and program levels.

**Appointment Requirements and Procedure**

Application must include evidence of professional activity related to graduate education such as research, publication, exhibition or performance, membership in professional organizations, participation in regional and national meetings, excellence in teaching and the application must meet the qualification standards of the program or department. An appointment is recommended by the department/program graduate faculty and chair (or program director in the case of interdisciplinary programs) and approved by the Graduate Council.

**Do Not Type 'See CV'. Briefly List the Evidence of Compliance with  
Program Guidelines Completed Within the Last 6 Years.**

In the space provided, briefly describe how the applicant's scholarly or creative work in the last six years has met the program's particular expectations, as approved by the the Graduate Council (or using the Graduate Council's generic guidelines for programs that do not have Graduate Council approved guidelines) for regular graduate faculty :

(Please contact the Graduate School if you need a copy of your program/department Graduate Faculty guidelines.)

**Please attach a copy of applicant's CV to e-mail. Make sure that it is edited to include only activity from last six years to indicate how they met qualifications.**

Relevant activity since last renewal:

- \* Refereed papers - 3
- \* Total graduate classes taught - 26
- \* Graduate courses taught - CS 5413, CS 5423, CS 5433, CS 5943, CS 6413, CS 6423, CS 6493, CS 6713
- \* Thesis advising - 1

Attached partial CV includes other details for the above items.

☐ **Regular Graduate Faculty Status Renewed**

Appointment is for up to a six year term, at which time the faculty member may reapply. (Individual programs, departments, or colleges may choose to have shorter terms of appointment.)

☐ **Regular Graduate Faculty Status Not Renewed, see Explanation below**

Signature of  
Graduate Council Chair:

GC Chair: If approved by Graduate Council, please sign & click here to submit to Graduate School for Processing

## Faculty Vitae

1. Name

E. T. Hammerand

2. Education

Ph. D., Computer Science, University of Missouri-Rolla, 1990

M. S., Computer Science, University of Missouri-Rolla, 1985.

B. S., Computer Science, University of Missouri-Rolla, 1984.

3. Academic experience

Arkansas State University, Associate Professor, 2012-date, full-time

Arkansas State University, Chair, 2010-2012, full-time

Arkansas State University, Associate Professor, 1995-2010, full-time

Arkansas State University, Assistant Professor, 1990-1995, full-time

University of Missouri-Rolla, Graduate Teaching Assistant, 1985-1990, part-time

University of Missouri-Rolla, Research Assistant, 1986-1989

4. Non-academic experience

none

5. Certifications or professional registrations

none

6. Current membership in professional organizations

none

7. Honors and awards

none

8. Service activities (within and outside of the institution)

department curriculum committee

department promotion, retention and tenure committee

Mathematics and Statistics promotion, retention and tenure committee

university Faculty Research Awards Committee

Director for Crowleys Ridge BEST Robotics, 2006 - 2012

9. Briefly list the most important publications and presentations from the past five years

"Modified Concurrent Access to the B-Link Tree." Co-author: Hung-Chi Su. In *Proceedings of the 25th International Conference on Computers and Their Applications*, March 2010, pp. 49-54.

"Top-Down Approach on Concurrent Access to the B-Link Tree." Co-author: Hung-Chi Su. In *Proceedings of the 19th International Conference on Software Engineering and Data Engineering*, June 2010.

"Reduced Split/Merge Propagation in a Modified B-Link Tree Design." Co-author: Hung-Chi Su. In *Journal of Computational Methods in Science and Engineering*, Vol. 11, Jan 2011, pp.29-40.

10. Briefly list the most recent professional development activities

self-directed



ARKANSAS STATE  
UNIVERSITY

Renewal Form  
for  
Regular Graduate Faculty Status

Name: Dr. Debra Ingram

Date: 09/04/2015

Program or Department in which the  
Applicant seeks renewal of  
Regular Graduate Faculty Status:

Department of Mathematics and Statistics

Signature of Originator:

Debra Ingram

Digitally signed by Debra Ingram  
DN: cn=Debra Ingram, o=Dept of Math/Stat and Dept of Comp Sci,  
email=d Ingram@astate.edu, c=US  
Date: 2015.09.04 16:53:18 -05'00'

Originator must be a department/program graduate faculty or chair (or program director in the case of interdisciplinary programs)  
Please sign, & click here to submit to Graduate Council for Review

From the Faculty Handbook:

**Qualifications**

Regular Member of the Graduate Faculty must be a full-time faculty member with a terminal degree. In exceptional cases, unique experience, specialized training and professional competence may substitute for a terminal degree. Regular Members must have documented evidence of an appropriate level of scholarly activity and continued participation in graduate education at the course, committee and program levels.

**Appointment Requirements and Procedure**

Application must include evidence of professional activity related to graduate education such as research, publication, exhibition or performance, membership in professional organizations, participation in regional and national meetings, excellence in teaching and the application must meet the qualification standards of the program or department. An appointment is recommended by the department/program graduate faculty and chair (or program director in the case of interdisciplinary programs) and approved by the Graduate Council.

**Do Not Type 'See CV'. Briefly List the Evidence of Compliance with  
Program Guidelines Completed Within the Last 6 Years.**

In the space provided, briefly describe how the applicant's scholarly or creative work in the last six years has met the program's particular expectations, as approved by the the Graduate Council (or using the Graduate Council's generic guidelines for programs that do not have Graduate Council approved guidelines) for regular graduate faculty :

(Please contact the Graduate School if you need a copy of your program/department Graduate Faculty guidelines.)

**Please attach a copy of applicant's CV to e-mail. Make sure that it is edited to include only activity from last six years to indicate how they met qualifications.**

\*Publications since last renewal: one publication  
\*Research presentations since last renewal: seven  
\*Student research projects directed since last renewal: three  
\*External funding for research since last renewal: three research grants  
\*Other research collaborations since last renewal: Optimal nonregular fractional factorial designs with Hong Zhou and Steffany Novosad  
\*Graduate courses taught since last renewal: STAT 6623-Statistical Methods with SAS Programming; STAT 6653-Data Analysis I: Regression Analysis; STAT 6663-Data Analysis II: ANOVA  
\*Graduate thesis/dissertation committee service since last renewal: several in the Department of Mathematics and Statistics; several in the Environmental Sciences Ph.D. Program  
\*Administrative duties: Chair of the Department of Mathematics and Statistics, 2007-present; Chair of the Department of Computer Science, 2013-present

☐ **Regular Graduate Faculty Status Renewed**

Appointment is for up to a six year term, at which time the faculty member may reapply. (Individual programs, departments, or colleges may choose to have shorter terms of appointment.)

☐ **Regular Graduate Faculty Status Not Renewed, see Explanation below**

Signature of  
Graduate Council Chair:

GC Chair: If approved by Graduate Council, please sign & click here to submit to Graduate School for Processing

## DR. DEBRA K. INGRAM

Chair, Department of Mathematics and Statistics, Arkansas State University

Chair, Department of Computer Science, Arkansas State University

[dingram@astate.edu](mailto:d Ingram@astate.edu)

(870) 680-8166

### EDUCATION

University of Minnesota	Mathematics	B.S.	1990
Arkansas State University	Mathematics	M.S.	1997
University of Memphis	Applied Statistics	Ph.D.	2000

Dissertation Advisor: Dr. Boxin Tang, currently at Simon Fraser University

### ACADEMIC POSITIONS

2013 – present Chair, Department of Computer Science, Arkansas State University  
Chair, Department of Mathematics and Statistics, Arkansas State University  
2007 – present Chair, Department of Mathematics and Statistics, Arkansas State University  
2006 – 2007 Assistant Chair, Department of Mathematics and Statistics, Arkansas State University  
2005 – present Associate Professor, Department of Mathematics and Statistics, Arkansas State University  
2000 – 2005 Assistant Professor, Department of Mathematics and Statistics, Arkansas State University  
1997 – 2000 Instructor and Graduate Teaching Assistant, Department of Mathematical Sciences, University of Memphis  
1998 Instructor, Mid-South Alliance for Minority Participation: Summer Enrichment Program in Science, Engineering, Mathematics, and Technology, Arkansas State University

### SELECTED PUBLICATIONS

H. Zhou, P. Muellerleile, D. Ingram, S. P. Wong (2011), "Confidence Intervals and F tests for Intraclass Correlation Coefficients Based on Three-way Mixed Models," *Journal of Educational and Behavioral Statistics*, Vol. 36, No. 5, pp. 638-671.

D. Ingram and B. Tang (2005), "Minimum  $G$  Aberration Design Construction and Design Tables for 24 Runs," *Journal of Quality Technology*, Vol. 37, pp. 101-114.

S. Belcher-Novosad and D. Ingram (2003), "Identifying Minimum  $G$  Aberration Designs from Hadamard Matrices of Order 28," *Journal of the Arkansas Academy of Science*, Vol. 57, pp. 202-205.

D. Ingram and B. Tang (2001), "Efficient Computational Algorithms for Searching for Generalized Minimum Aberration Designs," *Amer. Jour. of Mathematical and Management Sci.*, Vol. 21, pp. 325-344

### SELECTED STUDENT RESEARCH PROJECTS DIRECTED

Belina Santos (B.S. Mathematics, 2015. M.S. Mathematics expected 2017) – "Optimal Assignments of Control and Noise Factors for Robust Parameter Designs from Hadamard Matrices." Senior Honors Thesis, 2015. Research funded by Arkansas Department of Higher Education, Student Undergraduate Research Fellowship program, and NSF EPSCoR ASSET Initiative, 2015.

Kelsea Brewer Cox (B.S. Mathematics, 2011. M.S. Modeling and Simulation expected 2015) – "Application of Forward Selection of Columns of Hadamard Matrices for Nonregular Robust Parameter Design Construction." Research funded by Arkansas Department of Higher Education, Student Undergraduate Research Fellowship Program, and McNair Scholars Program.

Latia Carraway (M.S. Mathematics, 2008) – "Investigating the Use of Computational Algorithms for Constructing Nonregular Robust Parameter Designs." Masters Thesis, 2008.

## SELECTED PRESENTATIONS WITH STUDENT RESEARCHERS

*Optimal Assignments of Control and Noise Factors for Robust Parameter Designs from Hadamard Matrices*, with B. Santos. **Mathematical Association of America MathFest**, Wash., DC; August 2015

*Nonregular Robust Parameter Designs and Applications to Engineering and Quality Improvement Processes*, with B. Santos. **Annual Meeting of the Oklahoma-Arkansas Section of the Mathematical Association of America**, Tulsa, OK, April 2015

*Constructing Nonregular Robust Parameter Designs for Quality Improvement*, with K. Brewer and L. Carraway. **Annual Meeting of the Oklahoma-Arkansas Section of the Mathematical Association of America**, Arkadelphia, AR; March 2012

*Computational Algorithms for Constructing Nonregular Robust Parameter Designs*, with K. Brewer and L. Carraway. **Mathematical Association of America MathFest**, Lexington, KY; August 2011

*Investigating the Use of Computational Algorithms for Constructing Non-Regular Robust Parameter Designs*, with L. Carraway. **Joint Statistical Meetings**, Denver, CO; August 2008

## RELATED EXTERNAL FUNDING

ADHE - Arkansas Department of Higher Education

SURF = Student Undergraduate Research Fellowship Program

NSF EPSCoR/Arkansas ASSET Initiative: "Nonregular Robust Parameter Designs from Hadamard Matrices and Applications to Engineering Processes," 2015. \$6000

ADHE-SURF: "Optimal Assignments of Control and Noise Factors for Robust Parameter Designs from Hadamard Matrices," 2015. \$2750

2015-2016 U.S. Dept. of Education/ADHE-Leadership for Statewide Math and Science Initiatives, \$28,080

2014-2015 U.S. Dept. of Education/ADHE-Leadership for Statewide Math and Science Initiatives, \$28,080

2013-2014 U.S. Dept. of Education/ADHE-Leadership for Statewide Math and Science Initiatives, \$28,080

2012-2013 U.S. Dept. of Education/ADHE-Leadership for Statewide Math and Science Initiatives, \$28,080

2011-2012 U.S. Dept. of Education/ADHE-Leadership for Statewide Math and Science Initiatives, \$27,648

PI: Dr. Debra Ingram. Project Director: Dr. Suzanne Mitchell

ADHE-SURF: "Application of Forward Selection of Columns of Hadamard Matrices for Nonregular Robust Parameter Design Construction," 2011. \$3900

## SELECTED SYNERGISTIC ACTIVITIES & SHARED GOVERNANCE at AR State Univ

- |  |                |
|--|----------------|
| *National Science Foundation panel reviewer  | 2014           |
| *Shared Governance Oversight Committee and Co-Chair of Chairs Council                  | 2013 - present |
| *Complete College America Mathematics Redesign with University College                 | 2011 - present |
| *Academic Success Institute and First Year Programs Appeals Committee                  | 2010 - present |
| *Arkansas State University Student Chapter of the Mathematical Association of America  |                |
| Established and mentored by Dr. Debra Ingram   | 2004 - 2013    |
| *Undergraduate Enrollment and Academic Policy Committee, Committee Chair               | 2011 - 2013    |
| *Undergraduate Enrollment and Academic Policy Committee, Chairs Council representative | 2008 - 2013    |
| *Faculty Mentor for McNair Achievement Program   | 2010 - 2012    |
| *Head Judge for Crowley's Ridge BEST Robotics  | 2008 - 2012    |
| *Faculty Handbook Committee, College of Sciences and Mathematics representative        | 2007 - 2011    |
| *Developed and proposed graduate courses:  |                |
| STAT 6673-Design of Experiments, STAT 6623-Statistical Methods with SAS Programming,   |                |
| STAT 6653-Data Analysis I: Regression, STAT 6663-Data Analysis II: ANOVA               |                |
| *Developed and proposed the Ph.D. Minor in Statistics                                  |                |

## AWARDS AND RECOGNITIONS

- |   |             |
|---|-------------|
| *Dean's Distinguished Leadership Award, College of Sciences and Mathematics               | 2008        |
| *Board of Trustees Faculty Award for Teaching Excellence, Arkansas State University       | 2005        |
| *Project NExT Fellow of the Mathematical Association of America                           | 2001 - 2002 |
| *Graduate Assistant Meritorious Teaching Award (university-level award), Univ. Of Memphis | 2000        |



ARKANSAS STATE  
UNIVERSITY

Renewal Form  
for  
Regular Graduate Faculty Status

Name: Jeffrey Jenness

Date: 09/04/2015

Program or Department in which the  
Applicant seeks renewal of  
Regular Graduate Faculty Status:

Department of Computer Science

Signature of Originator:

Debra Ingram

Digitally signed by Debra Ingram  
DN: cn=Debra Ingram, o=Dept of Math/Stat and Dept of Comp Sci,  
email=d Ingram@astate.edu, c=US  
Date: 2015.09.04 17:21:21 -05'00'

Originator must be a department/program graduate faculty or chair (or program director in the case of interdisciplinary programs)  
Please sign, & click here to submit to Graduate Council for Review

From the Faculty Handbook:

**Qualifications**

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**Do Not Type 'See CV'. Briefly List the Evidence of Compliance with  
Program Guidelines Completed Within the Last 6 Years.**

In the space provided, briefly describe how the applicant's scholarly or creative work in the last six years has met the program's particular expectations, as approved by the the Graduate Council (or using the Graduate Council's generic guidelines for programs that do not have Graduate Council approved guidelines) for regular graduate faculty :

(Please contact the Graduate School if you need a copy of your program/department Graduate Faculty guidelines.)

**Please attach a copy of applicant's CV to e-mail. Make sure that it is edited to include only activity from last six years to indicate how they met qualifications.**

Relevant activity since last renewal:

\* Refereed papers - 9

\* Grants - 1

(Software Development Lead for Standoff Hazardous Agent Detection and Evaluation System (SHADES), DoD \$8.5M, Aug 2010-Aug 2013)

\* Total graduate classes taught - 33

\* Graduate courses taught - CS 5113, CS 5133, CS 5223, CS 5723, CS 5823, CS 6713

\* Thesis advising - 2

Attached partial CV includes other details for the above items.

☐ **Regular Graduate Faculty Status Renewed**

Appointment is for up to a six year term, at which time the faculty member may reapply. (Individual programs, departments, or colleges may choose to have shorter terms of appointment.)

☐ **Regular Graduate Faculty Status Not Renewed, see Explanation below**

Signature of  
Graduate Council Chair:

GC Chair: If approved by Graduate Council, please sign & click here to submit to Graduate School for Processing



## Faculty Vitae

### 1. Name

Jeff Jenness

### 2. Education

Ph. D., Computer Science, Missouri University of Science and Technology, 1993.

M. S., Mathematics, Missouri University of Science and Technology, 1988.

B. S., Mathematics, Missouri Southern State University, 1986.

### 3. Academic experience

Arkansas State University, Assistant Professor, 1991–1996, full time

Arkansas State University, Associate Professor, 1996–present, full time

Arkansas State University, Assistant Chair, Mathematics and Computer Science, 1999–2000, full time

Arkansas State University, Chair, Mathematics and Computer Science, 2001–2003, full time

Arkansas State University, Chair, Computer Science, 2003–2010, full time

### 4. Non-academic experience

Datasmart Software Inc., consultant, program design, 2014, part time

Mid-South Health Systems, consultant, systems evaluation, 2004, part time

Missouri Southern State University, consultant, program evaluation, 2003, part-time

### 5. Certifications or professional registrations

none

### 6. Current membership in professional organizations

Association for Computing Machinery

Upsilon Pi Epsilon

### 7. Honors and awards

Dean's Distinguished Administrator Award, 2006

### 8. Service activities (within and outside of the institution)

Department PRT Committee

Department Faculty Senator

College PRT Committee

College Curriculum Committee

University General Education Committee,

University Technology Committee

Assist with Graduate Assistant Training

Head Referee for Crowleys Ridge BEST Robotics, 2006 – 2012

9. Briefly list the most important publications and presentations from the past five years

"A Reliable File Management System based on Scaled Secret Sharing." Co-authors: Shen, F., Jiang, H. In *Proceedings of the 2010 International Conference on Parallel and Distributed Processing Techniques and Applications*, 2010.

"CUDA-based AES Parallelization with Fine-Tuned GPU Memory Utilization." Co-authors: Mei, C., Jiang, H. In *11th IEEE International Workshop on Parallel and Distributed Scientific and Engineering Computing*, 2010.

"Pitcher: Enabling Distributed Parallel Computing with Automatic Thread and Data Assignments." Co-authors: Mei, C., Jiang, H. In *24th IEEE International Conference on Advanced Information Networking and Application*, 2010.

"MCD: Mesh Closure Detection for Localized Load Balancing in Scientific Applications." Co-authors: Mei, C., Li, R., Jiang, H. In *The 12th IEEE International Conference on Computational Science and Engineering*, 2009.

"MM-DSM: Multithreaded Multi-home Distributed Shared Memory Systems." Co-authors: Mei, C., Jiang, H. In *The 2009 IEEE International Symposium on Parallel and Distributed Processing with Applications*, 2009.

"MM-DSM: Multithreaded Multi-home Distributed Shared Memory Systems." Co-authors: Mei, C., Jiang, H. In *Proceedings of The 2009 IEEE International Symposium on Parallel and Distributed Processing with Applications*, 2009.

"MTS: Multiresolution Thread Selection for Parallel Workload Distribution." Co-authors: Mei, C., Jiang, H. In *Proceedings of The 4th International Conference on Grid and Pervasive Computing*, 2009.

"Thread Clustering and Selection Schemes for Medium-Grained Computation Migration." Co-authors: Mei, C., Jiang, H. In *Proceedings of The Tenth International Conference on Software Engineering, Artificial Intelligence, Networking, and parallel/Distributed Computing*, 2009.

"Towards Locality-Based Data Sharing Among Distributed Thread Bundles." Co-authors: Mei, C., Jiang, H. In *The 2009 International Conference on Parallel and Distributed Processing Techniques and Applications*, 2009.

10. Briefly list the most recent professional development activities



ARKANSAS STATE  
UNIVERSITY

Renewal Form  
for  
Regular Graduate Faculty Status

Name: Dr. Hai Jiang

Date: 09/04/2015

Program or Department in which the  
Applicant seeks renewal of  
Regular Graduate Faculty Status:

Department of Computer Science

Signature of Originator:

Debra Ingram

Digitally signed by Debra Ingram  
DN: cn=Debra Ingram, o=Dept of Math/Stat and Dept of Comp Sci,  
email=d Ingram@astate.edu, c=US  
Date: 2015.09.04 17:25:23 -05'00'

Originator must be a department/program graduate faculty or chair (or program director in the case of interdisciplinary programs)  
Please sign, & click here to submit to Graduate Council for Review

From the Faculty Handbook:

**Qualifications**

Regular Member of the Graduate Faculty must be a full-time faculty member with a terminal degree. In exceptional cases, unique experience, specialized training and professional competence may substitute for a terminal degree. Regular Members must have documented evidence of an appropriate level of scholarly activity and continued participation in graduate education at the course, committee and program levels.

**Appointment Requirements and Procedure**

Application must include evidence of professional activity related to graduate education such as research, publication, exhibition or performance, membership in professional organizations, participation in regional and national meetings, excellence in teaching and the application must meet the qualification standards of the program or department. An appointment is recommended by the department/program graduate faculty and chair (or program director in the case of interdisciplinary programs) and approved by the Graduate Council.

**Do Not Type 'See CV'. Briefly List the Evidence of Compliance with  
Program Guidelines Completed Within the Last 6 Years.**

In the space provided, briefly describe how the applicant's scholarly or creative work in the last six years has met the program's particular expectations, as approved by the the Graduate Council (or using the Graduate Council's generic guidelines for programs that do not have Graduate Council approved guidelines) for regular graduate faculty:

(Please contact the Graduate School if you need a copy of your program/department Graduate Faculty guidelines.)

**Please attach a copy of applicant's CV to e-mail. Make sure that it is edited to include only activity from last six years to indicate how they met qualifications.**

- ☐ Taught and opened graduate-level courses
- ☐ Supervised graduate thesis research
- ☐ Published papers in international journals and conference proceedings
- ☐ Served as international journal editors
- ☐ Organized international conferences
- ☐ Acquired external grants
- ☐ Reviewed external grant proposals
- ☐ Served on different-level committee on ASU campus

☒ **Regular Graduate Faculty Status Renewed**

Appointment is for up to a six year term, at which time the faculty member may reapply. (Individual programs, departments, or colleges may choose to have shorter terms of appointment.)

☐ **Regular Graduate Faculty Status Not Renewed, see Explanation below**

Signature of  
Graduate Council Chair:

GC Chair: If approved by Graduate Council, please sign & click here to submit to Graduate School for Processing

## Hai Jiang, Ph. D.

### CONTACT INFORMATION

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Jonesboro, AR 72404  
E-mail: [hjiang@astate.edu](mailto:hjiang@astate.edu)

Voice: (901) 351-6661  
Fax: (870) 972-3950  
Web: <http://www.cs.astate.edu/~hjiang>

### RESEARCH INTERESTS

Parallel & Distributed Systems; Cloud, Grid, Cluster and Peer-to-Peer Computing; Computer & Network Security; High-Performance Computing and Networking; Modeling & Simulation

### EDUCATION

**Wayne State University, Detroit, Michigan, USA**

- ☐ Ph.D. in Computer Science (GPA 4.0/4.0), December 2003
  - Dissertation: "Process/Thread Migration and Checkpointing for Homogeneous and Heterogeneous Distributed Systems"
  - Advisor: Prof. Vipin Chaudhary
- ☐ Graduate Certificate in Scientific Computing (GPA 4.0/4.0), 2003
- ☐ M.A. in Computer Science (GPA 4.0/4.0), December 1995

**Beijing University of Posts and Telecommunications, Beijing, China**

- ☐ B.S. in Computer Engineering (with honors), July 1989

### HONORS AND AWARDS

- ☐ NVIDIA CUDA Teaching Center, NVIDIA Corporation, 2011
- ☐ College Achievement Award for Advising, College of Sciences and Mathematics, Arkansas State University, 2009
- ☐ NERSC (National Energy Research Scientific Computing Center) Allocation Award, 2007 - present
- ☐ Outstanding Leadership Award, Organization Committee of the 2008 IEEE International Symposium on Parallel and Distributed Processing with Applications (ISPA-08), Sydney, Australia, December 2008
- ☐ NSF IGERT Fellowship, 2001 - 2003
- ☐ Wayne State University, Thomas C. Rumble Fellowship, 1993 - 1994
- ☐ First Prize in Beijing University of Posts and Telecom. Mathematical Competition, 1986

### TEACHING EXPERIENCE

- ☐ Associate Professor: Taught undergraduate and graduate courses at Arkansas State University

Course	Level	Semester
Distributed Systems	Graduate	Spring'10,'12,'14
Computer & Network Security	Graduate	Spring'14
Data Security	Graduate	Fall'09,'11,'13,'15
Parallel Processing	Graduate	Fall'10,'12,'14,'15
High Performance Computing	Graduate	Spring'11,'12,'13,'15
Advanced Computer Architecture	Graduate	Spring'13,'15
UNIX Systems Programming	Grad/Undergrad	Spring'09
Operating Systems	Undergraduate	Fall'09
Computer Organization/Architecture	Undergraduate	Spring'09-10, Fall'10,'11,'13,'14,'15
Assembly Language Programming	Undergraduate	Fall'09

- ☐ Advised Masters Students (with theses) at Arkansas State University
  - Chonglei Mei: Graduated with **Graduate Student Award** in 2010. First position: Ph. D. student at **University of Minnesota** with Teaching/Research Assistantship. Current position: Microsoft, Seattle.

- Feng Shen: Graduated with **Graduate Student Award** in 2011. First position: Ph. D. student at **University at Buffalo, The State University of New York** with Teaching Assistantship.
- Zhu Wang: Graduated with **Graduate Student Award** in 2011. Current position: Computer System Analyst, Amazon, Seattle.
- Su Chen: Graduated with **Graduate Student Award** in 2012. First position: Software Engineer, SunWest Mortgage Company, LA.
- Hsuan-Hsiu Ou: Graduated with **Graduate Student Award** in 2012. First position: Senior Application Developer, VivaKi, Seattle.
- Yi Chen: Graduated with **Graduate Student Award** in 2013. First position: Business Intelligence Engineer, Amazon AWS, Seattle.
- Yulu Zhang: Graduated with **Graduate Student Award** in 2013. First position: Software Developer, 70KFT, Dallas, Texas
- Jie Zhu: Graduated with **Outstanding Student Award** in 2014. First position: Software Developer, Wal-Mart Stores, Inc., Arkansas
- Tianyu Bai: Graduated in 2014
- Xinyuan Guo: Graduated in 2014
- Zhi Qiao: Graduated in 2014
- Harshit Gupta: Graduated in 2015
- Shuwen Liang: Graduated in 2015
- ☐ Advised Undergraduate Students (with honor thesis) at Arkansas State University
  - Jon Calhoun: Graduated with **Undergraduate Student Award** in 2012. First position: A Ph. D. student at **University of Illinois at Urbana-Champaign** with Teaching/Research Assistantship. The other option: A Ph. D. student at **Princeton University** with Fellowship.
- ☐ Supervised Undergraduate Students (with publications) at Arkansas State University
  - Jon Calhoun & Josh Graham: 2011, On Using a Graphics Processing Unit to Solve the Closest Substring Problem.
  - Spencer Davis & Erikson Hardesty: 2011, Towards Utilizing Remote GPUs for CUDA Program Execution.
  - Jon Calhoun & Josh Graham: 2012, Acceleration of Generalized Minimum Aberration Designs of Hadamard Matrices on Graphics Processing Units.
  - Jon Calhoun: 2012, Preemption of a CUDA Kernel Function.
- ☐ Visiting Assistant Professor: Taught a graduate-level course "Parallel Computing I" (Winter'04) at Wayne State University

#### RESEARCH EXPERIENCE

##### Associate Professor

May, 2009 - present

Department of Computer Science, *Arkansas State University*

- ☐ Campus Champion of NSF XSEDE and CI-TRAIN for Arkansas State University
- ☐ Investigator of The Cyberinfrastructure of AR
- ☐ Director of NVIDIA CUDA Teaching Center
- ☐ Director of Scalable & Secure Systems Laboratory
  - Supported by NSF, ASTA, Arkansas Department of Higher Education, NVIDIA, Arkansas State University and Lawrence Livermore National laboratory

#### FUNDINGS AND GRANTS

- ☐ Enhancing A-State's High Performance Computing Infrastructure through SC14, Provost's Faculty Development Award, Arkansas State University, 2014, \$2,000.00
- ☐ NSF EPSCoR Track-2: Cyberinfrastructure for Transformational Scientific Discovery in Arkansas

and West Virginia (CI-TRAIN), Senior Personnel and ASU Faculty Champion, September 1, 2009 – August 31, 2013, \$85,190.00

- Arkansas Science & Technology Authority (ASTA): The Cyberinfrastructure of AR, Senior Personnel, January 15, 2010 – August 31, 2013, \$311,066.00
- Arkansas Department of Higher Education/ASU: Student Undergraduate Research Fellowship (SURF) for Matthew Manning, PI, January 01, 2013 – December 31, 2013, \$4,000.00
- College of Sciences and Mathematics, Arkansas State University: GRADES-SR: MapReduce in GPU Clouds, PI, Summer, 2013, \$5,000.00
- NVIDIA Corporation: CUDA Teaching Center, PI, January 01, 2011 – December 31, 2011, \$2,750.00 and six GPUs
- ASU Undergraduate Research for Erik Hardesty, PI, January 01, 2011 – December 31, 2011, \$3,250.00
- ProtechSoft, Inc. Agreement, PI, May 16, 2011 – November 14, 2011, \$32,400.00
- Arkansas State University: Faculty Research Fund 2008 (A Framework of State-Carry Computing for Scientific Applications), PI, July 1, 2008 – June 30, 2009, \$4,400

#### BOOKS

V. Chaudhary, H. Jiang and J. P. Walters, Book "Computation Checkpointing and Migration", Nova Science Publishers, Inc., October, 2009. ISBN: 978-1607418405.

K.-C. Li, H. Jiang, L. Yang and A. Guzzocrea, Book "Big Data: Algorithms, Analytics and Applications", Chapman & Hall/CRC Big Data Series, CRC Press, Taylor & Francis Group, USA. February, 2015. ISBN: 978-1482240559.

#### PUBLICATIONS

H. Jiang, F. Shen, S. Chen, K.-C. Li and Y. Jeong, "A Secure and Scalable Storage System for Aggregate Data in IoT", In Future Generation Computer Systems, Volume 46, pp. 133-141, 2015.

S. Davis, B. Jones and H. Jiang, "Portable Parallelized Blowfish Via RenderScript", In Proceedings of the 16th IEEE/ACIS International Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing (SNPD), 2015.

Z. Li, Q. Li, Z. Xu, H. Jiang and K.-C. Li, "A Secured Transmission Model for EPC Network", In International Journal of Embedded Systems, V7 N3/4, 2015.

H. Jiang, Y. Chen, Z. Qiao, T. Weng and K.-C. Li, "Scaling up MapReduce-based Big Data Processing on Multi-GPU Systems", In Cluster Computing, Volume 18, Issue 1, pp. 369-383, 2015.

Z. Li, K.-C. Li, H. Jiang, L. Shi, J. Ma and Y. Xie, "Analysis of File Pollution in P2P Networks with Epidemic Model", Accepted by Journal of Internet Technology, 2015.

Q. Zhou, J. Yang, J. Wu, Y. Tian, J. Wang, H. Jiang and K.-C. Li, "An Improved Algorithm to Convert CAD Model to MCNP Geometry Model based on STEP File", In Annals of Nuclear Energy, 78, pp. 81-88, 2015.

J. Zhu, H. Jiang, J. Li, E. Hardesty, K.-C. Li and Z. Li, "Embedding GPU Computations in Hadoop", In International Journal of Networked and Distributed Computing (IJNDC), 2(4), pp. 211-220, 2014.

T. Bai, S. Davis, J. Li and H. Jiang, "Analysis and Acceleration of NTRU Lattice-Based Cryptographic System", In Proceedings of the 15th IEEE/ACIS International Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing (SNPD 2014), Las Vegas, USA, June 30 - July 2, 2014.

Z. Qiao, S. Liang, S. Davis and H. Jiang, "Survey of Attribute Based Encryption", In Proceedings of the 15th IEEE/ACIS International Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing (SNPD 2014), Las Vegas, USA, June 30 - July 2, 2014.

J. Zhu, J. Li, E. Hardesty, H. Jiang and K.-C. Li, "GPU-In-Hadoop: Enabling MapReduce Across Distributed Heterogeneous", In Proceedings of the 13th IEEE/ACIS International Conference on Computer and Information Science (ICIS 2014), Taiyuan, China, June 4-6, 2014.

R. Zhou, Z. Ai, J. Hu, Q. Liu, Q. Zhou, Z. Wang, H. Jiang and K.-C. Li, "Platforms Data Integrity Checking for iSCSI with Dm-verity", In Advanced Technologies, Embedded and Multimedia for Human-Centric Computing, Lecture Notes in Electrical Engineering, Volume 260, pp 691-697, 2014.

H. Jiang, Y. Chen, Z. Qiao, K.-C. Li, W. Ro and J. Gaudiot, "Accelerating MapReduce Framework on Multi-GPU Systems", In Cluster Computing, 17(2), pp 293-301, 2014.

J. Qi, K.-C. Li, H. Jiang, Q. Zhou and L. Yang, "GPU-Accelerated DEM Implementation with CUDA", In International Journal of Computational Science and Engineering (IJCSE), 2013.

H. Jiang, Y. Zhang, J. Jenness and K.-C. Li, "A Checkpoint/Restart Scheme for CUDA Applications with Complex Computation States", In International Journal of Networked and Distributed Computing (IJNDC), Vol. 1, No. 4, pp. 196-212, November 2013.

R. Zhou, Z. Ai, J. Hu, Q. Liu, Q. Zhou, K.-C. Li, X. Wang and H. Jiang, "Data Integrity Checking for iSCSI by DM-verity", In Proceedings of the 8th International Conference on Embedded and Multimedia Computing (EMC2013), Taipei, Taiwan, August 22-24, 2013.

Y. Zhang, X. Guo, H. Jiang, K.-C. Li and J. Hall, "A Checkpoint/Restart Scheme for CUDA Applications with Complex Memory Hierarchy", In Proceedings of the 14th IEEE/ACIS International Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing (SNPD 2013), Honolulu, Hawaii, USA, July 01-03, 2013.

Y. Chen, Z. Qiao, S. Davis, H. Jiang and K.-C. Li, "Pipelined Multi-GPU MapReduce for Big-Data Processing", In Proceedings of the 12th IEEE/ACIS International Conference on Computer and Information Science (ICIS 2013), Toki Messe, Niigata, Japan, June 16-20, 2013.

Y. Zhang, X. Guo, H. Jiang, K.-C. Li and J. Hall, "Towards Constructing Application-Level GPU Computation States", In Proceedings of the 12th IEEE/ACIS International Conference on Computer and Information Science (ICIS 2013), Toki Messe, Niigata, Japan, June 16-20, 2013.

H. Jiang, Y. Chen, Z. Qiao, K.-C. Li, W. Ro, and J. Gaudiot, "Accelerating MapReduce Framework on Multi-GPU Systems", In Journal of Cluster Computing, Springer, May 2013.

Y. Chen, Z. Qiao, H. Jiang, K.-C. Li and W. Ro, "MGMR: Multi-GPU Based MapReduce", In Proceedings of the 18th International Conference on Grid and Pervasive Computing (GPC 2013), Seoul, Korea, May 09-11, 2013.

C. Ku, K.-C. Li, C. Hsu, K. Lai, M. Hsieh, T. Hsiung, and H. Jiang, "IP Address Management in Virtualized Cloud Environments", In Proceedings of the 2012 International Conference on Intelligent Technologies and Engineering Systems (ICITES), Lecture Notes in Electrical Engineering (LNEE), Vol. 234, Springer, Changhua City, Taiwan, December, 2012.

T. Weng, H. Pham, H. Jiang, and K.-C. Li, "Designing Parallel Sparse Matrix Transposition Algorithm Using CSR for GPUs", In Proceedings of the 2012 International Conference on Intelligent Technologies and Engineering Systems (ICITES), Lecture Notes in Electrical Engineering (LNEE),

Vol. 234, Springer, Changhua City, Taiwan, December, 2012.

J. Calhoun and H. Jiang, "Preemption of a CUDA Kernel Function", In Proceedings of the 13th IEEE/ACIS International Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing (SNPD 2012), Kyoto, Japan, August 08-10, 2012.

F. Shen, H. Jiang, L. T. Yang and S. Chen, "A Secure File Storage System with Scaled Secret Sharing", In Proceedings of the 2012 Summer FTRA International Symposium on Advances in Cryptography, Security and Applications for Future Computing (ACSA 2012 SUMMER), Vancouver, Canada, June 26-28, 2012.

J. Calhoun, J. Graham, H. Zhou and H. Jiang, "Acceleration of Generalized Minimum Aberration Designs of Hadamard Matrices on Graphics Processing Units", In Proceedings of the Fifth International Symposium on Advances of High Performance Computing and Networking (AHPCN-2012), in conjunction with The 14th IEEE International Conference on High Performance Computing and Communications (HPCC-2012), Liverpool, UK, June 25-27, 2012.

S. Chen, Y. Chen, H. Jiang, L. T. Yang and K.-C. Li, "A Secure Distributed File System Based on Revised Blakley's Secret Sharing Scheme", In Proceedings of the 11th IEEE International Conference on Trust, Security and Privacy in Computing and Communications (TrustCom-2012), Liverpool, UK, June 25-27, 2012.

S. Chen, L. Bai, Y. Chen, H. Jiang and K.-C. Li, "Deploying Scalable and Secure Secret Sharing with GPU Many-Core Architecture", In Proceedings of the 13th IEEE International Workshop on Parallel and Distributed Scientific and Engineering Computing (PDSEC-12), in conjunction with The 26th Parallel and Distributed Processing Symposium (IPDPS-12), Shanghai, China, May 21-25, 2012.

C. Zhang, L. Bai, S. Chen, and H. Jiang, "On Virtual Machine Security Issues in Cloud Computing", In Proceedings of the Fourth International Symposium on Computer Science and Technology (ISCST2012), Ningbo, China, May 18-20, 2012.

Y. Chen, S. Chen and H. Jiang, "MapReduce Implementation with Multi-GPU", In Proceedings of the Fourth International Symposium on Computer Science and Technology (ISCST2012), Ningbo, China, May 18-20, 2012.

Y. Zhang, J. Hall and H. Jiang, "Development on Gossip Trust for Reputation Systems in Unstructured Peer-to-Peer Networks", In Proceedings of the Fourth International Symposium on Computer Science and Technology (ISCST2012), Ningbo, China, May 18-20, 2012.

H. Ou, J. Jenness, Y. Huang and H. Jiang, "Automatic GPU Programming in .NET", In Proceedings of the Fourth International Symposium on Computer Science and Technology (ISCST2012), Ningbo, China, May 18-20, 2012.

H. Ou, S. Davis, C. Zhang and H. Jiang, "Enabling .NET Programs for GPU-based High Performance Computing", In Proceedings of the 23rd IASTED International Conference on Parallel and Distributed Computing and Systems (PDCS 2011), Dallas, USA, December 14-16, 2011.

Y. Ji, H. Jiang and V. Chaudhary, "A Heuristic Checkpoint Placement Algorithm for Adaptive Application-Level Checkpointing", In International Journal of Applied Science and Technology, 1(6), pp. 50-61, November, 2011.

S. Chen and H. Jiang, "Accelerating Circle Detection based on Generalized Projection Method with GPUs", In Proceedings of the 11th IEEE International Conference on Scalable Computing and Communications (ScalCom 2011), Pafos, Cyprus, August 31 - September 02, 2011.



S. Chen and H. Jiang, "An Exact Matching Approach for High Throughput Sequencing based on BWT and GPUs", In Proceedings of the 14th IEEE International Conference on Computational Science and Engineering (CSE-2011), Dalian, China, August 24-26, 2011.

S. Chen, C. Zhang, F. Shen, L. Bai and H. Jiang, "Achieving High Throughput Sequencing with Graphics Processing Units", In Proceedings of 2011 International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA), Las Vegas, Nevada, USA, July 18-21, 2011.

J. Calhoun, J. Graham and H. Jiang, "On Using a Graphics Processing Unit to Solve the Closest Substring Problem", In Proceedings of 2011 International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA), Las Vegas, Nevada, USA, July 18-21, 2011.

X. Ji, S. Davis, E. Hardesty, X. Liang, S. Saha and H. Jiang, "Towards Utilizing Remote GPUs for CUDA Program Execution", In Proceedings of 2011 International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA), Las Vegas, Nevada, USA, July 18-21, 2011.

Z. Wang, J. Graham, N. Ajam and H. Jiang, "Design and Optimization of Hybrid MD5-Blowfish Encryption on GPUs", In Proceedings of 2011 International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA), Las Vegas, Nevada, USA, July 18-21, 2011.

S. Chen and H. Jiang, "Accelerating the Hough Transform with CUDA on Graphics Processing Units", In Proceedings of 2011 International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA), Las Vegas, Nevada, USA, July 18-21, 2011.

S. Chen, S. Davis, H. Jiang, and A. Novobilski, "CUDA-based Genetic Algorithm on Traveling Salesman Problem", In Proceedings of the 10th IEEE/ACIS International Conference on Computer and Information Science (ICIS-201), Sanya, Hainan Island, China, May 16-18, 2011.

Y. Zhu, W. Zhang, H. Jiang, Y. Lei and J. Peng, "DCMTs: Supporting Dynamically Created Migratory Threads", In Proceedings of the 13th IEEE International Conference on Computational Science and Engineering (CSE-2010), Hong Kong SAR, China, December 11-13, 2010.

F. Shen and H. Jiang, "SFS: A Secure File System with Scalability and Reliability Features on Distributed Storage Devices", In Proceedings of the 9th IEEE/ACIS International Conference on Computer and Information Science (ICIS), Kaminoyama, Japan, August 18-20, 2010.

Z. Wang, C. Mei and H. Jiang, "DataXchg: A Portable Data Exchange Toolkit for Heterogeneous Computing", In Proceedings of the 9th IEEE/ACIS International Conference on Computer and Information Science (ICIS), Kaminoyama, Japan, August 18-20, 2010.

F. Shen, H. Jiang and J. Jenness, "A Reliable File Management System based on Scaled Secret Sharing", In Proceedings of the 2010 International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA), Las Vegas, USA, July 12-15, 2010.

Z. Wang, C. Mei, and H. Jiang, "DMarshal: A Data Marshaling Toolkit for High Performance Heterogeneous Computing", In Proceedings of the 2010 International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA), Las Vegas, USA, July 12-15, 2010.

C. Mei, R. Li, H. Zhou, and H. Jiang, "Exploiting Bit and GPU-Thread Level Parallelism in Construction of Generalized Minimum Aberration Designs", In Proceedings of the 2010 International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA), Las Vegas, USA, July 12-15, 2010.

F. Shen and H. Jiang, "A Trustworthy Storage System with Variable Data Partitioning", In *Journal of Systemics and Informatics World Network*, Volume 10, pp. 101-108, Foresight Academy of Technology, UK, July, 2010.

F. Shen and H. Jiang, "A Trustworthy Storage System with Variable Data Partitioning", In *Proceedings of the 4th International Conference on Complex Distributed Systems (CODS)*, Chongqing, China, July 12-14, 2010.

F. Shen, H. Jiang and Z. Xu, "On Post-Generation Data Operations in Secure Distributed Storage Systems with Internal Padding", In *Proceedings of the 10th IEEE International Conference on Scalable Computing and Communications (ScalCom)*, Bradford, UK, June 29-July 01, 2010.

Z. Wang, C. Mei, H. Jiang and G. A. Wilkin, "An Asymmetric Data Conversion Scheme based on Binary Tags", In *Proceedings of the 10th IEEE International Conference on Scalable Computing and Communications (ScalCom)*, Bradford, UK, June 29-July 01, 2010.

F. Shen, C. Mei, H. Jiang and Z. Xu, "Towards Secure and Reliable Data Storage with Multi-coefficient Secret Sharing", In *Proceedings of the third IEEE International Symposium on Trust, Security and Privacy for Emerging Applications (TSP)*, Bradford, UK, June 29-July 01, 2010.

X. Meng, Y. Ji and H. Jiang, "Advanced Acceleration Technologies for Biological Sequence Analysis", *Current Bioinformatics*, Vol. 5, Issue 2, June, 2010.

C. Mei, H. Jiang and J. Jenness, "Pitcher: Enabling Distributed Parallel Computing with Automatic Thread and Data Assignments", In *Proceedings of the 24th IEEE International Conference on Advanced Information Networking and Application (AINA)*, Perth, Australia, April 20-23, 2010.

C. Mei, H. Jiang and J. Jenness, "CUDA-based AES Parallelization with Fine-Tuned GPU Memory Utilization", In *Proceedings of 11th IEEE International Workshop on Parallel and Distributed Scientific and Engineering Computing (PDSEC)*, held with the 24th IEEE International Parallel and Distributed Processing Symposium (IPDPS), Atlanta, USA, April 19-23, 2010.

F. Shen, C. Mei, H. Jiang and Z. Xu, "Secret Sharing with Extended Coefficient Use for Improved Data Capacity", In *Proceedings of the IEEE Southeast Conference (SoutheastCon)*, Charlotte, NC, USA, March 18-21, 2010.

H. Jiang and Y. Ji, "State-Carrying Code for Computation Mobility", Book Chapter of *Handbook of Research on Scalable Computing Technologies*, Edited by K.-C. Li, C.-H. Hsu, L. T. Yang, J. Dongarra, H. Zima, IGI Global, 2009.

Z. Xu and H. Jiang, "HASS: Highly Available, Scalable and Secure Distributed Data Storage Systems", In *Proceedings of the 2009 IEEE/IFIP International Symposium on Trusted Computing and Communications (TrustCom)*, Vancouver, Canada, August 29-31, 2009.

C. Mei, R. Li, H. Jiang, and J. Jenness, "MCD: Mesh Closure Detection for Localized Load Balancing in Scientific Applications", In *Proceedings of the 12th IEEE International Conference on Computational Science and Engineering (CSE)*, Vancouver, Canada, August 29-31, 2009.

C. Mei, H. Jiang, and J. Jenness, "MM-DSM: Multi-threaded Multi-home Distributed Shared Memory Systems", In *Proceedings of the 2009 IEEE International Symposium on Parallel and Distributed Processing with Applications (ISPA)*, Chengdu and Jiuzhai Valley, China, August 10-12, 2009.

Z. Xu and H. Jiang, "Data Protection in Object-Based Storage Devices", In *Proceedings of the 2009 International Conference on Security and Management (SAM)*, Las Vegas, July 13-16, 2009.

C. Mei, H. Jiang, and J. Jenness, "Towards Locality-Based Data Sharing Among Distributed Thread Bundles", In *Proceedings of the 2009 International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA)*, Las Vegas, July 13-16, 2009.

C. Mei, H. Jiang, and J. Jenness, "Thread Clustering and Selection Schemes for Medium-Grained Computation Migration", In *Proceedings of the Tenth International Conference on Software Engineering, Artificial Intelligence, Networking, and Parallel/Distributed Computing (SNPD)*, Daegu, Korea, May 27-29, 2009.

C. Mei, H. Jiang, and J. Jenness, "MTS: Multiresolution Thread Selection for parallel Workload Distribution", In *Proceedings of the 4th International Conference on Grid and Pervasive Computing (GPC)*, Geneva, Switzerland, May 4-8, 2009.

C. Mei, H. Jiang, and J. Jenness, "Markov Clustering (MCL) based Thread Grouping and Thread Selection", In *Proceedings of the IEEE Southeast Conference (SEC09)*, Atlanta, GA, March 5-8, 2009.

#### PROFESSIONAL ACTIVITIES

##### ☐ Membership:

- ACM (Association for Computing Machinery)
- IEEE (Institute of Electrical and Electronics Engineers), Computer Society

##### ☐ Grant Proposal Reviewers:

- NSF (National Science Foundation) CISE/CNS Proposal Review Panelist, 2008, 2010
- DoE SGIG Merit Reviewer, 2009, 2010

##### ☐ Journal Editor:

- International Journal of High Performance Computing and Networking (IJHPCN), InderScience, ISSN (Online): 1740-0570, ISSN (Print): 1740-0562, 2014 - present

##### ☐ Regional Editors (North America):

- International Journal of Computational Science and Engineering (IJCSE), InderScience, ISSN (Online): 1742-7193, ISSN (Print): 1742-7185, 2011 - present
- International Journal of Embedded Systems (IJES), InderScience, ISSN (Online): 1741-1076, ISSN (Print): 1741-1068, 2012 - 2014

##### ☐ Editorial Board Members:

- International Journal of Big Data Intelligence (IJBDI), InderScience, InderScience, ISSN (Online): 2053-1397, ISSN (Print): 2053-1389, 2013 - present.
- The Scientific World Journal (TSWJ), Hindawi Publishing Corporation, 2013 - present.
- Open Journal of Internet of Things (OJIOT), RonPub UG, Lubeck, Germany, 2013 - present.
- GSTF Journal on Social Computing (JSC), Global Science and technology Forum, 2013 - present.

##### ☐ Guest Editors:

- International Journal of Ad Hoc and Ubiquitous Computing, Special Issue on Emergence of Large-Scale Ubiquitous Contexts Analysis, Inderscience Publishers, 2015.
- International Journal of Genomics, Special Issue on Novel Computational Technologies for Next-Generation Sequencing Data Analysis and Their Applications, Inderscience Publishers, 2015.
- IEEE Systems Journal, Special Issue on Green Pervasive and Ubiquitous Systems, 2014.
- Cluster Computing, Special Issue on Ubiquitous Multimedia System in Advanced Cluster Computing Technologies, 2014.
- The Scientific World Journal, Special Issue on Novel Computational Technologies for Next-Generation Sequencing Data Analysis and Their Applications, Hindawi Publishing Corporation, 2014.
- The Scientific World Journal, Special Issue on Emergence and Impact of Media-Empowered Content, Hindawi Publishing Corporation, 2014.
- IEEE Systems Journal, Special Issue: Intelligent Internet of Things, 2013.
- Guest Co-Editor of Special Issue on Toward Merging Green, Intelligent, and Mobility Ser-

vices, International Journal of Information Systems in Service Sector (IJISSS), 2009.

❑ **General Co-Chairs:**

- The 15th International Conference on Computational Science and Engineering (CSE 2012), Paphos, Cyprus, October 3-5, 2012.

❑ **Workshop Co-Chairs:**

- The 15th IEEE International Conference on High Performance Computing and Communications (HPCC-2013), Zhangjiajie, China, November 13-15, 2013.
- The Third International Workshop on Extreme Scale Computing Application Enablement - Modeling and Tools (ESCAPE), in conjunction with The 15th IEEE International Conference on High Performance Computing and Communications (HPCC-2013), Zhangjiajie, China, November 13-15, 2013.
- The 2012 International Workshop on GPU Computing in Clouds (GPU-Cloud 2012), in conjunction with the 4th International Conference on Cloud Computing Technology and Science, Taipei, Taiwan, December 3-6, 2012.
- The 7th International Conference on Future Information Technology (FutureTech 2012), Vancouver, Canada, June 26-28, 2012.
- The 9th IEEE International Symposium on Parallel and Distributed Processing with Applications (ISPA 2011), Busan, Korea, May 26-28, 2011.
- The 2009 International Workshop on GPU Technologies and Applications (GPUTA 2009), held with The 10th International Symposium on Pervasive Systems, Algorithms and Networks (I-SPAN2009), Kaohsiung, Taiwan, R.O.C., December 14-16, 2009.

❑ **Publication Co-Chairs:**

- The 5th IET International Conference on Ubi-media Computing (U-Media 2012), Xining, China, August 16-18, 2012.

❑ **Program Co-Chairs:**

- The 10th International Conference on Green, Pervasive and Cloud Computing (GPC 2015), Plantation Island, Fiji, May 4-6, 2015.
- The 13th IEEE International Conference on Scalable Computing and Communication (Scal-Com2013), Chengdu, China, December 21-22, 2013.
- The 3rd International Conference on Frontier Computing (FC2013), Gwangju, Korea, September 4-6, 2013.
- The 13th IEEE International Conference on Computational Science and Engineering (CSE-2010), Hong Kong SAR, China, December 11-13, 2010.

❑ **Program Vice-Chair:**

- The 12th IEEE International Conference on Computational Science and Engineering (CSE-09), Vancouver, Canada, August 29-31, 2009.

❑ **Program Committee Members:**

- The 16th IEEE/ACIS International Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing (SNPD 2015), Takamatsu, Japan, June 1-3, 2015.
- The First International Conference on Big Data, Small Data, Linked Data and Open Data (ALLDATA 2015), Barcelona, Spain, April 19-24, 2015.
- The 13th IEEE International Conference on Ubiquitous Computing and Communications (IUCC 2014), Chengdu, China, December 19-21, 2014.
- The 20th IEEE International Conference on Parallel and Distributed Systems (ICPADS 2014), Hsinchu, Taiwan, December 16-19, 2014.
- The 4th IEEE International Conference on Big Data and Cloud Computing (BDCloud 2014), Sydney, Australia, December 3-5, 2014.
- The Second International Conference on Advanced Cloud and Big Data (CBD 2014), Huangshan, Anhui, China, November 20-22, 2014.
- International Conference on Computational Intelligence and Communication Networks (IC-CICN 2014), Kolkata, West Bengal, India, November 14-16, 2014.

- The 27th International Conference on Computer Applications in Industry and Engineering (CAINE-2014), New Orleans, Louisiana, USA, October 13-15, 2014.
- The 13th IEEE International Conference on Trust, Security and Privacy in Computing and Communications (IEEE TrustCom-2014), Beijing, China, September 24-26, 2014.
- The 2014 International Workshop on Embedded Multicore Systems (ICPP-EMS 2014), held with The 43rd International Conference on parallel Processing (ICPP 2014), Minneapolis, MN, USA, September 9-12, 2014.
- The 15th IEEE/ACIS International Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing (SNPD 2014), Las Vegas, USA, June 30 - July 2, 2014.
- The 13th IEEE/ACIS International Conference on Computer and Information Science (ICIS 2014), Taiyuan, China, June 4-6, 2014.
- The 9th International Conference on Green, Pervasive and Cloud Computing (GPC 2014), Wuhan, China, May 26-28, 2014.
- The 15th IEEE International Workshop on Parallel and Distributed Scientific and Engineering Computing (PDSEC 2014), Phoenix, Arizona, USA, May 23, 2014.
- The 28th IEEE International Conference on Advanced Information Networking and Applications (AINA-2014), Victoria, Canada, May 13-16, 2014.
- The 5th International Conference on Creative Converged IT (CCIT 2014), Daejeon, Korea, April 9-12, 2014.
- The First International Conference on Advanced Cloud and Big Data (ICCD 2013), Nanjing, China, December 13-15, 2013.
- The 15th IEEE International Conference on High Performance Computing and Communications (HPCC-2013), Zhangjiajie, China, November 13-15, 2013.
- The 11th IEEE/IFIP International Conference on Embedded and Ubiquitous Computing (EUC-13), Zhangjiajie, China, November 13-15, 2013.
- The Fourth IEEE International Symposium on Trust, Security and Privacy for Emerging Applications (TSP-13), Zhangjiajie, China, November 13-15, 2013.
- The 26th IEEE/ACIS International Conference on Computer Applications in Industry and Engineering (CAINE-2013), Los Angeles, USA, September 25-27, 2013.
- The 12th IEEE International Conference on Trust, Security and Privacy in Computing and Communication (IEEE TrustCom-13), Melbourne, Australia, July 16-18, 2013.
- The 12th IEEE International Conference on Ubiquitous Computing and Communication (IEEE IUCC-13), Melbourne, Australia, July 16-18, 2013.
- The 14th IEEE/ACIS International Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing (SNPD 2013), Honolulu, Hawaii, USA, July 1-3, 2013.
- The 12th IEEE/ACIS International Conference on Computer and Information Science (ICIS 2013), Toki Messe Niigata, Japan, June 19-24, 2013.
- The 14th IEEE International Workshop on Parallel and Distributed Scientific and Engineering Computing (PDSEC-13), Boston, Massachusetts, USA, May 20-24, 2013.
- The 8th International Conference on Grid and Pervasive Computing (GPC-13), Seoul, Korea, May 9-11, 2013.
- The 27th IEEE International Conference on Advanced Information Networking and Applications (AINA-2013), Barcelona, Spain, March 25-28, 2013.
- The 3rd International Conference on Pervasive and Embedded Computing and Communication Systems (PECCS 2013), Barcelona, Spain, February 19-21, 2013.
- The 2012 IEEE Asia-Pacific Services Computing Conference (APSCC 2012), Guilin, China, December 6-8, 2012.
- The 25th International Conference on Computer Applications in Industry and Engineering (CAINE 2012), New Orleans, USA, November 14-16, 2012.
- The 2nd International Conference on Cloud and Green Computing (CGC 2012), Xiangtan, Hunan, China, November 1-3, 2012.
- The 14th IEEE International Conference on High Performance Computing and Communications (HPCC-2012), Liverpool, UK, June 25-27, 2012.

- The 11th IEEE International Conference on Ubiquitous Computing and Communications (IUCC 2012), Liverpool, UK, June 25-27, 2012.
- The 11th IEEE International Conference on Trust, Security and Privacy in Computing and Communications (TrustCom 2012), Liverpool, UK, June 25-27, 2012.
- The 11th IEEE/ACIS International Conference on Computer and Information Science (ICIS 2012), Shanghai, China, May 30-June 1, 2012.
- The 13th IEEE International Workshop on Parallel and Distributed Scientific and Engineering Computing (PDSEC-12), Shanghai, China, May 21-25, 2012.
- The 7th International Conference on Grid and Pervasive Computing (GPC 2012), Hong Kong, May 11-12, 2012.
- The International Conference on Cloud and Green Computing (CGC 2011), Sydney, Australia, December 12-14, 2011.
- The International Conference on Communication Systems and Network Technology (CSNT-2011), Gwalior, India, November 26-28, 2011.
- The International Conference on Computational Intelligence and Communications (CICN-2011), Gwalior, India, November 26-28, 2011.
- The Third International Conference on Advances in P2P Systems (AP2PS 2011), Lisbon, Portugal, November 20-25, 2011.
- The 10th IEEE International Conference on Trust, Security and Privacy in Computing and Communications (TrustCom-11), Changsha, China, November 16-18, 2011.
- The 10th IEEE International Symposium on Scalable Computing and Communications (ScalCom 2011), Cyprus, August 31 - September 02, 2011.
- The 2010 IEEE/IFIP International Symposium on Trusted Computing and Communications (TrustCom), Kowloon, Hong Kong, December 11-13, 2010.
- 2010 IEEE Asia-Pacific Services Computing Conference (APSCC 2010), Hangzhou, China, December 6-10, 2010.
- The Second International Conference on Advances in P2P Systems (AP2PS 2010), Florence, Italy, October 25-30, 2010.
- IEEE Workshop on Grid and P2P Systems and Applications (GridPeer 2010), Zurich, Switzerland, August 2-5, 2010.
- The Third IEEE International Symposium on Trust, Security and Privacy for Emerging Applications (TSP-10) Bradford, UK, June 29 - July 01, 2010.
- The 10th IEEE International Symposium on Scalable Computing and Communications (ScalCom 2010), Bradford, UK, June 29 - July 01, 2010.
- The 10th International Conference on Algorithms and Architectures for Parallel Processing (ICA3PP 2010), Busan, Korea, May 21-23, 2010.
- The 5th International Conference on Grid and Pervasive Computing (GPC 2010), Hualien, Taiwan, ROC, May 10-14, 2010.
- The 24th IEEE International Conference on Advanced Information Networking and Application (AINA 2010), Perth, Australia, April 20-23, 2010.
- The 11th IEEE International Workshop on Parallel and Distributed Scientific and Engineering Computing (PDSEC-10), Atlanta, USA, April 19-23, 2010.
- The 4th International Conference on Complex, Intelligent, and Software Intensive Systems (CISIS'2010), Krakow, Poland, February 15-18, 2010.
- The 2009 International Conference on Frontier of Computer Science and Technology (FCST 2009), Shanghai, China, December 17-19, 2009.
- The 2009 IEEE Asia-Pacific Services Computing Conference (APSCC 2009), Biopolis, Singapore, December 7-11, 2009.
- The First International Conference on Advances in P2P Systems (AP2PS 2009), Sliema, Malta, October 11-16, 2009.
- The 2009 IEEE International Symposium on Trust, Security and Privacy for Pervasive Applications (TSP 2009), Macau, China, October 5-7, 2009.
- Second World Summit on Knowledge Society (WSKS 2009), Organized by Open Research Society, Crete, Greece, September 16-18, 2009.
- The 2009 IEEE/IFIP International Symposium on Trusted Computing (TrustCom 2009), Van-

couver, Canada, August 29-31, 2009.

- IEEE Workshop on Grid and P2P Systems and Applications (GridPeer 2009), San Francisco, CA, USA, August 2-6, 2009.
- The 2009 World Congress in Computer Science, Computer Engineering and Applied Computing (WorldComp 2009), Las Vegas, Nevada, USA, July 13-16, 2009.
- The International Conference on Security and Cryptography (SECRYPT-09), Milan, Italy, July 7-10, 2009.
- The First International Symposium on Cyber-Physical Intelligence (CPI-09), Brisbane, Australia, July 7-10, 2009
- India 1st International Conference on Computational Intelligence, Communication Systems and Networks (CICSYN2009), Indore, India, July 23-25, 2009.
- The IEEE 23rd International Conference on Advanced Information Networking and Applications (AINA-09), Bradford, UK, May 26-29, 2009.
- The 10th IEEE International Workshop on parallel and Distributed Scientific and Engineering Computing (PDSEC-09), held with The 23rd parallel and Distributed Processing Symposium (IPDPS-09), Rome, Italy, May 25-29, 2009.
- The 4th International Conference on Grid and Pervasive Computing (GPC), Geneva, Switzerland, May 4-8, 2009.
- International Conference on Complex, Intelligent and Software Intensive Systems(CISIS 2009), Fukuoka, Japan, March 16-19, 2009.
- The 2009 Conference on Applied Research in Information Technology (ALAR), Conway, USA, February 13, 2009.

□ **Journal Reviews:**

- IEEE Transactions on Computers, 2012, 2014
- IEEE Transactions on Cloud Computing, 2014 (three times)
- IEEE Transactions on Emerging Topics in Computing, 2014
- IEEE Transactions on Parallel and Distributed Systems, 2010, 2011, 2012, 2013 (three times)
- IEEE Transactions on Network and Service Management, 2013
- Journal of Parallel and Distributed Computing, 2009 (three times), 2010 (three times), 2011 (twice), 2012 (twice), 2013, 2014
- The Journal of Supercomputing, 2010, 2011, 2012 (twice), 2013, 2014 (three times)
- Concurrency and Computation: Practice and Experience, 2011, 2012, 2013
- Future Generation Computer Systems, 2012, 2013 (three times)
- The Computer Journal, 2011
- International Journal of Parallel Programming, 2012
- Journal of Systems Architecture, 2012 (twice), 2013
- Journal of Network and Computer Applications, 2010 (twice), 2011 (twice)
- Journal of Computer and System Sciences, 2012
- Security and Communication Networks, 2012
- International Journal of Computational Science and Engineering, 2011, 2012, 2013 (twice)
- Transactions on Emerging Telecommunications Technologies, 2012
- Hindawi, 2012, 2013 (three times)
- Wireless Personal Communications, Springer, 2013
- The International Journal for Computers and Their Applications, 2009
- IEICE (The Institute of Electronics, Information and Communication Engineers) Transactions on Information and Systems, 2011

**BOOK REVIEWS**

□ **Morgan Kaufmann:**

- Distributed and Cloud Computing
- Virtual Machines
- Cloud Computing: Theory and Practice
- Virtualized Infrastructure and Cloud Services Management

□ **Wiley:**

- Cloud Computing: Technologies and Applications Programming

☐ ELSEVIER:

- The Basics of Cloud Computing

☐ CRC Press/Taylor & Francis Group LLC:

- Fundamentals of Parallel Multicore Architecture





ARKANSAS STATE  
UNIVERSITY

Renewal Form  
for  
Regular Graduate Faculty Status

Name: Donald 'Bud' Kennedy

Date: 24 April 2015

Program or Department in which the  
Applicant seeks renewal of  
Regular Graduate Faculty Status:

College of Agriculture and Technology

Signature of Originator:

Steven Green

Digitally signed by Steven Green  
DN: cn=Steven Green, o=Arkansas State University, ou=College of Agriculture  
and Technology, email=sgreen@astate.edu, c=US  
Date: 2015.04.24 14:32:24 -06'00'

Originator must be a department/program graduate faculty or chair (or program director in the case of interdisciplinary programs)  
Please sign, & click here to submit to Graduate Council for Review

From the Faculty Handbook:

**Qualifications**

*Regular Member of the Graduate Faculty must be a full-time faculty member with a terminal degree. In exceptional cases, unique experience, specialized training and professional competence may substitute for a terminal degree. Regular Members must have documented evidence of an appropriate level of scholarly activity and continued participation in graduate education at the course, committee and program levels.*

**Appointment Requirements and Procedure**

*Application must include evidence of professional activity related to graduate education such as research, publication, exhibition or performance, membership in professional organizations, participation in regional and national meetings, excellence in teaching and the application must meet the qualification standards of the program or department. An appointment is recommended by the department/program graduate faculty and chair (or program director in the case of interdisciplinary programs) and approved by the Graduate Council.*

**Do Not Type 'See CV'. Briefly List the Evidence of Compliance with  
Program Guidelines Completed Within the Last 6 Years.**

In the space provided, briefly describe how the applicant's scholarly or creative work in the last six years has met the program's particular expectations, as approved by the the Graduate Council (or using the Graduate Council's generic guidelines for programs that do not have Graduate Council approved guidelines) for regular graduate faculty :

(Please contact the Graduate School if you need a copy of your program/department Graduate Faculty guidelines.)

**Please attach a copy of applicant's CV to e-mail. Make sure that it is edited to include only activity from last six years to indicate how they met qualifications.**

Scholarly activities last 6 years:

4 presentations at national/international meetings  
2 thesis directed and completed  
1 grant: \$149,570

☒ **Regular Graduate Faculty Status Renewed**

Appointment is for up to a six year term, at which time the faculty member may reapply. (Individual programs, departments, or colleges may choose to have shorter terms of appointment.)

☐ **Regular Graduate Faculty Status Not Renewed, see Explanation below**

Signature of  
Graduate Council Chair:

GC Chair: If approved by Graduate Council, please sign & click here to submit to Graduate School for Processing

## Curriculum Vitae (2009-2015)

Donald Kennedy

### ▪ Degrees and Institutions granting the degrees:

- Ph.D, Louisiana State University, 1991
- M.Ed., Sam Houston State University, 1985
- B.S., Sam Houston State University, 1984

### ▪ Field of specialty

Animal Science

### ▪ Length of time employed at ASU

21years

### ▪ Current academic rank

Professor

### ▪ Scholarly Activity

1. Ahn, S., M. Yarbrough, H. Kaur, S-E. Choi, D. Gilmore, and D. Kennedy. 2013. Prevalence of shiga toxin-producing *Escherichia coli* (STEC) in beef cattle and cattle farms in Arkansas Delta region. International Association for Food Protection (IAFP) Annual Meeting. Book of Abstract, #4750.
2. Ahn, S., T. Austin, S. Wu, S-E. Choi, D. Gilmore and D. Kennedy. 2013. Comparison of four different methods for detection of shiga toxin-producing *Escherichia coli* (STEC) in environmental samples. International Association for Food Protection (IAFP) Annual Meeting. Book of Abstract, #4803.
3. David Gilmore, Harneet Kaur, Monica Yarbrough, and Donald Kennedy. 2013. Prevalence of shiga-toxin producing *Escherichia coli* on cattle farms in Northeast Arkansas. South central branch of the American society for microbiology annual meeting. Oct 31-Nov 1. New Orleans, LA.
4. Yarbrough, Monica. 2013. Prevalence of Shiga-toxin Producing *E. coli* on Cattle Farms Located in the Arkansas Delta Region. Thesis. Arkansas State University.
5. Kaur, Harneet. 2013. Detection of Shiga-toxin producing *E. Coli* Prevalence of Northeast Arkansas using cultural methods. Thesis. Arkansas State University.
6. Create A-STATE Prevalence of Shiga-toxin Producing *Escherichia coli* 0157:H7 on Beef Cattle Farms in Eastern Arkansas. Presenter: Tiffani Breckenridge, Mentor: Donald Kennedy
7. Prevalence of Shiga-toxin Producing *Escherichia coli* on Beef Cattle Farms in Eastern Arkansas. T. Breckenridge, D. Kennedy, D. Gilmore, H. Kaur, S. Choi, M. Yarbrough, and S. Pulley. ASAS – Southern Section Meeting, Jan. 31 – Feb. 3, 2015. Atlanta, GA. Abstract # 21

### ▪ Other evidence of scholarly activity (Grants)

1. Study of the Prevalence and Characterization of Shiga toxin-producing *E. coli* (STEC) from Cattle Farms in Arkansas Delta Region. 2010. \$149,570.

### ▪ University service activities

1. Delta Tau Alpha, 1993 – present (co-advisor)
2. Agricultural Council, 1997 – 2001 (advisor)
3. CoAT Undergraduate Curriculum and Policy, 1998 – 2011 (chair)
4. CoAT Farm Planning Committee, 1999 – 2010 (chair)
5. CoAT Internship Committee, 2008 – present (chair)
6. CoAT Assessment Committee, 2009-present (member)
7. Ag Animal Care and Use Committee, 2008-present (chair)

▪ **Graduate Courses taught**

1. ANSC 5673 – Digestive Physiology and Nutrition
2. ANSC 5743 – Equine Nutrition
3. ANSC 6003 – Current Issues in Animal Agriculture
4. AGRI 6203 – Intermediary Metabolism



ARKANSAS STATE  
UNIVERSITY

Renewal Form  
for  
Regular Graduate Faculty Status

Name: Joseph Key

Date: 8/31/15

Program or Department in which the  
Applicant seeks renewal of  
Regular Graduate Faculty Status:

History

Signature of Originator:

Joseph P. Key

Digitally signed by Joseph P. Key  
DN: cn=Joseph P. Key, o=Arkansas State University, ou=Department of History,  
email=jkey@astate.edu, c=US  
Date: 2015.08.31 16:09:57 -05'00'

Originator must be a department/program graduate faculty or chair (or program director in the case of interdisciplinary programs)  
Please sign, & click here to submit to Graduate Council for Review

From the Faculty Handbook:

**Qualifications**

Regular Member of the Graduate Faculty must be a full-time faculty member with a terminal degree. In exceptional cases, unique experience, specialized training and professional competence may substitute for a terminal degree. Regular Members must have documented evidence of an appropriate level of scholarly activity and continued participation in graduate education at the course, committee and program levels.

**Appointment Requirements and Procedure**

Application must include evidence of professional activity related to graduate education such as research, publication, exhibition or performance, membership in professional organizations, participation in regional and national meetings, excellence in teaching and the application must meet the qualification standards of the program or department. An appointment is recommended by the department/program graduate faculty and chair (or program director in the case of interdisciplinary programs) and approved by the Graduate Council.

**Do Not Type 'See CV'. Briefly List the Evidence of Compliance with  
Program Guidelines Completed Within the Last 6 Years.**

In the space provided, briefly describe how the applicant's scholarly or creative work in the last six years has met the program's particular expectations, as approved by the the Graduate Council (or using the Graduate Council's generic guidelines for programs that do not have Graduate Council approved guidelines) for regular graduate faculty :

(Please contact the Graduate School if you need a copy of your program/department Graduate Faculty guidelines.)

**Please attach a copy of applicant's CV to e-mail. Make sure that it is edited to include only activity from last six years to indicate how they met qualifications.**

My book reviews and manuscript reviews meet the department qualifications for graduate faculty status.

☐ **Regular Graduate Faculty Status Renewed**

Appointment is for up to a six year term, at which time the faculty member may reapply. (Individual programs, departments, or colleges may choose to have shorter terms of appointment.)

☐ **Regular Graduate Faculty Status Not Renewed, see Explanation below**

Signature of  
Graduate Council Chair:

GC Chair: If approved by Graduate Council, please sign & click here to submit to Graduate School for Processing

**Dr. Joseph Key**  
**Associate Professor and Chair of History**  
**Scholarly activity 2009-2015**

### **Publications**

"The Quapaw Tribe," *KnowLA Encyclopedia of Louisiana*, October 2, 2013

### **Book reviews**

Gordon M. Sayre, ed., *The Memoir of Lieutenant Dumont, 1715-1747*. Arkansas Historical Quarterly 72 (Winter 2013), 402.

William R. Carter, *Indian Alliances and the Spanish in the Southwest, 750-1750*. Louisiana History 53 (Fall 2012), 472.

Brock Thompson, *The Un-Natural State: Arkansas and the Queer South*. Arkansas Historical Quarterly 70 (Autumn 2011), 337-338.

Carl Ekberg, *Stealing Indian Women*. Arkansas Review: A Journal of Delta Studies, 41 (Summer 2010), 128-29.

### **Article referee**

"Francois Menard and the Colonial Arkansas Bourgeois Frontier" for *Arkansas Historical Quarterly* (Spring 2015)

"The French-Quapaw Metis of Eighteenth- and Nineteenth-Century Arkansas" for *Arkansas Historical Quarterly*, (Summer 2009)

### **Presentations and panels**

"Before Jackson County," Jackson County Historical Society, 22 July 2014.

Panel Chair, "Chances of War," Arkansas Historical Association, Helena, 12 April 2013.

"The Quapaws in Arkansas," Greene County Historical and Genealogical Society, Paragould, 14 October 2010.

Panel commenter, "Disease, War and native Americans," Mid-American Conference on History, Little Rock, 23 September 2010.

"The Quapaws," Monthly lecture series, Social Security Administration, Jonesboro office, 19 November 2009.

**Professional Service**

Vice President, Arkansas Historical Association, 2012 - present

**Awards**

2010 University Educator of the Year, Arkansas Council for the Social Studies



ARKANSAS STATE  
UNIVERSITY

Renewal Form  
for  
Regular Graduate Faculty Status

Name: Irina Khramtsova

Date: Sept. 1, 2015

Program or Department in which the  
Applicant seeks renewal of  
Regular Graduate Faculty Status:

Psychology and Counseling

Signature of Originator:

Craig H. Jones

Digitally signed by Craig H. Jones  
Date: 2015.09.10 13:50:05 -05'00'

Originator must be a department/program graduate faculty or chair (or program director in the case of interdisciplinary programs)  
Please sign, & click here to submit to Graduate Council for Review

From the Faculty Handbook:

**Qualifications**

*Regular Member of the Graduate Faculty must be a full-time faculty member with a terminal degree. In exceptional cases, unique experience, specialized training and professional competence may substitute for a terminal degree. Regular Members must have documented evidence of an appropriate level of scholarly activity and continued participation in graduate education at the course, committee and program levels.*

**Appointment Requirements and Procedure**

*Application must include evidence of professional activity related to graduate education such as research, publication, exhibition or performance, membership in professional organizations, participation in regional and national meetings, excellence in teaching and the application must meet the qualification standards of the program or department. An appointment is recommended by the department/program graduate faculty and chair (or program director in the case of interdisciplinary programs) and approved by the Graduate Council.*

**Do Not Type 'See CV'. Briefly List the Evidence of Compliance with  
Program Guidelines Completed Within the Last 6 Years.**

In the space provided, briefly describe how the applicant's scholarly or creative work in the last six years has met the program's particular expectations, as approved by the the Graduate Council (or using the Graduate Council's generic guidelines for programs that do not have Graduate Council approved guidelines) for regular graduate faculty :

(Please contact the Graduate School if you need a copy of your program/department Graduate Faculty guidelines.)

**Please attach a copy of applicant's CV to e-mail. Make sure that it is edited to include only activity from last six years to indicate how they met qualifications.**

Since 2009, I received 2 research grants and one teaching grant, published 4 articles, co-authored 11 presentations for national and international conferences, sponsored 9 student conference presentations, and delivered several invited speeches or lectures in Finland and Russia. I contributed to the development and proposal of the Master in Psychological Science Degree Program which was approved by the ADHE in May 2015. The MS in Psychological Science is a research based program to which I will contribute instruction, service, research and research supervision. I will be involved in preparing for the first cohort to enter that program in fall 2016. I plan to contribute to teaching PSY 6663 Advanced Seminar in MS in Psychological Science.

☒ **Regular Graduate Faculty Status Renewed**

Appointment is for up to a six year term, at which time the faculty member may reapply. (Individual programs, departments, or colleges may choose to have shorter terms of appointment.)

☐ **Regular Graduate Faculty Status Not Renewed, see Explanation below**

Signature of  
Graduate Council Chair:

GC Chair: If approved by Graduate Council, please sign & click here to submit to Graduate School for Processing



P.O. Box 1500  
State University, AR 72467-1500

Phone:  
-3064

Fax:  
-3962

te.edu

201525

To: Erik Gilbert, Associate Dean of the Graduate School  
Members of the Graduate Council

From: Kris Biondolillo, Interim Chair  
Department of Psychology and Counseling

Date: September 14, 2015

Re: Graduate Faculty Status Renewal for Irina Khramtsova

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The Department of Psychology and Counseling Graduate Faculty Status Review Committee recommended approval of Dr. Irina Khramtsova's application for renewal of graduate faculty status.

I have reviewed Dr. Khramtsova's application, vita and additional supporting documents. Her contributions to the department, over the last six years, exceed the requirements for graduate faculty status. I recommend renewal of her graduate faculty status.





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**COLLEGE OF EDUCATION & BEHAVIORAL SCIENCE**

Department of Psychology & Counseling | P.O. Box 1560, State University, AR 72467 | o: 870-972-3064 | f: 870-972-3962

9/10/2015

To: Dr. Kristin Biondolillo  
Interim Chair  
Department of Psychology and Counseling

From: Craig H. Jones, Ed. D.  
Professor of Psychology and Counseling  
Chair, Graduate Faculty Status Review Committee

The Graduate Faculty Status Review Committee has reviewed Dr. Irina Khramtsova's application for renewal of his graduate faculty status. The committee members have voted to approve her application.

All faculty in the Department of Psychology and Counseling are evaluated every year for holding an appropriate terminal degree, quality of teaching, and appropriate professional memberships and service. Dr. Khramtsova, therefore, has documentation on file from her annual productivity review that she meets these criteria.

Over the last six years Dr. Khramtsova has published five peer reviewed journal articles, made 11 peer reviewed presentations, and received three grants totaling \$23,600. She has also given 7 invited speeches, and done one prepublication book review. Finally, she has supervised 1 student publication and 9 student presentations. These contributions greatly exceed the departmental scholarship requirements.

## **Irina Khramtsova**

### **TERMINAL DEGREE**

**Ed. D.**                      **Kansas State University**                      1996  
Major: Educational Psychology

### **PROFESSIONAL EXPERIENCE**

Arkansas State University                      2009-present  
Associate Professor  
Department of Psychology and Counseling

### **GRADUATE PROGRAM DEVELOPMENT AND PROPOSALS**

I contributed to the development and proposal of the Master in Psychological Science Degree Program which was approved by the ADHE in May 2015. The MS in Psychological Science is a research based program to which I will contribute instruction, service, research and research supervision. I will be involved in preparing for the first cohort to enter that program in fall 2016. I plan to contribute to teaching PSY 6663 Advanced Seminar in The MS in Psychological Science degree program..

### **AWARDED GRANTS**

- Khramtsova, I. & Rodgers, E. (2014). United States- Jordan: Cross-cultural similarities and differences in mindfulness and humor styles. Arkansas State University Middle East Studies Grant, \$10,000.  
Khramtsova, I. & Pearce, A. (2010). A positive psychology perspective on mate preferences in the United States and Turkey. Arkansas State University Middle East Studies Grant, \$12,000.  
Khramtsova, I. & Saarnio, D. (2009). Internationalizing cultural psychology course. Arkansas State University Office of Diversity Initiatives, \$1650.

### **PUBLICATIONS**

- Khramtsova, I. (2011). Why study in Finland: RAMK, SAMK, and PBL. *Journal of International Students*, 1, 36-37.  
White, E. M., Pearce, A. R. & Khramtsova, I. (2011). Character strengths are prominent as mate preferences of Turkish students. *Journal of International Students*, 1, 64-68.  
Khramtsova, I. (2011). Specific ways to encourage student involvement in research activities at Arkansas State University, US. In *Innovatsionnyi potentsial molodezhnoi nauki [Innovative Potential of youth Science: Materials of Republican Scientific-Applied Conference]*. (pp. 12-15). Ufa, Russia: Izdatelstvo BGPU.  
Pearce, A., & Khramtsova, I. (2010). A positive outlook on mate preferences in Japan. In *Sub'ekt deyatelnosti, obsheniya i profesionalnogo razvitiya: materialy nauchno-practicheskoi konferenzii [Subject of Activity, Communication and Professional Development: Proceedings of a Theoretical and Applied Conference]*. (pp. 136 – 140). Ufa, Russia: Vladial.  
Khramtsova, I., & Glascock, P. (2010). Outcomes of an integrated journaling and mindfulness program on a US university campus. *Revista de Psihologie*, 56, 208-218.

### **PRESENTATIONS AT LEARNED FORUMS**

- Khramtsova, I., Chuikova, T., Reed E., Rodgers E., & Kuritcyna O. V. (2015, June). Mindfulness and compassion as predictors of humor styles in the U.S. and Russia. Poster presented at the Mindfulness and Compassion Conference, San Francisco, CA.  
Khramtsova, I., Glascock, P., Grera, M., Nation, A., Reed, E., Rudelis, J., & Swenson, A. (2015, June). Application of emWave biofeedback device: Using technology to increase mindfulness. Paper presented at the Mindfulness and Compassion Conference, San Francisco, CA.

- Reed, E., Khramtsova, I., & Rodgers, E. (2015, June)/ Relationships between mindfulness and uses of humor styles in the U.S. and Jordan. Poster presentation accepted for Mindfulness and Compassion Conference, San Francisco, CA.
- Pearce, A., & Khramtsova, I. (2014, May). Cross-cultural studies of mate preferences reveal character strengths are universally desired. Poster presented at the 26th Annual Convention of Association for Psychological Science, San Francisco, CA.
- Khramtsova, I., & Buhrman, P. (2013, October). Danish folk schools: A social miracle. Paper presented at the Fall Professional Development Conference of National Social Science Association, New Orleans.
- Khramtsova, I., Glascock, P., & Owen, J. (2012, June). The effects of mindfulness, biofeedback, and healing music in individual versus group settings: A pilot study. Paper presented at the Sixth European Conference on Positive Psychology, Moscow, Russia.
- Glascock, P., Khramtsova, I., Halfacre, A., & Owen, J. (2012, June). Drumming to de-stress: Effects of HealthRhythms on psychological well-being. Poster presented at the Sixth European Conference on Positive Psychology, Moscow, Russia.
- Holloway, H., Pearce, A., Khramtsova, I., Davis, E., White, E., & Imamoglu, S. (2011, May). Character strengths are prominent as mate preferences of Turkish students. Poster presented at the 23<sup>rd</sup> Annual Convention of Association for Psychological Science, Washington, DC.
- Khramtsova, I., & Glascock, P. (2010, June). Mindfulness and journaling: An action research study on a university campus. Paper presented at the 5th European Conference on Positive Psychology, Copenhagen, Denmark.
- Khramtsova, I., & Chuikova, T. (2010, June). Contemporary role models of college students in Russia and the US. Poster presented at the 5th European Conference on Positive Psychology, Copenhagen, Denmark.
- Khramtsova, I., & Saarnio, D. (2009, July). Who teaches us to be grateful? Poster presented at the 1st World Congress on Positive Psychology, Philadelphia, PA.

## INTERNATIONAL INVITED SPEECHES AND LECTURES

- Presentations on Mindfulness and Biofeedback (in Russian) for students, faculty and staff at Bashkir State Pedagogical University and at Bashkir State University Ufa, Russia (May 2014)
- Presentation (in Russian) at the Higher School of Economics on Mindfulness Research (October 25, 2011) <http://psy.hse.ru/positive/news/37337385.html>
- Magellan Faculty Exchange Program (September 12- 26, 2011) made presentations on Positive Psychology and Mindfulness, Biofeedback, and Musical Rhythms at Rovaniemi University of Applied Sciences and Satakunta University of Applied Sciences
- Presentations on Positive Psychology and Mindfulness (in Russian) in Ufa, Russia (May 2011) at Bashkir State Pedagogical University and at Bashkir State University
- Plenary speech about ASU and student involvement in research at the opening of the 6<sup>th</sup> Republican Scientific-Applied Conference "Innovative Potential of Youth Science" (May 25, 2011) Ufa, Russia
- Plenary speech on multicultural education at the opening of the All-Russia Scientific-Applied Conference "Spiritual-Moral Potential and Socio-Psychological Determinants of Ethnocultural Development of Peoples of Modern Russia" (May 19, 2011), Ufa, Russia
- Presentation on positive psychology and mindfulness at Psychology Faculty of Moscow State University (May 16, 2011)

## UNDERGRADUATE STUDENTS' PAPERS SPONSORED FOR PUBLICATION

- Owen, J., & Kalavala, P. (2012). Multi-cultural expedition into mindfulness among high school students. *Journal of International Students*, 2, 85-86.

## UNDERGRADUATE STUDENTS' PAPERS SPONSORED FOR A CONFERENCE PRESENTATION

- Rudelis, J., Briscoe, J., Grera, M., Nation, A., & Swenson, A. (2015, March). Biofeedback and mindfulness: The effects of humor versus body relaxation. ASU Symposium of Research, Scholarship, & Creativity Create @ Astate, Jonesboro, AR.
- Reed, E., & Rodgers, E. (October, 2014). *US-Jordan: Cross-cultural differences and similarities in mindfulness, humor styles, and self-compassion*. Poster presented at the Fall 2014 Arkansas Psychological Association Student Session, Little Rock, AR.
- Rodgers, E. (2014, April). *The effects of weekly mindfulness sessions: A case study*. ASU Symposium of Research, Scholarship, & Creativity Create @ Astate, Jonesboro, AR.
- Arnold, T., Spain, S., Sharp, B., & Machen, R. (2013, April). What makes a college city attractive for students: Cross-cultural differences and similarities. National Conference on Undergraduate Research (NCUR-2013), University of Wisconsin- La Crosse.
- Adams, B., Arnold, T., White, S., McClanahan, B., & Gibson, G. (2013, April). *Inside the minds of ASU: How cross-cultural students perceive their university*. ASU Symposium of Research, Scholarship, & Creativity Create @ Astate, Jonesboro, AR.
- Sadler, H. (2013). *Cross-cultural perception of common colors*. ASU Symposium of Research, Scholarship, & Creativity Create @ Astate, Jonesboro, AR.
- Butler, A., Gurley, M., & Mothershed, M. (2011, March). Drumming and rhythmic medicine: Group mindfulness sessions on the ASU campus. ASU Symposium of Research, Scholarship, & Creativity Create @ Astate, Jonesboro, AR.
- Klasky, C. (2010, April). *Constructs of happiness*. ASU Undergraduate Scholars' Day, Jonesboro, AR.
- Baugh, J. (2010, April). *The effects of art therapy on children and adolescents*. ASU Undergraduate Scholars' Day, Jonesboro, AR.

## PROFESSIONAL REVIEWS

- Review of textbook proposal Positive Psychology: Scientifically Seeking the Good Life, by L. Kirby and C. Smith (June, 2010).

## MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

President -elect of A-State Charter of the Honor Society of Phi Kappa Phi  
Member of the European Network for Positive Psychology

## PROFESSIONAL DEVELOPMENT

Completed an online course Mindfulness Based Stress Reduction and earned 30 continuing education credits.



ARKANSAS STATE  
UNIVERSITY

Renewal Form  
for  
Regular Graduate Faculty Status

Name: R. Dale Miller

Date: May 19, 2015

Program or Department in which the  
Applicant seeks renewal of  
Regular Graduate Faculty Status:

Music Department, College of Fine Arts

Signature of Originator:

Lauren Schack Clark

Digitally signed by Lauren Schack Clark  
DN: cn=Lauren Schack Clark, o=A-State, ou=Arkansas State University Music  
Department, email=lsclark@astate.edu, c=US  
Date: 2015.05.19 13:04:23 -05'00'

Originator must be a department/program graduate faculty and chair (or program director in the case of interdisciplinary programs)  
Please sign, & click here to submit to Graduate Council for Review

From the Faculty Handbook:

**Qualifications**

*Regular Member of the Graduate Faculty must be a full-time faculty member with a terminal degree. In exceptional cases, unique experience, specialized training and professional competence may substitute for a terminal degree. Regular Members must have documented evidence of an appropriate level of scholarly activity and continued participation in graduate education at the course, committee and program levels.*

**Appointment Requirements and Procedure**

*Application must include evidence of professional activity related to graduate education such as research, publication, exhibition or performance, membership in professional organizations, participation in regional and national meetings, excellence in teaching and the application must meet the qualification standards of the program or department. An appointment is recommended by the department/program graduate faculty and chair (or program director in the case of interdisciplinary programs) and approved by the Graduate Council.*

In the space provided, briefly describe how the applicant's scholarly or creative work in the last six years has met the program's particular expectations, as approved by the the Graduate Council (or using the Graduate Council's generic guidelines for programs that do not have Graduate Council approved guidelines) for regular graduate faculty:

(Please contact the Graduate School if you need a copy of your program/department Graduate Faculty guidelines.)

**Please attach a copy of applicant's CV edited to include only activity from last six years to indicate how they met qualifications.**

Dr. Miller maintains a very active career as a choral conductor, and is highly respected in his field. He served as Interim Dean of the College of Fine Arts from August 2011 to June 2012. In addition to his regular duties as Director of Choral Activities, he brings A-State's choirs on tour to either Europe or New York on alternating years. In 2014, he took the choirs to sing in Valencia, Barcelona, and Madrid, Spain, and in 2012, he led their performance at Lincoln Center, New York City. He directs the A-State Choir Camp every July and conducts their performances. He has served as a clinician and adjudicator at the local, state, and regional level.

☐ **Regular Graduate Faculty Status Renewed**

Appointment is for up to a six year term, at which time the faculty member may reapply. (Individual programs, departments, or colleges may choose to have shorter terms of appointment.)

☐ **Regular Graduate Faculty Status Not Renewed**, see Explanation below

Signature of  
Graduate Council Chair:

GC Chair: If approved by Graduate Council, please sign & click here to submit to Graduate School for Processing

**ROBERT DALE MILLER, Ph. D.  
ARKANSAS STATE UNIVERSITY**

Director of Choral Activities

Professor of Music

Office Phone: 870/972-3841

Email: [rdmiller@astate.edu](mailto:rdmiller@astate.edu)

**Educational Background:**

Texas Tech University, Ph.D. Fine Arts Interdisciplinary—Choral Conducting, May 1998. Choral Conducting major, minor in Fine Arts Administration, Dr. Kenneth R. Davis, major advisor. Dissertation topic: *The Choral Graduals of Johann Michael Haydn: Performance Editions and Studies of Selected Works*. Texas A & M University – Commerce (formerly East Texas State University), Master of Music in choral music education, August 1978; Bachelor of Music Education, vocal emphasis, May 1973. Texas certification all-level music.

**Administrative/Teaching Appointments:**

*Director of Choral Activities, Professor of Music, Arkansas State University, July 2012 to present.*

Direct Concert Choir, Chamber Singers and University Singers—Community Choir; teach undergraduate and graduate choral conducting, graduate performance and pedagogy in choral music literature. Administer the Arkansas State University Choir Camp and direct the camp's Mixed Choir.

*Interim Dean, College of Fine Arts, and Director of Choral Activities, August 2011 to June 2012.*

Administer the College of Fine Arts, consisting of the departments of Art, Music, and Theatre, with the Fowler Center. Direct Concert Choir and University/Community Choir, and coordinate other Department of Music choral ensembles. Represent the college on the Academic Deans and Academic Affairs and Research Councils.

*Director of Choral Activities, Professor of Music, Arkansas State University, August 2009 to July 2011.*

Direct Concert Choir, and University Singers—Men's, Women's, and Community Choirs; teach undergraduate and graduate choral conducting, graduate performance and pedagogy in choral music literature. Administer the Arkansas State University Choir Camp and direct the camp's Mixed Choir.

*Director of Choral Activities, Professor of Music, and Choral Music Education, Arkansas State University, August 1997 to June 1998, and August 2003 to May 2009.*

Direct Concert Choir, Chamber Singers, and University Singers—Men's, Women's, and Community Choirs; teach undergraduate and graduate choral conducting, graduate performance and pedagogy in choral music literature and education, and EDMU 4643, Vocal Music Methods in the Secondary School, and

supervise choral student interns. Administer the Arkansas State University Choir Camp and direct the camp's Mixed Choir. Taught applied voice in the 1997-98 academic year.

*Chair, Department of Music, and Director of Choral Activities, July 1998 to June 2003.*

Administered the department of 140 undergraduate and 10 graduate music majors, 20 full-time and one half-time faculty, five adjunct faculty, one full-time staff assistant, and several student assistants. Directed Concert Choir, Chamber Singers, and University/Community Choir, and taught secondary vocal music methods and choral conducting—both graduate applied and undergraduate class—and graduate choral literature. Conducted university orchestra in Spring 1999 and administered choir camp. Served as an elected member to the Council on Professional Education.

Chair responsibilities included recruitment of faculty, choral and instrumental students (both majors and non-majors), development and administration of scholarship, equipment, and operating budgets, and advisement of all incoming freshmen and transfer music majors, as well as Bachelor of Arts in music candidates.

**Major professional activities, experiences, performance, publications, and honors:**

**Conducting :**

American Celebration of Music in Spain, A-State Concert Choir and University Singers-Community Choir, Choral performance tour to Barcelona, Valencia, and Madrid, March 2014.

Arkansas Music Conference Invitational Performance A-State Concert Choir, for All-State Choir, Bands, and Orchestras, Hot Springs, AR, February 2014.

Morten Lauridsen's LUX AETERNA, Mid-America Chorus [Arkansas State University/Community Choir, Harrisburg (AR) HS Chamber Choir, Harding Academy (Searcy, AR) Chamber Choir, Searcy (AR) HS Chamber Choir, Sylvan Hills (AR) HS Varsity Singers, and Brentwood (CA) Chamber Choir] and New England Symphonic Ensemble. Lincoln Center Alice Tully Hall, New York, NY, Guest Clinician/Conductor, March 2012.

Giovanni Pierluigi da Palestrina MISSA BREVIS, and other choral works, ASU Concert Choir and University/Community Choir in concert at the Chiesa di Santa Maria de Ricci in Florence, Cathedral in Sienna, and Basilica di Santa Maria sopra Minerva and the Vatican in Rome, Italy, March 2010.

**Adjudicator:**

Missouri State High School Activities Association, District Choral Festival, Poplar Bluff, MO, 2009, 2007, 2006, 2004 & 2001.

**Clinician/Conductor:**

Central Arkansas Choral Directors Association All-Region Mixed Choir, Guest Clinician/Conductor, University of Arkansas-Little Rock, November 2010.

**Professional development activities:**

American Choral Directors Association National Conventions, attended 2013 in Dallas (5 students attending from ASU student ACDA chapter, 3 on national ACDA scholarship), 2011 in Chicago (6 students placed in national honor choirs), 2005 in Los Angeles, 2003 in New York (5 students placed in national honor choirs), 2001 in San Antonio, 1999 in Chicago, 1997 in San Diego (performed in invited choir), 1993 in San Antonio, 1991 in Phoenix (4 students placed in national honor choir), and 1985 in San Antonio.

American Choral Directors Association-Arkansas Chapter, New Music Reading Sessions, attended each year since 1997, in Hot Springs. Presented workshop in 1998.

**Membership and offices in professional organizations:**

Arkansas Choral Directors Association, 1997- present.

American Choral Directors Association, 1982-present.

American Choral Directors Associations, Arkansas Chapter, State Youth and Student Activities Repertoire and Standards Chair, 2012- present.

**Honors and awards of individual students:**

Dr. Keith A. Hearnberger, Graduate Conducting Recital, November 2014.

Shannon O'Connor, Graduate Conducting Recital, March 2013.

Placed six students into the ACDA National Honor Choirs, March 2011.

William Manes, Graduate Conducting Recital, April 2010.

Janet Tullos, Graduate Conducting Recital, February 2010.

Sean Pollock, Graduate Conducting Recital, November 2009.

**Service activities:****Special activities:**

Hosted ArkCDA Choral Performance Assessment 2009-2013 at Fine Arts Center and Fowler Center. Over 1,000 junior high and high school choral students from Northeast Arkansas participating each year.

Host Junior High and High School All-Region Choir Clinic/Concerts annually. 600+ students participating each year.

**Grant and fundraising activities:**

*CFA Scholarly Development Grants* for professional association travel: ACDA, Chicago, 2011, \$1735.



*Fundraising and student travel grants:*

A-State Concert Choir Spain tour fund drive. Received \$35,000 in ASU Foundation and Chancellor's Cabinet grants. Raised \$142,000 in private donations and fundraisers.

A-State University Singers 2011-2012 Lincoln Center appearance fund drive. Raised \$58,000 in private donations and fundraisers.

A-State Choir 2009-2010 Italian Tour fund drive. Fundraised and private donations \$162,000.

**Sponsorship of student organizations:**

Phi Mu Alpha Sinfonia, Omicron Omega Chapter, 2003-present.

Alfred R. Skoog Chapter of ACDA, 1997-present.



ARKANSAS STATE  
UNIVERSITY

Renewal Form  
for  
Regular Graduate Faculty Status

Name: Richard A. Neeley

Date: May 20, 2015

Program or Department in which the  
Applicant seeks renewal of  
Regular Graduate Faculty Status:

Department of Communication Disorders

Signature of Originator:

Originator must be a department/program graduate faculty or chair (or program director in the case of interdisciplinary programs)  
Please sign, & click here to submit to Graduate Council for Review

From the Faculty Handbook:

**Qualifications**

*Regular Member of the Graduate Faculty must be a full-time faculty member with a terminal degree. In exceptional cases, unique experience, specialized training and professional competence may substitute for a terminal degree. Regular Members must have documented evidence of an appropriate level of scholarly activity and continued participation in graduate education at the course, committee and program levels.*

**Appointment Requirements and Procedure**

*Application must include evidence of professional activity related to graduate education such as research, publication, exhibition or performance, membership in professional organizations, participation in regional and national meetings, excellence in teaching and the application must meet the qualification standards of the program or department. An appointment is recommended by the department/program graduate faculty and chair (or program director in the case of interdisciplinary programs) and approved by the Graduate Council.*

**Do Not Type 'See CV'. Briefly List the Evidence of Compliance with  
Program Guidelines Completed Within the Last 6 Years.**

In the space provided, briefly describe how the applicant's scholarly or creative work in the last six years has met the program's particular expectations, as approved by the the Graduate Council (or using the Graduate Council's generic guidelines for programs that do not have Graduate Council approved guidelines) for regular graduate faculty :

(Please contact the Graduate School if you need a copy of your program/department Graduate Faculty guidelines.)

**Please attach a copy of applicant's CV to e-mail. Make sure that it is edited to include only activity from last six years to indicate how they met qualifications.**

In the past 6 years, I have taught graduate and undergraduate classes, advised graduate and undergraduate students, collaborated with graduate students and faculty in the Department of Communication Disorders to publish four refereed journal articles, collaborated with Dr. Roy Aldridge in Physical Therapy to procure \$218,000 for research in Hippotherapy, served on two dissertation committees at ASU and nine thesis committees in Communication Disorders at ASU, and have served and continue to serve on departmental, college, university, and shared governance committees.

☐ **Regular Graduate Faculty Status Renewed**

Appointment is for up to a six year term, at which time the faculty member may reapply. (Individual programs, departments, or colleges may choose to have shorter terms of appointment.)

☐ **Regular Graduate Faculty Status Not Renewed, see Explanation below**

Signature of  
Graduate Council Chair:

GC Chair: If approved by Graduate Council, please sign & click here to submit to Graduate School for Processing

## Vita 2009-2015

Richard A. Neeley  
Professor and Chair of Communication Disorders (tenured)  
Graduate and Undergraduate faculty

### **ACADEMIC DEGREES**

Ph.D.	University of Tennessee Speech and Hearing Science	1990
M.S.P.	Arkansas State University Speech Pathology	1977
B.S.E.	Arkansas State University Speech Pathology	1976

### **PROFESSIONAL EXPERIENCE**

Arkansas State University, Jonesboro, AR Professor and Chair of the Dept. of Communication Disorders	2008 to present
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### **FACULTY LOAD**

Spring Semester (2015)  
CD 3303 -- Normal Language Development

Fall Semester (2014)  
CD 6303 Augmentative and Alternative Communication  
CD 4303 Language Intervention for Students with Mild Disabilities

Summer Semester (2014)  
CD 6353 Language Intervention with At-Risk Infants and Toddlers  
CD 6001 Instrumentation in Communication Disorders

Spring Semester (2014)  
CD 3303 Normal Language Development  
CD 4203 Organic Speech Disorders

Student Advisement: (4-13-2015)  
40 Undergraduate student advisees  
13 Graduate Student advisees  
4 Post-degree student advisees

## **PUBLICATIONS**

### **Refereed Publications**

Neeley, R. A., Pulliam, M. H., Catt, M., & McDaniel, D. M. (2015). The impact of interrupted use of a speech generating device on the communication acts of a child with autism spectrum disorder: A case study. *Education*, 135(3), 371-379.

McDaniel, D. M., Neeley, R., Isaacson, J., & Howard, D. (2012). Accent assessment: A preliminary study of scaling validity. *Journal of International Students*, 2(1), 93-98.

Catt, M., Neeley, R. & Lovins, S. (2011). The REAL (relevant, exciting, applicable, lessons) project: Thematic language intervention. *Education*, 131(1), 587-599.

Krebs, M., McDaniel, M., & Neeley, R. (2010). The effects of peer training on the social interactions of children with autism spectrum disorders. *Education*, 131(2), 393-403.

### **Grants/Gifts**

Gift to Support Research:

Name of Donor(s) and Dollar Value: Irene Martz & General Electric Foundation \$218,000

Type of Gift: Research grant to support Hippotherapy

Date Procured: November, 2012 to February 2014

Involvement: Co Principal Investigator.

### **Dissertations/Theses/Student Research Activities**

Dissertation: The Impact of Preschool Education on the Missouri Assessment Program Scores of Missouri Bootheel Third Grade Students

Student: Alicia Shaw

Defense Date: October 26, 2009

Committee: Chair, M. Holifield, Members – J. Grimes, R. Neeley, G. Foldesy, D. Cline.

Dissertation: The Impact and Usage of OpenCourseWare on Faculty in Developing Regions of the Middle East

Student: Noah Kasraie

Defense Date: April 7, 2009

Committee: Chair, M. Holifield, Members – R. Neeley, G. Foldesy, D. Cox, J. Beineke

Thesis: Pragmatic Skill Differences in Second Born Children and Those without Siblings

Student: Crystal Toombs

Defense Date: November 2, 2012

Committee Members: Dr. Mike McDaniel – Chair; Dr. Richard Neeley; Dr. Susan Snellgrove; Dr. David Cox

Thesis: Relationship of Listening Comprehension and Signal-to-Noise Ratio Loss in Children

Student: Juli Junkersfeld  
Defense Date: November 2, 2012  
Committee Members: Dr. Mike McDaniel – Chair; Dr. Richard Neeley; Dr. Nicole Covey; Dr. Joy Good; Amy Shollenbarger

Thesis: Are You Textually Active?

Student: Candace Dyson  
Defense Date: November 4, 2011  
Committee Members: Dr. Sherri Brooks – Chair; Dr. Mike McDaniel; Dr. Richard Neeley; Mrs. Merrill Catt; Ms. Francis Hunter.

Thesis: The Efficiency of Using Brief, Intensive Drill Sessions in Achieving Articulation Objectives.

Student: Kathryn Smith  
Defense Date: November 4, 2011  
Committee Members: Dr. Sherri Brooks – Chair; Dr. Richard Neeley; Dr. Mike McDaniel; Mrs. Merrill Catt.

Thesis: The Impact of Multiple Viewings of Educational Television Programming on Young Children's Acquisition of Basic Concepts and Social Interaction Skills.

Student: Brandi Messer-Worthington  
Defense Date: November 5, 2010  
Committee Members: Dr. Mike McDaniel – Chair; Dean Susan Hanrahan; Dr. Julie Lamb-Milligan; Dr. Sherri Lovelace, Dr. Richard Neeley

Thesis: The Impact of an AAC Device, Using the LAMP Approach, on an Individual with Autism Spectrum Disorder.

Student: Mary Hannah Pulliam  
Defense Date: November 5, 2010  
Committee Members: Dr. Mike McDaniel - Chair; Dr. Richard Neeley; Dr. William Hinkle; Ms. Tisha Pierce

Thesis: The Efficacy of a Supplementary Literacy Program for Kindergarten Children with Language Impairment.

Student: Amy McKinney  
Defense Date: November 5, 2010  
Committee Members: Dr. Sherri Lovelace – Chair; Dr. Richard Neeley; Dr. Mike McDaniel; Dr. Jane Marie Dewailly

Thesis: Speech Pathologists' Application of Learning Styles During Clinical Intervention.

Student: Crystal McDaniel  
Defense Date: November 5, 2010  
Committee Members: Dr. Sherri Lovelace – Chair; Dr. David Cox; Dr. Mike McDaniel; Dr. Richard Neeley.

Thesis: The Effects of Peer Training Social Intervention on Social Interactions of Children with Autism

Student: Mindy Krebs

Defense Date: November 3, 2009

Committee: Chair, M. McDaniel, Members – S. Lovelace, S. Sifford, J. Lamb, R. Neeley

## **SERVICE**

### **Department of Communication Disorders Committees:**

Curriculum Committee (2002-present)

CD Graduate Admissions and Credits Committee (2002-present)

CD Foundation Account/Finance Committee (2000 - present)

CD Program Faculty Search Committee (2010, 2012, 2014) Chair

Reaccreditation Committee (2011) Chair

### **College of Nursing and Health Professions Committees:**

ASU P.R.I.D.E. Center (2007- present)

ASU Resource Center for Autism Spectrum Disorders (2007 to 2009)

Promotion, Retention, Tenure Committee (2007-2012)

Dean's Executive Council Committee (2001-present)

Search Committee for Chair of Physical Therapy (Chair - 2011)

Cultural Competence Committee (2013 to present)

### **University Committees:**

Phi Kappa Phi President (2008 – 2010)

Phi Kappa Phi Past-President (2010 – 2012)

Library Committee representing Dept. Chair's Council (2007-2014)

Ad Hoc Committee on Commencement (2012 to present)

Council of Department Chairs (2002-present)

Institutional Agricultural Animal Care and Use Committee (2008 – present)

## **PROFESSIONAL MEMBERSHIPS**

Memberships in state professional organizations:

Arkansas Speech-Language-Hearing Association

2010-2011 ArkSHA Nominating Committee

2009-2010 ArkSHA Bylaws Committee

Memberships in national professional organizations:

American Speech-Language-Hearing Association

Council of Academic Programs in Communication Sciences and Disorders

## **Honors:**

ACE (Award for Continuing Education) February 2009, 2012, 2015



ARKANSAS STATE  
UNIVERSITY

Renewal Form  
for  
Regular Graduate Faculty Status

Name: Dr. William Paulsen

Date: 09/04/2015

Program or Department in which the  
Applicant seeks renewal of  
Regular Graduate Faculty Status:

Department of Mathematics and Statistics

Signature of Originator:

Debra Ingram

Digitally signed by Debra Ingram  
DN: cn=Debra Ingram, o, ou=Dept of Math/Stat and Dept of Comp Sci,  
email=d Ingram@astate.edu, c=US  
Date: 2015.09.04 16:49:57 -05'00'

Originator must be a department/program graduate faculty or chair (or program director in the case of interdisciplinary programs)  
Please sign, & click here to submit to Graduate Council for Review

From the Faculty Handbook:

**Qualifications**

Regular Member of the Graduate Faculty must be a full-time faculty member with a terminal degree. In exceptional cases, unique experience, specialized training and professional competence may substitute for a terminal degree. Regular Members must have documented evidence of an appropriate level of scholarly activity and continued participation in graduate education at the course, committee and program levels.

**Appointment Requirements and Procedure**

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**Do Not Type 'See CV'. Briefly List the Evidence of Compliance with  
Program Guidelines Completed Within the Last 6 Years.**

In the space provided, briefly describe how the applicant's scholarly or creative work in the last six years has met the program's particular expectations, as approved by the the Graduate Council (or using the Graduate Council's generic guidelines for programs that do not have Graduate Council approved guidelines) for regular graduate faculty:

(Please contact the Graduate School if you need a copy of your program/department Graduate Faculty guidelines.)

**Please attach a copy of applicant's CV to e-mail. Make sure that it is edited to include only activity from last six years to indicate how they met qualifications.**

\*Journal publications since last renewal: four  
\*Textbooks (graduate-level) published since last renewal: three  
\*Research presentations since last renewal: one  
\*Student research projects directed since last renewal: one  
\*Other research collaborations since last renewal: Standoff Hazardous Agent Detection and Evaluation System (SHADES) -- August 2010-August 2013 -- mathematical modeling lead on an interdisciplinary team of faculty supported by an \$8.5M Department of Defense appropriation  
\*Graduate courses taught since last renewal: MATH 6603-Abstract Algebra I; MATH 6613-Abstract Algebra II; MATH 5513-Applied Mathematics

☐ **Regular Graduate Faculty Status Renewed**

Appointment is for up to a six year term, at which time the faculty member may reapply. (Individual programs, departments, or colleges may choose to have shorter terms of appointment.)

☐ **Regular Graduate Faculty Status Not Renewed, see Explanation below**

Signature of  
Graduate Council Chair:

GC Chair: If approved by Graduate Council, please sign & click here to submit to Graduate School for Processing

William Paulsen  
Full Professor of Mathematics  
Department of Mathematics and Statistics  
Arkansas State University

**Publications Accepted**

- Paulsen, W. and Franklin, M., "Calculating In-plane frequencies of Multispan Cables Using the Exterior-Matrix Method," *Journal of Engineering Mathematics* (2010), Vol. 67, No. 4 pp. 289-306.
- Paulsen, W., "An Alternative Way of Breaking Up Partial Fractions," *College Mathematics Journal* (2010), Vol. 41, No. 3, p. 221.
- Paulsen, W., and Manning, M., "Using the Exterior Matrix Method to find eigenfrequencies when the governing equations are systems of first-order equations," *Journal of Sound and Vibration* (2014), Vol. 333, No. 2, pp. 569-583.
- Paulsen, W., and Manning, M., "Finding the vibrations of inclined cable structures by solving approximately the governing equations for the exterior matrix" to appear in *Applied Mathematics and Mechanics*.

**Grants Colaboration**

- Standoff Hazardous Agent Detection and Evaluation System (SHADES),  
August 2010 – August 2013.

**Books Published**

- Paulsen, W., Abstract Algebra: An Interactive Approach, CRC Press (Taylor and Francis Group), 2010.
- Paulsen, W., Asymptotic Analysis and Perturbation Theory, CRC Press (Taylor and Francis Group), 2014.
- Paulsen, W., Abstract Algebra: An Interactive Approach, 2nd ed. CRC Press (Taylor and Francis Group), 2015.

**Presentations**

- Paulsen, W., and Manning, M., "Introduction to the Exterior Matrix Method" presented at the SIAM Annual Meeting, July 9-13, 2012, Minneapolis, Minnesota.





Renewal Form  
for  
Regular Graduate Faculty Status

Name: Greg Phillips

Date: 13 April 2015

Program or Department in which the  
Applicant seeks renewal of  
Regular Graduate Faculty Status:

College of Agriculture and Technology

Signature of Originator:

Steven Green

Digitally signed by Steven Green  
DN: cn=Steven Green, o=Arkansas State University, ou=College of Agriculture  
and Technology, email=sgreen@astate.edu, c=US  
Date: 2015.04.13 16:31:11 -0600

Originator must be a department/program graduate faculty or chair (or program director in the case of interdisciplinary programs)  
Please sign, & click here to submit to Graduate Council for Review

From the Faculty Handbook:

**Qualifications**

Regular Member of the Graduate Faculty must be a full-time faculty member with a terminal degree. In exceptional cases, unique experience, specialized training and professional competence may substitute for a terminal degree. Regular Members must have documented evidence of an appropriate level of scholarly activity and continued participation in graduate education at the course, committee and program levels.

**Appointment Requirements and Procedure**

Application must include evidence of professional activity related to graduate education such as research, publication, exhibition or performance, membership in professional organizations, participation in regional and national meetings, excellence in teaching and the application must meet the qualification standards of the program or department. An appointment is recommended by the department/program graduate faculty and chair (or program director in the case of interdisciplinary programs) and approved by the Graduate Council.

**Do Not Type 'See CV'. Briefly List the Evidence of Compliance with  
Program Guidelines Completed Within the Last 6 Years.**

In the space provided, briefly describe how the applicant's scholarly or creative work in the last six years has met the program's particular expectations, as approved by the the Graduate Council (or using the Graduate Council's generic guidelines for programs that do not have Graduate Council approved guidelines) for regular graduate faculty :

(Please contact the Graduate School if you need a copy of your program/department Graduate Faculty guidelines.)

**Please attach a copy of applicant's CV to e-mail. Make sure that it is edited to include only activity from last six years to indicate how they met qualifications.**

Scholarly and creative activity last 6 years:

Peer reviewed publications: 4  
Professional presentations to learned forums: 9  
Officership in state and national organizations: 3  
Journal Associate Editor: 1

☒ **Regular Graduate Faculty Status Renewed**

Appointment is for up to a six year term, at which time the faculty member may reapply. (Individual programs, departments, or colleges may choose to have shorter terms of appointment.)

☐ **Regular Graduate Faculty Status Not Renewed**, see Explanation below

Signature of  
Graduate Council Chair:

GC Chair: If approved by Graduate Council, please sign & click here to submit to Graduate School for Processing

**Gregory C. Phillips**, Professor of Plant Biotechnology  
 College of Agriculture & Technology, Arkansas State University  
 Phone 1-870-972-2375; Fax 1-870-972-3885; email [gphillips@astate.edu](mailto:gphillips@astate.edu)

#### **A. Professional Preparation**

University of Kentucky	Philosophy	B.A., 1975
Plant Biotechnology Inst., NRCC	Graduate Training Program	1978
University of Kentucky	Crop Science: Plant Genetics	Ph.D., 1981

#### **B. Appointments**

Professor of Plant Biotechnology	Arkansas State University	2003-present
Dean, College of Engineering	Arkansas State University	2005-2009
Dean, College of Sciences & Mathematics	Arkansas State University	2005-2009
Fellow Award	Society for In Vitro Biology	2004
Dean, College of Agriculture	Arkansas State University	2003-2011
Editor-in-Chief	In Vitro Plant journal	1999-2007
Science Coord., Nat. Biotech. Info. Fac.	New Mexico State Univ.	1996-1998
Director, Molecular Biology Program	New Mexico State Univ.	1992-1999
Professor of Plant Biotechnology	New Mexico State Univ.	1990-2003
Editor	Plant Cell Reports journal	1986-2009
Assoc. Director, Plant Genetic Eng. Lab	New Mexico State Univ.	1986-1990
Associate Professor of Plant Biotechnology	New Mexico State Univ.	1985-1990
Interim Director, Plant Genetic Eng. Lab.	New Mexico State Univ.	1983-1985
Assistant Professor of Plant Biotechnology	New Mexico State Univ.	1981-1985
Graduate Research Assistant	University of Kentucky	1976-1981

#### **C. Peer Reviewed Publications (last six years)**

Dabul, A.N.G., H. Belefant-Miller, M. RoyChowdhury, J.F. Hubstenberger, A. Lorence, and G.C. Phillips. 2009. Screening of a broad range of rice (*Oryza sativa* L.) germplasm for *in vitro* rapid plant regeneration and development of an early prediction system. In Vitro Cell. Devel. Biol. – Plant 45:414-420.

Armah, P., A. Archer, and G.C. Phillips. 2009. Drivers leading to higher food prices: Biofuels are not the main factor. (Invited article) In Vitro Cell. Devel. Biol. – Plant: 45:330-341.

Greenway, M.B., I.C. Phillips, M.N. Lloyd, J.F. Hubstenberger, and G.C. Phillips. 2012. A nutrient medium for diverse applications and tissue growth of plant species *in vitro*. In Vitro Cell. Devel. Biol. – Plant 48:403-410.

Lisko, K.A., J.F. Hubstenberger, G.C. Phillips, H. Miller, A. McClung, and A. Lorence. 2013. Ontogenetic changes in vitamin C in selected rice varieties. Plant Physiol. Biochem. 66:41-46.

#### **D. Professional Presentations (last six years)**

Burner, D.M., X. Ge, D.R. Vail, L.M. Malatesta, J. Xu, B.J. Savary, J.O. Lay, G.C. Phillips, and G. Sivakumar. 2009. Biomass and bioethanol production from *Miscanthus x giganteus* in Arkansas, USA. Ninth International Plant Molecular Biology Congress, October 25-30. St. Louis, MO.

Greenway, M.B., F. Medina-Bolivar, M. Dolan, L. Nopo-Olazabal, I.C. Phillips, M.N. Lloyd, J.F. Hubstenberger, and G.C. Phillips. 2010. Characterization of hairy root cultures and elicitation of coumaric acid in raspberry, *Rubus idaeus*. 12<sup>th</sup> World Congress of the International Association of Plant Biotechnology and 2010 Annual Meeting of the Society for In Vitro Biology, June 6-11. St. Louis, MO.

Phillips, G.G. The role of state universities in education and research related to biofuels. State Legislative Joint Committee on Energy, Little Rock, AR, February 2010

- Greenway, M.B., I.C. Phillips, M.N. Lloyd, J.F. Hubstenberger, and G.C. Phillips. 2010. BDS: An alternative medium for regeneration and growth of multiple plant species *in vitro*. 12<sup>th</sup> World Congress of the International Association of Plant Biotechnology and 2010 Annual Meeting of the Society for In Vitro Biology, June 6-11. St. Louis, MO.
- Lisko, K.A., J.F. Hubstenberger, H. Belefant-Miller, G.C. Phillips, W.G. Yan, A. McClung, and A. Lorence. 2011. Screening rice cultivars for elevated Vitamin C content. 2011 Annual Meeting of the Society for In Vitro Biology, June 4-8. Raleigh, NC.
- Lisko, K., G. Wilson, J. Underwood, V. Srivastava, J. Hubstenberger, G. Phillips and A. Lorence. 2012. Engineering rice for elevated vitamin C content. American Council for Medicinally Active Plants Third Annual Conference, May 22-25. Abstr. S1. Jonesboro, AR.
- Phillips, G.C. Progress towards rice *in vitro* regeneration and soybean doubled haploids. Bayer Crop Science, Research Triangle Park, NC, May 2013
- Garda, M., G.C. Phillips. 2014. Soybean anther culture: a preliminary data report. Society for In Vitro Biology World Forum, May 31- June 4. Abstr. P-2033. Savannah, GA.
- Garda, M., W. Barnett, N. Williams, K. Bade and G.C. Phillips. 2015. Progress towards developing an anther culture system for soybean. Annual Meeting of the Society for In Vitro Biology, May 30- June 3. Tucson, AZ.

#### **E. Other Professional Activities (last six years)**

Arkansas Agriculture Board, ex-officio member, 2005-2011  
 Vice President and Member of the Board 2010 – 2012, Society for In Vitro Biology  
 Faculty Handbook Committee (shared governance), Secretary 2008-2009, Vice Chair 2009-2010, Member 2008 - present  
 Associate Editor, *In Vitro Cellular and Developmental Biology - Plant* journal, 2008-present

#### **F. Thesis Advisor (last six years)**

M. Garda, Ph.D. candidate, Arkansas State University  
 Y. Li, M.S. candidate, Arkansas State University  
 N. Williams, M.S. candidate, Arkansas State University  
 K. Bade, M.S. candidate, Arkansas State University  
 M.B. Greenway, M.S. (2010), Arkansas State University (employed by ADEQ)  
 (Career total: 25 graduate students, 7 post-docs, 48 undergraduate special problems)



ARKANSAS STATE  
UNIVERSITY

Renewal Form  
for  
Regular Graduate Faculty Status

Name: Kim Pittcock

Date: 13 April 2015

Program or Department in which the  
Applicant seeks renewal of  
Regular Graduate Faculty Status:

College of Agriculture and Technology

Signature of Originator:

Steven Green

Digitally signed by Steven Green  
DN: cn=Steven Green, o=Arkansas State University, ou=College of Agriculture  
and Technology, email=sgreen@astate.edu, c=US  
Date: 2015.04.13 16:24:07 -05'00'

Originator must be a department/program graduate faculty or chair (or program director in the case of interdisciplinary programs)  
Please sign, & click here to submit to Graduate Council for Review

From the Faculty Handbook:

**Qualifications**

*Regular Member of the Graduate Faculty must be a full-time faculty member with a terminal degree. In exceptional cases, unique experience, specialized training and professional competence may substitute for a terminal degree. Regular Members must have documented evidence of an appropriate level of scholarly activity and continued participation in graduate education at the course, committee and program levels.*

**Appointment Requirements and Procedure**

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**Do Not Type 'See CV'. Briefly List the Evidence of Compliance with  
Program Guidelines Completed Within the Last 6 Years.**

In the space provided, briefly describe how the applicant's scholarly or creative work in the last six years has met the program's particular expectations, as approved by the the Graduate Council (or using the Graduate Council's generic guidelines for programs that do not have Graduate Council approved guidelines) for regular graduate faculty:

(Please contact the Graduate School if you need a copy of your program/department Graduate Faculty guidelines.)

**Please attach a copy of applicant's CV to e-mail. Make sure that it is edited to include only activity from last six years to indicate how they met qualifications.**

Scholarly and creative activity last 6 years

2 posters at learned forums (Hort Science)

1 book chapter (CRC Press)

Local, state, and regional officership in professional organizations

Board member and advisory council for 3 organizations

Master Gardener trainer

☒ **Regular Graduate Faculty Status Renewed**

Appointment is for up to a six year term, at which time the faculty member may reapply. (Individual programs, departments, or colleges may choose to have shorter terms of appointment.)

☐ **Regular Graduate Faculty Status Not Renewed, see Explanation below**

Signature of  
Graduate Council Chair:

GC Chair: If approved by Graduate Council, please sign & click here to submit to Graduate School for Processing

**J. Kim Pittcock**  
**College of Agriculture, PO Box 1080**  
**State University, AR 72467**  
**870-972-2087 (office) 870-926-3342 (cell)**  
**kpittcoc@astate.edu**

Education:

B.S. Texas Tech University 1984 (Horticulture)  
 M.S. University of Tennessee 1986 (Ornamental Horticulture)  
 Ph.D. Texas Tech University 1997 (Agronomy, minor in Biology)

Professional Experience:

Arkansas State University, (Associate Professor of Horticulture 8/11- present; Associate Dean, 8/05 – 8/11; Associate Professor, 5/02 - present; Assistant Professor, 8/98 - 5/02) Jonesboro, AR  
 Abraham Baldwin Agriculture College, (Instructor of Horticulture, 1/89 - 5/92, Assistant Professor of Horticulture, 5/92-6/98; Educational leave 6/94-12/96) Tifton, GA

Teaching Experience at ASU:

28 different classes from 1998-present (4 graduate, 24 undergraduate courses)

Special Problem Courses: (oversee research or independent study projects)

32 students (1999-present)

Abstracts/Posters/Oral Presentations: 8 poster presentations (2002-present, 2 in 2011)

**Tomato Production On Colored Barks and Plastics In Northeast Arkansas**

J. Kim Pittcock and Kimberly R. Lee, Poster Presentation at American Association of Horticultural Sciences Annual Conference, September 2011 (abstract: HortScience Volume 46 (9), Sept. 2011, pg. S255)

**Customer Survey for ASU Regional Farmers' Market** J. Kim Pittcock, W.P. McLean, and Patrick Stewart, Poster Presentation at American Association of Horticultural Sciences Annual Conference, September 2011 (abstract: HortScience Volume 46 (9), Sept. 2011, pg. S246)

Book Chapter

Seed Production, Analysis and Processing, Ch. 38. Plant Propagation Concepts and Laboratory Exercises, (Ed.) Caula Beyl, Robert Trigiano, and John Preece, CRC Press. **2<sup>nd</sup> edition** (2014)  
Seed Production, Analysis and Processing, Ch. 42. Plant Propagation Concepts and Laboratory Exercises, (Ed.) Caula Beyl, Robert Trigiano, and John Preece, CRC Press. (2008)

Scholarly presentations to learned forums

Poster Presentation: "Tomato Production On Colored Barks and Plastics In Northeast Arkansas"; 9/11; Sponsor Organization: Am Soc of Hort Sc; (Hawaii)

Poster Presentation: "Customer Survey for ASU Regional Farmers' Market"; 9/11; Sponsor Organization: Am Soc of Hort Sc; (Hawaii)

Non-Thesis advisor/committee member (Graduate): 32 students (1999-present), 6 students (2008-present)

Sponsorship of student organizations:

ASU Plant Science Club, Advisor 1998-present  
College of Agriculture Graduate Student Organization (advisor) 2003-2008  
College of Agriculture Student Ambassadors (co-advisor) 2005 - 2012

Professional Organizations and Offices Held:

Local organizations: Museum Garden Club - Scholarship Chair 2000 - present

State professional organizations: Arkansas Green Industry Association  
Arkansas Horticulture Society

Regional professional organization: Southern Region - Am Soc of Hort Sc

-Undergraduate Advisor of Assoc. of Collegiate Branch 2/05 - present  
(Responsible for club activities and Horticultural Commodities Judging)

Community Service Activities:

Arkansas State Farmers' Market Association - President (2014-15), Vice  
President (2012-14), Secretary (2012)

East Arkansas RC&D: Member-at-Large Board Member (2007-present)

ASU Regional Farmers' Market: Member of Advisory Council which developed the  
regional market, negotiated long-term lease for use of ASU property for  
construction of the site. 2006-present

Master Gardener Training:

Sponsor Organization: Master Gardener Program (40 hour training program for  
volunteers to assist in community horticulture activities); provided 400+ hours of  
service since 1999 for training in the program statewide  
-work with 2 subgroups on projects at ASU Horticulture Display Gardens and ASU  
Greenhouse facility

Member of Jonesboro Technical Center Horticulture Advisory Board 11/01-present



ARKANSAS STATE  
UNIVERSITY

Renewal Form  
for  
Regular Graduate Faculty Status

Name: Daniel F. Ross

Date: May 19, 2015

Program or Department in which the  
Applicant seeks renewal of  
Regular Graduate Faculty Status:

Music Department, College of Fine Arts

Signature of Originator:

Lauren Schack Clark

Digitally signed by Lauren Schack Clark  
DN: cn=Lauren Schack Clark, o=A-State, ou=Arkansas State University Music  
Department, email=lsclark@astate.edu, c=US  
Date: 2015.05.19 13:04:23 -05'00'

Originator must be a department/program graduate faculty and chair (or program director in the case of interdisciplinary programs)  
Please sign, & click here to submit to Graduate Council for Review

From the Faculty Handbook:

**Qualifications**

*Regular Member of the Graduate Faculty must be a full-time faculty member with a terminal degree. In exceptional cases, unique experience, specialized training and professional competence may substitute for a terminal degree. Regular Members must have documented evidence of an appropriate level of scholarly activity and continued participation in graduate education at the course, committee and program levels.*

**Appointment Requirements and Procedure**

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In the space provided, briefly describe how the applicant's scholarly or creative work in the last six years has met the program's particular expectations, as approved by the the Graduate Council (or using the Graduate Council's generic guidelines for programs that do not have Graduate Council approved guidelines) for regular graduate faculty:

(Please contact the Graduate School if you need a copy of your program/department Graduate Faculty guidelines.)

**Please attach a copy of applicant's CV edited to include only activity from last six years to indicate how they met qualifications.**

Dr. Ross maintains a very active performance schedule, and plays oboe in several different symphony orchestras on a regular basis, including the North Mississippi Symphony Orchestra (1971- present), Delta Symphony, North Arkansas Symphony (2009-2011), Arkansas Philharmonic 2011-2014, and St. Louis Chamber Orchestra (2013). He will perform with the St. Louis Symphony in August 2015. He was soloist in the St. Petersburg Symphony, Russia in 2010, the Moscow Philharmonic in Russia int 2010, and performs with the Forum Sinfonia of Krakow, Poland annually. He is in high demand as a master clinician at many universities and conservatories in the United States and in Europe. Included in the 16 schools where he has taught master classes in the past 6 years are the Juilliard School, Eastman School of Music, Manhattan School of Music, Vanderbilt University, and Florida State University.

☐ **Regular Graduate Faculty Status Renewed**

Appointment is for up to a six year term, at which time the faculty member may reapply. (Individual programs, departments, or colleges may choose to have shorter terms of appointment.)

☐ **Regular Graduate Faculty Status Not Renewed, see Explanation below**

Signature of  
Graduate Council Chair:

GC Chair: If approved by Graduate Council, please sign & click here to submit to Graduate School for Processing

Daniel F. Ross

BME – Arkansas State University, 1967

MSE – Arkansas State University, 1969

DA – University of Mississippi, 1975

1968 – present, Professor of Music, Arkansas State University

Professional activities

Principal Oboe – North Mississippi Symphony Orchestra 1971- present

Delta Symphony

North Arkansas Symphony - 2009-2011

Arkansas Philharmonic 2011-2014

St. Louis Chamber Orchestra -2013

Soloist – St. Petersburg Symphony, Russia - 2010

Moscow Philharmonic, Russia - 2010

Forum Sinfonia - annually

Performances/Masterclasses

University of Texas – 2010, 2012, 2013

Baylor University - 2011

Southern Methodist University – 2011, 2013, 2014

Oklahoma State University - 2015

Eastman School of Music - annually

Juilliard School 2013

Mannes - annually

Manhattan School of Music 2010

Louisiana State University - 2014

Brevard Music Center - annually

University of South Florida - annually

University of Missouri - 2013

University of Music Kansas City - 2014

Vanderbilt -2010

Rice -2011

Florida State University - 2012





ARKANSAS STATE  
UNIVERSITY

Renewal Form  
for  
Regular Graduate Faculty Status

Name: Calvin Shumway

Date: 20 May 2015

Program or Department in which the  
Applicant seeks renewal of  
Regular Graduate Faculty Status:

College of Agriculture and Technology

Signature of Originator:

Steven Green

Digitally signed by Steven Green  
DN: cn=Steven Green, o=Arkansas State University, ou=College of Agriculture  
and Technology, email=sgreen@astate.edu, c=US  
Date: 2015.05.20 06:32:35 -06'00'

Originator must be a department/program graduate faculty or chair (or program director in the case of interdisciplinary programs)  
Please sign, & click here to submit to Graduate Council for Review

From the Faculty Handbook:

**Qualifications**

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(Please contact the Graduate School if you need a copy of your program/department Graduate Faculty guidelines.)

**Please attach a copy of applicant's CV to e-mail. Make sure that it is edited to include only activity from last six years to indicate how they met qualifications.**

Scholarly activity last 6 years:

- 2 peer reviewed journal publications
- 2 non-peer reviewed technical publications
- 2 presentations at national conferences
- 1 invited presentation to regional practitioner audience

☒ **Regular Graduate Faculty Status Renewed**

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☐ **Regular Graduate Faculty Status Not Renewed, see Explanation below**

Signature of  
Graduate Council Chair:

GC Chair: If approved by Graduate Council, please sign & click here to submit to Graduate School for Processing

## **Calvin R. Shumway**

College of Agriculture  
Arkansas State University  
P.O. Box 1080  
State University, AR 72467  
Phone# (870) 972-3557  
FAX # (870) 972-3885  
EMAIL cshumway@astate.edu

1302 Rainwood  
Jonesboro, AR 72401  
(870) 972-1230

### **Education**

Ph.D. August, 1990. Texas A&M University.  
Major: Agronomy/Crop Science

M.S. December, 1981. Southern Illinois University-Carbondale.  
Major: Plant Pathology/Physiology

B.S. December, 1979. Northern Illinois University.  
Major: Biological Science, Minor: Chemistry.

### **Experience**

August 1991- August 1996. Assistant Professor August 1996 - Present Associate Professor, Plant Sciences. College of Agriculture, Arkansas State University. Responsible for instruction of courses in basic plant science, crop production, and statistics.

July 1, 1998 - January 2000, July 2003 - 2004. Associate Dean, January 2000 - June 2003, Interim Dean College of Agriculture, Arkansas State University.

### **Publications**

Cal Shumway, Jorge A. Delgado, Theodis Bunch, Leroy Hansen, and Marc Ribaud. 2012. Best Nitrogen Management Practices Can Reduce the Potential Flux of Nitrogen Out of the Arkansas Delta. *Soil Science* 177:198-209.

C. Cross, A. Wrather, K. Fothergill, K. Tindall, G. Shannon, S. Li, C. Shumway, and J. Rupe. 2012. Fungicide, Herbicide, and Genotype Effects on Charcoal Rot and Phomopsis Seed Decay in Soybean. *Plant Disease* 96:1154-1158.

### **Non-peer Reviewed Publications**

Teague, T.G. and C.R. Shumway. 2013. Cotton Response to Irrigation Timing and Use of Enhanced Efficiency Nitrogen Fertilizer and Biosolids. . pp. 73-82. *in*: S. Boyd, M. Huffman, B. Robertson (eds.), Proc. of the 2013 Beltwide Cotton Conferences, National

Cotton Council, Memphis, TN.

Teague, T.G., C. Rothrock, and C. R. Shumway. 2012. Cotton Response to Irrigation Timing and the Use of Enhanced Efficiency Nitrogen Fertilizer and Biosolids – Year II. pp. 80-91. In D.M. Oosterhuis (ed.), Arkansas Agricultural Experiment Station Research Series 602.

### **Presentations**

A GIS Assessment to Identify and Reduce Nitrate Loads that Contribute to Hypoxia in the Gulf of Mexico. Theodis Bunch, Jorge A. Delgado, Cal Shumway, LeRoy Hansen, and Marc Ribaudó. Presented at the Annual Meeting of the Soil and Water Conservation Society, July 2011, Washington, D.C.

A GIS Assessment to Identify and Reduce Nitrate Loads that Contribute to Hypoxia in the Gulf of Mexico. Theodis Bunch, Jorge A. Delgado, Cal Shumway, LeRoy Hansen, and Marc Ribaudó. Presented at the 2011 ASA, CSSA, and SSSA Annual Meetings, San Antonio, TX.



ARKANSAS STATE  
UNIVERSITY

Renewal Form  
for  
Regular Graduate Faculty Status

Name: Dr. Hung-Chi Su

Date: 09/04/2015

Program or Department in which the  
Applicant seeks renewal of  
Regular Graduate Faculty Status:

Department of Computer Science

Signature of Originator:

Debra Ingram

Digitally signed by Debra Ingram  
DN: cn=Debra Ingram, o=Dept of Math/Stat and Dept of Comp Sci,  
email=d Ingram@astate.edu, c=US  
Date: 2015.09.04 17:40:13 -05'00'

Originator must be a department/program graduate faculty or chair (or program director in the case of interdisciplinary programs)  
Please sign, & click here to submit to Graduate Council for Review

From the Faculty Handbook:

**Qualifications**

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Program Guidelines Completed Within the Last 6 Years.**

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(Please contact the Graduate School if you need a copy of your program/department Graduate Faculty guidelines.)

**Please attach a copy of applicant's CV to e-mail. Make sure that it is edited to include only activity from last six years to indicate how they met qualifications.**

Relevant activity since last renewal:

\*Journal publications/conference papers: four

\*Theses directed: one

\*External funding: Spirit Fitness Web Database System, Spirit Fitness, 2012-2014, \$12,500

\*Graduate courses taught since last renewal: CS 5313, CS 5543, CS 583V, CS 6823, CS 6713, CS 688V, CS 689V (over 30 sections of graduate courses total)

\*Director of Graduate Studies, 2013 -- present

\*Associate Department Chair, 2013 -- present

\*Interim Department Chair, 2012-2013

Details of above activity are contained in the attached CV.

☐ **Regular Graduate Faculty Status Renewed**

Appointment is for up to a six year term, at which time the faculty member may reapply. (Individual programs, departments, or colleges may choose to have shorter terms of appointment.)

☐ **Regular Graduate Faculty Status Not Renewed, see Explanation below**

Signature of  
Graduate Council Chair:

GC Chair: If approved by Graduate Council, please sign & click here to submit to Graduate School for Processing

## Faculty Vitae

### 1. Name

Hung-Chi Su

### 2. Education

Ph. D., Computer Science, Oklahoma State University, 2003.

M. S., Computer Science, Oklahoma State University, 1999.

B. S., Chemical Engineering, National Cheng-Kung University, Taiwan, 1986.

### 3. Academic experience

Arkansas State University, Assistant Professor, 2003–2008, full time

Arkansas State University, Associate Professor, 2008–2012, full time

Arkansas State University, Interim Chair, Associate Professor, 2012–2013, full time

Arkansas State University, Associate Professor, 2013–2015, full time

### 4. Non-academic experience

Shin-Kung Computer Service Company (Taiwan), programmer, develop business service system on mainframe, 1989–1990, full time

Hess Bookstore Chains (Taiwan), programmer, develop inventory software system, 1990–1991, full time

Best Color Enterprise Co. (Taiwan), analyst/programmer, develop inventory software system, 1991–1995, full/part time

### 5. Certifications or professional registrations

### 6. Current membership in professional organizations

Association for Computing Machinery

### 7. Honors and awards

### 8. Service activities (within and outside of the institution)

university digital media committee

college curriculum committee

college assessment committee

college PRT committee

department undergraduate curriculum committee, chair

department graduate curriculum committee, chair

department assessment committee, chair

department PRT committee

department library committee, chair

department graduate admission committee, chair

department scholarship and Awards committee

department course transfer committee

advisor for student development team

Judge for NEA Regional Science Fair

Judge for Crowleys Ridge BEST Robotics, 2006 – 2012

International program committee for The 5th IEEE Asia-Pacific Services Computing Conference (APSCC 2010)

reviewer for The Third International Symposium on Multidisciplinary Emerging Networks and Systems (MENS2012)

reviewer for 2011 International Conference on Intelligent Computing (ICIC 2011)

reviewer for 2012 International Conference on Intelligent Computing (ICIC 2012)

reviewer for 2013 International Conference on Intelligent Computing (ICIC 2013)

reviewer for Journal of Parallel and Distributed Computing (published by Elsevier)

9. Briefly list the most important publications and presentations from the past five years

"Modified Concurrent Access to the B-Link Tree." Co-author: E. T. Hammerand. In *Proceedings of the 25th International Conference on Computers and Their Applications*, March 2010, pp. 49–54.

"Top-Down Approach on Concurrent Access to the B-Link Tree." Co-author: E. T. Hammerand. In *Proceedings of the 19th International Conference on Software Engineering and Data Engineering*, June 2010.

"Reduced Split/Merge Propagation in a Modified B-Link Tree Design." Co-author: E. T. Hammerand. In *Journal of Computational Methods in Science and Engineering*, Vol. 11, Jan 2011, pp.29–40.

"Clustering Performance of 3-Dimensional Hilbert Curves." Co-author: H. K. Dai. In *Proceedings of the 2014 International Conference on Algorithmic Aspects of Information and Management (AAIM2014)*, July 2014, pp. 299–311.

10. Briefly list the most recent professional development activities

Attending 2011 International Conference on Machine Learning (ICML 2011)

Attending 2014 International Conference on Algorithmic Aspects of Information and Management (AAIM2014)

Attending 2014 Arkansas Commercialization Retreat



# Temporary Graduate Faculty Request Form

## (Requesting Approval to Teach for Graduate Credit)

[Print Form](#)

(Submit this form to the Graduate School office using the electronic signature option set up below, remembering to attach the CV to the generated email)

**Date:** 9-4-2015 ☐ **On Campus** ☐ **Off Campus**

**Instructor Name:** Casey Bush **Faculty Position:** Adjunct Faculty

**College:** CNHP **Department:** PT

**Course Prefix(es)**  
**Number and Title:** PT8352 Health and Wellness

**Requested Duration:** 1 Semester

**(A CURRENT VITA MUST ACCOMPANY THIS FORM...Please Remember to Attach CV to Email after Signing Below)**

**Note: This instructor may NOT be assigned to teach courses other than those approved.**

**Other Experience  
and Qualifications  
(Optional):**

**The Department and College have reviewed this instructor's credentials and approve him/her to teach the courses listed above.**

**Signature of  
Originator:**

Shawn Drake, PT, PhD

Digitally signed by Shawn Drake, PT, PhD  
DN: cn=Shawn Drake, PT, PhD, o, ou=Chair of Physical Therapy,  
email=sdrake@astate.edu, c=US  
Date: 2015.09.04 08:14:14 -05'00'

Originator: Sign above & click here to forward Form to Dept. Chair for their signature (attach CV)

**Signature of  
Dept. Chair:**

Shawn Drake, PT, PhD

Digitally signed by Shawn Drake, PT, PhD  
DN: cn=Shawn Drake, PT, PhD, o, ou=Chair of Physical Therapy,  
email=sdrake@astate.edu, c=US  
Date: 2015.09.04 08:14:49 -05'00'

Dept. Chair: Sign above & click here to forward Form to College Dean for their signature (attach CV)

**Signature of  
College Dean:**

Susan Hanrahan, PhD

Digitally signed by Susan Hanrahan, PhD  
DN: cn=Susan Hanrahan, PhD, o=College of Nursing and Health  
Professions, ou=Dean, email=hanrahan@astate.edu, c=US  
Date: 2015.09.08 11:56:32 -05'00'

College Dean: Sign above & click here to forward Form to Graduate School Dean for their signature (attach CV)

**Signature of  
GS Dean:**

Graduate School Dean: Sign above & click here to forward Form to GC Auditor for processing (attach CV)

## **Casey Bush, PT, M.S., Cert. DN**

121 Green Ln #2  
Batesville, Ar 72501  
(870) 776-0974  
**caseykiane@hotmail.com**

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### **Objective**

Licensed physical therapist with experience in providing outpatient rehabilitative services for children, adult, and geriatric populations. Honors graduate of MS program in Physical Therapy and MS program in Exercise Science. Seeking a position as an Adjunct Professor at Arkansas State University utilizing self discipline and the ability to impart knowledge effectively to students. Strong communicator with excellent research skills. Research interests include the effects of spinal manipulation, dry needling, and therapeutic exercise on pain and disability when compared individually. Additional 20 years experience in health and fitness industry as an instructor/trainer. Certified in Dry Needling. Owner of Body, Heart, & Spine, LLC. Currently pursuing a Diploma in Osteopractic Care.

### **Education**

2007, **Master's of Physical Therapy**, Arkansas State University, Jonesboro, AR

2005, **Master's of Exercise Science**, Arkansas State University, Jonesboro, AR

2003, **Bachelor of Science in Exercise Science**, University of Tampa, Tampa, FL

### **Professional Experience**

#### **Owner/Physical Therapist**

April 2014-current, Body, Heart, & Spine, LLC, Batesville, AR

Evaluate, Diagnose, Treat, and Prevent musculoskeletal and neuromuscular pathologies through the use of individually customized spinal mobilization, dry needling, and therapeutic exercise programs.

#### **Physical Therapist**

September 2011-Current, Stars Academy, Batesville, AR

Evaluate, Diagnose, Treat, and Prevent overall gross motor delays in children up to the age of 6 years old. Evaluate and monitor the use of orthotic/prosthetic equipment to address the needs of spasticity, paralysis, and re-alignment to help improve function and prevent deformity.

#### **Physical Therapist**

June 2010-September 2011, Reflectx Staffing; Ascent Children's Health Services/ Child and Youth Pediatric Day Clinics, Batesville, AR

Evaluate, Diagnose, Treat, and Prevent overall gross motor delays in children up to the age of 6 years old. Evaluate and monitor the use of orthotic/prosthetic equipment to address the needs of spasticity, paralysis, and re-alignment to help improve function and prevent deformity.



**Group Fitness Instructor**

Feb 2011-May 2014, Batesville School District, Batesville, AR

Instruct a total body fitness conditioning class for adults incorporating a variety of equipment and training methods.

**Physical Therapist**

July 2009-May 2010, Vail Integrative Medical Group, Edwards, CO

Evaluate, Diagnose, Treat, and Prevent musculoskeletal and neuromuscular pathologies through the use of individually customized manual therapy and therapeutic exercise programs. Experienced in Graston and Active Release Technique.

**Personal Trainer/Group Fitness Instructor**

Sept 2008-May 2010, The Westin Riverfront Resort & Spa, Avon, CO

Develop and implement individual, personalized training sessions for clients based on an individual's goal and current health status. Instruct a variety of group fitness classes including indoor cycle, kickboxing, sculpt/core, and aqua. Close customer service with members, maintain front desk, and assist in membership sales.

**Physical Therapist Technician**

Jan 2008- Aug 2008, Hand Works Physical Therapy, Venice, FL

Patient care, administration of therapeutic exercise, activities, relaxation, and pain management.

**Publications**

Charlebois, Casey, "Knowledge of Heart Rate and Estimated Caloric Expenditure on Exercise Adherence", **Kinesiology Publications**, (2005).

**References available upon request.**





# Temporary Graduate Faculty Request Form

(Requesting Approval to Teach for Graduate Credit)

Print Form

(Submit this form to the Graduate School office using the electronic signature option set up below, remembering to attach the CV to the generated email)

Date: 09/01/2015

☒ On Campus

☐ Off Campus

Instructor Name: Dr. Seo-eun Choi

Faculty Position: Assistant Professor

College: Sciences and Mathematics

Department: Mathematics and Statistics

Course Prefix(es) STAT 6623, Statistical Methods with SAS Programming  
Number and Title: STAT 6643, Multivariate Analysis

Due to lack of signature of College Dean, Dr. Gilbert called Dr. Pratte on 09/08/15 to see if he approved the submission of this Form, and he said that he was.

Requested Duration: 1 Year

(A CURRENT VITA MUST ACCOMPANY THIS FORM...Please Remember to Attach CV to Email after Signing Below)

**Note: This instructor may NOT be assigned to teach courses other than those approved.**  
Dr. Choi is an experienced instructor of graduate-level statistics courses and has taught STAT 6623 and STAT 6643 multiple times. She has served on several Ph.D. dissertation committees for students pursuing the Ph.D. in Environmental Science and the Ph.D. Minor in Statistics. She collaborates on research projects with faculty in the College of Sciences and Mathematics, the College of Agriculture and Technology, and the College of Nursing and Health Professions.

Other Experience and Qualifications (Optional):

The Department and College have reviewed this instructor's credentials and approve him/her to teach the courses listed above.

Signature of Originator:

Debra Ingram

Digitally signed by Debra Ingram  
DN: cn=Debra Ingram, o, ou=Dept of Math/Stat and Dept of Comp Sci, email=d Ingram@astate.edu, c=US  
Date: 2015.09.01 06:48:07 -05'00'

Originator: Sign above & click here to forward Form to Dept. Chair for their signature (attach CV)

Signature of Dept. Chair:

Debra Ingram

Digitally signed by Debra Ingram  
DN: cn=Debra Ingram, o, ou=Dept of Math/Stat and Dept of Comp Sci, email=d Ingram@astate.edu, c=US  
Date: 2015.09.01 06:48:24 -05'00'

Dept. Chair: Sign above & click here to forward Form to College Dean for their signature (attach CV)

Signature of College Dean:

College Dean: Sign above & click here to forward Form to Graduate School Dean for their signature (attach CV)

Signature of GS Dean:

Graduate School Dean: Sign above & click here to forward Form to GC Auditor for processing (attach CV)

## Dr. Seo-eun Choi

Department of Mathematics and Statistics  
Arkansas State University  
P.O. Box 70  
State University, AR 72467  
870-972-3090  
e-mail) schoi@astate.edu

P.O. Box 2205  
State University, AR 72467  
870-919-2617

### EDUCATION

- Ph.D. in Statistics, Florida State University, 2007  
Dissertation: A statistical approach to an ocean circulation inverse problem
- M.S. in Statistics, University of Michigan – Ann Arbor, 1999
- Master/Doctoral combined program in Statistics, University of Wisconsin – Madison, 1994–1997
- B.S. major in Statistics, minor in Computer Science, Ewha Womans University (South Korea), 1994
- Exchange student experience, University of British Columbia (Vancouver, Canada), 1991–1992

### ACADEMIC POSITIONS

- Assistant Professor: August 2008 - present  
Department of Mathematics and Statistics  
Arkansas State University - Jonesboro
- Visiting Assistant Professor : August 2007 - August 2008  
Department of Mathematics and Statistics  
Arkansas State University - Jonesboro

### PROFESSIONAL AFFILIATIONS

- American Statistical Association (ASA, since 10/01/2001)
- Mathematical Association of America (MAA, 2012)
- Korean-American Scientists and Engineers Associations (KSEA, since 09/30/2013)
- Korean International Statistical Society (KISS, since 2012)
- Caucus for Women in Statistics (CWIS, since 08/12/2015)

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### CURRICULUM VITAE

## CURRENT RESEARCH

Bayesian Statistics, MCMC, Statistical Computing, Multivariate Analysis, Categorical Data Analysis, Spatial-Temporal Data Analysis

## GRANTS

- 2011-2013 National Institute of Food and Agriculture (NIFA) - Agriculture and Food Research Initiative (AFRI) grant  
2011-2013: summer salaries in 2012 and 2013  
Award number: 2011-68003-30417  
ASAP Account number: 68003304176800310000  
Award confirmation: 2011. 6. 30.

## RESEARCH AT THE UNIVERSITY LEVEL

- 2015 (July, August) Multivariate Data Analysis with a Predictive Model  
Data analysis in compliance of a request from University Advancement  
Dr. Jason Penry, Vice Chancellor for University Advancement, and  
Ms. Christy Harvey, Director of Prospect Management and Research

## PUBLICATIONS

- T.R. Brueggen-Boman, S. Choi, and J.L. Bouldin (2015) *Response of Water Quality Indicators to the Implementation of Best Management Practices In the Upper Strawberry River Watershed, Arkansas*, *Southeastern Naturalist* (in print)
- S. Choi, and A. Shollenbargar (2015) *Statistical Approaches to Explore the Association of Four Factors in First Graders' Awareness of Final Consonant Clusters in Monomorphemic Words*, In *JSM Proceedings*, Statistical Computing Section. Alexandria, VA: American Statistical Association.

## PUBLICATIONS UNDER REVIEW

- S. Choi, F.W. Huffer, and K.G. Speer (2015) *A Bayesian Approach to an Ocean Circulation Problem*, *Advances in Statistical Climatology, Meteorology and Oceanography* (under review)
- S. Choi, and A. Shollenbargar (2015) *Application of Log-Linear Analysis: Exploring the Association of Four Factors in First Graders' Awareness of Final Consonant Clusters in Monomorphemic Words*, *the American Statistician* (under review)

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## CURRICULUM VITAE

- A. Shollenbarger, G. Robinson, V. Taran, and S. Choi (2015) *Dialect Variation and Phonological Representation of Final Consonant Clusters: Dual Systems or Lexical Quality?*, Language, Speech, Hearing Services in Schools (LSHSS) (under review)
- S. Yoon, S.P. Devaiah, S. Choi, R. Love, J. Lane, C. Drees, J.H. Howard, E.E. Hood (2015) *Overexpression of the cucumber expansin gene (Cs-EXPA1) in maize seed*, Plant Biotechnology Journal (under review)
- J. L. Farris, O. O. Iseyemi, S. Green, M. T. Moore, S. Choi (2015), *Carbon Sequestration Potential in Agricultural Drainage Ditches*, Agriculture, Ecosystems and Environment (under review)

### MANUSCRIPTS READY TO SUBMIT

- Title: An application of logistic regression on four-way contingency tables  
Authors: Seo-eun Choi, Amy Shollenbarger  
Target Journal: Sociological Methods & Research (SMR)
- Title: Influence of Landscape Properties on Phosphorus Dynamics in Agricultural Drainage Ditches  
Authors: Oluwayinka O. Iseyemi, Jerry L. Farris, Matthew T. Moore, Martin A. Locke, Seo-eun Choi  
Target Journal: TBA

### MANUSCRIPTS IN PREPARATION

- Using Web Evaluation to Determine Diversity Awareness in Graduate Mathematics Departments, Seo-eun Choi, Amanda Lambertus
- Cluster analysis on 4-year institutions in Arkansas (submitted to American Statistician in May 2012, but not accepted) Morgan Fincher, Seo-eun Choi  
: almost ready to be submitted to either *Involve*, or *Journal of Educational and Behavioral Statistics*
- A Multivariate Statistical Analysis of Fantasy Baseball  
Courtney Briney, Seo-eun Choi
- Spatial Categorical Data Analysis Using Bayesian Approaches
- Prevalence of Shiga Toxin-producing *Escherichia coli* (STEC) in Beef Cattle and Cattle Farms in Arkansas Delta Region  
Soohyoun Ahn, Dave Gilmore, Donald Kennedy, Seo-eun Choi, Harneet Kaur, Monica Yarbrough

## STUDENT ADVISING

- 2015 Summer – current: Undergraduate Research Advisor for Mr. Macoe Davis  
(Title: Multivariate Statistical Analysis on Relationship between Family Characteristics and Health Insurance Coverage)
- 2014 Fall – current: Undergraduate Research Advisor for Ms. Emily K. Hubbard for honor's thesis (Title: Logistic Regression Analysis on Effects of College Algebra Course on College Students)
- 2014 Fall – current: Undergraduate Research Advisor for Mr. Samuel P. Cowgill  
(Title: Bayesian Approach to Linear Regression Analysis)
- 2013 Fall – 2014 Summer: Master Research Mentor for Mr. Cheyenne Sheppard  
(Title: The Gibbs Sampler: Probabilities from the Posterior)
- 2013 Fall – 2014 Spring: Undergraduate Research Advisor for Mr. Camden Harrell for honor's thesis  
(Title: Canonical Correlation Analysis in Reference to Education and Predictive Systems)
- 2012 Summer – 2013 Spring: Undergraduate Research Advisor for Ms. Courtney Briney for honor's thesis  
(Title: A Multivariate Statistical Analysis of Fantasy Baseball)
- 2009 Fall – 2011 Fall: Undergraduate Research Advisor for Ms. Morgan Fincher with EPSCoR (*Experimental Program to Stimulate Competitive Research*) award from NSF(*National Science Foundation*) for honor's thesis  
(Title: Arkansas College Performance)
- Advisor for New Student Orientation Sessions, Summer 2008 and Summer 2009

## THESIS/DISSERTATION COMMITTEES

- 2013 Fall – current: M.S. Thesis committee for Ms. Tiffani Breckenridge (EVS)  
(Title: Prevalence of Shiga-toxin Producing *Escherichia coli* 0157:H7 on Beef Cattle Farms in Eastern Arkansas)
- 2013 Fall – current: Ph.D. Dissertation committee for Oluwayinka Iseyemi (EVS)  
(Title: The Influence of Landscape Properties of Agricultural Drainage Systems on Contaminants Mitigation)
- 2013 Spring – 2013 Summer: M.S. Thesis committee for Ms. Monica Yarbrough (EVS)  
(Title: Prevalence of Shiga Toxin-Producing *E. coli* in Cattle Farms Located in the Arkansas Delta)
- 2012 Fall – current: Ph.D. Dissertation committee for Ms. Elizabeth Ellington (EVS)

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## CURRICULUM VITAE

- (Title: Nutrient Reduction Design for Sustainable Municipal Wastewater Treatment)
- 2010 Fall – 2012 Fall: Ph.D. Dissertation committee for Ms. Teresa Bruggen (EVS)  
(Title: Investigation of Land Use and Best Management Practices on the Upper Strawberry River Watershed, Fulton County, AR, USA)
- 2009 Fall - current: Ph.D. Dissertation committee for Ms. Traci Hudson (EVS)  
(Title: Assessing Aquatic System Metabolism Response to Disturbance)
- 2008 Summer : M.S. Thesis committee for Ms. Latia Caraway

## PRESENTATIONS

- 2015 August, *Applications of Log-Linear Analysis and Logistic Regression Analysis: Exploring the Association of Four Factors in First Graders' Awareness of Final Consonant Clusters in Monomorphemic Words*, Joint Statistical Meetings (Seattle, WA), Seo-eun Choi (presenter), Amy Shollenbarger
- 2015 August, *Logistic Regression Analysis on Effects of College Algebra Course on College Students*, MathFest 2015, Emily Hubbard (presenter), Seo-eun Choi
- 2015 April, *Logistic Regression Analysis on Effects of College Algebra Course on College Students*, MAA AR-OK meeting (2015. 4. 10), Emily Hubbard (presenter), Seo-eun Choi
- 2015 April, *Bayesian Approach to Linear Regression Analysis*, MAA AR-OK meeting (2015. 4. 10), Samuel Cowgill (presenter), Seo-eun Choi
- 2015 April, *Carbon Sequestration Potential in Agricultural Drainage Ditches*, Create@STATE (2015. 4. 7), Oluwayinka O. Iseyemi (Presenter), Jerry L. Farris, Matthew T. Moore, Steve Green, Seo-eun Choi
- 2015 April, *Logistic Regression Analysis on Effects of College Algebra Course on College Students*, Create@STATE (2015. 4. 7), Emily Hubbard (presenter), Seo-eun Choi
- 2015 April, *Bayesian Approach to Linear Regression Analysis*, Create@STATE (2015. 4. 7), Samuel Cowgill (presenter), Seo-eun Choi
- 2015 January, *Prevalence of Shiga-toxin Producing Escherichia Coli on Beef Cattle Farms in Eastern Arkansas*, the Annual Meeting of the Southern Section, American Society of Animal Science (Atlanta, GA, Jan. 31 – Feb. 3, 2015, in conjunction with the 112th annual meeting of the Southern Association of Agricultural Scientists), Tiffani Breckenridge (presenter), Donald Kennedy, David Gilmore, Seo-eun Choi, Monica Yarbrough, S. Pulley, Harneet Kaur



- 2014 April, *Prevalence of Shiga-toxin Producing Escherichia coli O157:H7 on Beef Cattle Farms in Eastern Arkansas*, Create@STATE, Tiffani Breckenridge (presenter), Donald Kennedy, David Gilmore, and Seo-eun Choi
- 2014 April, *Canonical Correlation in Reference to Education and Predictive Systems*, Create@STATE, Camden Harrell (presenter) and Seo-eun Choi
- 2014 April, *The Gibbs Sampler: Probabilities from the Posterior*, Create@STATE, Cheyenne J. Sheppard (presenter) and Seo-eun Choi
- 2013 August, *Bayesian Approach to an Ocean Circulation Problem*, Joint Statistical Meetings (Montreal, Canada), Seo-eun. Choi (presenter), Fred W. Huffer, and Kevin G. Speer
- 2013 July, *Prevalence of Shiga Toxin-producing Escherichia coli (STEC) in Beef Cattle and Cattle Farms in Arkansas Delta Region*, International Association for Food Protection (IAFP) Annual Meeting (Charlotte, NC), Soohyoun Ahn (presenter), Dave Gilmore, Donald Kennedy, Seo-eun Choi, Harneet Kaur, and Monica Yarbrough
- 2013 April, *A Multivariate Statistical Analysis of Fantasy Baseball*, Create@STATE, Briney Courtney (presenter), Seo-eun Choi
- 2011 August, *A Statistical Approach to an Ocean Circulation Inverse Problem*, at Joint Statistical Meetings (Miami, FL), Seo-eun Choi (presenter), Fred W. Huffer, and Kevin G. Speer
- 2011 March, *Arkansas Collegiate Performance*, Create@STATE, Morgan Fincher (presenter) and Seo-eun Choi
- 2010 August, *Arkansas Collegiate Performance*, MathFest (Pittsburgh, PA), Morgan Fincher (presenter), Seo-eun Choi
- 2010 March, *A statistical approach to an ocean circulation inverse problem (poster)*, Travel supported by International Bayesian Association: \$600, Frontiers of Statistical Decision Making and Bayesian Analysis
- 2007 Spring, *A Statistical Approach to the Stommel Gulf Stream Model*, American Statistical Association (ASA) – Florida chapter meeting, oral presentation, student paper competition
- 2002 Fall, *A Statistical Approach to the Stommel Gulf Stream Model*, Statistical and Applied Mathematical Sciences Institute (SAMSI) conference: Challenges in Stochastic Computation, poster presentation
- 2001 Spring, *A Statistical Approach to the Stommel Gulf Stream Model*, Department Colloquium (I won the Anna and Yongyuan Li Award for the Best Student

*Colloquium 2000-2001.)*

## REVIEWER EXPERIENCE

- Book Review

- 2015: Routledge  
*Statistics in Plain English*, new edition by Timothy Urdan  
Chapters 3, 7, 11, 12, 13, and 15
- 2014: Macmillan Education  
*Discovering Statistics*, 3rd edition by Daniel Larose  
Chapters 10-14
- 2014: McGraw-Hill Education  
*Elementary Statistics* by William Nayidi and Barry Monk  
Chapter 9 Hypothesis Testing and completing an online survey
- 2013: Introductory Statistics Review, Wiley  
*Introduction to Statistical Investigation*, by A. Rossman, B. Chance, N. Tintle, G. Cobb, S. Roy, J. VanderStoep, and T. Swanson
- 2013: John Wiley & Sons, Inc.  
*Stats: Data and Analytics* by Peter C. Bruce
- 2013: Cengage Learning  
*Applied Calculus* by Berresford and Rockett

- Conference Proposal Review

- 2012 PME-NA (Psychology of Mathematics Education, North America Chapter) conference (November 1-4, 2012) at Western Michigan University, Kalamazoo, MI  
I reviewed 4 proposals for Mathematical thinking, 2012 March

- Journal Review for Manuscripts

Since 2015: International Journal of Environmental Research and Public Health  
Since 2010: Journal of Statistical Computation and Simulation

- 2015 *International Journal of Environmental Research and Public Health*  
Modeling Contact Heterogeneity in Infectious Disease Transmission in a  
Mathematical Model (ijerph-89625)  
Lingcai Kong, Jinfeng Wang, Weiguo Han, Zhidong Cao  
Review for the original manuscript: July 2015  
Review for the resubmitted manuscript: August 2015
  
- 2015 *Journal of Statistical Computation and Simulation*  
Stochastic search for Bayesian learning of tree and forest graphical models (GSCS-  
2015-0319)  
Jones, Edmund, Didelez, Vanessa
  
- 2015 *Journal of Statistical Computation and Simulation*  
Performance of nonparametric multiple comparison tests under heteroscedasticity,  
dependency, and non-normal error distribution (GSCS-2015-0113)  
Dolgun N. Anil, Hacettepe, Demirhan, Haydar
  
- 2015 *Journal of Statistical Computation and Simulation*  
Bayesian Spatial Prediction for Generalized Skew Laplace Random Fields (GSCS-  
2014-0760)  
Saber Mohammadmehdi, Nematollahi, Alireza, Mohammadzadeh, Mohsen
  
- 2014 *Journal of Statistical Computation and Simulation*  
Generalized Gompertz-power series distributions (GSCS-2014-0007)  
S. Tahmasebi, A. A. Jafari
  
- 2014 *Journal of Statistical Computation and Simulation*  
Randomly Weighted Averages on Beta Distributions (GSCS-2014-0042)  
Homei, H
  
- 2014 *Journal of Statistical Computation and Simulation*  
Estimation and Prediction for an Unified Hybrid Censored Burr Type XII  
Distribution (GSCS-2014-0393)  
A. Sayyareh, H. Panahi,

- 2014 *Journal of Statistical Computation and Simulation*  
Inference of Several Log-normal Distributions. (GSCS-2014-0314)  
G. Zhang, B. Falk
- 2013 *Journal of Statistical Computation and Simulation*  
A Bayesian Analysis of the Heterogeneity of Literary Style (GSCS-2013-0429)  
M. Font, X. Puig, and J. Ginebra
- 2012 *Journal of Statistical Computation and Simulation*  
Probabilistic Predictions for Cocaine Consumption Dynamics Using Approximate  
Bayesian Computation (GSCS-2013-0142)  
F. Santonja, F. Guerrero, M. Rubio, R. Villanueva  
Original manuscript review: 2012 April  
Revised manuscript review: 2012 July
- 2011 *Journal of Statistical Computation and Simulation*  
Posterior Modeling and Simulation on Relationship of Return Volatility and Trading  
Volume in China Stock Market (GSCS-2011-0306)  
S. Zheng
- 2010, 2011 *Journal of Statistical Computation and Simulation*  
Reducing Bias of the Maximum Likelihood Estimator of Shape Parameter for the  
Gamma Distribution (GSCS-2009-0356)  
J. Zhang  
Original manuscript review: 2010 June  
Revised manuscript review: 2010 September  
Secondly revised manuscript review: 2011 January
- 2010 *Journal of Statistical Computation and Simulation*  
Improving on the Maximum Likelihood Estimator of Shape Parameter for the  
Gamma Distribution (GSCS-2009-0356.R1)  
J. Zhang

## TEACHING EXPERIENCE

- Arkansas State University : Assistant Professor
  - Statistics : Applied Statistics I (including Honors), Applied Statistics II, Probability and Statistics I (including Honors), Probability and Statistics II, Statistical Methods with SAS Programming, Multivariate Analysis, Bayesian Statistics, Statistical Analysis with R
  - Mathematics : Survey of Calculus, Business Calculus, Calculus (including Honors)
- Florida State University : Teaching Assistant/Solo Instructor
  - Statistics Through Example, Fundamental Business Statistics, Introduction to Applied Statistics, Analysis of Variance, Mathematical Statistics
- University of Michigan - Ann Arbor : Teaching Assistant
  - Introduction to Statistical Reasoning
- University of Wisconsin – Madison : Teaching Assistant
  - Introduction to Statistics, Regression Analysis, Sampling Theory, Experimental Design, Multivariate Statistical Analysis

## RESEARCH EXPERIENCE AS A GRADUATE STUDENT

- Florida State University : Research Assistant
  - 2000 Summer – 2002 Summer : Ocean fluxes in the eastern North Atlantic Ocean (Bayesian, Spatial analysis)
- University of Michigan - Ann Arbor : Research Assistant
  - 1998 Fall : Orthodontics-Pediatric Dentistry (Regression & Nonparametric correlation analysis)
  - 1997 Fall – 1998 Winter : Orthodontics-Pediatric Dentistry (Data screening)

## SERVICE

### 1. Community

- Science Fair judge at Valley View Intermediate Science Fair (since 2012)
- Research mentor for Crowley's Ridge BEST robotics team at Valley View Intermediate School (2012)
- Research mentor for LEGO robotics team at Valley View Intermediate School (2011)
- Junior/Senior Mathematics division judge at Northeast Arkansas Regional Science

Fair (since 2010)

- Spirits and Sportsmanship judge for Crowley's Ridge BEST Robotics competition (2008-2012, the program stopped after the competition in 2012)

## 2. Consulting

- 2015 Spring: Ms. Brinda McKinney (School of Nursing) – Ph.D. dissertation consulting
- 2013 Summer: Dr. Amy Shollenbarger (Dept. of communication disorder) – Ph.D. dissertation consulting (University of Arkansas)
- 2013 Spring: Ms. Harneet Kaur (EVS) – M.S. thesis consulting
- 2012 Summer: Dr. Deborah Darlene Shipman – Ph.D. dissertation consulting / University of Tennessee Health Science Center  
Dr. Darlene is currently working as APN at Cardio Thoracic Surgeons of NEA (201 E Oak Ave, Jonesboro, AR)
- 2012 Spring – Summer: Dr. Sangwoong Yoon (ABS) – Ph.D. dissertation consulting



## Temporary Graduate Faculty Request Form (Requesting Approval to Teach for Graduate Credit)

[Print Form](#)

(Submit this form to the Graduate School office using the electronic signature option set up below, remembering to attach the CV to the generated email)

Date: 9-4-2015

☒ On Campus

☐ Off Campus

Instructor Name: LaToya Green

Faculty Position: Instructor

College: CNHP

Department: PT

Course Prefix(es) PT 8674 Musculoskeletal 3  
PT 7232 Introduction to Orthopedics & Imaging  
Number and Title: PT 8255 Musculoskeletal 2  
PT 8373 Special Topics in Physical Therapy

Requested Duration: 3 Years

(A CURRENT VITA MUST ACCOMPANY THIS FORM...Please Remember to Attach CV to Email after Signing Below)

Note: This instructor may NOT be assigned to teach courses other than those approved.

Other Experience  
and Qualifications  
(Optional):

The Department and College have reviewed this instructor's credentials and approve him/her to teach the courses listed above.

Signature of  
Originator:

Shawn Drake, PT, PhD

Digitally signed by Shawn Drake, PT, PhD  
DN: cn=Shawn Drake, PT, PhD, o=Chair of Physical Therapy,  
email=sdrake@astate.edu, c=US  
Date: 2015.09.04 08:20:04 -05'00'

Originator: Sign above & click here to forward Form to Dept. Chair for their signature (attach CV)

Signature of  
Dept. Chair:

Shawn Drake, PT, PhD

Digitally signed by Shawn Drake, PT, PhD  
DN: cn=Shawn Drake, PT, PhD, o=Chair of Physical Therapy,  
email=sdrake@astate.edu, c=US  
Date: 2015.09.04 08:20:23 -05'00'

Dept. Chair: Sign above & click here to forward Form to College Dean for their signature (attach CV)

Signature of  
College Dean:

Susan Hanrahan, PhD

Digitally signed by Susan Hanrahan, PhD  
DN: cn=Susan Hanrahan, PhD, o=College of Nursing and Health  
Professions, ou=Dean, email=hanrahan@astate.edu, c=US  
Date: 2015.09.08 11:57:41 -05'00'

College Dean: Sign above & click here to forward Form to Graduate School Dean for their signature (attach CV)

Signature of  
GS Dean:

Graduate School Dean: Sign above & click here to forward Form to GC Auditor for processing (attach CV)

**LaToya L. Green, PT, DPT**  
7940 Tchulahoma Road  
Southaven, MS 38671  
Home (662) 393-3268 Mobile (901) 490-1200  
email: latoyan1@yahoo.com

**Education:**

Arkansas State University: Doctor of Physical Therapy (May 2015)  
Arkansas State University: Master of Physical Therapy (December 2004)  
Tougaloo College: Bachelor of Arts in Psychology (May 1998)

**Experience:**

**Physical Therapist**

Baptist Memorial Hospital-Desoto, Southaven, MS 38671, March 2005-present

Position Summary: Examine, evaluate, diagnose and document data regarding patient's strength, functional capacity, motor development and function, sensory perception and skin integrity based on the patient's neuromuscular, musculoskeletal, integumentary and cardiovascular systems. Plan, prepare and execute treatment programs to maintain, restore, or improve physical functioning, alleviate pain and prevent physical dysfunction in patients. Administer aquatic exercise, therapeutic exercise, therapeutic/functional activity, gait and balance training, postural training, wound care management, manual therapy and physical agents to relieve pain, increase functional capacity and decrease or prevent deformity. Identify and document goals and progress toward goals, plan for reevaluation and discharge patients from physical therapy when goals have been attained. Provide home exercise programs and other pertinent information to patients and family. Collaborate with medical practitioners by planning, implementing and assessing interventions and referring patients to these individuals when patients' diagnoses are outside the scope of physical therapy practice. Direct and supervise supportive staff and students by assessing their competence and delegating specific tasks. Market and provide educational information regarding physical therapy/therapists, injury prevention, ergonomics and health and wellness to other departments, organizations and community.

**Graduate Assistant for the University Wellness Program and Dean of Nursing and Health Professions**

Arkansas State University, State University, Arkansas 72467, June 2002-August 2004

Position Summary: Researched, composed, produced and disseminated "Health in Our Hands" wellness newsletter.

Scheduled guests for "Focus on Health" wellness radio show.

Created and designed pamphlets, booklets and displays.

**Biology/Chemistry Teacher**

Coffeeville High School, Coffeeville, Mississippi 38922, August 2001-July 2002

Position Summary: Planned and delivered instruction to facilitate high levels of learning for high school students in the subjects of biology I, biology II and chemistry.

Utilized sophisticated materials/equipment and interactive learning tools to assist students in grasping abstract concepts, solve problems and develop critical thinking skills.

Prepared daily lesson plans, prepared and administered tests, averaged grades and recorded students' progress.

Organized and managed the learning environment and maintained student behavior that was conducive to learning.

Served duties for morning arrivals, afternoon departures and extracurricular activities.

Participated in faculty and professional meetings, attended educational conferences and participated in teacher training workshops.

**References available upon request.**



## References

Molly Bienvenu, PT  
Home Choice  
(662) 934-7836

Dr. Susan Hanrahan, PT  
Dean of Nursing & Health Professions  
Interim Dean of College of Education and Behavioral Science  
Professor of Physical Therapy  
(870) 972-3112

Dr. Myra Meekins, PT, DPT, OCS  
Physical Therapy Professor at the University of Tennessee-Memphis  
901-647-8075



# Temporary Graduate Faculty Request Form

(Requesting Approval to Teach for Graduate Credit)

Print Form

(Submit this form to the Graduate School office using the electronic signature option set up below, remembering to attach the CV to the generated email)

Date: 9/10/15

☒ On Campus

☐ Off Campus

Instructor Name: William Maynard

Faculty Position: Associate Professor

College: HSS

Department: History

COURSE PREFIX(es) HIST 5213: History of England 55 BC to 1689  
HIST 5223: History of Great Britain 1689 to 1982  
Number and Title: HIST 6623: European History  
HIST 6273: Special Topics in World History

Requested Duration: 3 Years

(A CURRENT VITA MUST ACCOMPANY THIS FORM...Please Remember to Attach CV to Email after Signing Below)

Note: This instructor may NOT be assigned to teach courses other than those approved.

Other Experience  
and Qualifications  
(Optional):

The Department and College have reviewed this instructor's credentials and approve him/her to teach the courses listed above.

Signature of  
Originator:

Joseph P. Key

Digitally signed by Joseph P. Key  
DN: cn=Joseph P. Key, o=Arkansas State University, ou=Department  
of History, email=jkey@astate.edu, c=US  
Date: 2015.09.09 12:34:01 -05'00'

Originator: Sign above & click here to forward Form to Dept. Chair for their signature (attach CV)

Signature of  
Dept. Chair:

Joseph P. Key

Digitally signed by Joseph P. Key  
DN: cn=Joseph P. Key, o=Arkansas State University, ou=Department  
of History, email=jkey@astate.edu, c=US  
Date: 2015.09.09 12:35:16 -05'00'

Dept. Chair: Sign above & click here to forward Form to College Dean for their signature (attach CV)

Signature of  
College Dean:

College Dean: Sign above & click here to forward Form to Graduate School Dean for their signature (attach CV)

Signature of  
GS Dean:

Graduate School Dean: Sign above & click here to forward Form to GC Auditor for processing (attach CV)

**NAME: William B. Maynard**  
Associate Professor of History

**I. QUALIFICATIONS:**

**A. Academic:**

1. PhD, University College, University of Durham.
2. MA, University College, University of Durham.
3. BA, California State University, Long Beach, California.

**B. Professional:**

1. Certificate of Education, Jordanhill College, University of Glasgow, Scotland
2. Registered with the General Teaching Council of Scotland since 1981.

**II. The following research topics have been written up and completed for publication, but have yet to be submitted or are being edited for publication:**

- A. >Maintaining the Established Order: Anglican Clerics as civil magistrates, 1780-1840' in the hands of the editor of the *Bulletin of the Institute of Historical Research* for consideration for publication.
- B. Over wealthy, aggressively political, and anti-reform: the Durham clergy, 1775-1850, completed article, yet to be submitted for publication.
- C. *The Diocese of Durham: Bishop Shute Barrington's Replies to Queries Before Visitation, 1792, the archdeaconry of Durham, including the replies to queries sent before visitation by the archdeacon of Durham, Benjamin Pye.* Commissioned by the English record society, The Surtees Society, this volume has been completed, and after completing revisions pointed out by the editor of the society will be re-submitted.
- D. >" . . . the old-fashioned, orthodox, hand shaking, bowel-disturbing passion of fear had a good deal to do with the whole reform . . .": episcopal and capitular augmentation "of the Maintenance of the poor Clergy", 1714-1832: The case of the Bishop and Chapter of Durham.' As above, this article has been reviewed for publication by the editor of the *Journal of Ecclesiastical History*, University of Cambridge, and pending suggested corrections and additions is to be re-submitted.
- E. In attrition, I have been trying to complete a project relating to British investment in late 19<sup>th</sup>-century Arkansas though the creation of a London based company, The Arkansas Cotton

and Timber Lands Company, and which includes reference to Arkansas' debt obligations, the creation in London of the Council of Foreign Bond Holders for the collection of repudiated debts, and the impact on the state of its failure to meet its international financial obligations.



# Temporary Graduate Faculty Request Form

(Requesting Approval to Teach for Graduate Credit)

Print Form

(Submit this form to the Graduate School office using the electronic signature option set up below, remembering to attach the CV to the generated email)

Date: 09/04/2015

☒ On Campus

☐ Off Campus

Instructor Name: Dr. Suzanne Melescue

Faculty Position: Associate Professor

College: Science and Mathematics

Department: Mathematics and Statistics

Course Prefix(es) MATH 5553, Advanced Calculus I  
Number and Title: MATH 5563, Advanced Calculus II

Due to lack of signature of College Dean, Dr. Gilbert called Dr. Pratte on 09/08/15 to see if he approved the submission of this Form, and he said that he was.

Requested Duration: 1 Year

(A CURRENT VITA MUST ACCOMPANY THIS FORM...Please Remember to Attach CV to Email after Signing Below)

**Other Experience and Qualifications (Optional):**  
**Note:** This instructor may NOT be assigned to teach courses other than those approved. Dr. Melescue's research area is Ordinary Differential Equations (Dirac operator, Sturm-Liouville operator, perturbation theory, relatively bounded, relatively compact, maximal and minimal operators). Her teaching is excellent at both the graduate and undergraduate level. She has 18 years of experience teaching in the M.S. Mathematics curriculum. She has developed graduate courses that have enhanced our graduate degree programs and has served on many thesis committees.

The Department and College have reviewed this instructor's credentials and approve him/her to teach the courses listed above.

Signature of Originator:

Debra Ingram

Digitally signed by Debra Ingram  
DN: cn=Debra Ingram, o, ou=Dept of Math/Stat and Dept of Comp Sci, email=d Ingram@astate.edu, c=US  
Date: 2015.09.04 13:35:14 -05'00'

Originator: Sign above & click here to forward Form to Dept. Chair for their signature (attach CV)

Signature of Dept. Chair:

Debra Ingram

Digitally signed by Debra Ingram  
DN: cn=Debra Ingram, o, ou=Dept of Math/Stat and Dept of Comp Sci, email=d Ingram@astate.edu, c=US  
Date: 2015.09.04 13:35:31 -05'00'

Dept. Chair: Sign above & click here to forward Form to College Dean for their signature (attach CV)

Signature of College Dean:

College Dean: Sign above & click here to forward Form to Graduate School Dean for their signature (attach CV)

Signature of GS Dean:

Graduate School Dean: Sign above & click here to forward Form to GC Auditor for processing (attach CV)

# Suzanne Collier Melescue

Associate Professor of Mathematics

(870)972-3090

scmelescue@astate.edu

## Education

- Ph D Mathematics, University of Tennessee, Knoxville, 1997  
Dissertation: A Theory on Perturbations of the Dirac Operator
- MS Mathematics, University of Tennessee, Knoxville, 1993
- BS Secondary Education: Mathematics, University of Tennessee, Chattanooga, 1991

## Employment

- Associate Professor of Mathematics, Arkansas State University, 2002 – present
- Assistant Professor of Mathematics, Arkansas State University, 1997 – 2002

## Honors and Awards

- Nominated for Honors Professor of the Year (Teaching Award) 2011, 2012
- Dean's Research Award, College of Arts and Sciences, 1998-99, 2000-01, 2001-02

## Professional Interests

### Research

Ordinary Differential Equations (Dirac operator, Sturm-Liouville operator, perturbation theory, relatively bounded, relatively compact, maximal and minimal operators)

### Teaching

To continually develop teaching strategies to more actively engage all students in the learning process—inside and outside of the classroom

To provide honors students with a more challenging curriculum in order to solve advanced-level problems and to emphasize the practicality of course material through projects, many of which require the use of *Mathematica*

## Scholarly Contributions and Creative Productions

### Journal Publications

Melescue, S. (2002). Decay of Solutions of Ordinary Differential Equations. *Journal of Mathematical Analysis and Applications*, 276(2002), 532 - 544.

Melescue, S., & Hinton, D.B. (2001). Relative-Boundedness-Compactness Inequalities for a Second Order Differential Operator. *Mathematical Inequalities & Applications*, 4(1), 35 - 52.

Melescue, S. (1999). A Theory on Perturbations of the Dirac Operator. *Journal of Inequalities and Applications*, 4(1999), 17 - 56.

### Presentations (select)

*Fibonacci Sequence: Nature's Numbering System?* ASU Chapter of the Mathematical Association of America, 2014

*Differential Equations: Stability Analysis*, S. Melescue and R. Montefort. ASU McNair Program Presentation, Fall 2010

*Lotka-Volterra Predator-Prey Model: Interactions of Two Species*, S. Melescue and R. Montefort. ASU McNair Program Presentation, Summer 2010

*Decay of Solutions of Ordinary Differential Equations* (By invitation). **22nd Southeastern-Atlantic Regional Conference on Differential Equations**, University of TN, Knoxville, 2002

*Relative-Boundedness-Compactness Inequalities for a Second Order Differential Operator*. D. Hinton and S. Melescue (By invitation). **Southeastern Meeting of the American Mathematical Society**, University of Alabama, Birmingham, AL, 2000

*Relatively Bounded Perturbations of Two Differential Operators*, D. Hinton and S. Melescue (By invitation). **Differential Equations Seminar**, University of Missouri, Rolla, MO, November 1999

*Introduction to Maximal and Minimal Operators Associated with Differential Expressions*. **Departmental Analysis/Differential Equations Seminar**, Arkansas State University, 1998

*A Theory on Perturbations of the Sturm-Liouville Operator* (By invitation). **Southeastern Meeting of the American Mathematical Society**, Wake Forest University, Winston-Salem, NC, 1998

*A Theory on Perturbations of the Dirac Operator*. **Third Midwest-Southeastern Atlantic Joint Regional Conference on Differential Equations**, Vanderbilt University, Nashville, TN, November 1997

### **Institutional Committees (select)**

#### **University**

Faculty Senate, 2011 – present

Faculty Achievement Awards Committee, 2005 - 2012

Undergraduate Enrollment and Academic Policy Committee, 2007 - 2011

University Honors Scholarship Competition, Spring 2008

Barry M. Goldwater Scholarship Committee, 1997 – 2002

#### **College**

Promotion, Retention and Tenure Committee, 2006 – present

Computer Science Dept Promotion, Retention, and Tenure Committee, 2008 – present

Computer Science Chair Search Committee, 2011 -2012

Dean Search Committee, 2008

#### **Department**

Academic Advisor: B.S. Mathematic, B.S.E. Mathematics, Math Minor, Stat Minor

Promotion, Retention and Tenure Committee, 2002, 2005-06; Co-Chair 2007 – present

Calculus Review Committee: Member 1998-2002, Chair 2002-present

Masters Thesis Committee Member

- Delong Li (Advisor: Dr. Jie Miao), MS Mathematics, "Everywhere Continuous but Nowhere Differentiable," 2014
- Orhan Kaplan (Advisor: Dr. Jie Miao), MSE Mathematics, "Weierstrass-Stone Theorem, A Constructive Approach," 2011
- Andrew Hostetler (Advisor: Dr. Jie Miao), MS Mathematics, "Mobius Transformations of Circles and Ellipses," 2007
- Katherine Logan (Advisor: Dr. Seth Armstrong), MS Mathematics, "The Jordan Canonical Form: A Direct Approach," 1998

Mathematics Education Faculty Search Committee, 2001-02, 2010-11, 2013-14

Mathematics Faculty Search Committee, 1998-2002, 2007- 2009

Teacher Education Screening Committee, 1997 – 2003, 2005 - 2008

Chair Search Committee, 2002 - 2003

NCATE/NCATE Program Review Committee for BSE Mathematics, 2002



## Temporary Graduate Faculty Request Form (Requesting Approval to Teach for Graduate Credit)

[Print Form](#)

(Submit this form to the Graduate School office using the electronic signature option set up below, remembering to attach the CV to the generated email)

Date: 9-4-2015 ☐ On Campus ☒ Off Campus

Instructor Name: Andy Shatley

Faculty Position: Adjunct Professor

College: CNHP

Department: PT

PT 8373 Special Topics in Physical Therapy

Course Prefix(es)  
Number and Title:

Requested Duration: 1 Semester

**(A CURRENT VITA MUST ACCOMPANY THIS FORM...Please Remember to Attach CV to Email after Signing Below)**

**Note: This instructor may NOT be assigned to teach courses other than those approved.**

Other Experience  
and Qualifications  
(Optional):

Andy is teaching a Special Topics course in the area of Sports Medicine. Andy has a MPT degree and is a Sports Certified Specialist through the American Physical Therapy Association.

**The Department and College have reviewed this instructor's credentials and approve him/her to teach the courses listed above.**

Signature of  
Originator:

**Shawn Drake, PT, PhD**

Digitally signed by Shawn Drake, PT, PhD  
DN: cn=Shawn Drake, PT, PhD, o, ou=Chair of Physical Therapy,  
email=sdrake@astate.edu, c=US  
Date: 2015.09.04 08:12:08 -05'00'

Originator: Sign above & click here to forward Form to Dept. Chair for their signature (attach CV)

Signature of  
Dept. Chair:

**Shawn Drake, PT, PhD**

Digitally signed by Shawn Drake, PT, PhD  
DN: cn=Shawn Drake, PT, PhD, o, ou=Chair of Physical Therapy,  
email=sdrake@astate.edu, c=US  
Date: 2015.09.04 08:12:28 -05'00'

Dept. Chair: Sign above & click here to forward Form to College Dean for their signature (attach CV)

Signature of  
College Dean:

**Susan Hanrahan, PhD**

Digitally signed by Susan Hanrahan, PhD  
DN: cn=Susan Hanrahan, PhD, o=College of Nursing and Health  
Professions, ou=Dean, email=hanrahan@astate.edu, c=US  
Date: 2015.09.08 11:55:44 -05'00'

College Dean: Sign above & click here to forward Form to Graduate School Dean for their signature (attach CV)

Signature of  
GS Dean:

Graduate School Dean: Sign above & click here to forward Form to GC Auditor for processing (attach CV)



5231 Providence Circle  
Jonesboro, AR 72404

Phone 870.930.6398  
Fax 870.207.0525  
E-mail [shatley11@suddenlink.net](mailto:shatley11@suddenlink.net)

# Andy Shatley, PT, SCS

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## Education

[1998 – 2002]

Arkansas State University Jonesboro, AR  
**Biological Sciences, Pre-professional Studies**  
▪ Cum Laude

[2002 – 2004]

Arkansas State University Jonesboro, AR  
**Master of Physical Therapy**  
▪ Board Certified Sports Clinical Specialist (2010-present)

## Professional experience

[ Feb 2005 – June 2005 ]

Healthsouth Outpatient Jonesboro, AR  
**Staff Physical Therapist**

[ Jun 2005 – May 2008 ]

St. Bernards Sports Medicine Jonesboro, AR  
**Staff Physical Therapist**

[ May 2008 – current ]

St. Bernards Sports Medicine Jonesboro, AR  
**Director of Sports Medicine**  
**Physical Therapist**

## Publications

Fleisig GS, Phillips R, Shatley A, Loftice J, Dun S, Drake S, Farris JW, Andrews JR. Kinematics and kinetics of youth baseball pitching with standard and lightweight balls. *Sports Engineering* 9:155-163, 2006.

Shatley, A. "Specialization and Overtraining: How much is too much?" *GameFace Magazine* November 2007

**Professional  
development  
activities**

1. Injury Prevention and Treatment Techniques  
PBATS Jan 3-5, 2008 – St. Louis, MO
2. Physical Therapies in Sport and Exercise: Principles and Practice  
Home Study Course - Fall 2007
3. Injuries in Baseball Conference (ASMI)  
Houston, TX January 2009
4. Emergency Response Course  
Greenville, SC Summer 2009
5. Sports Clinical Specialist completion.  
APTA Board Certified Feb 2010

**Professional  
memberships**

Active member of American Physical Therapy Association since 2004.  
APTA Sports Section member since 2004.

**Community  
activities**

Co-Director of 2004 WSBC Church Basketball League  
Started Annual St. Bernards Sports Medicine Coaches clinic (2008-present)  
Member of 2008 FCA Golf Tournament committee  
Co-Director of S.P.E.E.D Camp (2008, 2009, 2010)  
Board member of Arkansas State Touchdown Club (2009-2010)  
Founder and Co-Chair of Arkansas Ride for the Cure (2009-present)  
Member of Walnut Street Baptist Church – Jonesboro, AR  
President, Jamestown Homeowners Association (2011-present)  
Serve on Foundation of Arts Capital Campaign committee (2014-present)

**Hobbies**

I enjoy multi-sport events and the training required. I have completed 8 half-marathons, 8 sprint triathlons, 1 Olympic distance triathlon, one Half Ironman, one 50k trail run and two 100+mile road races.

I am married to Misty Shatley (11/21/1997) and we have two girls: Ava (4/3/2005) and Skye (9/19/2008).

**Sports Experience  
& Achievements**

1994 USA Today Baseball Player of the Year – Arkansas

1994 AA Arkansas H. S. Baseball All-Star game MVP

1993 Associated Press Arkansas H. S. Super Team Quarterback

1994 Elected to play in Arkansas H. S. Football All-Star game

1994 Drafted in 38<sup>th</sup> round by Toronto Bluejays

1994-1997 Played 4 seasons of professional baseball

1994 Gulf Coast Bluejays - Gulf Coast League (Rookie)

1995 Medicine Hat Bluejays - Pioneer League (Advanced Rookie)

1996 St. Catherine's Stompers - New York/Penn League (Short Season A)

1997 Hagerstown Suns - South Atlantic League (Long Season A)

1998 – 2000 Three-year letterman for Arkansas State University Football  
(Positions played – Quarterback, Holder, Punter, Wide Receiver)

2010 Gearhead Sprint Triathlon "Clydesdale" division Winner

2010 Mightymite Triathlon AR State Championship "Clydesdale" division  
Runner-up

2011 Gearhead Sprint Triathlon "Clydesdale" division Winner

2011 Branson Half Ironman 70.3 Finisher (6:17)

2012 Gearhead Sprint Triathlon Overall 5<sup>th</sup> place

2012 Mightymite Triathlon AR State Championship "Clydesdale" Winner



## Temporary Graduate Faculty Request Form (Requesting Approval to Teach for Graduate Credit)

[Print Form](#)

(You may print off form, collect manual signatures, then submit to Graduate School office or take advantage of the electronic signature option set up below)

Date: August 21, 2015

☒ On Campus

☐ Off Campus

Instructor Name: Daniel Usera, Ph.D.

Faculty Position: Instructor in Communication Studies

College: Media & Communication

Department: Communication

Course Prefix(es) SCOM 5243 Interpersonal Communication  
Number and Title: SCOM 6103 Communication Theory

Requested Duration: 1 Year

(A CURRENT VITA MUST ACCOMPANY THIS FORM...Please Remember to Attach CV to Email after Signing Below)

Note: This instructor may NOT be assigned to teach courses other than those approved.

Other Experience  
and Qualifications  
(Optional):

The Department and College have reviewed this instructor's credentials and approve him/her to teach the courses listed above.

Signature of  
Originator:

Gil Fowler, Ph.D.

Digitally signed by Gil Fowler, Ph.D.  
DN: cn=Gil Fowler, Ph.D., o=ASU College of Media & Communications,  
ou=Director of Graduate Studies, email=gfowler@astate.edu, c=US  
Date: 2015.08.21 16:09:09 -05'00'

Originator: Sign above & click here to forward Form to Dept. Chair for their signature (attach CV)

Signature of  
Dept. Chair:

Marceline Hayes

Digitally signed by Marceline Hayes  
DN: cn=Marceline Hayes, o=Arkansas State University, ou=ASU  
Department of Communication, email=mhayes@astate.edu, c=US  
Date: 2015.08.21 21:53:03 -05'00'

Dept. Chair: Sign above & click here to forward Form to College Dean for their signature (attach CV)

Signature of  
College Dean:

Gil Fowler, Ph.D.

Digitally signed by Gil Fowler, Ph.D.  
DN: cn=Gil Fowler, Ph.D., o=ASU College of Media & Communications,  
ou=Director of Graduate Studies, email=gfowler@astate.edu, c=US  
Date: 2015.08.23 16:07:45 -05'00'

College Dean: Sign above & click here to forward Form to Graduate School Dean for their signature (attach CV)

Signature of  
GS Dean:

Graduate School Dean: Sign above & click here to forward Form to GC Auditor for processing (attach CV)

# DANIEL USERA, PH.D., NCRW

Kansas City, MO • 816-461-9153 • danusera@outlook.com • www.danielusera.com

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## PROFESSIONAL IDENTITY

### Teaching Interests

- Interpersonal Communication, Business and Professional Communication, Computer-Mediated Communication, Public Speaking, Nonverbal Communication, Group Communication

### Research Interests

- Facework, Relationship Initiation, Social Media, Erving Goffman

## EDUCATION

### Ph.D. in Communication Studies • University of Iowa • May 2014

- Specialties: Interpersonal Communication Theory, Facework, Computer-Mediated Communication
- Dissertation: "Online dating interactions: A discursive look"
- Adviser: Steve Duck

### M.A. in Communication Studies • University of Iowa • May 2011

- Adviser: Steve Duck

### B.A. in Communication, Political Science • Washburn University • December 2008

- Honors Thesis: "'Affliction to our bonds:' A thematic analysis of a family of notoriety"
- Honors & Awards: Magna Cum Laude, University Honors, Communication Departmental Honors

## CERTIFICATIONS

**Nationally Certified Résumé Writer [NCRW]** • National Résumé Writer's Association • 2015-present  
**Certificate in College Teaching** • University of Iowa, Office of Graduate Teaching Excellence • 2013

## FELLOWSHIPS

**Dean's Graduate Fellowship** • University of Iowa, Office of Graduate Ethnic Inclusion • 2009-2014

## RELATED INDUSTRY EXPERIENCE

### Career Communications Consultant • Daniel Alexander Career Communications • March 2015-present

- Started own consulting business that provides résumé writing, interview coaching, and social media optimization for professionals in career transition.
- Responsible for all aspects of business development: website design, marketing, client acquisition, accounting, and consulting.

### Career Training Facilitator • Full Employment Council • April 2014-June 2015

- Designed and delivered workshops at major career center for job seekers from diverse industries on résumé writing, social media marketing, interviewing, networking, and career development.
- Coached clients individually throughout their job search from résumé design to salary negotiations.

**TEACHING APPOINTMENTS**

**Adjunct Faculty** • Avila University • Kansas City, MO

- Fundamentals of Communication; Fall 2015

**Adjunct Faculty** • Longview Community College • Kansas City, MO

- Fundamentals of Speech; Summer 2015, Fall 2015

**Adjunct Faculty** • Barton Community College • Fort Leavenworth, KS

- Public Speaking (Hybrid); Fall 2014

**Graduate Teaching Assistant** • University of Iowa • Iowa City, IA

- Communication Theory in Everyday Life; Spring 2013
- Nonverbal Communication; Fall 2012
- Theory and Practice of Argument; Spring 2012
- The Art of Persuading Others; Fall 2011
- Business and Professional Communication; Fall 2010, Spring 2011

**PUBLICATIONS**

Duck, S., & Usera, D. (In press). Interpersonal relationships. In R. Craig, *International Encyclopedia of Communication Theory and Philosophy*, Oxford University Press.

Duck, S. & Usera, D.A. (2014). Language and interpersonal communication. In T. Holtgraves, *The Oxford Handbook of Language and Social Psychology*. New York, NY: Oxford University Press.

**CONFERENCE PRESENTATIONS**

Usera, D.A. (2013). Relationship Initiation in online dating sites: A discursive approach. Paper presentation at the National Communication Association Convention, Washington, DC.

Usera, D.A. (2013). "Online dating...should I do it?" A look at stigma in an online discussion. Paper presentation at the National Communication Association Convention, Washington, DC.

Usera, D.A. (2013). Disaster dates: A narrative approach. Paper presentation at the National Communication Association Convention, Washington, DC.

Usera, D.A. (2013). Identity-work, instant messaging, and sexual solicitation of minors: The case of a 46 year old man and a "13 year old girl." Paper presentation at the Central States Communication Association, Kansas City, MO.

Usera, D.A. (2012). "Cooling the mark out" in relationship dissolution. Paper presentation at the International Association for Relationship Research, Chicago, IL.

Usera, D.A. (2010). "No you cannot have my number:" Politeness and/or deception in rejecting phone number requests. Paper presentation at the James F. Jacobsen Graduate Conference, Iowa City, IA.

Usera, D.A. (2009). "You live in a fishbowl:" A thematic analysis of the privacy management of a family of notoriety. Paper presentation at the National Communication Association Convention, Chicago, IL.

#### **CHAired CONFERENCE PANELS**

Usera, D.A. (2013). Online dating panel. Accepted by the Interpersonal Communication Division at the National Communication Association Convention, Washington, D.C.

#### **MEDIA CORRESPONDENCES**

Lloyd, C. (2015, May 30). 15 LinkedIn Tips & Tricks. *GottaBeMobile.com*. Retrieved from <http://www.gottabemobile.com/2015/05/30/linkedin-tips-tricks/>

#### **PROFESSIONAL AFFILIATIONS**

Southern States Communication Association, 2015-present  
Toastmasters International, 2015-present  
National Résumé Writer's Association, 2014-present  
National Communication Association, 2009-present  
International Association for Relationship Research, 2012-2014  
Central States Communication Association, 2011-2013

#### **COMMUNITY & CAMPUS INVOLVEMENT**

**Recruiter** • Make a Wish Foundation: Kansas City Young Professionals • 2014-present  
**Advertising Chairman** • Black Belt Leadership Committee, Chol Choe's Black Belt Academy • 2011-2013  
**Graduate Student Representative** • Undergraduate Affairs Committee, University of Iowa • 2011-2012

#### **SPEECH AND DEBATE EXPERIENCE**

**Parliamentary Debate** • Washburn University • 2004-2008  
▪ Placed within top 50 teams at NPDA tournament and in national rankings in 2007 and 2008.

**College Forensics** • Washburn University • 2004-2006  
▪ Multiple tournament medalist in Informative Speaking, Persuasive Speaking, ADS, POI, and LD Debate.

**Forensics** • Lansing High School • 2001-2004  
▪ National Forensics League Quad Ruby Recipient and three-time state finalist in Informative speaking.

**Policy Debate** • Lansing High School • 2000-2003  
▪ Senior Captain and multiple tournament medalist.

## DANIEL USERA, PH.D., NCRW

Kansas City, MO • 816-461-9153 • danusera@outlook.com • www.danielusera.com

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### TEACHING PHILOSOPHY

I decided to become a college professor at the beginning of my sophomore year of undergraduate studies. Immediately, I began to closely observe the pedagogical methods of my professors. Additionally, I took education courses and teaching practicums through the Office of Graduate Teaching Excellence at the University of Iowa which spawned many more ideas about effective teaching styles. Combining everything I have learned from personal experience, observation, education courses, and practicums, my philosophy of teaching is summarized into three E's: **educational**, **engaging**, and **entertaining**.

First and foremost, class should be **educational**. Each day there should be some kind of lesson generated from the course material that the students can take with them. This lesson should not be a factoid that students should merely remember for a test, but a maxim or framework that students can personally apply. Hence, I structure my lessons to include opportunities for them to apply course material to their daily social interactions. I use many real-life examples and encourage the students to think about the material on a more personal and relatable basis.

The second "E" of my teaching philosophy is **engaging**. One thing I have learned from my teaching mentor is that students do not learn as much when they are in a passive mode of taking notes and listening to the lecture. Students learn better through active learning, where they are encouraged to talk, interact, and play with the course concepts. To keep students in an active learning mode, I always have some kind of class activity or discussion in my lesson plans. Sometimes it involves pairing with a partner and thinking of an answer to a theoretical question. Other times it may be a group activity where students work collaboratively to solve a real-world problem or compete in a review game. I have enhanced discussions by having students bring personal marker boards, which makes class overall more enjoyable for them.

Speaking of enjoyable, the last "E" of my teaching philosophy is **entertaining**. I tell my students on the first day of class that class should be entertaining because learning in general is supposed to be fun. To make class entertaining, I sometimes incorporate videos or songs to demonstrate course concepts. Other times, I tell stories about my own experiences with the relevant course material and I encourage students to share theirs as well. While "entertaining" is often thought to mean "humorous," it can also mean presenting the material in a creative, interesting way; which is what I do in most situations.

In sum, I strive to create a classroom atmosphere that is **educational**, **engaging**, and **entertaining**. These three elements work together to create a memorable educational experience. I teach my students lessons that they can use in their daily lives through active learning methods which overall makes class entertaining.



07/13/15 At the request of Jesse, Registrar's Office, Course # EE 5393 has been amended to Course # EE 5743 since it is dual-listed with the Undergraduate Course # EE 4743, built earlier this year.

Code # ENG 008

## New/Special Course Proposal-Bulletin Change Transmittal Form

☐ **Undergraduate Curriculum Council** - Print 1 copy for signatures and save 1 electronic copy.

☒ **Graduate Council** - Print 1 copy for signatures and send 1 electronic copy to [pheath@astate.edu](mailto:pheath@astate.edu)

☒ **New Course** or ☐ **Special Course** (Check one box)

*Please complete the following and attach a copy of the catalogue page(s) showing what changes are necessary.*

ENTER DATE...

**Department Curriculum Committee Chair**

ENTER DATE...

**COPE Chair (if applicable)**

ENTER DATE...

**Department Chair:**

ENTER DATE...

**General Education Committee Chair (If applicable)**

ENTER DATE...

**College Curriculum Committee Chair**

ENTER DATE...

**Undergraduate Curriculum Council Chair**

ENTER DATE...

**College Dean**

ENTER DATE...

**Graduate Curriculum Committee Chair**

ENTER DATE...

**Vice Chancellor for Academic Affairs**

1. Proposed Course Prefix and Number (For variable credit courses, indicate variable range.)  
EE 5743 (Originally EE 5393, but amended to EE 5743 since it is dual-listed with the undergraduate course EE 4743)

2. Course Title – if title is more than 30 characters (including spaces), provide short title to be used on transcripts. Title cannot have any symbols (e.g. slash, colon, semi-colon, apostrophe, dash, and parenthesis). Please indicate if this course will have variable titles (e.g. independent study, thesis, special topics).  
Digital Communications

3. Will this course be lecture only, lab only, lecture and lab, activity, dissertation, experiential learning, independent study, internship, performance, practicum, recitation, seminar, special problems, special topics, studio problems, student exchange, occupational learning credit, or course for fee purpose only (e.g. an exam)? Please choose one.  
Lecture

4. What is the grade type (i.e. standard letter, credit/no credit, pass/fail, no grade, developmental)?

Standard only

5. Is this course dual listed (undergraduate/graduate)?

Yes

6. Is this course cross listed? (If it is, all course entries must be identical including course descriptions. It is important to check the course description of an existing course when adding a new cross listed course.)

No

7. Brief course description (40 words or fewer) as it should appear in the bulletin.

Continuation of communications theory with emphasis on modulation and demodulation techniques, signal space representation of digitally modulated signals, coherent/non-coherent detection methods (and receiver structures) in AWGN channel, error performance, communication over band-limited channels with ISI and AWGN.

8. Indicate all prerequisites and if this course is restricted to a specific major, which major. (If a student does not have the prerequisites or does not have the appropriate major, the student will not be allowed to register).

a. Are there any prerequisites?

Yes, EE 3373 Probability and Random Signals, EE 4333 Communications Theory.

b. Why?

This course involves the analog signal to be converted, coded/decoded, transmitted, and received over specific digital media. Students need basic understanding of communication theory, and also understand random and periodic signals. This understanding necessitates the prerequisites listed.

9. Course frequency (e.g. Fall, Spring, Summer). Not applicable to Graduate courses.

Enter text...

10. Contact Person (Name, Email Address, Phone Number)

Tanay Bhatt, [tbhatt@astate.edu](mailto:tbhatt@astate.edu), 870-680-8453

Brandon Kemp, [bkemp@astate.edu](mailto:bkemp@astate.edu), 870-972-2088

11. Proposed Starting Term/Year

Fall 2015

12. Is this course in support of a new program? No

If yes, what program?

Enter text...

13. Does this course replace a course being deleted? No

If yes, what course?

Enter text...

Has this course number been used in the past? No

*Submit Course Deletion Proposal-Bulletin Change Transmittal Form.*

14. Does this course affect another program? No

If yes, provide contact information from the Dean, Department Head, and/or Program Director whose area this affects.

Enter text...

15. Justification should include:

a. Academic rationale and goals for the course (skills or level of knowledge students can be expected to attain)

The students will be able to characterize, analyze, and design modulators and demodulators. They will also be able to evaluate error rate performance of a digital signal and design a digital communication system.

b. How does the course fit with the mission established by the department for the curriculum? If course is mandated by an accrediting or certifying agency, include the directive.

The EE faculty and advisory council agreed that a course covering digital communications would help meet the needs of students in the College of Engineering.

c. Student population served.

Master of Science in Engineering students

d. Rationale for the level of the course (lower, upper, or graduate).

This upper level undergraduate elective course builds upon various introductory concepts presented EE 3373 Probability and Random Signals and EE 4333 Communications Theory.

16. Outline (The course outline should be topical by weeks and should be sufficient in detail to allow for judgment of the content of the course.)

Weeks	Topic
1	Introduction, review of probability, signals and spectra
2	Binary and M-ary PCM
3	Differential PCM, Delta modulation, Adaptive Delta modulation, Line codes
4	Signal space concept
5	Baseband digital modulation
6	Baseband demodulation and detection
7	Error probability evaluation
8	Bandpass modulation (PAM, PSK, FSK, QAM, OQPSK, $\pi/4$ shifted QPSK)
9	Differential modulation/demodulation, Non-coherent detection, Error probability
10	Signal designs for bandlimited channels
11	Comparison of modulation types, Bandwidth efficiency, Channel capacity
12-13	Link budget
14	Channel coding and Source coding

17. Course requirements (e.g. research papers, projects, interviews, tests, etc.)

Papers and Projects

18. Special features (e.g. labs, exhibits, site visitations, etc.)

N/A

19. Department staffing and classroom/lab resources (Will this require additional faculty, supplies, etc.?)

No

20. What is the primary intended learning goal for students enrolled in this course?

Demonstrate understanding of the digital communication mechanisms and design and study the performance of Digital Communication Systems.

21. Reading and writing requirements:

a. Name of book, author, edition, company and year

a. Name of book, author, edition, company and year

John G. Proakis and Masoud Salehi, Digital Communications, McGraw- Hill, 2008. ISBN 978-0-07-295716-7

b. Number of pages of reading required per week: 10-12

c. Number of pages of writing required over the course of the semester: N/A

22. High-Impact Activities (Check all that apply)

- |                          |   |
|--------------------------|---|
| <input type="checkbox"/> | Collaborative assignments                                 |
| <input type="checkbox"/> | Research with a faculty member                            |
| <input type="checkbox"/> | Diversity/Global learning experience                      |
| <input type="checkbox"/> | Service learning or community learning                    |
| <input type="checkbox"/> | Study abroad  |
| <input type="checkbox"/> | Internship  |
| <input type="checkbox"/> | Capstone or senior culminating experience                 |
| <input type="checkbox"/> | Other Explain: <input type="text" value="Enter text..."/> |

23. Considering the indicated primary goal (in Box #20), provide up to three outcomes that you expect of students after completion of this course.

**Outcome #1:** (For example, what will students who meet this goal know or be able to do as a result of this course?)  
Student will develop good understanding of time domain and frequency domain transforms and apply this knowledge in engineering practice.

Learning Activity: (For example, what instructional processes do you plan to use to help students reach this outcome?)  
Students will demonstrate the relational aspects of discrete time systems based on their continuous time equivalents, proficiency of signal processing, and error performance evaluation using tools and computer languages like MATLAB.

Assessment Tool: (For example, what will students demonstrate, represent, or produce to provide evidence of their learning?)  
Student code performance will be evaluated with a rubric for compliance with the design specifications.

*(Repeat if needed for additional outcomes 2 and 3)*

**Outcome #2:**

Learning Activity:

Assessment Tool:

**Outcome #3:**

Learning Activity:

Assessment Tool:

24. Please indicate the extent to which this course addresses university-level student learning outcomes:

a. Global Awareness

- ☒ Minimally
- ☐ Indirectly
- ☐ Directly

b. Thinking Critically

- ☐ Minimally
- ☐ Indirectly
- ☒ Directly

c. Using Technology

- ☐ Minimally
- ☐ Indirectly
- ☒ Directly

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**From the most current electronic version of the bulletin, copy all bulletin pages that this proposal affects and paste it to the end of this proposal.**

**To copy from the bulletin:**

1. Minimize this form.
2. Go to <http://registrar.astate.edu/bulletin.htm> and choose either undergraduate or graduate.
3. This will take you to a list of the bulletins by year, please open the most current bulletin.
4. Find the page(s) you wish to copy, click on the "select" button and highlight the pages you want to copy.
5. Right-click on the highlighted area.
6. Click on "copy".
7. Minimize the bulletin and maximize this page.
8. Right-click immediately below this area and choose "paste".
9. For additions to the bulletin, please change font color and make the font size larger than the surrounding text. Make it noticeable.
10. For deletions, strike through the text, change the font color, and enlarge the font size. Make it noticeable.

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**EE 5383. Digital Electronics II** Continuation of the study of digital circuit design with emphasis on the design of larger systems and use of LSI components. Register transfer logic, computer interfacing and design, microcomputer based system design. Prerequisite, C or better in EE 3333. Dual listed as EE 4383.

**EE 5743 Digital Communications** Continuation of communications theory with emphasis on modulation and demodulation techniques, signal space representation of digitally modulated signals, coherent/non-coherent detection methods (and receiver structures) in AWGN channel, error performance, communication over band-limited channels with ISI and AWGN. Prerequisite, EE 3373 and EE 4333.

**EGRM 6003 Engineering Statistics** Basic concepts and methods of descriptive and inferential statistics including graphical techniques, measures of central tendency and dispersion, interval estimation, hypothesis and goodness of fit tests, comparisons of two populations, and analysis of variance. Prerequisite MATH 2204 calculus I.

**LETTER OF NOTIFICATION 13S**  
**Existing Certificate/Degree offered by Distance Technology**

*Institutions with at least one certificate or degree program approved for distance technology by the Arkansas Higher Education Coordinating Board must submit Letter of Notification-13S to request approval to offer existing certificates or degrees via distance technology.*

Definitions

*Distance technology (e-learning) – When technology is the primary mode of instruction for the course (50% of the course content is delivered electronically).*

*Distance instruction – When a course does not have any significant site attendance, but less than 50% of the course is delivered electronically, e.g., correspondence courses.*

*Distance program – When at least 50% of the major courses are delivered via distance technology.*

1. Institution submitting request: *Arkansas State University*
2. Contact person/title: *Donna Burcham*
3. Telephone number/e-mail address: *dburcham@astate.edu*
4. Name of Existing Certificate or Degree: *Master of Engineering Management*
5. CIP Code: *15.1501*
6. Degree Code: *7530*
7. Title of Certificate or Degree: *Master of Engineering Management*
8. Effective Date: *Fall 2015*
9. CIP Code: *15.1501*

**PROGRAM INFORMATION**

10. Program Summary/Justification for offering program by distance technology:  
*There is an increasing population of working adults who are looking to complete their degree. The majority of these potential students prefer the flexibility of an online degree. Where they are looking to change career or enhance their education, an online MS Engineering Management will provide the foundation necessary to move ahead.*
11. Provide the current certificate/degree plan. Mark\* courses that will be taught by adjunct faculty.  
*Courses will be taught by regular faculty members.*
12. Provide the list of courses (course number/title) in the certificate or degree currently offered by distance technology.

Course Number	Title	Credit Hours
MBA 500V	Survey of Accounting	3
MBA 501V	Survey of Finance	1.5
MBA 507V	Survey of Law	1.5
MKTG 6223	Strategic Marketing	3

MIS 6413	Management Information Systems	3
MIS 6543	Business Analytics	3

13. For existing courses that will be offered by distance technology (for the first time), provide the course syllabus for each of these courses for the certificate/degree program and indicate the maximum class size for each distance course.

*Syllabi provided in Appendix A for the following courses:*

*EGRM 6003 Engineering Statistics  
EGRM 6013 Quality Control and Improvement  
EGRM 6023 Engineering Management I  
EGRM 6033 Engineering Management II  
EGRM 6043 Operations Research*

*30 students per section will be enrolled*

14. If new courses will be added, provide the list of new courses (proposed course number/title) and the new course descriptions for the certificate/degree.

*No new courses will be added*

15. Course delivery mode (check all that apply):

Online ☐  
Compressed-video (CIV)  
Audio Conference  
Video Conference  
Web Conference  
Blended delivery (identify components)

16. Class interaction modes (check all that apply):

Electronic bulletin boards ☐  
E-mail ☐  
Telephone ☐  
Fax  
Chat ☐  
Blog ☐  
Other (specify)

17. Provide the percentage of the program that is offered via distance (50%, 75%, etc.).  
*100%*

18. Provide a semester-by-semester plan/schedule for student access to all courses necessary to complete the distance technology program.

*Appendix B*

19. Provide a list of services that will be supplied by consortia partners or outsourced to another organization (faculty/instructional support, course materials, course management and delivery, library-related services, bookstore services, services providing information to students, technical services, administrative services, online payment arrangements, student privacy consideration, services related to orientation, advising, counseling or tutoring, etc.) Include the draft contract/MOU for each partner/organization offering faculty/instructional support for the program.

*NA*

20. Provide institutional curriculum committee review/approval date for the program to be offered by distance technology, if required.  
NA

21. Provide documentation that the program has been approved for distance technology delivery by licensure/certification board/agency, if required.  
NA

22. Provide additional program information requested by ADHE staff.

#### **INSTITUTIONAL APPROVALS**

President/Chancellor Approval Date: April 28, 2015

Board of Trustees Notification Date: May 8, 2015

Chief Academic Officer: April 28, 2015

Date: April 28, 2015



## Appendix A

### Syllabus Engineering Statistics EGRM 6003

**Instructor:** Joan Burcham

**Office:** 130 B LSW (Lab Science West)

**Office Hours:** Monday and Wednesday 10:00 AM – 12:00 PM

Tuesday and Thursday 2:00 PM – 4:00 PM

Friday by appointment

**Telephone:** Office phone (870) 680-4838

Cell Phone (731) 571-8017

**Email Address:** [dburcham@astate.edu](mailto:dburcham@astate.edu)

**Course Text:** Douglas C. Montgomery and George C. Runger, *Applied Statistics and Probability For Engineers*, 6<sup>th</sup> Edition (Wiley 2014), ISBN 978-1-11-8539712

**Course Description:** EGRM 6003 Engineering Statistics – Basic concepts and methods of descriptive and inferential statistics including graphical techniques, measures of central tendency and dispersion, interval estimation, hypothesis and goodness of fit tests, comparisons of two populations and analysis of variance.

**Course Prerequisites:** Math 2204 Calculus I

#### Course Policies:

Students are expected to do all assignments and participate in the blackboard discussions. Written assignments will be turned in on time, for every day late the assignment drops one letter grade.

Cheating is not tolerated and if a student is caught cheating on any assignment or test they will be given an "F" in the class. Below is the university's policy on a student receiving a grade of "F".

#### SUSPENSION

Any graduate student who receives a grade of "F" in any graduate-level course will be ineligible to register for further graduate work. A grade of "I" will be converted to "F" if it is not removed before the last day to withdraw during the next semester in which the student is enrolled at the university or within one calendar year if the student does not enroll.

#### READMISSION OF SUSPENDED STUDENTS

After one regular semester or full summer in suspended status, students may be readmitted on probation, but only upon recommendation of their adviser and department chair and with the approval of the dean of the Graduate School. Readmission to Graduate School does not imply readmission to a particular degree program. The student must reapply to the program.

#### Grading Scale:

Exam 1

100

Exam 2	100
Final Exam	100
Homework Assignments & Quizzes	<u>100</u>
Total Points	400

A – 360-400 points

B – 320-359 points

C – 280-319 points

F – 0-279 points

### **Semester Topics and Assignment Schedule**

Module 1	Ch. 1	Statistic in Engineering
Module 2	Ch. 2	Probability
Module 3	Ch. 3	Discrete Random Variables
Module 4	Ch. 4	Continuous Random Variables
Module 5	Ch. 5	Test/Joint Probability Distributions
Module 6	Ch. 6	Descriptive Statistics
Module 7	Ch. 7	Point Est. Parameters and Sampling
Module 8	Ch. 8	Statistical Intervals for Samples
Module 9	Ch. 9	Test/Hypotheses for a Single Sample
Module 10	Ch. 10	Statistical Inference for Two Samples
Module 11	Ch. 11	Simple Linear Regression
Module 12	Ch. 12	Multiple Linear Regression
Module 13	Ch. 13	Test/Single-Factor Experiments
Module 14	Ch. 14	Design of Experiments with Factors
Module 15		Final Exam

# **Syllabus Quality Control EGRM 6013**

**Instructor:** Joan Burcham

**Office:** 130 B LSW (Lab Science West)

**Office Hours:** Monday and Wednesday 10:00 AM – 12:00 PM  
Tuesday and Thursday 2:00 PM – 4:00 PM  
Friday by appointment

**Telephone:** Office phone (870) 680-4838  
Cell Phone (731) 571-8017

**Email Address:** [dburcham@astate.edu](mailto:dburcham@astate.edu)

**Course Text:** Douglas C Montgomery, *Introduction to Statistical Quality Control*, 7<sup>th</sup> Edition (Wiley 2013), ISBN 978-1-118-14681-1

**Course Description:** EGRM 6013 Quality control and Improvement- A brief review of the evolution of quality control and improvement theory particularly as influenced by key pioneers such as Deming, Juran, and Taguchi. Extensive coverage of selected quality improvement techniques includes statistical process control, inspection sampling, and design of experiments. Prerequisites: EGRM 6003 Engineering Statistics.

**Course Prerequisites:** EGRM 6003 Engineering Statistics

## **Course Policies:**

Students are expected to do all assignments and participate in the blackboard discussions. Written assignments will be turned in on time, for every day late the assignment drops one letter grade.

Cheating is not tolerated and if a student is caught cheating on any assignment or test they will be given an "F" in the class. Below is the university's policy on a student receiving a grade of "F".

## **SUSPENSION**

Any graduate student who receives a grade of "F" in any graduate-level course will be ineligible to register for further graduate work. A grade of "I" will be converted to "F" if it is not removed before the last day to withdraw during the next semester in which the student is enrolled at the university or within one calendar year if the student does not enroll.

## **READMISSION OF SUSPENDED STUDENTS**

After one regular semester or full summer in suspended status, students may be readmitted on probation, but only upon recommendation of their adviser and department chair and with the approval of the dean of the Graduate School. Readmission to Graduate School does not imply readmission to a particular degree program. The student must reapply to the program.

## **Grading Scale:**

Exam 1	100
Exam 2	100

Final Exam	100
Homework Assignments & Quizzes	<u>100</u>
Total Points	400

A – 360-400 points  
 B – 320-359 points  
 C – 280-319 points  
 F – 0-279 points

### **Semester Topics and Assignment Schedule**

Module 1 Chapter 1: Quality Improvements in the Modern Business Environment

Module 2 Chapter 2: The DMAIC Process

Module 3 Chapter 3: Modeling Process Quality

Module 4 Chapter 4: Inferences about Process Quality

Module 5 Test

Module 6 Chapter 5: Methods and Philosophy of Statistical Process Control

Module 7 Chapter 6: Control Charts for Variables

Module 8 Chapter 7: Control Charts of Attributes

Module 9 Chapter 8: Process and Measurements System Capability Analysis

Module 10 Test

Module 11 Chapter 9: Cumulative Sum and Exponentially Weighted Moving Average

Control Charts

Module 12 Chapter 10: Other Univariate Statistical Process Monitoring and Control

Module 13 Chapter 11: Multivariate Process Monitoring and Control

Module 14 Chapter 12: Engineering Process Control and SPC

Module 15 Chapter 13: Factorial & Fractional Factorial Experiments for Process

Design

Module 16 Exam

## **EGRM 6023 ENGINEERING MANAGEMENT-I (Fall 2014)**

**Instructor:** Kenneth "Buddy" Caubble, PE  
Phone: 870-919-8800  
E-mail: bcaubble@astate.edu

**Office Hours:**  
By Appointment

### **Required Text Books:**

**Engineering Management**-Challenges in the New Millennium by C.M. Chang; ISBN 9780131446786; Publisher: Prentice Hall; Edition: 2005 or later.

**Class hours:** Every Tuesday from 6:00 PM to 8:45 PM  
Room # 249, College of Agriculture Building, ASU

### **Course Objectives and Description:**

Engineers need new knowledge and skills to manage any organization. This course teaches basic functions of engineering management such as planning, organization, leadership, controlling, motivating and decision making, etc. This provides engineers with foundation skills to manage themselves, staff, teams, and projects. They will learn basic people skills. This course will teach engineers how to manage people and also interface with a wide variety of different functions such as finance, manufacturing, marketing, etc.

This course will help in maximizing technical and business skills of the students in order to be successful in their respective profession. This course has been designed to give state of the art knowledge, tools and skills so that the students can lead and improve projects, organizations, operations and quality in their organization.

### **Prerequisite:**

BS degree in any branch of engineering or BS in Science or in other Technical area.

### **Module**

### **Topic**

1

Introduction, The history of management, Definition of management, Management styles and management responsibilities, Management tasks, etc.

- 2 Planning- Organizational goals, Planning phases, Types of planning, planning roles of engineering managers, Tools of planning, Planning activities, etc.
- 3 Organization-Introduction, Developing organizational structure, Changing organizations, The quality organization, Case study.
- 4 Leadership-Nature of leadership, Theories of leadership, Leadership personality, Leadership roles, Leadership in the matrix, Effective Leadership, etc.
- 5 Controlling-Criteria of good control, Overall control process, Means of control, Control of personnel, Control of projects, Control of quality, etc.
- 6 Communication-Communication process, Establishing communications, Presentations, Communications at meetings, etc.; *Special project updates by each student.*
- 7 **Mid-semester Exam**
- 8 *Special research topics and presentation, e.g.: Corporate Security; Equipment maintenance Practices; Warehouse/supply chain management; Document /drawing management practices, etc. (special topics will be given during early weeks in the class).*
- 9 Staffing and Training-Internal vs. external recruiting, Soliciting applications, the selection process, training and development, etc.
- 10 Decision making- The nature of management decision, the decision making process, Decision making techniques, etc.
- 11 Motivation-Motivation defined Behavioral science theory on motivation, Motivation in a stable organization, Money as a motivator, etc.
- 12 Unwritten Laws of Engineering- Relation to the boss, relation with associates and outsiders, Individual behavior and techniques, Laws of character and personality.
- 13 Class blackboard discussion on various engineering management topics (from all the topics taught).

14

*Invited topic/s blackboard discussion. Topic/s will be given later in the class.*

15

### **Final Exam**

Home assignment	20%
Mid-semester Exam	30%
Final Exam	30%
Special topic/s report/presentation	20%

### **Grades:**

I will use the following % distribution of your points to finalize your letter grade: A=90% and above; B= 80-89%.

In view of class performance, I reserve my rights to curve the overall grade further.

### **Home Assignments:**

All home assignments will include a due date and must be submitted on schedule, via Blackboard or ASU e-mail. All assignments must be typed. Write your name, ASU ID number, course number, chapter number, and Instructor's name on top of the cover page of your assignment. Please use 1.5 line spacing and Times New Roman with a Font size 12. No late home assignments will be accepted (except medical emergency with proper documentation).

### **Make-up Exam:**

No make-up examination will be allowed for not appearing for a scheduled exam and absence for an exam will be excused only in clear cases of emergency with sufficient documentations (e.g., personal medical emergency which will require submitting doctor's certificate).

### **Student Expectations:**

1. Reading assignments should be completed prior to each class.
2. Please let me know if you are experiencing any problem or have any concerns about this course. If needed, schedule an appointment, e-mail or phone me with your concerns. Only ASU student e-mail will be accepted.

### **Academic Misconducts:**

Please note that any form of cheating or plagiarism will result in a course grade of F and referral to the Vice President of Academic Affairs. Examples of academic misconduct are using information from another person's test on one's own test, allowing another person to copy information from your papers during testing, plagiarism, and copying essays, etc.

**Please note that, you should never submit your home assignment/work from any previously submitted home assignment/work from any student who has completed this course.**

### **Time Commitments:**

We have extensive demands on our time. For each discussion you should aim to put in at least another two to three hours of your own time.

**Blackboard:**

I will use ASU Blackboard. Please check Blackboard on a regular basis for any information, announcements, updates, notices and class lectures, etc.

**E-mail account and /or communication:**

I will not respond to any of your e-mails regarding this course material or any questions if you do not use your student ASU e-mail account. I am open to communicate with you via e-mail time to time, if needed. No other personal e-mail will be accepted.

Please make your advance appointment via ASU e-mail or telephone if you need to see me.

The course schedule and topic may change and it will be announced on blackboard if there is any change.

If you have any concern, bring it to your Instructor immediately. Do not hesitate to ask questions at any time.



## **EGRM 6033 ENGINEERING MANAGEMENT-II**

**Instructor:** Kenneth "Buddy" Caubble, P.E.

Phone: 870-919-8800

E-mail: [bcaubble@astate.edu](mailto:bcaubble@astate.edu)

**Office Hours:** By Appointment

### **Required Text Books:**

**Engineering Management-challenges in the new millennium**, ISBN: 0-13-144678-9, C. M. Chang, Latest Edition, Prentice Hall.

**Financial and Economic Analysis** for Engineering and Technology Management, 0-471-22717-X (cloth), Henry E. Riggs, Second Edition, John Wiley and Sons, Required.

Class hours: Online

### **Course Objectives and Description:**

Engineers need new knowledge and skills to manage any organization. This course teaches principles and practices of engineering management including marketing management, globalization, time management, forecasting, finance, cost accounting, managing technology, people skills, and engineering management. This course provides engineers and technologists with foundation skills to manage themselves, staff, teams, and projects. This course will teach engineers how to manage people and also interface with a wide variety of different functions such as finance, manufacturing, marketing, etc.

This course will help in maximizing technical and business skills of the students in order to be successful in their respective profession. This course will prepare students to manage and lead in today's increasingly complex high tech business environment. Students will learn forecasting, marketing and other highly desirable knowledge to be successful in industry and for managerial positions.

### **Learning Outcomes:**

- i). Students will be able to manage and use technical resources wisely in a technically oriented organization.
- ii). Students will receive unique set of technical and management skills that are needed to  
be successful in today's rapidly changing market place.
- iii). Students will learn how to maximize their effectiveness as a manager in a highly technically oriented global competitive market.

### **Prerequisite:**

BS degree in any branch of engineering or BS in Science or in other Technical area.  
Co-requisite: MBA 506V; Prerequisites: MBA 500V, MBA 501V, and EGRM 6023 Engineering Management I. This course is restricted to graduate students majoring in engineering management.

**Module**

**Topic**

- 1 Globalization: global trade and commerce, preparation for globalization, job migration induced by globalization, etc.
- 2 Marketing management for engineering managers: the function of marketing, market segments, marketing communication.
- 3 Forecasting: forecasting the future, qualitative methods, time series, casual models, etc.
- 4 Team building: defining an effective team, recruiting team members, building teams, managing for results.
- 5 Engineering management in the new millennium: future trends, old-economy and knowledge-economy companies, characteristics of progressive economy, contributions in the new millennium.
- 6 Web-based enablers for engineering and management: web-based enablers for enterprise management, web-based enablers for engineering functions, e-transportation.
- 7 **Mid-semester Exam. Project updates.**
- 8 Investment in Technology: Why? When? By Whom? and How Much?: Life cycle of Technology, Logistics Analysis of the Technology Cycle, etc.
- 9 Managing technology: influence of size and type of enterprise, organization of internal technology functions, focus on externally generated technology, personnel needs for R&D programs, budgets for R&D programs, measures of effectiveness of technology programs.
- 10 Cost accounting for engineering managers: basic terms of cost accounting, cost analysis, depreciation accounting, inventory accounting, risk analysis, etc.
- 11 Financial accounting and analysis for engineering managers: accounting principles, fundamentals of financial analysis, balanced scorecard, etc.

- 12 Managerial finance for engineering managers: elements of market economy, capital assets valuation, operations - assets in place, opportunities - real options, acquisitions and joint ventures, etc.
- 13 Case Study, Journal topics of interest.
- 14 *Discussions on special/construction projects such as transportation projects, power generation projects, housing complex projects, and manufacturing projects (special topics will be given during early weeks of the class).*
- 15 **Final Exam**

**Evaluation Procedures:**

Home assignments	20%
Mid-semester Exam	30%
Final Exam	30%
Special project/report/presentation	20%

**Grades:** I will use the following % distribution of your points to finalize your letter grade: A=90% and above; B= 80-89%; F=70-79% (fail). There is no C grade.

In view of class performance, I reserve my rights to curve the overall grade further.

**Home Assignments:**

All assignments (HA) must be submitted on schedule. You must submit your homework every week no later than the time specified when the assignment is given. Upload your assignment in Blackboard or by e-mail. All assignments must be typed. Write your name, ASU ID number, course number, chapter number, and date on top of the cover page of your assignment. No late home assignments will be accepted (except medical emergency with proper documentation).

**Make-up Exam:**

No make-up examination will be allowed for not taking any scheduled exam and absence for an exam will be excused only in clear cases of emergency with sufficient documentations (e.g., personal medical emergency which will require submitting doctor's certificate).

**Student Expectations:**

1. Reading assignments should be completed prior to each module
2. Please let me know if you are experiencing any problem or have any concerns about this course.

**Academic Misconducts:**

Please note that any form of cheating or plagiarism will result in a course grade of **F** and referral to the Vice President of Academic Affairs. Examples of academic misconduct are using information from another person's test on one's own test, allowing another person to copy information from your papers during testing, plagiarism, and copying essays.

**Time Commitments:**

We have extensive demands on our time. For each discussion you should aim to put in at least another two to three hours of your own time.

**Blackboard:** I will use ASU Blackboard. Please check Blackboard-8 on a regular basis for any information and updates and class lectures.

**E-mail account and /or communication:** I will not respond to any of your e-mails regarding this course material or any questions if you do not use your ASU e-mail account. I am open to communicate with you via e-mail time to time, if needed.

The course schedule and topic may change and it will be announced via Blackboard if there is any.

If you have any concern, bring it to your Instructor immediately. Do not hesitate to ask questions at any time.

# **Syllabus Operations Research EGRM 6043**

**Instructor:** Joan Burcham

**Office:** 130 B LSW (Lab Science West)

**Office Hours:** Monday and Wednesday 10:00 AM – 12:00 PM

Tuesday and Thursday 2:00 PM – 4:00 PM

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**Telephone:** Office phone (870) 680-4838

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**Course Text:** Frederick S. Hiller and Gerald J. Lieberman, *Introduction to Operations Research*, 9<sup>th</sup> Edition (McGraw-Hill 2010), ISBN 978-0-07-337629-5

**Course Description:** EGRM 6043 Operations Research – Quantitative techniques for decision making; break-even analysis, economic models, Gaussian distributions, inventory control, production models and mathematical programming.

**Course Prerequisites:** EGRM 6003, Engineering Statistics and EGRM 6013 Statistical Quality Control.

## **Course Policies:**

Students are expected to do all assignments, attend class and participate in the class discussions. Written assignments will be turned in on time, for every day late the assignment drops one letter grade.

Cheating is not tolerated and if a student is caught cheating on any assignment or test they will be given an "F" in the class. Below is the university's policy on a student receiving a grade of "F".

## **SUSPENSION**

Any graduate student who receives a grade of "F" in any graduate-level course will be ineligible to register for further graduate work. A grade of "I" will be converted to "F" if it is not removed before the last day to withdraw during the next semester in which the student is enrolled at the university or within one calendar year if the student does not enroll.

## **READMISSION OF SUSPENDED STUDENTS**

After one regular semester or full summer in suspended status, students may be readmitted on probation, but only upon recommendation of their adviser and department chair and with the approval of the dean of the Graduate School. Readmission to Graduate School does not imply readmission to a particular degree program. The student must reapply to the program.

## **Grading Scale:**

Exam 1	100
Exam 2	100

Final Exam	100
Homework Assignments & Quizzes	<u>100</u>
Total Points	400

A – 360-400 points  
 B – 320-359 points  
 C – 280-319 points  
 F – 0-279 points

## Semester Topics and Assignment Schedule

### Syllabus EGRM 6043 Operations Research

#### Module

1	Ch. 1	Origins of Operations Research
	Ch. 2	Overview of OR Modeling Approach
2	Ch. 3	Introduction to Linear Programming
		Linear Programming: The Simplex
	Ch. 4	Method
3		Test
4	Ch. 5	Theory of the Simplex Method
	Ch. 6	Duality Theory and Sensitivity Analysis
5	Ch. 7	Algorithms for Linear Programming
		Transportation and Assignment
	Ch. 8	Problems
6		Test
7	Ch. 9	Network Optimization Models
	Ch. 10	Dynamic Programming
8	Ch. 11	Integer Programming
	Ch. 12	Nonlinear Programming
9	Ch. 13	Metaheuristics
	Ch. 14	Game Theory
10		Exam

## Appendix B

College of Engineering							
Degree Plan: Master of Science							
Engineering Management							
Students must complete 24 hours of core courses							
Year One		Prerequisite	Credits	Year One		Prerequisite	Credits
SEM 1 POT 1				SEM 2 POT 1			
MBA 500V	Survey of Accounting		3	EGRM 6003	Engineering Statistics	Calculus	3
MBA 501V	Survey of Finance		1.5	EGRM 6023	Engineering Management I		3
SEM 1 POT 2				SEM 2 POT 2			
MBA 507V	Survey of Law		1.5	EGRM 6013	Quality Control and Improvement	Eng. Stats	3
MKTG 6223	Strategic Marketing		3	EGRM 6033	Engineering Management II	MBA/MKTG courses and Eng. Management I	3
			9				12
			9				21
Year Two		Prerequisite	Credits	Year Two		Prerequisite	Credits
SEM 1 POT 1				SEM 1 POT 2			
EGRM 6043	Operation Research	Eng. Stats and Quality Control	3	MIS 6543	Business Analytics		3
MIS 6413	Management Information Systems		3				
			6				3
			27				30
					Core Courses		24
					Total Credits		30