

# SHAN SHAN

## CURRICULUM VITAE

### CONTACT INFORMATION

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Duke University  
Department of Mathematics  
120 Science Drive, Durham, NC  
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### EDUCATION

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<b>Duke University</b>	August 2014 - present
Ph.D. in Mathematics	Durham, NC
<b>Agnes Scott College</b>	May 2014
B.A. with <i>summa cum laude</i> in Mathematics	Decatur, GA
<b>Budapest Semesters in Mathematics</b>	Spring 2013, Summer 2013
Study Abroad Program for Undergraduate Students of Mathematics	Budapest, Hungary

### HONORS AND AWARDS

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<b>Phi Beta Kappa</b>	Spring 2014
Agnes Scott College	Decatur, GA
<b>Outstanding Presentation Award</b>	Spring 2014
Joint Mathematics Meetings Undergraduate Poster Session	Baltimore, MD
<b>Wilson Asbury Higgs Mathematics Scholarship</b>	Fall 2013
Agnes Scott College	Decatur, GA
<b>Highest Honor</b>	Summer 2013
Budapest Semesters in Mathematics	Budapest, Hungary
<b>MAA Student Membership Award</b>	Spring 2013
Departmental award for excellence in study of mathematics.	Decatur, GA
<b>Dana Leadership Scholar</b>	Fall 2013
Awarded to students who exhibit exceptional leadership and academic achievement.	Decatur, GA

### TALKS

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<b>Title: <i>Periodicity of Third-Order Linear Recursive Sequences.</i></b>	
Joint Mathematics Meetings - Poster Session, Baltimore, MD	January 2014
Nebraska Conference for Undergraduate Women in Math, Lincoln, NE	January 2014
Southeastern Conference for Undergraduate Women in Math, Clemson, SC	October 2013
Spring Annual Research Conference, Agnes Scott College	April 2012
<b>Title: <i>Extremal Sets of the Vertices of the Hypercube over <math>GF(2)</math>.</i></b>	
Spring Annual Research Conference, Agnes Scott College	April 2014
BSM EUR Conference, Budapest Semesters in Mathematics, Budapest, Hungary	August 2013
<b>Expository Talk: <i>Complex Analysis in Calculus.</i></b>	
Southeastern Conference for Undergraduate Women in Math, Durham, NC	November 2015

### CONFERENCES AND WORKSHOPS ATTENDED

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Panelist of Southeastern Conference for Undergraduate Women in Math	November 2015
Duke Workshop on Sensing and Analysis of High-Dimensional Data	July 2015
Southeastern Probability Conference, Durham, NC	May 2015
NimBioS Undergraduate Research Conference, Knoxville, TN	August 2013

## TEACHING

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### **Duke University**

Instructor, Math 105L, Laboratory Calculus and Functions I, Fall 2015.

Lab Instructor, Math 111L, Laboratory Calculus and Functions I, Fall 2014.

### **Agnes Scott College**

Workshop Leader, Math 118, Calculus I, Fall 2013.

Workshop Leader, Math 119, Calculus II, Spring 2012.

Workshop Leader, Math 118, Calculus I, Fall 2012.

Learning Assistant, Math 118, Calculus I, Spring 2014

## SERVICE

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Organizer of Graduate/Faculty Seminar, Department of Mathematics, Duke University, 2015 - present.

Graduate student organizer of Southeastern Conference for Undergraduate Women in Math, 2015.

Graduate student organizer of 100 Years of General Relativity talk, Duke University, October, 2015.

## PROFESSIONAL MEMBERSHIP

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Association for Women in Mathematics

Mathematical Association of America