

## Curriculum Vitae

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### **Kari M. Harris**

Arkansas State University  
Department of Biological Sciences  
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### **Education**

#### **Arkansas State University, January 2012 to August 2014**

MA in Biology

Major Project: Digitizing Specimens in a Small Herbarium: A Viable Workflow for Collections Working with Limited Resources

Minor Project: STAR Herbarium Policy

#### **Arkansas State University, August 2007 to December 2011**

BSE Honors in General Science

Areas of Concentration: Biology

Minor: Botany

Honors Thesis: "Understanding Floristic Diversity Through a Database of Greene County Specimens"

### **Teaching Experience**

*Measure Up 7-8 Course, Forrest City, AR*

#### **Continuing Education Course in Physical Science and Measurement, Summer 2013**

Received \$200 for educational supplies and \$600 stipend for attending. Presented lesson plan "Dendrology in a Day" at Cross County High School, Fall 2013

*Nettleton High School, Jonesboro, AR*

#### **Substitute Teacher, Spring 2013**

*Arkansas State University, Jonesboro, AR*

#### **Teacher's Assistant Biological Sciences Lab, Summer 2012**

Worked in conjunction with Dr. Huss for the first summer term non-majors biology class. Prepared materials and instructed students on laboratory protocols.

*Nettleton High School, Jonesboro, AR*

#### **Student Teacher (Field III Experience), Fall 2011**

Took over classroom responsibilities such as instruction, assessment, classroom management, and grading.

*Trumann High School, Trumann, AR*

#### **Observer (Field Experience II), 2010**

*Arkansas State University, Jonesboro, AR*

#### **Assistant to Dr. Huss, 2010**

Helped to arrange microscope slides and other equipment for botany lab.

*Paragould High School, Paragould, AR*

#### **Observer (Field Experience I), 2009**

## **Related Experience**

*Lab of Dr. Marsico, LSE – Arkansas State University*

### **Assistant Curator STAR Herbarium, January 2012-August 2014**

Maintaining day to day operations of herbarium and digitizing herbarium specimens. Training students in herbarium management and specimen digitization.

*Lab of Dr. Marsico, LSE – Arkansas State University*

### **Researcher, 2010-2011**

“Understanding Floristic Diversity Through a Database of Greene County Specimens”

Seeking to compile a database of all Greene County specimens in the STAR Herbarium and analyze them based on native/documented status and habitat. Project funded by the McNair Program.

*Upward Bound Program, Arkansas State University*

### **Tutor, 2007-2011**

Tutor high school students from surrounding areas in biology and physical science. Assist in preparing them for the ACT and end of course exams.

*Lab of Dr. Huss, LSE – Arkansas State University*

### **Researcher, 2010**

Looked into the possibilities of virtual learning and creating resources for science teachers such as time-lapse videos and microscope slides.

*Lab of Dr. Medina-Bolivar, ABI – Arkansas State University*

### **Assistant to Maria Isabel Ferrand-Malatesta, 2008-2009**

Subcultivated hairy root cultures to maintain quantities of Bixa Orellana.

## **Publications**

### **Published Peer-Reviewed**

- **Harris, K.M.**, Foard, M.B., Marsico, T.D. 2012. Understand Floristic Diversity Through a Database of Greene County Specimens. Arkansas Academy of Science 66: 94-105.

### **Published Editorial**

- **Harris, K.M.** 2014. Funding: It's About Time. SPNHC Newsletter Spring 2014.

## **Awards/Honors**

### **Grants**

- The Fitzgerald Travel Grant (July 2013); Society for the Preservation of Natural History Collections (SPNHC); \$957
- The Women in Science Travel Grant (June 2011); Botanical Society of America (BSA); \$500

### **Fellowships**

- The Experiential Learning Fellowship (ELF) Program, NSF Scholarships in Science, Technology, Engineering, and Math (2012-2014)

### **Scholarships**

- Arkansas Native Plant Society Aileen McWilliam Scholarship (2012)
- Ronald E. McNair Scholar (2010-2011)
- Arkansas State University Chancellor's Scholarship (2007-2011)
- Arkansas Academic Challenge Scholarship (2007-2011)

## **Professional Activities**

### **Students Mentored**

#### **Undergraduate Students**

Arkansas State University

Elizabeth Etzkorn (April 2014-July 2014), Herbarium Digitization Project  
Ashley Hart (March 2014- May 2014), Herbarium Digitization Project  
Hunter Nunnally (December 2013- May 2014), ELF Program; Herbarium Digitization  
Eddie Hampton (August 2013- May 2014), Herbarium Digitization Project  
Crystal Davis (August 2013- May 2014), ELF Program; Herbarium Digitization  
Christopher Burkhart (January 2012-December 2013), ELF Program; Herbarium Digitization  
Rebecca Kennedy (January 2012-May 2013), ELF Program; Herbarium Digitization  
Starlene Loerch (January 2012-December 2013), ELF Program; Herbarium Digitization  
Alexander Worm (January 2012-December 2013), ELF Program; Herbarium Digitization

#### **High School Students**

Montel Moore (Spring 2013), EnvironMentor's Program  
Jacquelyn Young (Spring 2014), EnvironMentor's Program

## **Organizations**

### **Professional:**

North American Network of Small Herbaria (NANSH)  
Society for the Preservation of Natural History Collections  
Founder: Emerging Professionals Group (June 2013)  
Chair: Emerging Professionals Committee (June 2014-Present)

Botanical Society of America

### **Arkansas State University:**

Natural History Collections Curation Club (Founding member, President)  
Wildlife and Fisheries Society  
Marine Biology Club  
Art in Science Club (Founding Member, Treasurer)

## **Professional Meetings (presenters italicized)**

Presented

- *Harris, K.M.*, T. Klotz, J. Pratte. (Presentation) From ELF to Elves: Engaging Student Clubs in Civic Issues. SENCER Summer Institute, Asheville, NC (1-4 August 2014)
- *Harris, K.M.* (Presentation, Invited) Steps to Digitize an Herbarium. iDigBio North American Network of Small Herbaria Workshop, Boise, ID (31 July 2014)
- *Harris, K.M.*, and T.D. Marsico. (Presentation) Digitizing Specimens in the STAR Herbarium: A Viable Workflow for Collections Working with Limited Resources. Botanical Society of America annual BOTANY meeting, BOISE, ID (27-31 July 2014)
- *Harris, K.M.*, and T.D. Marsico. (Presentation) Digitizing Specimens in the STAR Herbarium: A Viable Workflow for Collections Working with Limited Resources. Society for the Preservation of Natural History Collections Meeting, Cardiff, Wales (23-27 June 2014)
- *Harris, K.M.* (Presentation, Invited) What do Students Learn from Collections? iDigBio Small Collections Digitization Workshop, Mt. Pleasant, MI (7-10 April 2014)
- *Harris, K.M.* (Presentation, Invited) Alternative Funding Discoveries: Experiences from Arkansas State University. iDigBio Small Collections Digitization Workshop, Mt. Pleasant, MI (7-10 April 2014)
- *Harris, K.M.* (Presentation, Invited) The Arkansas State University Experience. iDigBio Mobilizing Small Herbaria Workshop, Gainesville, FL (9-11 December 2013)
- *Harris, K.M.*, C.R. Burkhart, R.D. Kennedy, S.M. Loerch, A.J. Worm, T.D. Marsico. (Presentation, Invited) A Viable Digitization Workflow for Small Collections Utilizing Student Enthusiasm and

Involvement. Society for the Preservation of Natural History Collections Meeting, Rapid City, SD (17-22 June 2013)

- **Harris, K.M.**, C.R. Burkhart, R.D. Kennedy, S.M. Loerch, A.J. Worm, T.D. Marsico. (Presentation, Invited) Digitization Efforts in the STAR Herbarium. Delta Symposium, Arkansas State University, Jonesboro, AR (18 April 2013)
- **Harris, K.M.**, C.R. Burkhart, R.D. Kennedy, S.M. Loerch, A.J. Worm, T.D. Marsico. (Presentation) Digitizing Specimens in a Small Herbarium: A Template for Other Collections Working with Limited Resources. Association of Southeastern Biologists Meeting, Charleston, WV (10-13 April 2013)
- **Harris, K. M.**, M. B. Foard, and T. D. Marsico. (Presentation) "Understanding Floral Diversity Through a Database of Greene County Specimens." Arkansas Academy of Science Conference, Magnolia, AR (13-14 April 2012)
- **Harris, K. M.**, M. B. Foard, and T. D. Marsico. (Presentation) The Greene County Vascular Flora Project. Create @ ASTATE, Arkansas State University, Jonesboro, AR (12 April 2011)
- **Harris, K. M.**, M. B. Foard, and T. D. Marsico. (Presentation) The Greene County Vascular Flora Project. Fall McNair Research Symposium, Arkansas State University, Jonesboro, AR (6 December 2010)
- **Harris, K. M.**, M. B. Foard, and T. D. Marsico. (Poster) The Greene County vascular flora project. 2010 McNair Research Conference, University of Arkansas, Fayetteville, AR (4-5 November 2010)
- **Harris, K. M.**, M. B. Foard, and T. D. Marsico. (Presentation) The Greene County Vascular Flora Project. Summer McNair Research Symposium, Arkansas State University, Jonesboro, AR (30 July 2010)

#### Attended

- Schoolyard Habitats Workshop, Arkansas Game and Fish Commission, Brinkley, AR (8 July 2014)
- Southeastern Wildlife Conclave, Hosted by Clemson University, Clemson, SC (20-22 March 2014)
- iDigBio Train-the-Trainers 2 Georeferencing Workshop, Tallahassee, FL (11-17 August 2013)
- Southeastern Wildlife Conclave, Hosted by North Carolina State University, Southern Pines, NC (7-10 March 2013)
- Specify Training Workshop, Lawrence, KS (7-10 November 2012)
- Southeastern Wildlife Conclave, Hosted by the University of Tennessee, Fall Creek Falls State Park, Pikeville, TN (15-17 March 2012)
- Botany 2011, Botanical Society of America, St. Louis, MO (11-13 July 2011)
- McNair Summer Visitor's Day, Ohio State University (27-28 June 2010)

#### Public Service and Outreach

- Presenter/Coordinator, Fox Meadow Elementary Conservation Experience (April 2014)
- Volunteer, Arkansas State University Earth Day Event, Worked Art In Science Club booth (April 2014)
- Volunteer, Arkansas State University Earth Day Event, Worked EnvironMentor's booth (April 2014)
- Mentor, EnvironMentors Program, Mentored Jacquelyn Young (Spring 2014-Present)
- Science Fair Judge, Douglas McArthur Jr. High (February 2014)
- Volunteer Educator, St. Francis, Cross, Woodruff, and Crittenden Counties Master Gardeners Course; Botany lesson (January 2014)
- Visiting Speaker, Dr. Holloway's chemistry classes, Walnut Ridge High School (December 2013)
- Updated lobby display cases with new exhibits showcasing current research in Biology department (October 2013)
- Director, Upward Bound student tour, ASU natural history museum collections (October 2013)
- Volunteer with ASU Wildlife Club, Ducks Unlimited Rice & Wings Banquet (October 2013)
- Panelist, "Ask an Alumni" panel for Honors Reception Day (March 2013)
- Judge, Annie Camp Jr. High Science Fair, 8th grade section (February 2013)
- Judge, Douglas McArthur Jr. High Science Fair, Categories: Env. Sci., Botany, Math, Space Sci., Engineering (February 2013)
- Mentor, EnvironMentors Program, Mentored Montel Moore (Fall 2012 - Spring 2013)
- Plant Hike Leader, Arkansas Native Plant Society (Spring 2012)
- Trash Pickup, Wildlife Adopt-A-Highway (Spring 2012)
- Presenter, Boy Scouts Wildlife Education Seminar (September 2012)