

Houssein El Turkey

University of New Haven

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Education

- 2008–2014 **Ph.D., Mathematics**, *University of Oklahoma*, OK, USA.
Dissertation: *Complexity of Modules over Lie Superalgebras*. Advisor: Prof. J. Kujawa.
- 2006–2008 **M.S., Mathematics**, *The American University of Beirut*, Beirut, Lebanon.
Thesis: *Generalizations of Boolean Rings*. Advisor: Prof. H. Abu Khuzam
- 2002–2006 **B.S., Mathematics**, *Beirut Arab University*, Beirut, Lebanon.
Undergraduate Thesis: *El-Gamal Cryptosystems*. Advisor: Prof. A. Kassab

Academic Positions

- 2017–Present **Mathematics Coordinator**, *University of New Haven*, CT, USA.
- 2014–Present **Assistant Professor, Mathematics**, *University of New Haven*, CT, USA.
- 2008–2014 **Graduate Teaching Assistant, Mathematics**, *University of Oklahoma*, OK, USA.
- 2006–2008 **Graduate Assistant, Mathematics**, *The American University of Beirut*, Beirut, Lebanon.

Teaching Experience

Courses Taught

- 2014–Present **University of New Haven.**
- Quantitative Reasoning (2 Recitation sections, S15)
 - Business Calculus (Recitation section, F15)
 - Calculus I (SUI15, 2 sections in F16, SUI17, 3 sections in F17)
 - Calculus II (2 sections in F14, S15, substituted for 2 sections in F15, 2 sections in S16)
 - Calculus III (F15, SUII 16, 2 sections in S17)
 - Foundations of Mathematics (S18)
 - Introduction to Number Theory (F16)
 - Linear Algebra (cross-listed with Methods of Engineering Mathematics F17)
 - Modern Algebra (F15; Independent Study with 3 students in S16; Independent Study with one student in S17)
 - Topics Course: Cryptography (Independent Study with one student in SUI17)
 - Department Seminar (F15)
 - Independent Study (1 cr. in F15, S16, F16, SUI16, F17, 2 cr. in S18)
- 2008–2014 **University of Oklahoma.**
- College Algebra (F10)
 - Pre-Calculus and Trigonometry (F13, Substitute Lecturer for 2 months)
 - Pre-Calculus For Business, Life and Social Sciences (S12, S12)
 - Calculus and Analytic Geometry I (SU12, Recitation Section in F09)
 - Calculus and Analytic Geometry II (SU10, SU11, SU13, Recitation Sections in S10, F11, F12, F13)

Undergraduate Research

- 2014–Present **University of New Haven.**

- Covering Number of Finite Rings, with Cassandra Pray (F15–S17)
- Frobenius Number of Numerical Semigroups, with Alec Shackett and Andrew Svitlik (F17–present)

Publications

Published Book Chapter

- Savic, M., Karakok, G., Tang, G., **El Turkey, H.**, & Naccaratto, E. (2017). Formative Assessment of Creativity in Undergraduate Mathematics: Using a Creativity-in-Progress Rubric (CPR) on Proving. An invited book chapter to R. Leiken & B. Sriraman, editors. *Mathematical Creativity and Giftedness, Interdisciplinary Perspectives from Mathematics and Beyond*, Springer International Publishing AG, 23–46.

Peer-Reviewed Journal Articles

- **El Turkey, H.** (2018). Complexity of Simple Modules over Lie Superalgebra $\text{osp}(k|2)$. *Journal of Pure and Applied Algebra*, **222**(1), 181–190.
- **El Turkey, H.**, Tang, G., Savic, M., Karakok, G., & Cilli-Turner, E. (2018). The Creativity-in-Progress Rubric (CPR) on Proving: Two Teaching Implementations and Students' Reported Usage. *PRIMUS: Problems, Resources, and Issues in Mathematics Undergraduate Studies*, **28**(1), 57–79. Available at <http://dx.doi.org/10.1080/10511970.2017.1346735>.
- Tang, G., **El Turkey, H.**, Cilli-Turner, E., Savic, M., Karakok, G., & Plaxco, D. (2017). Inquiry as an entry point to equity in the classroom, *International Journal of Mathematical Education in Science and Technology*, **48**(1), S4–S15.
- Liu, D. and **El Turkey, H.** (2017). Exploration of Task Performance Tests in Physics Laboratory. *European Journal of Physics*, **38**(6), 065701 (9pp).
- **El Turkey, H.** and Pray, C. (2017). A Note on the Covering Number of Some Finite Rings. *Minnesota Journal of Undergraduate Mathematics*, **2**(1). Available at: <https://mjum.math.umn.edu/index.php/mjum/article/view/41>.
- **El Turkey, H.** (2016). Complexity of Modules over Lie Superalgebras. *Journal of Algebra*, **445**, 365–393.
- **El Turkey, H.** and Kujawa, J. (2013), Presenting Schur Superalgebras. *Pacific Journal of Mathematics*, **262**(2), 285–316.

Refereed Proceedings

- Savic, M., **El Turkey, H.**, Tang, G., Karakok, G., Cilli-Turner, E., Plaxco, D., & Omar, M. (2017). Pedagogical practices that foster mathematical creativity at tertiary-level proof-based courses. In: D. Pitta–Pantazi, editors. *Proceedings of the 10th International Conference on Mathematical Creativity and Giftedness*, Nicosia, Cyprus. http://www.cyprusconferences.org/mcg10/files/Proceedings_MCG10_FinalPublication.pdf
- Turki, S. and **El Turkey, H.** (2017). Implementation of Pre and Post Class Readings in Calculus. In: A. Weinberg, C. Rasmussen, J. Rabin, M. Wawro, S. Brown editors. *Proceedings of the 20th Conference on Research in Undergraduate Mathematics Education*, San Diego, CA. <http://sigmaa.maa.org/rume/RUME20.pdf>
- Savic, M., Plaxco, D., Wenger, M., Cilli-Turner, E., Tang, G., **El Turkey, H.**, & Karakok, G. (2017). $C \times N$: Investigating the creative proving process using neuroscience methods. In: A. Weinberg, C. Rasmussen, J. Rabin, M. Wawro, S. Brown editors. *Proceedings of the 20th Conference on Research in Undergraduate Mathematics Education*, San Diego, CA. <http://sigmaa.maa.org/rume/RUME20.pdf>
- Tang, G., **El Turkey, H.**, Cilli-Turner, E., Savic, M., Karakok, G., & Plaxco, D. (2017). Inquiry as an access point to equity in the classroom. In: A. Weinberg, C. Rasmussen, J. Rabin, M. Wawro, S. Brown editors. *Proceedings of the 20th Conference on Research in Undergraduate Mathematics Education*, San Diego, CA. <http://sigmaa.maa.org/rume/RUME20.pdf>

- Savic, M., **El Turkey, H.**, Tang, G., Karakok, G., Cilli-Turner, E., Plaxco, D., & Omar, M. (2017). Pedagogical practices for fostering mathematical creativity in proof-based courses: Three case studies. In: A. Weinberg, C. Rasmussen, J. Rabin, M. Wawro, S. Brown editors. *Proceedings of the 20th Annual Conference on Research in Undergraduate Mathematics Education*, San Diego, CA. <http://sigmaa.maa.org/rume/RUME20.pdf>
- Karakok, G., Savic, M., Tang, G., & **El Turkey, H.** (2015). Mathematicians' Views on Undergraduate Students' Creativity. In: K. Krainer, N. Vondrova, editors. *Proceedings of the 9th Congress of the European Society for Research in Mathematics Education, Prague, Czech Republic*, 1003–1009.
- Tang, G., **El Turkey, H.**, Savic, M., & Karakok, G. (2015). Exploration of Undergraduate Students' and Mathematicians' Perspectives on Creativity. In: T. Fukawa-Connelly, N.E. Infante, K. Keene, M. Zandieh, editors. *Proceedings of the 18th Conference on Research in Undergraduate Mathematics Education*, Pittsburgh, PA, 1008–1015. <http://sigmaa.maa.org/rume/RUME18-final.pdf>
- Savic, M., Karakok, G., Tang, G., & **El Turkey, H.** (2015). Developing a Creativity-in-Progress Rubric on Proving. In: T. Fukawa-Connelly, N.E. Infante, K. Keene, M. Zandieh, editors. *Proceedings of the 18th Conference on Research in Undergraduate Mathematics Education*, Pittsburgh, PA, 954–960. <http://sigmaa.maa.org/rume/RUME18-final.pdf>
- Savic, M., Karakok, G., Tang, G., **El Turkey, H.** & Stubblefield, M. (2015). How Can We Assess Undergraduate Students' Creativity in Proof and Proving? *Proceedings of the 8th Annual Conference of Mathematical Creativity and Giftedness, International Group for Mathematical Creativity and Giftedness*, Denver, CO, 107–111. <https://drive.google.com/file/d/0B1W-oFlzfvpopU5Ma0g5RjZPRWc/view>

Non Peer-Reviewed Articles

- Karakok, G., Savic, M., Tang, G., **El Turkey, H.**, Plaxco, D., & Naccaratto, E. (2016). Creativity-in-Progress Rubric (CPR) on Proving: A Formative Assessment Tool for Proof-Based Courses. *MAA FOCUS*, **36**(1), February–March Issue of 2016.

Submitted Journal Articles

- **El Turkey, H.**, Turki, S., & Kottegoda, E. (2018). Two Implementations of Pre-class Readings in Calculus Courses. Submitted, February 12, 2018.
- Omar, M., Karakok, G., Savic, M., **El Turkey, H.**, Tang, G., & Cilli-Turner, E. (2018). “I Felt Like a Mathematician”: Homework Problems to Promote Creative Effort and Metacognition. Submitted revisions on February 16, 2018.

Selected Presentations

Invited Speaker

- Sep 2017 “**Complexity and z -complexity over Lie Superalgebra $\mathfrak{osp}(k|2)$** ”, *American Mathematical Society (AMS) Southeastern Sectional Meeting; University of Central Florida, Orlando, FL, USA.*
- Apr 2017 “**Can you buy 43 Chicken McNuggets?**”, *2017 PME Induction and Mathematics Awards Ceremony, The Rhode Island Beta Chapter of Pi Mu Epsilon; Rhode Island College, North Providence, RI, USA.*
- Apr 2016 “**Explicitly Valuing Mathematical Creativity in Proof-Based Courses**”, *Mathematics Education Seminar; University of Connecticut, Storrs, CT, USA.*
- Sep 2014 “**Complexity and z -complexity over Lie Superalgebras**”, *AMS Central Sectional Meeting; University of Wisconsin–Eau Claire, Eau Claire, WI, USA.*

Presenter

- Jan 2018 “**Two Implementations of Pre-class Readings in Calculus**”, *Joint Mathematics Meetings, San Diego, CA, USA.*

- Jan 2018 **“Exploring the Intersection of Fostering Mathematical Creativity and Inquiry Teaching”**, *Joint Mathematics Meetings*, Joint presentation with M. Savic, San Diego, CA, USA.
- Feb 2017 **“Implementing Pre/Post Class Readings in Calculus”**, *The 20th Conference on Research in Undergraduate Mathematics Education*, San Diego, CA, USA.
- Feb 2017 **“Pedagogical Practices for Fostering Mathematical Creativity in Proof-Based Courses: Three Case Studies”**, *The 20th Conference on Research in Undergraduate Mathematics Education*, Joint presentation with M. Savic, G. Karakok, G. Tang, & M. Omar, San Diego, CA, USA.
- Aug 2016 **“Implementation of Pre-class Readings in Calculus”**, *Mathematical Association of America (MAA) MathFest*, OH, USA.
- Jan 2016 **“Addressing Creativity in an Introductory Proof Course”**, *Joint Mathematics Meetings*, Joint presentation with M. Savic, Seattle, OR, USA.
- Aug 2015 **“Discussing Mathematical Creativity at the Undergraduate Level”**, *MAA MathFest*, Washington DC., USA.
- Feb 2015 **“Exploration of Undergraduate Students’ and Mathematicians’ Perspectives on Creativity”**, *The 18th Conference on Research in Undergraduate Mathematics Education*, Pittsburgh, PA, USA.
- Nov 2014 **“A Research-Based Rubric to Assess Students’ Creativity in Proof and Proving”**, *MAA Northeastern Sectional Meeting; SCSU*, New Haven, CT, USA.
- Jun 2014 **“Utilizing a Research-Based Rubric to Assess Students’ Creativity in Proof and Proving”**, *The 17th Annual Legacy of R.L. Moore IBL Conference*, Joint presentation with M. Savic, G. Karakok, G. Tang, & M. Stubblefield, Denver, CO, USA.
- May 2014 **“Complexity of Modules over Lie superalgebras”**, *Southeastern Lie Theory Workshop; University of Georgia*, Athens, GA, USA.
- Apr 2013 **“Presenting Schur Superalgebras”**, *The 3rd Graduate Research Conference in Algebra and Representation Theory; Kansas State University*, Manhattan, KS, USA.
- Mar 2013 **“Complexity of the Simple and Kac Modules over $\mathfrak{osp}(2|2n)$ ”**, *TORA IV : Texas - Oklahoma Representations and Automorphic Forms IV; U. of North Texas*, Dallas, TX, USA.

Co-authored Talks/* is Presenter

- Feb 2017 **“Inquiry as an Access Point to Equity”**, *The 20th Conference on Research in Undergraduate Mathematics Education*, G. Tang* , H. El Turkey, E. Cilli-Turner, M. Savic, D. Plaxco, & G. Karakok, San Diego, CA, USA.
- Feb 2017 **“ $C \times N$ Investigating the Creative Proving Process Using Neuroscience Methods”**, *The 20th Conference on Research in Undergraduate Mathematics Education*, M. Savic*, D. Plaxco*, M. Wenger, E. Cilli-Turner, G. Tang, H. El Turkey, & G. Karakok, San Diego, CA, USA.
- Nov 2016 **“The Covering Number of Some Finite Rings”**, *MAA Northeastern Sectional Meeting; Trinity College*, H. El Turkey and C. Pray*, Hartford, CT, USA.
- Nov 2016 **“Implementation of Pre-class Readings in Calculus”**, *MAA Northeastern Sectional Meeting; Trinity College*, S. Turki* and H. El Turkey, Hartford, CT, USA.
- Jul 2016 **“Creativity-in-Progress Rubric on Proving: Enhancing Students Creativity”**, *The 13th International Congress on Mathematical Education*, G. Karakok*, H. El Turkey, M. Savic, G. Tang, E. Naccaratto, & D. Plaxco, Hamburg, Germany.
- Nov 2015 **“Using the Creativity-in-Progress Rubric in an Inquiry-Based Introductory Proof Course”**, *The 10th Southern Hemisphere Conference on the Teaching and Learning of Undergraduate Mathematics and Statistics*, G. Tang*, G. Karakok*, M. Savic, H. El Turkey, E. Naccaratto, Brent Hancock, Port Elizabeth, South Africa.

- Oct 2015 **“Understanding the Proving Process with the Lens of Mathematical Creativity”**, *AMS Western Sectional Meeting; California State University*, G. Karakok*, G. Tang, H. El Turkey, E. Naccarato, D. Plaxco, Fullerton, CA, USA.
- Feb 2015 **“Understanding the Proving Process with the Lens of Mathematical Creativity”**, *The 18th Conference on Research in Undergraduate Mathematics Education*, M. Savic*, G. Karakok, G. Tang, H. El Turkey, Pittsburgh, PA, USA.

Departmental Talks

- Mar 2017 **“McNugget Numbers”**, *Math & Physics Club; University of New Haven*, West Haven, CT, USA.
- Nov 2016 **“The Covering Number of Finite Rings”**, *Math Department Seminar; University of New Haven*, West Haven, CT, USA.
- Feb 2016 **“Explicitly Valuing Mathematical Creativity in Proof-Based Courses”**, *Math Department Seminar; University of New Haven*, West Haven, CT, USA.
- Nov 2014 **“Prime Numbers”**, *Math & Physics Club; University of New Haven*, West Haven, CT, USA.
- Nov 2014 **“Algebras...An Abstract Version of College Algebra”**, *Math Department Seminar; University of New Haven*, West Haven, CT, USA.
- Feb 2013 **“Left and Right Derived Functors”**, *Student Algebra Seminar; University of Oklahoma*, Norman, OK, USA.
- Feb 2012 **“Connection between Projective Representations and the Second Cohomology Group”**, *Graduate Student Seminar; University of Oklahoma*, Norman, OK, USA.
- May 2011 **“A Presentation of the Schur Algebra and Superalgebra”**, *Algebra and Representation Theory Seminar; University of Oklahoma*, Norman, OK, USA.
- Oct 2010 **“Schur-Weyl Duality between Partition Algebras and the Symmetric Group”**, *Student Algebra Seminar; University of Oklahoma*, Norman, OK, USA.

Selected Conferences & Workshops

- Feb 2018 **Critical Issues in Mathematics Education 2018: Access to mathematics by opening doors for students currently excluded from mathematics**, *MSRI*, Berkeley, CA, USA.
- Nov 2017 **MAA Northeastern Sectional Meeting**, *Sacred Heart University*, Fairfield, CT, USA.
- Apr 2017 **Embedded Support: How it helps, Why it works**, *Eastern Connecticut State University*, Willimantic, CT, USA.
- Nov 2016 **Transforming Undergraduate STEM Education: Implications for 21st Century Society**, *EAAC&U*, Boston, MA, USA.
- Nov 2016 **MAA Northeastern Sectional Meeting**, *Trinity College*, Hartford, CT, USA.
- Oct 2016 **Circle on the Road**, *Courant Institute of Mathematical Sciences*, New York University, New York, NY.
- Oct 2016 **RUME with a View**, *University of Oklahoma*, Norman, OK.
- May 2016 **Algebraic Groups, Quantum Groups and Geometry**, *University of Virginia*, Charlottesville, VA, USA.
- Aug 2015 **Project NExT Workshop**, *Washington DC.*, USA.
- Jun 2015 **Conference on Representation Theory, Number Theory and Invariant Theory (In honor of Roger Howe)**, *Yale University*, New Haven, CT, USA.
- May 2015 **Conference on Representation Theory and Related Topics**, *University of Connecticut*, Storrs, CT, USA.
- Jan 2015 **Joint Mathematics Meetings**, *San Antonio, TX*, USA.

- Sep 2014 **Discovering the Art of Teaching Mathematics**, *Quinnipiac University*, Hamden, CT, USA.
- Nov 2013 **Conference on Geometric Methods in Representation Theory**, *University of Missouri*, Columbia, MO, USA.
- Apr 2012 **AMS Central Sectional Meeting**, *University of Kansas*, Lawrence, KS, USA.
- Apr 2012 **TORA II : Texas - Oklahoma Representations and Automorphic Forms II**, *Oklahoma State University*, Stillwater, OK, USA.
- Oct 2011 **AMS Central Sectional Meeting**, *University of Nebraska*, Lincoln, NE, USA.
- Jun 2011 **Southeastern Lie Theory Workshop III: Finite and Algebraic Groups**, *University of Virginia*, Charlottesville, VA, USA.
- May 2010 **Second Southeastern Lie Theory Conference and VIGRE Summer School**, *University of Georgia*, Athens, GA, USA.

Fellowships & Grants

Grants

- Nov 2017 **Principal Investigator**, *Fostering Creativity Through Research-based Task Design in Undergraduate Mathematics Courses*, Spencer Foundation, \$50,000, declined.
- Oct 2017 **Member of UNH Leadership Team**, *2018 HHMI Inclusive Excellence Grant*, Howard Hughes Medical Institute, \$ 5,042,711, submitted.
- Jan 2017 **Co-Principal Investigator**, *I-SUCCESS: Inclusive Strategies for Undergraduate Course Coordination and Enhanced Student Success*, NSF, \$598,845, declined.
- Nov 2016 **Co-Principal Investigator**, *Undergraduates' Attendance to MAA MathFest*, Elsevier Mathematical Sciences Sponsorship, \$ 5,000, declined.
- Apr 2015 **Principal Investigator**, *Early Mathematician Grant*, Simon's Foundation, \$ 4,000, declined.

Travel Grants

- Spring 2017 **Research Fund, University of New Haven**, *2018 Joint Mathematics Meetings–San Diego, CA*, \$ 1050, Awarded.
- Fall 2016 **Provost's Office, University of New Haven**, *2016 AAC&U conference: Transforming Undergraduate STEM Education–Boston, MA*, \$ 1700, Awarded.
- Fall 2016 **American Mathematical Society**, *2017 Mathematical Congress of the Americas, Canada*, \$ 1500, Rejected.
- Spring 2015 **AMS Simon's Foundation**, *Two year travel support for early mathematicians*, \$ 4000, Rejected.
- Spring 2014 **American Mathematical Society**, *2014 Joint Mathematics Meetings–Baltimore, MD*, \$ 500, Awarded.
- Spring 2014 **Robberson Conference Presentation & Creative Exhibition Travel Grant–Graduate College, University of Oklahoma**, *2014 Joint Mathematics Meetings–Baltimore, MD*, \$ 500, Awarded.
- Spring 2012 **American Mathematical Society**, *Spring AMS Central Sectional Meeting–University of Kansas, Lawrence, KS*, \$ 250, Awarded.
- Fall 2011 **American Mathematical Society**, *Fall AMS Central Sectional Meeting–University of Nebraska, Lincoln, NE*, \$ 250, Awarded.
- Spring 2011 **University of Virginia**, *Southeastern Lie Theory Workshop III–UVA, Charlottesville, VA*, \$ 500, Awarded.
- Spring 2010 **University of Georgia**, *VIGRE Summer School–UGA, Athens, GA*, \$ 500, Awarded.

Fellowships

2015–2016 **Project NExT Fellow.**

A professional development program of the MAA for recent Ph.D. graduates. Fellows attended panels, workshops, and talks to build skills in research, teaching, and undergraduate research. A mentoring and networking component is also included.

2008–2013 **Foundation Fellow.**

A five-year scholarship (\$ 5000 per year) program at the University of Oklahoma for Ph.D. students in addition to the regular tuition waiver and the monthly stipend.

Awards

Apr 2014 **Certificate of Distinction for Outstanding Graduate Teaching Assistant**, *Provost Office, University of Oklahoma, OK, USA.*

Apr 2013 **Overall Outstanding Graduate Student Award**, *Graduate Student Senate, University of Oklahoma, OK, USA.*

Jun 2006 **Jamal Abdul-Naser Award for Academic Excellence**, *Beirut Arab University, Beirut, Lebanon.*

2002–2006 **Full Annual Scholarship**, Beirut Arab University, Beirut, Lebanon.

Service

Mathematics Department-University of New Haven

2017–Present **Mathematics Coordinator**, Duties include: Transfer credit authorization, overrides into classes, scheduling of classes and faculty assignments, hiring part-time adjunct faculty, outreach activities, classroom observations, etc.

2017 **Search Committee Member**, Two searches for Assistant Professor and Chair Positions.

2017–Present **Pi Mu Epsilon Petition Faculty Advisor**, I am helping the president of the Math and Physics Club in writing a petition to have a PME chapter at the university.

2016–Present **Academic Advising**, I have been the academic advisor of 11 students.

2015–Present **Master's Program Committee Member**, I worked on the financial analysis of the program and gave feedback on the subsequent drafts of the proposal.

2015–Present **Department Awards Committee Chair**, Every Spring, we select 4 students in Mathematics and Physics for their academic excellence.

2014–2017 **Math & Physics Club Faculty Advisor**, Activities include: Field trips, game nights, presentations, etc.

2014–2016 **Department Core-Curriculum Committee Chair**, We coordinated with the Core Curriculum Task Force regarding the mathematics courses and we submitted the necessary forms for CC 3.1 category.

2014 **Mastery Test Committee Member**, I provided a pool of questions to be used on these tests.

College & University- University of New Haven

2017-Present **University Enrollment Management Advisory Committee**, We met twice to discuss the mission of the Committee.

2016–Present **Recommendation letter writer**, I have written letters of recommendations for 15 students for graduate schools, scholarships, tutoring positions in CLR, Honors Program, REU's, internships, etc.

2017 **Reviewer**, I reviewed 18 SURF applications.

2016–Present **Faculty Liaison**, Liaison of the UNH women's tennis team.

2015–2016 **Volunteer**, I read names of graduates during winter commencements.

2015 **CAS Awards Committee Member**, I helped in the logistics of the ceremony and I sent the emails to all students who were awarded.

Community

- Jan 2018 **Moderator**, *Joint Mathematics Meeting*, I moderated the MAA contributed paper Session on Number Theory (II), San Diego, CA, USA.
- Jan 2018 **Judge**, *Joint Mathematics Meeting*, I judged three posters in the MAA undergraduate student poster session, San Diego, CA, USA.
- Fall 2017 **Program Committee Member**, *MAA Northeastern Sectional Meeting*, We selected the plenary speakers, Sacred Heart University, Fairfield, CT, USA.
- Fall 2017 **Reviewer**, *PRIMUS: Problems, Resources, and Issues in Mathematics Undergraduate Studies*, I reviewed one article.
- Jan 2016 **Moderator**, *Joint Mathematics Meeting*, I moderated the MAA contributed paper Session on Algebra (II), Seattle, OR, USA.
- Fall 2016 **Local Arrangements Committee Member**, *MAA Northeastern Sectional Meeting*, Trinity College, Hartford, CT, USA.
- Aug 2016 **Co-Organizer**, *MAA MathFest*, Project NExT session on “Teaching and Assessing Proof-Writing”, Columbus, OH, USA.

Mathematics Department-University of Oklahoma

- 2012 **Graduate Committee Member**, Student Representative on the Department’s Graduate Committee.
- Spring 2012 **President**, Mathematics Graduate Students Association.
- Spring 2011–12 **Vice President**, Mathematics Graduate Students Association.
- 2011 **Organizer**, Graduate Student Seminar.
- 2010 **Organizer**, Student Algebra Seminar.

Memberships

- 2014-Present **Mathematical Association of America (MAA)**.
- 2010-Present **American Mathematical Society (AMS)**.

Computer Skills

L^AT_EX, Microsoft Office, Mathematica.

References

Available upon request.

Interests

Tennis, Hiking, Cooking.