

## David Nacin

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Department of Mathematics  
Rutgers University  
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### Education

Ph.D. Mathematics, Rutgers University, expected May 2005

Advisor: Robert Wilson

BA in Mathematics, Rutgers University, May 1997

Summa Cum Laude

### Teaching

Lecturer, Rutgers University

Math 151: Calculus I for Math/Science/Engineering, Summer 1998

Math 250: Introduction to Linear Algebra, Summer 1999

Math 356\*: Theory of Numbers, Summer 2000

Math 454\*: Combinatorial Theory, Summer 2001

Math 477: Theory of Probability, Summer 2002

Math 151: Calculus I for Math/Science/Engineering, Summer 2003

Math 151: Calculus I for Math/Science/Engineering, Summer 2004

Math 103H\*: Introduction to Cryptology, Fall 2004

(\*: For these classes I had complete control in choosing a textbook, deciding which sections to cover, and writing the syllabus from scratch.)

Teaching Assistant, Rutgers University, 1999-2004

Calculus I-II, Calculus I-II for Math/Science/Engineering, Precalculus

### Awards

DIMACS Graduate Support Award, Rutgers University, Summer 2003 and 2004

Minority Advancement Program Fellowship, Rutgers University, 1997 – 1999

Minorities in Computer Science Excellence Award, Rutgers University, 1996

Class of 1942 Scholarship, Rutgers University, 1995

### Activities

Member, Graduate Student/Faculty Liaison Committee, 1997 – 2000

Organizer, Graduate Student Algebra Seminar, 1999 – 2001

## Conferences

Von Neumann Conference on Arithmetic Fundamental Groups and Noncommutative Algebra, MSRI, August 1999

Association for Symbolic Logic Annual Meeting, University of California at San Diego, March 1999

## Organizations

Member, American Mathematical Society 1997 – present

Member, Mathematical Association of America 1998 – present

## Presentations

"Properties of Graph Associated Algebras", to be given at the contributed papers sessions at the Joint Mathematics Meetings, Atlanta, January 2005

"Graph Algebras", IMR mini-conference, Rutgers University, August 2004

"The Algebra  $S_n$ ", Noncommutative Algebra Seminar, Rutgers University, March 2004

"Some Examples of Koszul Algebras", Noncommutative Algebra Seminar, Rutgers University, March 2004

"The Virasoro Algebra", Graduate Student Algebra Seminar, Rutgers University, Spring 2000

"The Derivation Tower Problem", "Everything We Know About Algebras When We Assume Nothing", "The Automorphism Tower Problem", "The Algebra  $\text{End}(V)$ ", Graduate Student Pizza Seminar, Rutgers University

## Publications

D. Nacin, *The Algebra  $P_n$* , in preparation; available at [www.math.rutgers.edu/~nacin](http://www.math.rutgers.edu/~nacin)

## References

Robert Wilson (advisor), Rutgers University, [rwilson@math.rutgers.edu](mailto:rwilson@math.rutgers.edu)

Jean Taylor, Courant Institute of Mathematical Sciences; [jtaylor@CIMS.nyu.edu](mailto:jtaylor@CIMS.nyu.edu)

Terence Butler, Rutgers University; [tbutler@math.rutgers.edu](mailto:tbutler@math.rutgers.edu)

Vladimir Retakh, Rutgers University; [vretakh@math.rutgers.edu](mailto:vretakh@math.rutgers.edu)

Jerrold Tunnell, Rutgers University; [tunnell@math.rutgers.edu](mailto:tunnell@math.rutgers.edu)

## Citizenship

United States of America