
CURRICULUM VITAE

ALICIA MARINO

Department of Mathematics & Computer Science
265 Church Street
Wesleyan University
Middletown, CT 06459

cell: (631) 455-3107
e-mail : amarino@wesleyan.edu
e-mail : aliciarmarino@gmail.com
website : <http://amarino.web.wesleyan.edu>

EDUCATION

- Ph.D Candidate, Mathematics, Wesleyan University (expected completion 2017).
 - Advisor: Wai Kiu Chan.
- B.A. Mathematics, B.S. Computer Science, Quinnipiac University, 2011.

RESEARCH INTERESTS

- Number Theory, Quadratic Forms

PUBLICATIONS

- (With J. Liu) Strictly regular ternary Hermitian forms, *J. Number Theory* **168** (2016) 374-385.
- (With W. K. Chan) A finiteness theorem for positive definite strictly n -regular quadratic forms, *in preparation*.

TEACHING EXPERIENCE

- Lecturer, Wesleyan University:
As the sole instructor I wrote lesson plans, created worksheets, and developed quizzes and exams.
 - Fall 2016, *Calculus I, Part I*.
 - Fall 2016, *Graduate Pedagogy*.
 - Fall 2015, *Introductory Calculus*.
 - Fall 2014, *Introductory Calculus*.
 - Spring 2014, *Introductory Calculus II*.
- Graduate Teaching Assistant, Wesleyan University:
I held office hours, taught recitation classes, and graded homework.
 - Spring 2016, *Number Theory and Cryptography*
This was an inquiry-based learning course in which I additionally attended classes and helped the students one-on-one work through the material.
 - Spring 2015, *Discrete Mathematics*
 - Fall 2013, *Multivariable Calculus*.
 - Spring 2013, *Introductory Calculus II*.
 - Fall 2012, *Calculus I*.
 - Spring 2012, *Multivariable Calculus*.
 - Fall 2011, *Computer Science I*.

TALKS

- Invited talks
 - *Strictly k -regular quadratic forms*, AMS Special Session on Discrete Structures in Number Theory, JMM Atlanta, January 2017.
 - *Regularity conditions for quadratic forms and Hermitian forms*, AWM Poster Session, JMM Atlanta, January 2017.
 - *Regularity conditions for quadratic forms*, Undergraduate Math Club, Wheaton College, October 2016.
 - *Finiteness of strictly k -regular quadratic forms*, Langenhop Lecture & SIU Mathematics Conference, Southern Illinois University, May 2016.
- Contributed talks
 - *The representation problem for quadratic forms*, Women in Mathematics in New England, Smith College, September 2016.
 - *On strictly k -regular quadratic forms*, Southern New England Conference on Quadratic Forms and Modular Forms, Wesleyan University, June 2016.
 - *Strictly k -regular integral quadratic forms*, Automorphic Forms Workshop, Wake Forest University, March 2016.
 - *Strictly k -regular integral quadratic forms*, Midwest Number Theory Conference, University of Illinois at Chicago, October 2015.
 - *Positive definite strictly k -regular integral quadratic forms*, Graduate Student Seminar, Wesleyan University, October 2014.
 - *Local classification of quadratic lattices*, Graduate Student Seminar, Wesleyan University, March 2014.
 - *Results for quadratic forms over local fields*, Graduate Student Seminar, Wesleyan University, November 2013.
 - *A generalized probabilistic model for learned string matching*, Oak Ridge National Laboratory Science Undergraduate Laboratory Internship (SULI) Poster Session, April 2011.
- Workshops/Conferences Attended:
 - *Women in Mathematics in New England*, Smith College, September 2016.
 - *Career Mentoring Workshop*, Wheaton College, June 2016.
 - *Southern New England Conference on Quadratic Forms and Modular Forms*, Wesleyan University, June 2016.
 - *Langenhop Lecture & SIU Mathematics Conference*, Southern Illinois University, May 2016.
 - *Automorphic Forms Workshop*, Wake Forest University, March 2016.
 - *Midwest Number Theory Conference*, University of Illinois at Chicago, October 2015.
 - *Illinois Number Theory Conference*, University of Illinois Urbana-Champaign, August 2015.
 - *Upstate New York Number Theory Conference*, Cornell University, April 2015.
 - *2015 Joint Mathematics Meetings*, San Antonio, TX, January 2015.
 - *Sage Days 62: Women in Sage 5*, Portland, OR, August 2014.
 - *Upstate New York Number Theory Conference*, University of Buffalo, April 2014.

SERVICES

- Panelist, *What's it like to be a graduate student?* by McNair Program, Wesleyan University, November 2015, November 2016.
- Panelist, *Before Teaching Calculus* by AMS Graduate Student Chapter, Wesleyan University, December 2015, November 2016.
- Panelist, *Graduate School Panel* by AMS Graduate Student Chapter, Wesleyan University, October 2016.
- Panelist, *Graduate School Panel* at Women in Mathematics in New England, Smith College, September 2016.
- President, AMS Student Chapter, Wesleyan University, May 2015 - April 2016.
- Student Representative, Graduate Council, Wesleyan University, August 2014 - May 2016.
- Panelist, *After Graduation Panel* by Wesleyan Women in Science, Wesleyan University, April 2016.
- President, Graduate Student Association, Wesleyan University, August 2014 - May 2015.
- Treasurer, AMS Student Chapter, Wesleyan University, May 2014 - April 2015.
- Organizer, *Graduate Student Speaker Series*, Wesleyan University, October 2014 - April 2015.
- Treasurer, Graduate Student Association, Wesleyan University, August 2013 - August 2014.
- Secretary, AMS Student Chapter, Wesleyan University, May 2013 - May 2014.
- Organizer, *Graduate Career Symposium*, Wesleyan University, October 2013.

COMPUTING SKILLS

- Sage, Python, Java

HONORS/AWARDS

- AMS Travel Grant for JMM 2017, January 2017.
- AWM Workshop at JMM 2017 travel funding, January 2017.
- Graduate Student of the Year, Wesleyan University, May 2015.
- James Fickes Award for Excellence in Mathematics, Quinnipiac University, May 2011.
- Quinnipiac University Honors Program, Quinnipiac University, August 2007 - May 2011.

MEMBERSHIPS

- The Association for Women in Mathematics
- The American Mathematical Society.
- The Mathematical Association of America.

REFERENCES

Chris Rasmussen (teaching)
Department of Mathematics
& Computer Science
Wesleyan University
Middletown, CT
crasmussen@wesleyan.edu

David Pollack (teaching)
Department of Mathematics
& Computer Science
Wesleyan University
Middletown, CT
dpollack@wesleyan.edu

Lenny Fukshansky (research)
Department of Mathematics
Claremont McKenna College
Claremont, CA
lenny@cmc.edu

Andrew Earnest (research)
Department of Mathematics
Southern Illinois University
Carbondale, IL
aearnest@math.siu.edu

Wai Kiu Chan (advisor)
Department of Mathematics
& Computer Science
Wesleyan University
Middletown, CT
wkchan@wesleyan.edu