

Naiomi T. Cameron

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Education

Ph.D., Howard University, Washington, DC, May 2002

Graduate Study, University of Maryland, College Park, MD, 1995-1997

B.S., Mathematics, Howard University, Washington, DC, 1995

Employment

Visiting Assistant Professor, Department of Mathematics, Harvey Mudd College, Claremont, CA

Teaching Assistant, Department of Mathematics, Howard University, Washington, DC, 1998-2002

Instructor, Department of Mathematics, Montgomery College, Rockville, MD, 2000

Graduate Intern, Applied Mathematics Group, Sandia National Laboratories, Albuquerque, NM, 1999

Mathematics Teacher, Thomas J. Pullen Arts Magnet, Landover, MD, 1997-1998

Teaching Assistant, Department of Mathematics, University of Maryland, College Park, MD, 1996-1997

Actuarial Assistant, Office of Actuaries, U.S. Office of Personnel Management, Washington, DC, 1996

Research & Publications

Dissertation: "Random Walks, Trees and Extensions of Riordan Group Techniques" (Advisor: Louis Shapiro)

The combinatorics of even trees, *Congressus Numerantium*, Vol. 147 (2000), 129-143

Some results on generalized Dyck paths, preprint.

Presentations

"The Combinatorics of Even Trees," (Invited) Mathematics Department Colloquium, Hope College, MI, November 2000

Sixth Conference for African-American Researchers in the Mathematical Sciences (CAARMS), Morgan State University, Baltimore, MD, June 2000 (Poster Session).

Howard University Graduate Symposium, Washington, DC, April 2000.

31st Annual Southeastern International Conference on Combinatorics, Graph Theory and Computing, Boca Raton, FL, March 2000.

Preparing Future Faculty Program Site Visit, Department of Mathematics, Catholic University of America, Washington, DC, March 2000.

"Solving a Simple Protein Structure Prediction Problem Using Exact Methods," Graduate Student Symposium, Applied Mathematics, Sandia National Laboratories, Albuquerque, NM, July 1999.

"Random Walks, Trees and Extension of Riordan Group Techniques," Horizons in Combinatorics: 16th Annual Shanks Lecture Series, Vanderbilt University, Nashville, TN, May 2001

Professional Development

Summer Graduate Program in Combinatorial Game Theory, Mathematical Sciences Research Institute, Berkeley, CA, 2000

Mini-course: "Generating Function Techniques," Annual Joint Mathematics Meetings, Washington, DC, 2000

Awards

Office of Naval Research HBCU Graduate Fellowship, 1999-2002

Preparing Future Faculty Program, Howard University, 1998-2000

Graduate Assistants in Areas of National Need (GAANN) Fellowship, Howard University, 1998-1999

Professional Memberships

Mathematical Association of America

National Society of Black Engineers