

TARA K. BANKS

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(870) 273-6228

EDUCATION

Mathematics, Master of Science

Aug 2014

Arkansas State University, Jonesboro, Arkansas
Graduate Research Assistant

Computer Science, Bachelor of Science

May 2012

Arkansas State University, Jonesboro, Arkansas
McNair Research Scholar Graduate

Mathematics, Bachelor of Science

May 2012

Arkansas State University, Jonesboro, Arkansas
McNair Research Scholar Graduate

Associate of Science

June 2010

Arkansas State University, Jonesboro, Arkansas

EXPERIENCE

Mathematics Instructor August 2015 – Current

Arkansas State University, Jonesboro, Arkansas

- Developmental Mathematics, Co-Requisite College Algebra.
- Instruct students in on campus classroom environment.
- Attend meetings for continuing education.
- Grading student work and entering grades into university system.
- Advising students to keep them on track for degree plan.

Mathematics Instructor August 1028 – Current

Southern New Hampshire University

- Applied Statistics I and II.
- Instruct students in an online class environment.
- Facilitate and lead class discussions.
- Grade student work and enter grades into university system.
- Attend online classes for continuing education for an online learning environment.

Mathematics Instructor- Adjunct August 2018 – December 2018

Black River Technical Center – Paragould

- Quantitative Reasoning.
- Instruct students in on campus classroom environment.
- Grading student work and entering grades into university system.

Mathematics Graduate Research Assistant August 2012 – August 2014

Arkansas State University, Jonesboro, Arkansas

- Conduct research in the recruitment and retention of STEM majors.
- Attend meetings for continuing education.
- Writing code in order to develop a SMART Center, which will be used in order to keep track of students' majors in order to facilitate recruitment and retention.
- Assist professors in the classroom setting as well as with grading course work.

Learning Support Center- Math Lab Tutor

January 2011 – May 2012

Arkansas State University, Jonesboro, Arkansas

- Work with students to identify their educational goals and to find ways of attaining those goals.
- Assist students with homework and test preparation.
- Work with students to better prepare for higher education and facilitate beneficial study habits.

Computer Science Department- Assistant to Chair

August 2010 – 08/2012

Arkansas State University, Jonesboro, Arkansas

- Complete and update BEST Robotics inventory.
- Teach Structured Programming Lab.
- Assist students with programming assignments and grade in-lab and homework assignments.

Structured Learning Assistance- Facilitator

January 2011 – December 2011

Arkansas State University, Jonesboro, Arkansas

- Teach students beneficial study skills and test preparation.
- Reinforce concepts taught in Intermediate Algebra lecture.
- Assist students with assignments and grade SLA homework assignments.

Office Manager

August 2000 – May 2007

Instant Auto Credit Corporation, Jonesboro, Arkansas

- Review and update credit files.
- Supervise loan personnel.
- Negotiate payment arrangements with customers who have delinquent loans.
- Take care of Accounts payable and receivable.
- Petition courts to transfer titles to the corporation.
- Train new employees.
- Participate in staff meetings.
- Complete weekly payroll.
- Compute payment schedules.
- Handle customer complaints and take appropriate action to resolve them.

Publications and Presentations

Banks, T., & Lambertus A. (accepted 2012). Recruitment and retention of mathematics and computer science undergraduates. Poster submitted to *The thirty-fourth annual conference of the North American*

Chapter of the International Group for the Psychology of Mathematics Education, Kalamazoo, MI, November 1-4.

Banks, T. (2012). Recruitment of STEM majors . Presentation given to the MAA student chapter meeting at Arkansas State University, April 18.

Banks, T. (2012). Recruitment and retention of STEM majors. Poster presented at the Second Annual Create@state Research Symposium, April 5.

Memberships/Activities

Arkansas State University Student Conduct Board
Activities Director

Association for Computing Machinery (ACM), Arkansas State University Student Chapter
President (2010- 2012)

Mathematical Association of America, Arkansas State University Student Chapter
(MAA) (2009-2014)

BEST Robotics (2010-2012)

Girls of Promise (2010-2012)
Breakout Session Speaker

McNair Research Scholar (2010-2012)

Certifications

College Reading & Learning Association
-Level 3 Certified Tutor ~ Since 2010

Licensed Tax Preparer– since 2003

References

Dr. Edward Hammerand
Arkansas State University
Associated Professor of Computer Science
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State University, AR 72467
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870 972 3978

Dr. Amanda Lambertus (Department Chair)
Arkansas State University
Assistant Professor, Mathematics and Statistics
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