

Jennifer Julia Kaplan
CURRICULUM VITAE

EDUCATION

The University of Texas at Austin, Austin, TX
Ph.D. Mathematics, with focus in statistics education May 2006
Dissertation Advisor: Philip Uri Treisman
Dissertation Title: Cognitive Dispositions that Affect Undergraduate Students' Mastery of Statistical Hypothesis Testing.

M.A. Mathematics, with focus in statistics May 2001
Master's Advisor: Peter W. M. John
Report Title: Regression and Cluster Analysis of Demographic Data: A Study of Clustering Techniques Used in Creating Campus Comparison Groups

Brandeis University, Waltham, MA
B.A. Mathematics, Cum Laude May 1989

UNIVERSITY APPOINTMENTS

Middle Tennessee State University, Murfreesboro, TN
Director, Ph.D. Program in Mathematics and Science Education August 2019 – Present
Professor, Department of Mathematical Sciences August 2021 – Present
Associate Professor, Department of Mathematical Sciences August 2019 – August 2021

University of Georgia, Department of Statistics, Athens, GA
Adjunct Faculty August 2019 – August 2021
Associate Professor August 2015 – August 2019
Assistant Professor August 2011 – August 2015

Michigan State University, Department of Statistics and Probability and Division of Science and Mathematics Education, East Lansing MI
Assistant Professor August 2006 – August 2011

EXTERNAL FUNDING (FUNDED APPLICATIONS)

1. MTSU PI: Developing Open Response Assessments to Evaluate How Undergraduates Engage in Mathematical Sensemaking in Biology, Chemistry, and Physics. National Science Foundation, DUE 2235641. (March 15, 2023 – March 14, 2027, MTSU Budget \$154,929)
2. UGA PI: Collaborative research: Expanding a National Network for Automated Analysis of Constructed Response Assessments to Reveal Student Thinking in STEM. National Science Foundation, DUE – 1322962. (September 15, 2013 – August 31, 2020, UGA Budget \$502,755)
3. PI: Fostering Active Learning in Statistics: Research on Students and Graduate Teaching Assistants National Science Foundation, DUE – 1504587. (July 1, 2015 – June 30, 2018, \$223,529)
4. Co-PI: The HILT-LAS Project: High Impact, Little Time Activities that address Lexical Ambiguity in Statistics. National Science Foundation, DUE – 1504013. (May 15, 2015 – May 14, 2018, \$215,371)

5. Senior Personnel: Math: EAGER: Researching the HyFlex+ Instructional Model of Blended Learning PI: Tailen Hsing; Co-PI: Jackie Miller; University of Michigan Ann Arbor; NSF, DUE – 1544337 (November 1, 2015 – October 31, 2018, \$247,969.00)
6. Senior Personnel: Math: EAGER: Developing a Learning Map for Introductory Statistics PI: Angela Broaddus; Co-PI: Jonathan Templin; University of Kansas Center for Research, Inc.; NSF, DUE – 1544481 (November 1, 2016 – October 31, 2021, \$299,832.00)

EXTERNAL FUNDING (PENDING APPLICATIONS)

1. Co-PI Preparation and Refinement of Postdocs in STEM for Disciplinary-Based Education Research (PROPS for DBER). National Science Foundation (August 15, 2023 – August 14, 2026, \$1,249,445.00)

PUBLICATIONS

PEER REVIEWED JOURNAL ARTICLES

1. Koklu, O. & **Kaplan, J.J.** (2022). Undergraduate students' use of primitive notions when reasoning about variability. *International Journal of Science and Mathematics Education*. <https://doi.org/10.1007/s10763-022-10293-3>
2. **Kaplan, J.J.**, Lyford, A., & Jennings J.K. (2018). Effects of question stem on student descriptions of histograms. *Statistics Education Research Journal*, 17(1). [https://iase-web.org/documents/SERJ/SERJ17\(1\)_Kaplan.pdf](https://iase-web.org/documents/SERJ/SERJ17(1)_Kaplan.pdf)
3. **Kaplan, J.J.** & Rogness, N. (2018). Increasing statistical literacy by exploiting lexical ambiguity of technical terms. *Numeracy*, 11(1). <https://doi.org/10.5038/1936-4660.11.1.3>
4. Moore, A.A. & **Kaplan, J.J.** (2015). Program assessment for an undergraduate statistics major. *The American Statistician*, 69(4). <https://doi.org/10.1080/00031305.2015.1087331>
5. Urban-Lurain, M., Cooper, M. M., Haudek, K. C., **Kaplan, J. J.**, Knight, J. K., Lemons, P. P., Lira, C. T., Merrill, J. E., Nehm, R., Prevost, L. B., Smith, M. K., Sydlik, M. (2015). Expanding a national network for automated analysis of constructed response assessments to reveal student thinking in STEM. *Computers in Education Journal*, 25(2). <https://www.asee.org/papers-and-publications/publications/division-publications/computers-in-education-journal/papers/Urban-Lurain-15-2.pdf>
6. **Kaplan, J.J.**, Haudek, K.C., Ha, M., Rogness, N. & Fisher, D. (2014). Using lexical analysis software to assess student writing in statistics. *Technology Innovations in Statistics Education*, 8(1). <http://www.escholarship.org/uc/item/57r90703>
7. **Kaplan, J.J.**, Gabrosek, J.G., Curtiss, P. & Malone, C. (2014). Investigating student understanding of histograms. *Journal of Statistics Education*, 22(2). <http://www.amstat.org/publications/jse/v22n2/kaplan.pdf>
8. **Kaplan, J.J.**, Rogness, N., & Fisher, D. (2014). Exploiting Lexical Ambiguity to Help Students Understand the Meaning of *Random*. *Statistics Education Research Journal*, 13(1), 9 – 24. http://iase-web.org/documents/SERJ/SERJ13%281%29_Kaplan.pdf
9. Smith, M., Annis, S. L., **Kaplan, J. J.** & Drummond, F. (2012). Using Peer Discussion Facilitated by Clicker Questions in an Informal Education Setting: Enhancing Farmer Learning of Science. *PLoS ONE*, 7(10). <http://www.ncbi.nlm.nih.gov/pubmed/23077638>

10. **Kaplan, J.J.** & Otten, S. (2012) Optimization: Old dogs and new tasks. *Mathematics Teacher*, 105 (9), 686 – 691.
11. **Kaplan, J.J.**, Rogness, N. & Fisher, D. (2012). Lexical ambiguity: Making a case against spread. *Teaching Statistics*, 34(2), 56 – 60. DOI: 10.1111/j.1467-9639.2011.00477.x
12. **Kaplan, J.J.** (2011). Innovative Activities: How Clickers can Facilitate the Use of Simulations in Large Lecture Classes. *Technology Innovations in Statistics Education*, 5. <http://escholarship.org/uc/item/1jg0274b>
13. Sikorskii, A., Melfi, V., Gilliland, D., **Kaplan, J.** & Ahn, S. (2011) Quantitative Literacy at Michigan State University, 1: Development and Initial Evaluation of the Assessment. *Numeracy*, 4 (2). Available Online: <http://services.bepress.com/numeracy/vol4/iss2/art5/>
14. Haudek, K.C., **Kaplan, J.J.**, Knight, J., Long, T., Merrill, J., Munn, A., Nehm, R., Smith, M., Urban-Lurain, M. (2011) Harnessing Technology to Improve Formative Assessment of Student Conceptions in STEM: Forging a National Network. *CBE – Life Sciences Education*, 10 (2), pp. 149 – 155. <http://www.lifescied.org/cgi/reprint/10/2/149>
15. **Kaplan, J.J.**, Fisher, D. & Rogness, N. (2010). Lexical Ambiguity in Statistics: How students use and define the words: association, average, confidence, random and spread. *Journal of Statistics Education*, 18(2), <http://www.amstat.org/publications/jse/v18n2/kaplan.pdf>
16. **Kaplan, J.J.** & Du, J. (2009). Question Format and Representations: Do Heuristics and Biases Apply to Statistics Students? *Statistics Education Research Journal*, 8 (2), 56 – 73. [http://iase-web.org/documents/SERJ/SERJ8\(2\)_Kaplan_Du.pdf](http://iase-web.org/documents/SERJ/SERJ8(2)_Kaplan_Du.pdf)
17. **Kaplan, J.J.**, Fisher, D. & Rogness, N. (2009). Lexical Ambiguity in Statistics: What do students know about the words: association, average, confidence, random and spread? *Journal of Statistics Education*, 17 (3). <http://www.amstat.org/publications/jse/v17n3/kaplan.html>
18. **Kaplan, J. J.** (2009). Effect of Belief Bias on Undergraduate Students' Reasoning about Inference. *Journal of Statistics Education*, 17, (1). <http://www.amstat.org/publications/jse/v17n1/kaplan.html>

CONFERENCE PROCEEDINGS (* Peer-Reviewed)

1. * **Kaplan, J. J.** & Roland, K.E. (2022). Confidence means what?!?!? Lexical ambiguity in the interpretation of confidence intervals. *Proceedings of the 11th International Conference on Teaching Statistics (ICOTS-11)*. International Association for Statistics Education (IASE). http://iase-web.org/icots/11/proceedings/pdfs/ICOTS11_268_KAPLAN.pdf?1669865547
2. *Roland, K.E. & **Kaplan, J. J.** (2022). Brody and Jamie's colleague: The difference in confidence interval estimators and estimates. *Proceedings of the 11th International Conference on Teaching Statistics (ICOTS-11)*. International Association for Statistics Education (IASE). http://iase-web.org/icots/11/proceedings/pdfs/ICOTS11_264_ROLAND.pdf?1669865546
3. *Roland, K.E. & **Kaplan, J. J.** (2022). Using Concept Images as a Framework for the Concept of Confidence Intervals. *Proceedings of the 24nd Annual Conference on Research on Undergraduate Mathematics Education*. MAA SIGMAA on RUME. <http://sigmaa.maa.org/rume/RUME24.pdf>
4. *Roland, K.E. & **Kaplan, J. J.** (2022). The Implications of the Difference Between Estimators and Estimates in the Meaning of Confidence Intervals: Brody and the Jamie's

Colleague Task. *Proceedings of the 24th Annual Conference on Research on Undergraduate Mathematics Education*. MAA SIGMAA on RUME.

<http://sigmaa.maa.org/rume/RUME24.pdf>

5. *Findley, K. & **Kaplan, J. J.** (2019). Is Statistics just Math? The Developing Epistemological Views of Graduate Teaching Assistants. *Proceedings of the 22nd Annual Conference on Research on Undergraduate Mathematics Education*. MAA SIGMAA on RUME, 196 – 203. http://sigmaa.maa.org/rume/RUME22_Proceedings.pdf
6. *Findley, K. & **Kaplan, J.J.** (2018) Cognitive Resources in Student Reasoning about Mean Tendency. *Proceedings of the 21st Annual Conference on Research on Undergraduate Mathematics Education*. MAA SIGMAA on RUME, 1345 - 1351. <http://sigmaa.maa.org/rume/RUME21.pdf>
7. *Findley, K. & **Kaplan, J. J.** (2018). What is Statistics? Examining the Disciplinary Beliefs of Incoming Statistics TAs. *Proceedings of the Tenth International Conference on Teaching Statistics (ICOTS-10)*. IASE. http://iase-web.org/icots/10/proceedings/pdfs/ICOTS10_C175.pdf?1531364321
8. ***Kaplan, J. J.** and Roland, K. E. (2018) Improving Capacity and Quality of Undergraduate Statistics Instruction through Research-Based TA Training Experiences. *Proceedings of the Tenth International Conference on Teaching Statistics (ICOTS-10)*. IASE. http://iase-web.org/icots/10/proceedings/pdfs/ICOTS10_C171.pdf?1531364321
9. *Lyford, A. & **Kaplan, J. J.** (2018) Improving Student Learning and Instructional Effectiveness through the Innovative Use of Automated Analysis of Formative Assessments. *Proceedings of the Tenth International Conference on Teaching Statistics (ICOTS-10)*. IASE. http://iase-web.org/icots/10/proceedings/pdfs/ICOTS10_1E1.pdf?1531382515
10. ***Kaplan, J. J.** & Roland, K. E. (2016). Fostering Active Learning in Statistics: Initial Findings about Graduate Teaching Assistants' Training Needs. *Proceedings of AAAS/NSF Envisioning the Future of Undergraduate STEM Education: Research and Practice*, AAAS/NSF.
11. *Rogness, N., **Kaplan, J. J.** & Fisher, D. (2016). The HILT-LAS Project: High Impact, Little Time Activities that Address Lexical Ambiguity in Statistics. *Proceedings of AAAS/NSF Envisioning the Future of Undergraduate STEM Education: Research and Practice*, Washington, D.C., April 27 – 29.
12. *Urban-Lurain, M., Cooper, M. M., Haudek, K. C., **Kaplan, J. J.**, Knight, J.K., Lemons, P. P., Lira, C. T., Merrill, J. E., Nehm, R., Prevost, L. B., Smith, M. K., Sydlik, M. (2014). Expanding a national network for automated analysis of constructed response assessments to reveal student thinking in STEM. *Proceedings of the Annual Conference of the American Society for Engineering Education*, Indianapolis, IN, June 15-18.
13. **Kaplan, J.J.** (2014). Clickers, Simulations, and Conceptual Understanding of Statistical Inference. *Proceedings of the Ninth International Conference on Teaching Statistics (ICOTS-9)*. IASE, Flagstaff, AZ, USA.
14. Gould, R. & **Kaplan, J.** (2013). Preface to the special edition. *Technology Innovations in Statistics Education*, 7(2). <http://www.escholarship.org/uc/item/6tn9h4jm>
15. **Kaplan, J.J.** & Melfi, V. (2013). New perspectives: A statistician and a statistics educator discuss lessons learned from cross disciplinary sojourns. *Proceedings from the 59th World Statistics Congress*. ISI, Hong Kong, China. <http://www.statistics.gov.hk/wsc/IPS069-P1-S.pdf>

16. ***Kaplan, J.J.** & Thorpe, J. (2010). Post secondary and adult statistical literacy: Assessing beyond the classroom. *Proceedings of the Eighth International Conference on Teaching Statistics (ICOTS-8)*. IASE, Ljubljana, Slovenia. **Excellence Award**
17. **Kaplan, J.J.**, Cervello, K., & Corcoran, E. (2009). Lesson Study as a Tool for Professional Development: A Case of Undergraduate Calculus. *Proceedings of the 2009 Conference on Research in Undergraduate Mathematics Education*. Available online: http://mathed.asu.edu/crume2009/Kaplan_LONG.pdf
18. Otten, S., Park, J., Mosier, A. & **Kaplan, J.J.** (2009). Lesson Study as a Tool for Research: A Case of Undergraduate Calculus. *Proceedings of the 2009 Conference on Research in Undergraduate Mathematics Education*. Available online: http://mathed.asu.edu/crume2009/Otten_LONG.pdf
19. Johnson, Y.N. & **Kaplan, J.J.** (2008). The Assessment of Quantitative Literacy at a Large Public Institution. *Proceedings of the 2008 Conference on Research in Undergraduate Mathematics Education*. <http://cresmet.asu.edu/crume2008/Proceedings/Proceedings.html>
20. **Kaplan, J.J.** & Urban-Lurain, M. (2008). Personal Response Systems in Statistics: Using clickers to foster active learning and address student misconceptions. *Proceedings of the Inaugural Conference on Classroom Response Systems: Innovations and Best Practices*. <http://iclicker.com/dnn/UserCommunity/ConferencePapers/tabid/171/Default.aspx>
21. Hilton, S., **Kaplan, J.** Hooks, T., Harrell, L. Fisher, D. & Sorto, M. A. (2008) Collaborative projects in statistics education. In *JSM Proceedings*, Statistics Education Section. Alexandria, VA: American Statistical Association.
22. **Kaplan, J.J.** (2008) i>clicker Pedagogy Case Study. *Invited paper for the iclicker.com website*. Available online: http://iclicker.com/dnn/Portals/0/Kaplan_Case_Study.pdf

BOOK CHAPTERS

1. **Kaplan, J.J.** & Roland, K.E., (2022). Content and pedagogical knowledge for teaching confidence intervals in a post $p < 0.05$ world. In Short, P., Henson, H., & McConnell, J.R. (Eds.), *Age of inference: Cultivating a scientific mindset* (pg. 317 – 346), Information Age Publishing.

TEXTBOOKS

1. **Kaplan, J.J.**, Roland, K.E., Woodard, V.L., & Woodard, R.D. (2018). *STAT 2000 Introductory Statistics Lab Manual, UGA StatCrunch Edition*. Plymouth, MI: Hayden-McNeil, LLC.
2. **Kaplan, J.J.**, Roland, K.E., Weber, V.L., & Woodard, R.D. (2017). *STAT 2000 Introductory Statistics Lab Manual, 2017 – 2018*. Plymouth, MI: Hayden-McNeil, LLC.
3. **Kaplan, J.J.**, Roland, K.E., Weber, V.L., & Woodard, R.D. (2016). *STAT 2000 Introductory Statistics Lab Manual, 2016 – 2017*. Plymouth, MI: Hayden-McNeil, LLC.

EDITORIALS

1. Kaplan, J. J. (2022). Editorial. *Statistics Education Research Journal*, 21(1). Art 1.
2. Kaplan, J. J. (2021). Editorial. *Statistics Education Research Journal*, 20(1). Art 1. <https://doi.org/10.52041/serj.v20i1.75>

3. Kaplan, J.J. (2020). Editorial. *Statistics Education Research Journal*, 19(3). Art 1. <https://doi.org/10.52041/serj.v19i3.57>
4. Kaplan, J.J. (2020). Editorial. *Statistics Education Research Journal*, 19(2). Art 1. <https://doi.org/10.52041/serj.v19i2.106>
5. Kaplan, J.J. (2019). Editorial. *Statistics Education Research Journal*, 18(2). Art 1. <https://doi.org/10.52041/serj.v18i2.135>
6. Kaplan, J.J. (2019). Editorial. *Statistics Education Research Journal*, 18(1). Art 1. <https://doi.org/10.52041/serj.v18i1>
7. Kaplan, J.J. and Pfannkuch, M. (2018) Editorial. *Statistics Education Research Journal*, 17(2). Art 1. <https://doi.org/10.52041/serj.v17i2.155>

PRESENTATIONS (PRESENTING AUTHOR ONLY)

INVITED TALKS

1. Demystifying the Publishing Process for Statistics Education Journals, *2023 U.S. Conference on Teaching Statistics* (with Laura Le, Matt Hayat, Rob Gould, Jennifer Green, and Susan Peters), State College, PA June 2023
2. Publishing in SERJ: Processes and Suggestions. *International Association for Statistics Education (IASE) Webinar Series* (with Susan Peters), Virtual April 2023
3. Confidence means what?!?!? Lexical ambiguity in the interpretation of confidence intervals. *11th International Conference on Teaching Statistics* (with Kristen Roland), Virtual September 2022
4. Panel Discussion on Publishing in SERJ, *World Statistical Congress of the International Statistical Association* (with Daniel Frishemeier, Aisling Leavy, and Douglas Whitaker), Virtual July 2021
5. Using Computer-Automated Analysis of Student Written Responses to Capture Insight into Student Thinking. *Tennessee STEM Education Research Conference*, Cookeville, TN January 2020
6. Zebras vs. Hats: Exploiting Lexical Ambiguity Associated with the Word Random. *Tennessee STEM Education Research Conference*, Cookeville, TN January 2020
7. Is Statistics just Math? The Developing Epistemological Views of Graduate Teaching Assistants. Contributed Report. *The 22nd Annual Conference on Research on Undergraduate Mathematics Education, MAA SIGMAA on RUME*, Oklahoma City, OK February 2019
8. Fostering Active Learning in STEM through Professional Development of Graduate Teaching Assistants, Ideation/Innovation Session, *2018 Conference on Transforming STEM Higher Education, Association of American Colleges & Universities* November 2018
9. HILT Activities: High Impact on Student Learning, Little Time in Class to Implement, Webinar, *American Mathematical Association of Two-Year Colleges (AMATYC)* June 2018
10. Training Statisticians to be Effective Instructors. Invited Panel, *Joint Statistical Meetings*, Baltimore, MD July 2017
11. HILT Activities: High Impact on Student Learning, Little Time in Class to Implement. Breakout Session, *U.S. Conference on Teaching Statistics* (with Neal Rogness). State College, PA May 2017
12. Using Formative Assessment to Improve Student Learning in Large Enrollment Classes. Breakout Session, *U.S. Conference on Teaching Statistics* (with Amy Froelich and Alexander Lyford). State College, PA May 2017

13. Fostering Active Learning in Statistics: Research on Students and Graduate Teaching Assistants. *Joint Mathematics Meetings*, Atlanta, GA January 2017
14. Using a Faculty Learning Community to Develop High-Impact, Little-Time Activities to Help Students Better Understand the Meaning of *Parameter*, Webinar, *Consortium for the Advancement of Undergraduate Statistics Education (CAUSE)* (with Neal Rogness).
September 2016
15. Fostering Active Learning in Statistics: Initial Findings about Graduate Teaching Assistants' Training Needs. *AAAS/NSF Envisioning the Future of Undergraduate STEM Education: Research and Practice*, Washington, D.C. April 27 – 29, 2016
16. Clickers, simulations, and conceptual understanding of statistical inference. *The 9th International Conference on Teaching Statistics (ICOTS-9)*. Flagstaff, AZ, July, 2014.
17. A statistician and a statistics educator discuss the lessons learned from cross disciplinary sojourns. *59th World Statistics Congress*. Hong Kong August 2013
18. Learning to teach and assess statistics at the tertiary level. Discussant. *59th World Statistics Congress*. Hong Kong August 2013
19. K-12 Teacher Preparation in Statistics: It Is No Longer Optional but Essential. Breakout Session, *U.S. Conference on Teaching Statistics* (with Anna Bargagliotti, Christine A. Franklin, Tim Jacobbe, and Randall Groth). Cary, NC May 2013
20. Assessing Student Writing in Statistics. *Joint Statistical Meetings*. San Diego, CA
August 2012
21. Simulation Activities for Large Classes: Using Clickers to Collect Data. Webinar. *Consortium for the Advancement of Undergraduate Statistics Education (CAUSE)*
April 2012
22. Simulations, Clickers and Conceptual Understanding of Statistical Inference. *The Annual Conference of the Mathematical Association of America – Southeastern Section (MAA-SE)*
March 2012
23. How Clickers Can Facilitate the Use of Simulations in Large Lecture Classes. Webinar, *i>clicker, Macmillan New Ventures*. February 2012
24. Helping Students Understand the Meaning of Random: Addressing Lexical Ambiguity. Webinar, *Consortium for the Advancement of Undergraduate Statistics Education (CAUSE)*. (with Diane Fisher and Neal Rogness) August 2010
25. Post secondary and adult statistical literacy: Assessing beyond the classroom. *The 8th International Conference on Teaching Statistics (ICOTS-8)*. Ljubljana, Slovenia July 2010
26. Letting Go of Assumptions About How Students Understand Statistical Language. Breakout Session, *United States Conference on Teaching Statistics (USCOTS) 2009*. (with Diane Fisher and Neal Rogness). Columbus, OH June 2009
27. Promoting active learning in introduction to statistics using personal response systems (clickers). Webinar, *Consortium for the Advancement of Undergraduate Statistics Education (CAUSE)*. March 2009
28. Lesson Study in Undergraduate Calculus: What Can We Learn About Teachers and Teaching from Lesson Study? *2009 Conference on Research in Undergraduate Mathematics Education*. (with Ed Corcoran and Kim Cervello). Raleigh, NC February 2009
29. Lesson Study in Undergraduate Calculus: What Can We Learn about Mathematical and Classroom Discourse from Lesson Study? *2009 Conference on Research in Undergraduate Mathematics Education*. (with Sam Otten, Junguen Park and Aaron Mosier). Raleigh, NC
February 2009

30. Personal Response Systems in Statistics: Using clickers to foster active learning and address student understanding of statistical inference. *The Inaugural Conference on Classroom Response Systems: Innovations and Best Practices*. University of Louisville, Louisville, KY
November 2008
31. The Assessment of Quantitative Literacy at a Large Public Institution. *2008 Conference on Research in Undergraduate Mathematics Education*. (with Nicole Johnson). San Diego, CA
February 2008

CONTRIBUTED TALKS

1. Presentation on Publishing in Statistics Education Research Journal (SERJ). Statistics Education Research: Opportunities for Dissemination. Topic Contributed Panel, *Joint Statistical Meetings*, Virtual August 2020
2. Improving Capacity and Quality of Undergraduate Statistics Instruction through Research-Based TA Training Experiences. *Tenth International Conference on Teaching Statistics (ICOTS-10)*. IASE, Kyoto, Japan July 2018
3. Training Statisticians to Be Effective Instructors. P.M. Roundtable discussion leader. *Joint Statistical Meetings*, Chicago, IL August 2016
4. Everyone knows what a histogram is, or do they?: How non-statisticians read histograms, Topic Contributed Paper, *Joint Statistical Meetings*, Boston, MA August 2014
5. Growing the Field of Statistics Education. P.M. Roundtable discussion leader. *Joint Statistical Meetings*, San Diego, CA August 2012
6. Clickers in Statistics Classes: Connecting Research and Practice, Topic Contributed Panel, *Joint Statistical Meetings* (organizer and panelist) Miami Beach, FL August 2011
7. Zebras vs. Hats: Exploiting the Lexical Ambiguity of the Word Random, Contributed Poster, *Joint Statistical Meetings*, Miami Beach, FL August 2011
8. Challenges in Large Sections: GAISE-ing Toward Solutions, Contributed Panel, *Joint Statistical Meetings* (panelist), Vancouver, BC August 2010
9. Addressing the Lexical Ambiguity Associated with the Word Random in Introductory Statistics Classes, Contributed Talk, *Joint Statistical Meetings*, Vancouver, BC August 2010
10. What Do Students Hear When We Say 'Random?': Empirical Results from a Study of Lexical Ambiguity. Contributed Paper, *2009 Joint Statistical Meetings*. Washington, DC August 2009
11. Collaborative Projects in Statistics Education Research. *2008 Joint Statistical Meetings*. (with Robert delMas, Sterling Hilton, Tisha Hooks, Leigh Harrell, Diane Fisher). Denver CO August 2008
12. Advancing the assessment of quantitative and scientific reasoning: First-year results. *2008 International Assessment and Retention Conference*. (with Donna Sundre, Amy Thelk, Glenn Wehner, Emmet Ridley), Scottsdale, AZ June 2008

COLLOQUIA AND SEMINARS

1. Promoting Instructional Change through Professional Development of Undergraduate Instructors, Colloquium, Program in Mathematics and Science Education, Middle Tennessee State University November 2018
2. Fostering Active Learning in the Classroom: Lessons Learned about the Training of Graduate Teaching Assistants, Colloquium, Department of Mathematics and Statistics, Bowling Green State University October 2017

3. Fostering Active Learning in the Classroom: Lessons Learned about the Training of Graduate Teaching Assistants, Colloquium, Department of Mathematics, University of Tennessee – Knoxville March 2017
4. Promoting Instructional Change through Professional Development of Undergraduate Instructors, Colloquium, Department of Statistics and Probability, Michigan State University October 2016
5. Everyone Knows What a Histogram Is: Or Do They?. Seminar, Department of Statistics, University of Auckland, New Zealand May 2015
6. Lexical Ambiguity in Statistics: The Cases of Random and Spread. Colloquium, Department of Statistics, Iowa State University March 2011
Department of Statistics, University of Georgia February 2011
Department of Statistics and Probability, Michigan State University October 2010
7. Lexical Ambiguity in Statistics: How I learned to love random zebras, Colloquium, Department of Mathematics and Statistics, University of New Hampshire February 2011
8. Lesson Study in calculus: What we learned about teaching and learning. Seminar on Teaching Mathematics, Department of Mathematics, University of Michigan December 2009
9. What do students hear in statistics classes?: Results for a study of lexical ambiguity. Faculty Research Colloquium, College of Liberal Arts and Sciences, Grand Valley State University. (with Neal Rogness and Diane Fisher) October 2009
10. What do students hear in statistics classes?: Results for a study of lexical ambiguity. Seminar Talk, Department of Statistics, Grand Valley State University. (with Neal Rogness and Diane Fisher) October 2009
11. What do students hear when we say 'random' and 'association'?: Empirical results from a study of lexical ambiguity. Seminar Speaker: Center for Research in College Science Teaching and Learning (CRCSTL), Michigan State University. (with Neal Rogness and Diane Fisher) September 2009
12. Clickers: Not just for assessment anymore. Seminar Speaker: "Explorations in Instructional Technology" Michigan State University, College of Natural Science, and Libraries, Computing, and Technology February 2009
13. Lesson Study in undergraduate calculus: What can we learn about teaching and learning from Lesson Study? Colloquium, Division of Science and Mathematics Education, Michigan State University. (with Ed Corcoran Kim Cervello, Sam Otten, Junguen Park and Aaron Mosier) January 2009
14. The psychology of STT 200. Colloquium speaker. Department of Statistics and Probability, Michigan State University November 2007

AWARDS AND SCHOLARSHIPS

2017 Oak Ridge University Association (ORUA) Travel Grant

2015 ASA Jackie Dietz Best JSE Paper Award Recipient

Excellence Award for best refereed paper by an early career author at The 8th International Conference on Teaching Statistics: Highly Commended

University of Texas at Austin, Department of Mathematics, Undergraduate Teaching Excellence Award

Commonwealth of Massachusetts, Paul Douglas Teaching Scholarship

General Electric Corporation, Teaching Scholarship

PH.D. STUDENTS (AS MAJOR PROFESSOR)

1. Nicolas Waynick, Ph.D. Program in Mathematics and Science Education (Interdisciplinary Sciences Education Concentration), MTSU: Dissertation Advisor 2022 –
2. Candice Quinn, Ph.D. Program in Mathematics and Science Education (Interdisciplinary Sciences Education Concentration), MTSU: Dissertation Advisor 2020 – 2021
3. Kristen E. Roland, Department of Mathematics and Science Education, UGA: Dissertation Advisor 2018 – 2020
4. Oguz Koklu, Department of Mathematics and Science Education, UGA: Dissertation Advisor 2014 – 2017
5. Alexander James Lyford, Department of Statistics, UGA: Dissertation Advisor 2013 – 2017
6. R. Adam Molnar, Department of Mathematics and Science Education, UGA: Dissertation Advisor 2012 – 2015

PH.D. STUDENTS (OTHER COMMITTEE SERVICE)

1. Lori Klukowski, Ph.D. Program in Mathematics and Science Education (Interdisciplinary Sciences Education Concentration), MTSU: Dissertation Committee Member 2023 –
2. Sarvani Mallapragada, Ph.D. Program in Mathematics and Science Education (Interdisciplinary Sciences Education Concentration), MTSU: First-year Faculty Mentor 2022 – 2023
3. Jennifer Webster, Ph.D. Program in Mathematics and Science Education (Mathematics Education Concentration), MTSU: Dissertation Committee Member 2020 – 2022
4. Zhigang Jia, Ph.D. Program in Mathematics and Science Education (Interdisciplinary Sciences Education Concentration), MTSU: Dissertation Committee Member 2019 – 2021
5. Kelly P. Findley, School of Teacher Education, FSU: Dissertation Committee Member 2017 – 2019
6. Lechuan Huang, Department of Career and Information Studies, UGA: Dissertation committee member 2017 – 2018
7. Sheri Johnson, Department of Mathematics and Science Education, UGA: Dissertation committee member 2017 – 2019
8. Dongjo Shin, Department of Mathematics and Science Education, UGA: Dissertation committee member 2017 – 2018
9. Jeremy Kyle Jennings, Quantitative Methodology Program, Department of Educational Psychology, UGA: Dissertation committee member 2014 – 2017
10. Kwame Nti, Department of Career and Information Studies, UGA: Dissertation committee member 2015 – 2016
11. Oh Hoon Kwon, Department of Mathematics, MSU: Dissertation committee member 2009 – 2012
12. Iriñi Papaiero, Division of Science and Mathematics Education, MSU: Dissertation committee member 2008 – 2012
13. Marie Turini, Department of Teacher Education, MSU: Dissertation committee member 2007 – 2011
14. Aaron Mosier, Division of Science and Mathematics Education, MSU: Guidance and practicum committee member 2007 – 2011
15. Ed Corcoran, Division of Science and Mathematics Education, MSU: Guidance committee member 2008 – 2011
16. Adrienne Hu, Division of Science and Mathematics Education, MSU: First year advisor 2010 – 2011

M.S. STUDENTS

1. Beatrice Zhang, Department of Statistics, UGA: Thesis Advisor 2014 – 2018
2. Krista Varanyak, Department of Statistics, UGA: Thesis Advisor 2015 – 2017
3. Barbara Dolansky, Department of Statistics, UGA: Thesis Advisor 2014 – 2017
4. Jeremy Kyle Jennings, Department of Statistics, UGA: Thesis Advisor 2013 – 2014
5. Allison Moore, Department of Statistics, UGA: Thesis Advisor 2103 – 2014
6. Elizabeth Amick, Department of Statistics, UGA: Thesis Advisor 2012 – 2013
7. Kristi Clark, Department of Statistics, UGA: Thesis Advisor 2012 – 2013
8. Gregory Jensen, Department of Statistics, UGA: Thesis Advisor 2012 – 2013

MIDDLE TENNESSEE STATE UNIVERSITY SERVICE

- College of Basic and Applied Sciences, College Strategic Planning Committee, Chair 2023 –
- Department of Chemistry, Chemistry Education Tenure Track Search Committee 2021 – 2022
- Tennessee STEM Education Center, Mentor for Faculty Member Elizabeth Dyer 2020 – 2021
- Department of Mathematical Sciences, Ad Hoc Committee on Remote Teaching 2020
- Department of Biology, Biology Education Tenure Track Search Committee 2019 – 2020
- Tennessee STEM Education Center, Post-Doctoral Researcher Search Committee 2019 – 2020
- Tennessee STEM Education Center, Associate Director Search Committee 2019

UNIVERSITY OF GEORGIA SERVICE

- Scientists Engaged in Educational Research (SEER) center, Executive Committee Member 2016 – 2019
- Department of Statistics, Computing Committee Chair 2018 – 2019
- Department of Statistics, PHI Lecturer Search Committee 2018 – 2019
- Department of Statistics, Mentoring Committee Chair: Mickey Dunlap 2017 – 2019
- Department of Statistics, Graduate Program Committee, 2013 – 2014, 2018 – 2019
- Department of Mathematics, External Member Tenure Track Search Committee 2017 – 2018
- Department of Statistics, Data Analysis Qualifying Exam Committee 2014 – 2016, 2017 - 2018
- Department of Statistics, STAT 2000 Committee 2011 – 2015, 2016 – 2018
- Department of Statistics, Personnel Committee Member, 2015 – 2016, Chair, 2016 – 2017
- Department of Statistics, Learning Outcomes Assessment Committee, Member, 2013 – 2015
Chair, 2015 – 2016
- Department of Statistics, Mentoring Committee: Jack Morse, STAT 2000 coordinator 2012 – 2015
- Department of Statistics, Ad Hoc Committee on Graduate Issues 2014 – 2015
- Department of Statistics, Lecturer Search Committee 2014
- Department of Statistics, Undergraduate Program Committee 2012 – 2013
- Department of Statistics, Academic Professional Search Committee 2011 – 2012

MICHIGAN STATE UNIVERSITY SERVICE

- Michigan State University, Faculty Advisory Committee to the ADVANCE grant 2011
- Division of Science and Mathematics Education Course and Curriculum Development
Committee 2008 – 2011 (Chair: 2010 – 2011)
- Statistics and Probability Service Course Committee 2007–11
- Statistics and Probability Katz Library Committee 2007–08
- Statistics and Probability Quantitative Literacy Search Committee 2008

Secretary of the STT Advisory Committee 2007–2008
 Division of Science and Mathematics Education Curriculum and Scheduling Committee 2007
 Division of Science and Mathematics Education SME 954 Course Development Committee
 2007
 Division of Science and Mathematics Education Integrated Major in Mathematical Sciences
 Committee, 2007
 Division of Science and Mathematics Education Supervisor for TAs of MTH 202 “Geometry
 content course for elementary education majors,” Spring 2007
 Statistics and Probability Teaching Specialist Search Committee 2006–2007
 Quantitative Literacy Task Force, Committee Member 2006–2011

EXTERNAL PROFESSIONAL SERVICE

Editor of Regular Papers, Statistics Education Research Journal January 2018 – December 2022
 Associate Editor, Statistics Education Research Journal September 2014 – December 2017
 Associate Editor, Journal of Statistics Education January 2010 – present
 Publications Officer (elected position), Section on Statistical Education, American Statistical
 Association 2014 – 2016
 Program Committee Member, electronic Conference on Teaching Statistics (eCOTS)
 May 2015 – May 2016
 Associate Editor, Special Edition of Technology Innovations in Statistics Education (TISE) for
 papers presented at the International Association for Statistics Education (IASE) Roundtable
 on Technology.
 Strand Leader, 37th Annual Conference of the North American Chapter of the International
 Group for the Psychology of Mathematics Education (PME-NA 2015)
 January 2015 – November 2015
 Panel Reviewer for the National Science Foundation (NSF)
 External Evaluator
 MATH: EAGER: Collaborative Research: SMILES (Student-Made Interactive Learning with
 Educational Songs) for Introductory Statistics: NSF DUE EAGER Award 1544243,
 September 2015 – November 2020
 Collaborative Research: Project UPLIFT (Universal Portability of Learning Increased by Fun
 Teaching): NSF DUE S-STEM/TUES Type I Award 1140592, August 2012 – July 2015
 Invited Session Organizer, 9th International Conference on Teaching Statistics (ICOTS-9)
 December 2012 – July 2014
 Invited Session Organizer, Joint Statistical Meetings, American Statistical Association Section
 on Statistics Education 2013
 Session Organizer, Annual Conference of the Mathematical Association of America –
 Southeastern Section March 2012
 Session Chair, Joint Statistical Meetings, American Statistical Association Section on Statistics
 Education, August 2009, 2010, 2011
 Served as a referee for journals including:
 The American Statistician (TAS)
 CBE – Life Sciences Education: <http://www.lifescied.org/>
 INFORMS Transactions on Education (ITE): <http://ite.pubs.informs.org/index.php>
 The International Journal of STEM Education: <http://www.stemeducationjournal.com/>

Journal of Mathematical Behavior (JMB): <https://www.journals.elsevier.com/the-journal-of-mathematical-behavior>

Journal for Research in Mathematics Education (JRME):
<http://www.nctm.org/publications/jrme.aspx>

Journal of Engineering Education (JEE): <http://www.jee.org/>

Journal of Statistics Education (JSE): <http://www.amstat.org/publications/jse>

Journal of Research on Educational Effectiveness:
<http://www.tandfonline.com/toc/uree20/current>

Mathematical Thinking and Learning (MTL):
<https://www.tandfonline.com/toc/hmtl20/current>

PLOS-One (<http://journals.plos.org/plosone/>)

Statistics Education Research Journal (SERJ): <http://iase-web.org/Publications.php?p=SERJ>

Technology Innovations in Statistics Education (TISE):
<http://repositories.cdlib.org/uclastat/cts/tise/>

Served as a referee for conferences including:

The International Conference on Teaching Statistics

The Conference on Research in Undergraduate Statistics Education

Jury Chair: International Statistical Literacy Project (ISLP) Poster Competition 2016 – 2017

Served as a judge for national competitions including:

2008 and 2010 American Statistical Association (ASA) National K-12 Poster Competition

2009 American Statistical Association (ASA) Michigan K-12 Poster Competition

2007, 2009 and 2011 Undergraduate Statistics Project Competition (USPROC), National
Competition for Undergraduates in Statistics, sponsored by the Consortium for the
Advancement of Undergraduate Statistics Education (CAUSE)

PUBLIC AND COMMUNITY SERVICE

AP Statistics Reader, Educational Testing Service

June 2008, 2009, 2011 - 2014, 2015, 2016, 2018 - 2021

Reader and Chief Reader AP Statistics Mock Exam, North Georgia Regional Educational

Service Agency

May 2014, 2015, 2017, 2018

AP Statistics Test Development Committee,

November 2010 – June 2015

Community-Based Mentor, Big Brothers/Big Sisters, Lansing, MI

2008 – 2011

Construction Volunteer, Habitat for Humanity, Austin, TX,

2000 – 2006

PROFESSIONAL AFFILIATIONS

American Statistical Association

International Association for Statistics Education

Mathematical Association of America

Association for Women in Mathematics

UNIVERSITY COURSES TAUGHT

MIDDLE TENNESSEE STATE UNIVERSITY, 2019 –

1. Residency Seminar in Mathematics and Science Education I & II: course for first year Ph.D. students in Mathematics and Science Education designed to immerse doctoral students in a scholarly community that will promote a culture of academic scholarship
2. Research Seminar in Mathematics and Science Education: course in which Ph.D. students engage in scholarly discourse and writing through interactions with researchers
3. Knowledge for Teaching in Mathematics and Science Education: course designed to provide an overview of the theory, research, and practice related to mathematics and science teacher education.
4. Applied Statistical Methods: graduate level statistics course for students in the Data Science MS degree program and other CBAS graduate programs designed to teach foundations of statistics concepts and analysis of the first two semesters of a typical statistics course sequence and programming in R.
5. Applied Statistics: undergraduate service course

UNIVERSITY OF GEORGIA, 2011 – 2019

1. Graduate Assistant Teaching in Statistics: course to prepare graduate students in statistics for teaching and grading duties
2. Statistical Methods for Researchers: one-semester graduate level service course for researchers in sciences and engineering including two-way ANOVA with interactions and multiple regression with model selection
3. Introduction to Statistical Methods II: second-semester graduate level service course emphasizing applications in social and behavioral sciences, including multiple and logistic regression, ANOVA and ANCOVA, and non-parametric methods.
4. Introductory Statistics/Honors Introductory Statistics: undergraduate service course
5. Statistics for Teachers: combined undergraduate and masters' level second course in statistics for pre-service and in-service high school mathematics teachers

MICHIGAN STATE UNIVERSITY, 2006–2011

1. Design and Methods in Mathematics Education Research: graduate course for second year mathematics education Ph.D. students
2. Teaching College Mathematics: graduate course for mathematics education Ph.D. students
3. Statistical Methods: undergraduate service course
4. Data, Statistics and Probability for Pre-service K-8 teachers: undergraduate content course for elementary education majors
5. Special Problems for K – 8 Teachers: Data Analysis and Probability: masters level content course for in-service teachers

UNIVERSITY OF TEXAS AT AUSTIN, 1999–2005

1. Introductory Statistical Methods: undergraduate service course
2. Foundations of Arithmetic: undergraduate content course for elementary education majors
3. Foundations of Geometry, Probability and Statistics: undergraduate content for elementary education majors

WORKSHOPS LED

Adapting and Adopting High Impact, Little Time (HILT) Activities to Clarify the Meanings of Key Words Used in Statistics: Co-organized and led 2-hour workshop for attendees of the Electronic Conference on Teaching Statistics (eCOTS), May 2018

Training Statistics TAs to Teach for Conceptual Understanding and Foster Active Learning: Co-organized and led 3-hour workshop for attendees of the U.S. Conference on Teaching Statistics (USCOTS) in State College, PA. May 2017

Adapting and Adopting High Impact, Little Time (HILT) Activities to Clarify the Meanings of Key Words Used in Statistics: Co-organized and led 3-hour workshop for attendees of the U.S. Conference on Teaching Statistics (USCOTS) in State College, PA. May 2017

Use of active learning techniques, manipulatives, and applets to help students develop conceptual understanding in statistics: Co-organized and led a 90-minute workshop for mathematics and science faculty and graduate students at the University of Tennessee – Knoxville. March 2017

HILT-LAS Project Faculty Workshop (year 2): Co-organized and led a two-day workshop in which faculty created activities and student-level results based on the use of the activities that address lexical ambiguity in statistics were presented to a group of faculty-collaborators at Grand Valley State University as part NSF-DUE 1504013. July 2016

HILT-LAS Project Faculty Workshop (year 1): Co-organized and led a one-day workshop on creating activities that address lexical ambiguity in statistics for a group of faculty-collaborators at Grand Valley State University as part NSF-DUE 1504013. July 2015

Advanced Placement (AP) Statistics Faculty Colloquium: Organized and facilitated a 2-day workshop designed to increase 50 faculty participants' awareness of the AP Statistics Course & Exam and opportunities for post-secondary faculty involvement in the AP Program, elicit feedback from participants about course and exam alignment with colleges and universities and identify opportunities for collaboration between higher education and secondary schools. March 2013

Helping Statistics Students Develop Understanding and Communication about Statistical Inference: Morning Short Course for Advanced Placement (AP) statistics teachers and university instructors of introduction to statistics courses. Presentor. Annual Conference of the Mathematical Association of America – Southeastern Section (MAA-SE). March 9, 2012

Best Uses of i>clicker in the Classroom: On-site training session for faculty at Florida International University. Part of i>clicker day sponsored by *i>clicker, MacMillan New Ventures*, Miami, FL. April, 2, 2102

American Statistical Association LearnSTAT program – Co-leader of half-day workshop entitled: Teaching College-Level Statistics Using the GAISE Guidelines. Pre-session workshop for the Joint Mathematical Meetings, San Antonio, TX. January 2006

Andean Association of International Baccalaureate Schools: Organized and led two-day bilingual workshop for math teachers on the implementation of the International Baccalaureate mathematical studies syllabus in Venezuelan schools. Caracas, VE. September 1998

INVOLVEMENT IN CONFERENCES, WORKSHOPS AND COLLABORATIONS

Working Group on Research on College Mathematics Instructor Professional Growth: Active member of the sub-group of the Special Interest Group on Research in Undergraduate Mathematics Education of the Mathematical Association of America (SIGMAA – RUME). 2014 – present

Galvanizing Interdisciplinary STEM in Tennessee (GIST) Action Workshop: attended 3-day workshop designed to exchange ideas and develop actionable goals to improve the landscape of STEM learning in higher education in Tennessee. Funded by the Tennessee STEM Innovation Network and Nuclear Fuel Services. June 2019

UTK CoMInDS Workshop: Attended 2-day workshop focused on professional development for graduate teaching assistants sponsored by MAA CoMInDS, with funding from NSF (grant DUE-1432381), along with the University of Tennessee, Knoxville. March 2019

Development Source (CoMInDS) Project Meeting: Attended working meetings at which participants were provided instruction on how to contribute resources to the MAA/NSF sponsored website and provided feedback to the Project Personnel about the website functionality. July 2015

A Planning Conference and Workshop on Preparing Mathematics Graduate Students for Careers Teaching and Advising Undergraduates, invited participant in two-day workshop to discuss models professional development of graduate students for teaching and provide suggestions to the National Science Foundation to promote such programs. October 2014

Workshop on Graduate Programs in Statistics Education– Invited Participant, two-day workshop on creating statistics education graduate programs. University of Minnesota. September 2012

IASE Roundtable Conference on *Technology in Statistics Education: Virtualities and Realities*. Invited Discussant. International Association for Statistics Education, Cebu City, The Philippines. July 2012

Research Retreat focused on developing a set of research priorities for undergraduate statistics education types of assessments and data needed to move these priorities forward – Invited Participant. Funded by the National Science Foundation (NSF) and held at the American Statistical Association (ASA). Alexandria, VA. June 2010

Workshop on Developing Graduate Programs in Statistics Education and Supporting Statistics Education Research faculty – Invited Participant. Funded by a membership grant from the American Statistical Association (ASA). Alexandria, VA. October 2008

Realizing the Vision: Quantitative Literacy – Active member of the research group to assess quantitative literacy at Michigan State University. Funded by Michigan State University Quality Fund. Fall 2006 – Spring 2011

CAUSEmos Research Cluster – Active member of NSF funded national mentoring program designed to encourage new researchers in statistics education. May 2007 – May 2008

The Teaching Company – Collaborated with Dr. Michael Starbird on video lecture series (24 half hour lectures) entitled: Meaning from Data: Statistics Made Clear. January – October 2005

The ARTIST Round Table Conference on Assessment in Statistics Education – Lawrence University, Appleton, WI: Invited participant. August 2004

Conference on Statistical Reasoning, Thinking and Learning (SRTL-3) – University of Nebraska, Lincoln, NE: Invited Discussant. July 2003

HIGH SCHOOL TEACHING EXPERIENCE

COLEGIO INTERNACIONAL DE CARACAS, Caracas, Venezuela
K – 12 Mathematics Department Head June 1998 – June 1999
Mathematics Teacher - Grades 9 - 12 September 1994 – June 1998

Courses Taught:

- All levels of International Baccalaureate mathematics
- Piloted Integrated Math program - second year
- Pre-calculus - IB level & College Preparatory
- Algebra 2 – Honors level
- Geometry – Honors level
- Algebra 1 - College Preparatory

Other responsibilities:

- Chaired committee to rewrite and implement 7 – 12 mathematics curriculum

ISTANBUL INTERNATIONAL COMMUNITY SCHOOL, Istanbul, Turkey
Mathematics Teacher - Grades 7 – 10 September 1992 – June 1994

Courses Taught:

- Modified ISAC Integrated Program Years One, Two and Three
- U.S. Pre-Algebra, Algebra One, Geometry

Other Responsibilities:

- Revised curriculum based on study of curricula available to international schools.
- Coached girl's basketball and MathCounts teams.

WESTON HIGH SCHOOL, Department of Mathematics, Weston, MA

Mathematics Teacher - Grades 8 – 12

September 1990 – June 1992

Courses Taught:

- Pre-calculus - Honors & College Preparatory
- Algebra 2 - College Prep & Modified
- Integrated Math Year Two - Modified
- Algebra One - College Preparatory & Modified

NEWTON NORTH HIGH SCHOOL, Department of Mathematics, Newton, MA:

Mathematics Teacher - Grades 10 – 12, Math Team Advisor

Sep 1989 - June 1990

Courses Taught:

- Trigonometry - College Preparatory
- Integrated Math Year Two - Honors and College Preparatory
- BASIC Computer language – Honors