

Anisah N. NU'MAN

PERSONAL INFORMATION

PHONE: (610) 409-3209
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EDUCATION

AUGUST 2015 Doctorate of Philosophy in MATHEMATICS, **University of Nebraska-Lincoln**
Thesis: "Tame Filling Functions for Graph Products"
Advisors: Prof. Susan HERMILLER and Prof. Mark BRITTENHAM

MAY 2011 Master of Science in MATHEMATICS, **University of Nebraska-Lincoln**

MAY 2009 Bachelor of Science in MATHEMATICS, **Spelman College**

POSITIONS HELD

2016-PRESENT Assistant Professor of Mathematics
Ursinus College, Collegeville, PA
Department of Mathematics and Computer Science

2015-2016 Ann Plato Postdoctoral Fellow
Trinity College, Hartford, CT
Department of Mathematics

TEACHING EXPERIENCE- INSTRUCTOR OF RECORD

URSINUS COLLEGE	Graph Theory (Math 361, 5 students)	Fall 2018
	Independent Research Senior Thesis (Math 491B, 1 student)	Fall 2018
	Multivariate Calculus (Math 211, total 71 students)	Fall 2018, Spring 2018 Fall 2017
	Discrete Mathematics (Math 236W A&B, total 34 students)	Spring 2018
	Modern Geometry (Math 322, 9 students)	Spring 2017
	Introduction to Statistics (Math 140Q, total 32 students)	Spring 2017, Fall 2017
	Math Talks (Math/CS 350, total 22 students)	Fall 2017
	Linear Algebra (Math 235, total 46 students)	Fall 2016
TRINITY COLLEGE	Calculus I (Math 131)	Fall 2015, Spring 2016
UNIVERSITY OF NEBRASKA	Matrix Theory (Math 314)	Spring 2014
	Contemporary Math (Math 2013)	Spring 2012, Fall 2012
	College Algebra (Math 101)	Fall 2011

TEACHING EXPERIENCE- INSTRUCTOR OF RECORD CONTINUED

OUTREACH	All Girls All Math- Coding Theory	Summer 2016
	Nebraska MATH (Math 800P, 801P, 802P)	Summer 2011, Summer 2012
	W.E.B.DuBois Scholar Institute- Number Theory	Summer 2011
	W.E.B.DuBois Scholar Institute- Calculus	Summer 2012

RESEARCH

My research interest lie in the area of Geometric group theory, with special interest on asymptotic properties, combinatorial group theory, Diestel-Leader groups. I also have ongoing research projects in the graph theory, specifically rainbow Ramsey theory.

PAPERS

- K. Ansaldi, H. El Turkey, J. Hamm, A. Nu'Man, N. Warnberg, M. Young, Rainbow numbers for $a_1x + a_2y + a_3z = b$ over Z_p , (In preparation, 2019).
- A. Nu'Man, Intrinsic tame filling functions for graph products, (In preparation, 2019).

INVITED TALKS	University of North Alabama	October 2018
	<i>Bounds on the rainbow number for $x + ky = z$</i>	
	Haverford College	March 2018
	<i>Geodesic words for groups and formal language theory</i>	
	Joint Mathematics Meetings	January 2018
	<i>Tame Filling Functions for Diestel-Leader Groups</i>	
	Mathematical Field of Dreams Conference	November 2017
	<i>Fields of Success-Panelist</i>	
	Villanova University	November 2017
	<i>Intrinsic Tame Filling Functions for Graph Products</i>	
	AWM Research Symposium	April 2017
	<i>Normal Forms for Diestel-Leader Groups</i>	
	Villanova University	November 2016
	<i>One Mathematician's Journey to Abstraction and Pure Mathematics</i>	
	Bowdoin College	September 2016
	<i>A Visual Journey: How Abstraction Led Her to Pure Mathematics</i>	
	Rhode Island College	April 2016
	<i>Benford's Law and Fraud Detection</i>	
	Geometry-Topology Seminar Binghamton University	October 2015
	<i>Intrinsic Tame Filling Functions</i>	

RESEARCH CONTINUED

CONFERENCES	Network of Mathematicians of Color	December 2018
SHORT COURSES	MAA EPaDel Sectional	November 2018
	AIM-REUF	June 2018
	Joint Math Meetings	January 2014-2019
	Field of Dreams Conference	2017, 2013
	AMS NE Section Meeting	September 2016
	MAA-MathFest	August 2016, 2015
	MSRI Graduate School-Geometric Group Theory	June 2015
	GAGTA	July 2013, 2014
	Groups St. Andrews	August 2013
	LMS-EPSRC Mini Course	July 2013
	MSRI Spring Opportunities	February 2012
	AMS Central Section Meeting	October 2011

PROFESSIONAL DEVELOPMENT

TLI STUDENT CONSULTANT PARTNERSHIP	The goal of the Student Consultant Program is to support faculty as they reflect upon and develop their teaching. In this program, trained student observers with a passion for teaching are paired with faculty members throughout a semester. Student consultants observe their partner's course, meet with her or him regularly, and develop a dialogue in the interest of improving the course.	Spring 2017
PROJECT NEXT	A professional development program for new or recent Ph.D.s in the mathematical sciences. It addresses all aspects of an academic career: improving the teaching and learning of mathematics, engaging in research and scholarship, finding exciting and interesting service opportunities, and participating in professional activities. It also provides the participants with a network of peers and mentors as they assume these responsibilities. of improving the course.	2015-2016
PREPARING FUTURE FACULTY FELLOW	A national movement to transform the way aspiring faculty members are prepared for their careers. PFF programs provide doctoral students, as well as some master's and postdoctoral students, with opportunities to observe and experience faculty responsibilities at a variety of academic institutions with varying missions diverse student bodies, and different expectations for faculty.	Spring 2014

SERVICE

COLLEGE LEVEL	Crigler Advisory Committee Student Achievement in Research & Creativity Committee Summer Fellows Research Advisor Sr. Assistant Director of Admission Search Committee	Fall 2018-Present Fall 2017 Summer 2017 Spring 2017
DEPARTMENTAL LEVEL	Women in Technology and Science Faculty Advisor Math/CS 350 Talks Coordinator Math/CS 350 Talks Coordinator Statistic Tenure Track Search Committee Computer Science Tenure Track Search Committee	Fall 2018-present Fall 2017 Fall 2017 Fall 2018 Fall 2016, Fall 2018
ADVISING	8 major advisees 4 major advisees 0 major advisees	Fall 2018 Fall 2017 Fall 2016