

# Sarah Cordell

## Curriculum Vitae

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### Education

- May 2010 **Doctor of Arts in Mathematics**, *University of Illinois, Department of Mathematics, Statistics, and Computer Science, Chicago, IL, 3.92/4.00.*
- May 2005 **Master of Arts in Mathematics**, *Saint Louis University, St. Louis, MO, 3.82/4.00.*  
Graduated with Distinction.
- May 2003 **Bachelor of Science in Systems Science and Engineering**, *Washington University, St. Louis, MO, 3.57/4.00.*  
Graduated Magna Cum Laude.

### Doctoral Thesis

- title *The Inextricability of Identity, Participation, and Math Learning among Latino/a Undergraduate Students*
- advisors Dr. Alison Castro Superfine and Dr. Danny Martin
- description My dissertation research used an identity lens to explore how and why Latina/o undergraduate students experienced mathematical success in a culturally diverse Emerging Scholars Program (ESP) Calculus I workshop at a predominately White urban university. Cross-case analysis centered on understanding participants' mathematics and racial identity co-constructions, workshop participatory trajectories, and how their mathematics and racial identities as Latina/o students influenced shifts in their workshop participation over time.

### Employment

- Associate Professor, Mathematics**, *Northeastern Illinois University, Chicago, IL.*  
Fall 2016-present
- Assistant Professor, Mathematics**, *Northeastern Illinois University, Chicago, IL.*  
Fall 2010-Summer 2016

### Experience

#### Teaching

- Assistant/Associate Professor**, *Northeastern Illinois University, Chicago, IL.*
- Calculus I, Spring 2011, Summer 2016
  - Calculus III, Summer 2012
  - College Algebra, Summer 2015, Spring 2017, Fall 2017
  - Concepts in Calculus for Middle School Teachers, Fall 2011, Fall 2015, Fall 2016
  - Concepts in Discrete Mathematics for Middle School Teachers, Spring 2011, Spring 2012, Spring 2016

- Data Analysis, Probability, and Statistics for Elementary and Middle School Teachers, Fall 2016
- Discrete Mathematics, Fall 2010, Spring 2011, Summer 2011, Fall 2011, Spring 2012, Summer 2012, Fall 2012
- Elementary Functions in the Sciences/Math, Summer 2010
- Elementary Probability and Statistics for Teachers, Fall 2010
- Equitable Mathematics Teaching for Elementary and Middle School Teachers, Summer 2013, Summer 2014, Summer 2015, Spring 2017
- Foundations of Algebra I, Fall 2012
- Geometry and Measurement for K-8 Teachers, Spring 2015
- Graduate Seminar For Elementary and Middle School Mathematics Teachers, Fall 2017
- Grown Your Own TAP Math Preparation Course, Summer 2013, Summer 2014
- History of Mathematics for Elementary and Middle School Teachers, Spring 2013, Spring 2014, Spring 2015
- Introduction to Advanced Mathematics, Spring 2013, Spring 2014, Spring 2015, Spring 2016
- Linear Algebra I, Fall 2010
- Math for Elementary Teachers II, Fall 2013, Fall 2014, Fall 2015
- Mathematical Modeling with Elementary Functions for Business, Summer 2014
- Mathematics Structures for Elementary School Teachers I, Summer 2011
- McNair GRE Math Preparation Workshop, Summer 2014
- Modern Algebra for the Elementary School Teacher, Summer 2010
- Modern Geometry for the Elementary School Teacher, Fall 2010
- Number Theory for the Elementary School Teacher, Summer 2011
- Patterns, Functions, and Algebra for Elementary and Middle School Teachers, Fall 2015
- PreCalculus, Summer 2011
- Research Trends in Elementary and Middle School Mathematics Education, Summer 2015, Spring 2017
- Technology for K-8 Math Teachers, Fall 2013, Fall 2014

**Teaching Assistant**, *University of Illinois, Chicago, IL.*

Incorporated collaborative learning techniques, assisted students with using online mathematics courses and software, reviewed homework problems, designed and administered quizzes, graded assignments, held review sessions, and held office hours in the Mathematics Learning Center

- Intermediate Algebra, Fall 2009
- Calculus III, Fall 2008
- Calculus I, Spring 2008
- Calculus for Business, Summer 2007
- Precalculus Mathematics, Spring 2006, Fall 2007
- Mathematical Reasoning, Fall 2005

**Lecturer**, *University of Illinois, Chicago, IL.*

Prepared and presented lectures, designed handouts, group projects, and quizzes, incorporated mathematics websites, software, and student presentations into lectures, worked collaboratively with professors to design exams, graded assignments, and held review sessions and office hours

- Calculus III, Spring 2009

**Research and Teaching Assistant**, *University of Illinois*, Chicago, IL.

Assisted Dr. Alison Castro Superfine with designing lesson plans, analyzing students' mathematical strategies, and teaching a mathematics content course for elementary pre-service teachers

- Arithmetic and Algebraic Structures, Fall 2007 and Fall 2008

**Summer Enrichment Workshop Instructor**, *University of Illinois*, Chicago, IL.

Incorporated collaborative learning techniques to improve incoming freshmen's conceptual understanding and skills during a five-week summer session

- Beginning Algebra, Summer 2008

**Emerging Scholars Workshop Instructor**, *University of Illinois*, Chicago, IL.

Encouraged culturally diverse student groups to collaboratively solve challenging worksheet problems and to engage in mathematical discourses, crafted challenging worksheet problems, guided students towards understanding complex solution processes, and supported students in attaining mathematical excellence

- Calculus I, Spring 2008
- Precalculus, Fall 2007

**Scientists, Kids, and Teachers (SKIT) Fellow**, *University of Illinois*, Chicago, IL,  
<http://education.uic.edu/skitgk12/snapshots.htm>.

Worked collaboratively with a sixth grade teacher to teach mathematics to an African American student population in a Chicago Public School classroom in 2006-2007, participated in designing, planning, and implementing the mathematics curriculum, creative projects, and innovative teaching strategies, and guided students in engaging in cooperative learning methods to strengthen their mathematical appropriation

**Lecturer**, *Fontbonne University*, St. Louis, MO.

Prepared and presented lectures, graded assignments, and held office hours

- Introduction to Statistics, Summer 2005

**Lecturer**, *Saint Louis University*, St. Louis, MO.

Prepared and presented lectures, designed handouts, graded assignments, and held office hours

- Survey of Calculus Instructor, Spring 2005
- Advanced College Algebra Instructor, Spring 2004 and Fall 2004

**Summer Enrichment Workshop Teaching Assistant**, *Saint Louis University*, St. Louis, MO.

Tutored incoming freshmen to improve their conceptual understanding during a six-week intensive program, participated in weekly meetings with program faculty and staff to monitor students' progress, and developed teaching strategies for improving students' mathematical appropriation

- Intermediate and Advanced Algebra, Summer 2002, Summer 2003, and Summer 2004

**Teaching Assistant**, *Washington University*, St. Louis, MO.

Reviewed homework problems, graded assignments, and held office hours

- Engineering Mathematics, Fall 2002 and Spring 2003

## Curriculum Development

**Assistant/Associate Professor**, *Northeastern Illinois University*, Chicago, IL.

- Assisted with developing the EMERGE Summer Program math development curriculum
- Assisted with developing a new Test of Academic Proficiency mathematics preparation workshop
- Assisted with developing the Math 150: Math for Elementary Teachers II hybrid course
- Developed new courses for the MA in Pedagogical Content Knowledge for Teaching Elementary and Middle School Mathematics Program, including MTHE 450: Equitable Mathematics Teaching for Elementary and Middle School Teachers
- Developed new courses and modified existing courses for the Mathematics Enrichment Workshop Program
- Assisted with developing the new Math 251: Introduction to Advanced Mathematics hybrid course

### Miscellaneous

2007–2008 **Mathematics Tutor**, *Nurturing Wisdom Tutoring Services*, Chicago, IL.

- Increased the ACT math scores of all clients
- Selected as a featured tutor for displaying great rapport and communication with students and company staff, extraordinary knowledge of the subject matter, ability to customize lessons to students' unique needs, and passion for working with students

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### Publications

- Bird, K., Hibdon, J., & **Oppland-Cordell, S.** (2016). The EMERGE Summer Program: Supporting Incoming Freshmen's Success in Mathematics Development Coursework. *The Learning Assistance Review*, 21, 2, 67-82.
- **Oppland-Cordell, S.**, Roskamm, D., Bilyk, R., Echevarria, R., & Allen, N. (2014). Peer leaders' perspectives of their involvement in a mathematics enrichment workshop program: A comparison of motivations and outcomes. *Conference Proceedings of the Peer-Led Team Learning International Society*, May 29-31, 2014, California State University at Dominguez Hills, www.pltlis.org; ISSN 2329-2113.
- **Oppland-Cordell, S.**, & Martin, D. B. (2014). Identity, power, and shifting participation in a mathematics workshop: Latin@ students' negotiation of self and success. *Mathematics Education Research Journal*, 27, 1, 21-49.
- **Oppland-Cordell, S.** (2014). Urban Latina/o undergraduate students' negotiations of identities and participation in an Emerging Scholars Calculus I workshop. *Journal of Urban Mathematics Education.*, 7, 1, 19-54.
- **Oppland-Cordell, S.** (2013). Mathematical and racial identity co-construction in multiple sociopolitical contexts: A case study of a Latina undergraduate student from an urban community. *Journal of Urban Learning, Teaching, and Research*, 9, 89-99
- **Oppland-Cordell, S.** (2013). Race-place in mathematics participation: Latina/o undergraduate students' negotiations of racialized spaces and identities. In A. Castro Superfine & M. V. Martinez (Eds.) *Proceedings of the 35th Conference of the International Group for the Psychology of Mathematics Education (PME)*, Chicago, IL: PME.
- **Oppland-Cordell, S.** (2012). Identity and equity among Latina/o undergraduates in an Emerging Scholars math workshop. In L. R. Van Zoest, J. Lo, & J. L. Kratky (Eds.), *Proceedings of the 34th Conference of the International Group for the Psychology of Mathematics Education (PME)*, Vol. 4, (p. 355-358). Kalamazoo, MI: PME.

- **Oppland, S. B.** (2010). The Inextricability of Identity, Participation, and Math Learning among Latino/a Undergraduate Students. ProQuest LLC. 789 East Eisenhower Parkway, PO Box 1346, Ann Arbor, MI 48106.

## Technical Reports

- Oppland-Cordell, S., Mathematics Enrichment Workshop Program (MEWP) Report.
- Contributed information from the Mathematics Enrichment Workshop Program (MEWP) Report to the Annual Performance Report for Enhancing Career Opportunities in Biomedical and Environmental Health Sciences at an Urban Hispanic Serving Institution: An HSI and Articulation Initiative, US Department of Education, \$4,345,618, 2011-2017.

## Invited Talks

- Cofer, T., Parsetich, C., Bird, K., & **Oppland-Cordell, S.** (November, 2015). *The Common Core State Standards: An Overview for Families*, Decatur Classical School, Chicago, IL.
- **Oppland-Cordell, S.** (March, 2015). *Identity, Social Justice, and Mathematics*, New Student Recruitment Event, Northeastern Illinois University, Chicago, IL.
- Brake, A. & **Oppland-Cordell, S.** (March, 2015). *Attuned teaching across transitions: Creating high school and college teaching and learning environments that strengthen freshman relationships, identities and abilities*, to be presented at the College of Arts and Science's First Tuesdays Brown Bag Series, Northeastern Illinois University, Chicago, IL.
- Keelen, F., Armour, J. & **Oppland-Cordell, S.** (October, 2014). *Summer Enrichment Programs*, Open House, Northeastern Illinois University, Chicago, IL.
- Bird, K. & **Oppland-Cordell, S.** (March, 2014). *The craftier side of math*, Pedrosa Center, Northeastern Illinois University, Chicago, IL.
- **Oppland-Cordell, S.** (April, 2012). *Latino/a undergraduates resist racialized, gendered, and classed spaces through an Emerging Scholars workshop*, Psychology Department, Northeastern Illinois University, Chicago, IL.
- **Oppland-Cordell, S.** (May, 2009). *African American and Latino undergraduate students' mathematical advancement in an Emerging Scholars calculus I workshop: An analysis of the role mathematics identity co-construction and participation serves in learning mathematics*, Learning and Teaching Mathematics Graduate Course in Curriculum and Instruction Department, University of Illinois, Chicago, IL.
- **Oppland-Cordell, S.** (December, 2008). *Identity co-construction, participation, and learning: African American and Latino undergraduate students' success in an Emerging Scholars mathematics workshop context*, The Latin American Recruitment and Educational Services Program (LARES), University of Illinois, Chicago, IL.
- **Oppland-Cordell, S.** (May, 2007). *SKIT leaving a legacy project*, SKIT Faculty Seminar, University of Illinois, Chicago, IL.
- **Oppland-Cordell, S.** (April, 2007). *Mathematics group work in a sixth grade classroom: An addition and subtraction lesson and the pumpkin project*, National Teacher's Academy, Chicago, IL.

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## Conference Presentations

- **Oppland-Cordell, S.** (February, 2017). *Mathematics community center*. TRIO Leading and Learning Week, Northeastern Illinois University, Chicago, IL.
- Bird, K., **Oppland-Cordell, S.**, & Hibdon, J. E., Jr. (January, 2016). *The EMERGE Summer Program at Northeastern Illinois University: Supporting incoming freshmen in strengthening their mathematical identities and succeeding in mathematics development coursework.*, MAA General Contributed Paper Session on Teaching and Learning Developmental Mathematics, Joint Mathematics Meetings, Seattle, WA.
- **Oppland-Cordell, S.**, Hibdon, J. E., Jr. & Bird, K. (January, 2015). *The math component of the EMERGE summer program : Supporting incoming freshmen in math development coursework.* 9th Annual iMATHination Conference, St. Charles, IL.
- **Oppland-Cordell, S.**, Hibdon, J. E., Jr., Bird, K., & Ranney, S. (November, 2014). *The math component of the EMERGE summer program: Supporting incoming freshmen in math development coursework.* 5th Annual Faculty Research and Creative Activities Symposium, Northeastern Illinois University, Chicago, IL.
- Muntz, E., Sanchez, A., Stilling, P., Echevarria, R., Hughes, A., **Oppland-Cordell, S.**, Hibdon, J. & Bird, K. (October, 2014). *Underrepresented STEM Majors' Perspectives of Experiences Supporting their Mathematical Success.* 2014 SACNAS National Conference, Los Angeles, CA.
- Muntz, E., Sanchez, A., Stilling, P., Echevarria, R., Hughes, A., **Oppland-Cordell, S.**, Hibdon, J. & Bird, K. (September, 2014). *Underrepresented Science and Mathematics Majors' Perspectives of Experiences Supporting their Mathematical Success.* SCSE 6th Annual Research Symposium, Northeastern Illinois University, Chicago, IL.
- (poster presentation) **Oppland-Cordell, S.**, Allen, N., & Echevarria, R. (May, 2014). *Peer leaders' and peer leader volunteers' perspectives of their involvement in a mathematics workshop program: An exploration of motivations and outcomes.* Paper presented at the Third Annual Peer-Led Team Learning International Society Conference, Carson, CA.
- (oral presentation) **Oppland-Cordell, S.**, Allen, N., & Echevarria, R. (May, 2014). *Peer leaders' and peer leader volunteers' perspectives of their involvement in a mathematics workshop program.* Third Annual Peer-Led Team Learning International Society Conference, Carson, CA.
- **Oppland-Cordell, S.** (April, 2014). *Latina/o students' trajectories of participation in an Emerging Scholars workshop.* Paper presented at the TODOS strand of the Annual Meeting of the National Council of Teachers of Mathematics, New Orleans, LA.
- **Oppland-Cordell, S.** (November, 2013). *Race-place in mathematics participation: Latina/o undergraduate students' negotiations of racialized spaces and identities.* Paper presented at the 35th Conference of the International Group for the Psychology of Mathematics Education, Chicago, IL.
- Anderson, C., **Oppland-Cordell, S.**, & Sanborn, K. (April, 2014). *Students' perceptions of the use of technology in their developmental mathematics coursework.* 22nd Annual Student Research and Creative Activities Symposium, Northeastern Illinois University, Chicago, IL.

- Sanchez, A. & **Oppland-Cordell, S.** (April, 2014). *Underrepresented STEM majors' perspectives of experiences supporting their mathematical success.* 22nd Annual Student Research and Creative Activities Symposium, Northeastern Illinois University, Chicago, IL.
- Sanchez, A., Stilling, P., Pranjic, D., & **Oppland-Cordell, S.** (September, 2013). *Underrepresented mathematics majors' perspectives of motivations for their mathematical success.* SCSE 5th Annual Research Symposium, Northeastern Illinois University, Chicago, IL.
- **Oppland-Cordell, S.** (April, 2013). *Participating through identities: Latina/o undergraduate students' mathematical success in an Emerging Scholars calculus workshop.* Paper presented at the annual meeting of the American Educational Research Association, San Francisco, CA.
- **Oppland-Cordell, S.**, Kachaochana, S., Khan, M., Echevarria, R., Allen, N., Roman, E., & Aman, L. (April, 2013). *An evaluation of the effectiveness of the mathematics enrichment workshop program: An analysis of participants' performance outcomes and perceptions of the program.* 21st Annual Student Research and Creative Activities Symposium, Northeastern Illinois University, Chicago, IL.
- **Oppland-Cordell, S.**, Rosskamm, D. & Bilyk, R. (April, 2013). *An evaluation of the effectiveness of the Mathematics Enrichment Workshop Program: An analysis of peer leaders' experiences and perceptions of the program.* 21st Annual Student Research and Creative Activities Symposium, Northeastern Illinois University, Chicago, IL.
- **Oppland-Cordell, S.** (November, 2012). *Identity and equity among Latina/o undergraduates in an Emerging Scholars math workshop.* Paper presented at the 34th Conference of the International Group for the Psychology of Mathematics Education, Kalamazoo, MI.
- **Oppland-Cordell, S.**, Leavitt, D., & McGee, E. (April, 2012). *Learning from underrepresented students' perspectives: Investigations by female mathematics education scholars from STEM backgrounds.* (Working Group Roundtable Session). Jacqueline Leonard and Rochelle Gutierrez (Co-Chairs). Paper presented at the annual meeting of the American Educational Research Association, Vancouver, British Columbia, Canada.
- **Oppland-Cordell, S.** (November, 2011). *'I don't know how far I would be right now if it wasn't for the workshop': Latino/a undergraduates resist racialized, gendered, and classed spaces through an Emerging Scholars Workshop,* Faculty Research Symposium, Northeastern Illinois University, Chicago, IL.
- **Oppland-Cordell, S.** (May, 2011). *The inextricability of identity, participation, and access to math learning opportunities among Latino/a undergraduate students,* Chicago Symposium Series, University of Illinois, Chicago, IL.
- **Oppland-Cordell, S.** (November, 2010). *The inextricability of identity, participation, and access to math learning opportunities among Latino/a undergraduate students,* Faculty Research Symposium, Northeastern Illinois University, Chicago, IL.

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## Conferences and Workshops Attended

- Social Justice Ally Initiative Training Sessions, Northeastern Illinois University, Chicago, IL, 2017
- SCSE 6th Annual Research Symposium, Northeastern Illinois University, Chicago, IL, 2014

- Third Annual Peer-Led Team Learning International Society Conference, California State University, Dominguez Hills, Carson, CA, 2014
- Annual Meeting of the National Council of Teachers of Mathematics, New Orleans, LA, 2014.
- Northwestern University Introduction to Graduate Education, Northwestern University, Evanston, IL, 2014.
- The Craftier Side of Math, Northeastern Illinois University, Chicago, IL, 2014
- SCSE 5th Annual Research Symposium, Northeastern Illinois University, Chicago, IL, 2013
- Reviewing and Writing for TEEM (Teaching for Excellence and Equity in Mathematics), 2013
- Transforming Remediation: Understanding the Research, Policy, and Practice, AYPF and CCRS, 2013
- American Educational Research Association Annual Meeting, San Francisco, CA, 2013
- 21st Annual Student Research and Creative Activities Symposium, Northeastern Illinois University, Chicago, IL, 2013
- 34th Conference of the International Group for the Psychology of Mathematics Education, Kalamazoo, MI, 2012
- Writing Intensive Program (WIP) Course Design Workshop, Northeastern Illinois University, Chicago, IL, 2012
- Peer-Led Team Learning International Society First Annual Conference, New York City College of Technology CUNY, Brooklyn, NY, 2012
- Chicago Symposium Series on: Excellence in Teaching Mathematics and Science: Research and Practice, Chicago, IL, 2012
- American Educational Research Association Annual Meeting, Vancouver, British Columbia, Canada, 2012
- Creating Inclusive, Accessible Programs for College Students with Disabilities in Math, Science, Technology, and Engineering, Northeastern Illinois University, 2011
- Faculty Research Symposium, Northeastern Illinois University, Chicago, IL, 2011
- 41st Annual Meeting of the Jean Piaget Society: Cultural Supports for Developing Mathematical and Scientific Reasoning, Berkeley, CA, 2011
- Chicago Symposium Series on: Excellence in Teaching Mathematics and Science: Research and Practice, Chicago, IL, 2011
- Summit V – Facing Tough Decisions: The Practice of Disposition Assessment, Chicago, IL, 2011
- SACNAS Midwest Regional Meeting, Chicago, IL, 2011
- Faculty Research Symposium, Northeastern Illinois University, Chicago, IL, 2010
- Diversity in Mathematics Education (DiME) Center for Learning and Teaching Conference, Chicago, IL, 2009
- American Educational Research Association Annual Meeting, San Diego, CA, 2009
- American Educational Research Association Annual Meeting, New York, NY, 2008



- Second Annual Critical Race Studies in Education Conference, Chicago, IL, 2008
- How to Build and Run a Successful Emerging Scholars Workshop, Washington, DC, 2008
- Chicago Symposium Series on: Excellence in Teaching Mathematics and Science: Research and Practice, Chicago, IL, 2008

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## Grants

- Mathematics Community Center, Academic Enhancement Fund at Northeastern Illinois University, \$20,000, 2016.
- Mathematics Component Coordinator, EMERGE Summer Program at Northeastern Illinois University, \$150,000, 2014-2016.
- Lidia Filus, Co-Leader of the Math Team; Math Workgroup Members: Katy Bird, Tanya Cofer, Sarah Cordell and Waleed Rehani, NGEMS-Next Generation Educator for Middle School: Refining STEM with Pedagogical Content and Literacy, Chicago Community Trust Strengthening Teacher and School Leader Preparation Planning Grant, \$100,000, 2015.
- Advisory, Mentor and Skill Enhancement Workshop Coordinator, NU-STARs for Northeastern Illinois Student Training in Academic Research in the Sciences, \$1,500,000, 2014-2018.
- Principle Investigator, Underrepresented STEM majors' perspectives of experiences supporting their mathematical success, \$5,000, Research Community Award, 2014.
- Principle Investigator, Underrepresented STEM undergraduate and graduate students' perspectives of experiences supporting their mathematical success, \$4,900, Student Center for Science Engagement and U.S. Department of Education, 2014.
- Principle Investigator, Underrepresented STEM majors' perspectives of experiences supporting their mathematical success, \$4,000, Committee on Organized Research Award, 2014.
- Principle Investigator, How identity contributes to mathematical success: Exploring how underrepresented undergraduate mathematics majors negotiate their identities in their mathematical trajectories, \$3,900, Student Center for Science Engagement and U.S. Department of Education, 2013.
- Faculty Coordinator for Emerging Scholars Program (ESP) Mathematics Workshops, Enhancing Career Opportunities in Biomedical and Environmental Health Sciences at an Urban Hispanic Serving Institution: An HSI STEM and Articulation Initiative, U.S. Department of Education, \$4,345,618, 2011-2017

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## Honors, Recognitions, and Awards

- **Sabbatical Leave Award**, Northeastern Illinois University, Spring 2018
- **Faculty Excellence Award in the Teaching Category**, Northeastern Illinois University, 2016
- **Committee on Organized Research Award**, Northeastern Illinois University, 2014-2015
- **Research Communities Award**, Northeastern Illinois University, 2013-2014

- **Travel Award**, Northeastern Illinois University, Spring 2014
- **Travel Award**, Northeastern Illinois University, Fall 2014
- **Student Choice Award**, Northeastern Illinois University, Spring 2013
- **Travel Award**, Northeastern Illinois University, Fall 2012
- **Travel Award**, Northeastern Illinois University, Spring 2012
- **Semifinalist**, American Association of Hispanics in Higher Education (AAHHE) and Educational Testing Service (ETS) Outstanding Dissertations Competition, 2011
- **Graduate Student Teaching Award from the Department of Mathematics, Statistics, and Computer Science**, University of Illinois at Chicago, 2008
- **Travel Award from the Department of Mathematics, Statistics, and Computer Science**, University of Illinois at Chicago, 2008 and 2009
- **Certificate of Appreciation from Nurturing Wisdom Tutoring Company**, 2008
- **Science, Kids, and Teachers (SKIT) Fellow**, University of Illinois at Chicago, 2006-2007
- **Pi Mu Epsilon**, 2005
- **Dean's List**, Washington University, Spring 2001, Fall 2001, Spring 2002 and Fall 2002

## Service (Coordination)

- Acting Coordinator, Mathematics Development Program, Northeastern Illinois University, Fall 2016, Fall 2017
- Coordinator, Mathematics Community Center, Northeastern Illinois University, Fall 2016-present
- Coordinator, NEIU Summer Bridge (formerly EMERGE) Program (Mathematics Component), Northeastern Illinois University, Spring 2014-present
- Coordinator, Mathematics Enrichment Workshop Program, Northeastern Illinois University, Fall 2011-present
- Coordinator, Mathematics Education Learning Community, Northeastern Illinois University, Fall 2011-Fall 2012

## Service (Committees)

- College of Arts & Sciences Leadership Team Meetings, Northeastern Illinois University, Fall 2016-present
- Mathematics Department Personnel Committee Chair, Northeastern Illinois University, Fall 2016-present
- Mathematics Development Curriculum Committee Chair, Northeastern Illinois University, Fall 2013-present
- Instructors Personnel Committee Member, Northeastern Illinois University, Spring 2013-present
- Title III Grant Program Advisory Group Member, Northeastern Illinois University, Fall 2012-present

- Undergraduate Program Committee Member, Northeastern Illinois University, Fall 2012-present
- Service Course Committee Member, Northeastern Illinois University, Fall 2012-present
- Search and Screen Committee for Mathematics Faculty Member, Northeastern Illinois University, Fall 2012-Spring 2013, Fall 2015-Spring 2016

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## Service (Research Advising)

- Jing Xie, M.S. Research Project Co-Advisor, Northeastern Illinois University, 2016-2017
- Margarita Kavouras, Research Advisor, McNair Program, Northeastern Illinois University, 2015
- Erik Muntz, Research Advisor, Northeastern Illinois University, 2014
- Peter Stilling, Research Advisor, Northeastern Illinois University, 2014
- Amanda Hughes, Research Advisor, Northeastern Illinois University, 2014
- Nic Allen, Research Advisor, Northeastern Illinois University, 2014
- Bechir Amdouni, M.S. Project Committee Member, Northeastern Illinois University, 2014
- Doug Rosskamm, Northeastern Illinois University, 2013-2014
- Cathie Anderson, Research Advisor, Honors Program, Northeastern Illinois University, 2013-2014
- Ruben Echevarria, Research Advisor, McNair Program, Northeastern Illinois University, 2012-2014
- Brittany Pines, Research Advisor, Northeastern Illinois University, 2013
- Alejandro Sanchez, Research Advisor, McNair Program, Northeastern Illinois University, 2013
- Gail Tang, D.A. (Mathematics) dissertation committee member, University of Illinois at Chicago, 2012
- M.S. Project Committee Member, Northeastern Illinois University, 2011

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## Service (Other)

- African American Mentor Program Participant, Northeastern Illinois University, Fall 2015
- Introduction to Graduate Education Participant, Northwestern University, Spring 2014
- Psychology Department First Year Experience Career Panel Member, Northeastern Illinois University, Fall 2012
- Association for Women in Mathematics Job Panel, University of Illinois at Chicago, Spring 2012
- Assisted with Revising Master of Arts (MA) degree in Pedagogical Content Knowledge for Teaching Elementary and Middle School Mathematics, Northeastern Illinois University, Fall 2011-Spring 2012

- Instructor and Member, Math and Science Teacher Quality Enhancement Program, Northeastern Illinois University, Spring 2011-Spring 2012, Fall 2015-Spring 2016, Fall 2016

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## Professional Development

- Completed Math 251 Discrete Mathematics Workshop, Northeastern Illinois University, Summer 2012
- Nominated for and Completed Online Teaching II Course, Northeastern Illinois University, Summer 2012
- Completed Online Teaching I Course, Northeastern Illinois University, Spring 2012

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## Professional Memberships

- Rethinking Schools
- Adults Learning Mathematics
- American Mathematical Society
- American Educational Research Association
- Teaching for Excellence and Equity in Mathematics
- North American Chapter of the International Group for the Psychology of Mathematics Education
- Mathematics Graduate Student Association, Co-President, University of Illinois at Chicago, 2006-2007

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## Computer skills

- MyMathTest (College Algebra), MyMathLab (Beginning Algebra, College Algebra, Precalculus, Calculus I), CalcPortal (Calculus I), WebAssign (Calculus I), and Maple (Calculus III)
- Java, Pascal, C++, Matlab, MathCAD, SIS, FIS, LINDO, Management Scientist, GAP, and LaTeX