

Paul Levande

Address: 2101 Chestnut Street, Apartment 1402, Philadelphia, PA 19103

Email: plevande@math.upenn.edu

EDUCATION

University of Pennsylvania

Philadelphia, Pennsylvania

Candidate for Ph.D. in Mathematics, May 2012

- Passed Oral Examinations in April of 2009
- Major Subject: Algebraic Combinatorics, Minor Subject: Lie Groups

Brown University

Providence, Rhode Island

Bachelor of Science, Concentration in Mathematics, May 2007

PRESENTATIONS AND PUBLICATIONS

“The Growth Diagram of the RSK algorithm, or, Why Standard Young Tableaux and Schur Functions Make Sense” February 9 2009

Expository talk, University of Pennsylvania Graduate Student Combinatorics Seminar

“The Combinatorial Interpretation of an Identity of Stanley’s”

October 29 2008

Presentation of original research, University of Pennsylvania Graduate Student Combinatorics Seminar

“Solution to a Problem in q -Rook Theory”

January 29 2008

Presentation of original research, University of Pennsylvania Graduate Student Combinatorics Seminar

“A Colorful Proof of the Generating Formulas for Signed and Unsigned Stirling Numbers Of The First Kind” In Preparation

Original research paper, single-author

“Bijective Proofs of Several q -Rook Identities”

In Preparation

Original research paper, single-author

AWARDS AND TEST SCORES

- 180, 99.9+ percentile, Law School Admissions Test, June 2009
- 910, 99+ percentile, Graduate Record Exam, Subject Test in Mathematics, November 2008
- Top 100 Score/Team Honorable Mention (Brown University Team), William Lowell Putnam Mathematics Competition, March 2007
- 830, 93 percentile, Graduate Record Exam, Subject Test in Mathematics, November 2006
- 800 math/750 verbal, 99 percentile, Graduate Record Exam, General Test, November 2006
- 1600, 99.9+ percentile, Scholastic Aptitude Test, June 2002

TEACHING EXPERIENCE AND EMPLOYMENT HISTORY

University of Pennsylvania

Philadelphia, Pennsylvania

Course Instructor, MA-103

Summer 2009

- Instructed six-week summer course in introductory calculus; responsible for course policies, writing exam, delivering daily lectures

Teaching Assistant, MA-114

Spring 2009

- Held biweekly sections and office hours, as well as assisting in grading for course in intermediate calculus

Sunday Review Tutor, MA-240

Fall 2008-Spring 2009

- Tutored students for course in advanced calculus, responsible for holding weekly group/individual review sessions

Teaching Assistant, MA-103

Fall 2008

- Conducted biweekly sections and office hours for a course in introductory calculus with a total of over 100 students, as well as assisting in grading

Brown University

Providence, Rhode Island

Tutor, Math Resource Center

2005-2007

- Helped undergraduates who came in needing help with any level of mathematics though weekly hours in the Undergraduate Math Resource Center
- One of a handful of undergraduate tutors, among mostly graduate students

Tutor, Academic Support Center

2005-2007

- Worked individually with specific students over the course of a semester, mostly with introductory calculus

Calculus Session Leader

2005-2007

- Co-led biweekly calculus review sessions for small groups of undergraduates over the course of a semester in then-new, popular tutoring program

Princeton Review

Fairfield, Connecticut

Course Instructor, SAT I Math Section

Summer 2004

- Received extensive training in SAT I Math Section and general pedagogical technique
- Instructed single-handedly for several weeks-long courses in SAT I Math Section

Other

Various Locations

Freelance Mathematics and Testprep Tutor

Summer 2007-Present

- Tutored the following subjects:
 - Differential Calculus
 - Integral Calculus
 - Pre-calculus
- Tutored the following standardized tests:
 - SAT I Math Section
 - GRE
 - GMAT

REFERENCES

Available upon request