

Frank Romascavage, III

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Bryn Mawr, Pennsylvania

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Education

- **Bryn Mawr College** Bryn Mawr, PA
Ph.D Mathematics (in progress) *2010 - Present*
 - Advisor: Djordje Milićević
 - Area of Research: Analytic Number Theory
- **Lehigh University** Bethlehem, PA
M.S. Mathematics *2004-2007*
- **Ursinus College** Collegeville, PA
B.S. Mathematics, Minor: Spanish *2000 - 2004*
 - Graduated Cum Laude with honors, with a 3.65 GPA (4.0 scale) overall

Awards & Honors

Research Fellowship, Bryn Mawr College	2013-2014
Teaching Assistantship, Bryn Mawr College	2010-2013, 2014 - present
Teaching Assistantship, Lehigh University	2004-2007
Honorable Mention in the MAA Annual Student Paper Competition	2004
Faculty Prize in Mathematics, Ursinus College	2004
Cub and Key Honor Society, Ursinus College	2004
Phi Sigma Iota, Ursinus College	2004
Kappa Mu Epsilon, Ursinus College	2002
Dean's List, Ursinus College	2001-2004
Ursinus College Academic Scholarship	2000

Research Experience

- **Undergraduate Research** Ursinus College
Twin Primes *Sep. 2003 - May 2004*
 - Advisor: Mohammed Yahdi
 - Honors thesis at Ursinus College under the direction of Professor Mohammed Yahdi: *Twin Prime Numbers and Their Extensions: Toward Proving the Twin Prime Conjecture*

Publications

- – Yahdi, M., Romascavage, F., Simplification of the Twin Primes Conjecture, Proceedings of the Atlantic Consortium for Research in Mathematical Sciences: Research, Innovation and Networking. 2005, Vol. 2, pp 22–27.

Presentations

- *Twin Prime Numbers: Toward Proving the Twin Prime Conjecture*
 - 15th Annual St. Joseph's University Sigma Xi Research Symposium (April 2004).
- *Dirichlet Characters Can Be Used To Show That There Are Infinitely Many Primes Congruent To $1 \pmod{4}$ or Characters can be infinitely important!*
 - Distressing Math Collective, Bryn Mawr College (December 2014).

Teaching Experience

- **Bryn Mawr College**

Teaching Assistant for: Financial Calculus I (Fall 2015), Financial Calculus II (Spring 2015), Abstract Algebra I (Fall 2014), Number Theory (Spring 2013), Point Set Topology (Fall 2012), Real Analysis II (Spring 2012), Real Analysis I (Fall 2011), Linear Algebra (Spring 2011) and Calculus III (Fall 2010)

- Responsibilities: Grading weekly homework assignments, leading problem sessions twice a week

- **Lehigh University**

Teaching Assistant for Calculus II (Spring 2007, Fall 2005), Calculus III (Fall 2006, Spring 2006) and Calculus I (Fall 2004)

- Responsibilities: Graded homework assignments, lead recitations, prepared practice exams, graded midterm and final exams

Math Department Tutor for Pre-Calculus, Calculus I, Calculus II, Calculus III, Linear Methods (Spring 2005)

- Responsibilities: Review concepts from class, exam preparation, help with homework

• **Private Tutor for:**

Pre-Algebra, Algebra I, Algebra II, Geometry, Trigonometry, Pre-Calculus, Calculus I, II and III, Linear Algebra, Differential Equations, Introduction to Real Analysis, Discrete Mathematics, Abstract Algebra, Probability, Numerical Analysis, Statistics, Complex Variables and General Topology (Sep. 2003-Present)

– Responsibilities: Review concepts, exam preparation, help with homework

Conference & Seminar Participation

- Philadelphia Area Number Theory Seminar (2013 - present)
- AMS Joint Mathematics Meetings (January 2014)
- Princeton University / IAS Number Theory Seminar (2013 - present)

Service

- President of AMS student chapter at Bryn Mawr College (2013 - present)
- President of Chess Club at Ursinus College (2000-2004)

Professional Memberships

Mathematics Association of America (MAA) 2003-2005, 2011-present
American Mathematical Society (AMS) 2004-present