

Victor I. Piercey

CONTACT INFORMATION

Department of Mathematics
Ferris State University
820 Campus Drive, ASC 2021
Big Rapids, MI 49307

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APPOINTMENTS

Director of General Education
Associate Professor
Assistant Professor

August, 2018 to present
July, 2015 to present
August, 2012 to July, 2015

Department of Mathematics, Ferris State University

- **Courses Taught:** Quantitative Reasoning for Professionals 1 and 2, Theory of Interest, Contemporary Mathematics, Mathematical Statistics, Advanced Calculus, Fundamentals of Algebra, Precalculus, Statistics for Life Sciences, Calculus and Analytic Geometry 1, Freshman Seminar, Reacting to the Past Honors Seminar (Trial of Galileo).
- **Courses Developed:** Quantitative Reasoning for Professionals 1 and 2, Theory of Interest, Project-based version of Contemporary Mathematics

Graduate Assistant

August, 2006 to May, 2012

Department of Mathematics, University of Arizona

- **Courses Taught:** Understanding Elementary Mathematics, Calculus I with Applications, Elements of Calculus, Preparation for Calculus, College Algebra

Adjunct Faculty

May, 2009 to May, 2012

Mathematics Division, Central Arizona College

- **Courses Taught:** Basic Arithmetic, Pre-Algebra, Introductory Algebra

Graduate Assistant

August, 2003 to May, 2006

Department of Mathematics, Michigan State University

- **Courses Taught:** College Algebra, Elementary Mathematics for Teachers 2, Calculus 2

Adjunct Faculty

August, 2005 to May, 2006

Mathematics and Computer Science Department, Lansing Community College

- **Courses Taught:** College Algebra

Attorney

September 2000 - November 2002

Weil, Gotshal & Manges LLP. New York, New York

EDUCATION

University of Arizona, Tucson, Arizona

Ph.D., Mathematics, May 2012

- Dissertation: *Resolving Collinearity among Four Points in \mathbb{P}^2*
- Adviser: Professor Yi Hu
- Area of Study: Algebraic Geometry

Michigan State University, East Lansing, Michigan

M.S., Mathematics, May, 2006

B.A., Interdisciplinary Humanities, May, 1997

- *High Honors*, Honors College
- Areas of Concentration: History, Economics, Russian

Columbia University, New York, New York

J.D., Law, May 2000

- Certificate in International and Comparative Law

SIGNIFICANT AND
REFEREED
PUBLICATIONS

Luke Tunstall, Gizem Karaali, and Victor Piercey, eds. *Shifting Contexts, Stable Core: Advancing Quantitative Literacy in Higher Education*, MAA Notes Volume 88, Mathematical Association of America: Washington, D.C. Forthcoming 2019.

Victor Piercey. *Quantitative Ethics*. In Gizem Karaali and Lily Khadjavi, eds. *Mathematics for Social Justice: Resources for the College Classroom*. Forthcoming 2019.

Sheila Tobias and Victor Piercey. *Banishing Math Anxiety, Second Edition*. Kendall-Hunt Publications, 2019.

Victor Piercey and Erin Militzer. *An Inquiry-Based Quantitative Reasoning Course for Business Students*. Problems, Resources, and Issues in Mathematics Undergraduate Studies. Vol. 27, Issue 7, 2017, pages 693-706.

Victor Piercey. *A Quantitative Reasoning Approach to Algebra Using Inquiry-Based Learning*. Numeracy. Vol. 10, Issue 2. July 2017. Article 4.

Victor Piercey and Roxanne Cullen. *Teaching Inquiry with Linked Classes and Learning Communities*. Problems, Resources, and Issues in Mathematics Undergraduate Studies. Vol. 27, Issue 1, 2017, pages 20-32.

Michelle Hine Armstrong, Victor I. Piercey, and Stephanie Green-Hunley. *A Tale of Two Stock Markets*. Mathematics Teaching in the Middle School, National Council of Teachers of Mathematics, Vol. 20, No. 9, May 2015, pgs. 522 - 530.

Scott Guth, Rob Kimball, Andrea Levy, Aaron Montgomery, Maura Mast, and Victor Piercey. *Quantitative Reasoning*. Charles A. Dana Center, New Mathways Project, Austin, TX, 2014.

Victor Piercey. *Federalism and Land Use Regulation in Russia*. The Journal of Eastern European Law, East European Law Center, Columbia University School of Law, Vol. 6, 1996, pgs. 55 - 90.

OTHER
PUBLICATIONS

Catherine Buell and Victor Piercey, *Ethics in Mathematics*. MAA Focus, Mathematics Association of America, Vol. 39, No. 1, February/March 2019, Forthcoming.

Jennifer Nordstrom and Victor Piercey, *Inviting All Students: Math for Liberal Arts Courses*. MAA Focus, Mathematics Association of America, Vol. 37, No. 1, February/March 2017, pgs. 28 - 30.

Victor Piercey, *Learning Appropriate Methods for Collecting, Analyzing, and Interpreting Numerical Information*. IDEA Notes on Learning, available [online](#)

Victor I. Piercey. *Data-Based Investigations into Police Corruption: A Case Study of Racial Profiling*. Proceedings of the All-Russian and International Conference on Dialogue for Action against Corruption Conference, Institute of Economics, Management, and Law, Kazan, Russia, November 2015, pg. 117

Sheila Tobias and Victor Piercey. *Math Anxiety and the Common Core*. Ohio Journal of School Mathematics, No. 70, Fall 2014, pgs. 4 - 5.

Victor Piercey. *Thoughts on $\sqrt{x^2 + 9}$* . Mathematics Teacher, Vol. 107, No. 9, May 2014, pages 645 - 646.

Victor Piercey. *Supporting Quantitative Literacy with Projects*. SIGMAA-QL Newsletter, MAA Special Interest Group on Quantitative Literacy, Volume 8, December 2013, pages 2 - 4.

ACADEMIC
EDITORIAL WORK

Associate Subject Editor for Foundational Courses for PRIMUS (Problems, Resources, and Issues in Mathematics Undergraduate Studies), January 2019 - present.

Guest Associate Editor (with Catherine Buell), Special Issue of PRIMUS (Problems, Resources, and Issues in Mathematics Undergraduate Studies) on Ethics in the Mathematics Classroom, October 2018 - present.

Member of Editorial Board for PRIMUS (Problems, Resources, and Issues in Mathematics Undergraduate Studies), August 2017 - present.

Reviewer for Eric Zaslow, *Quantitative Reasoning*, Cambridge University Press. August 2017.

External Review for Reappointment of Director of Quantitative Reasoning, Eugene Lang College of Liberal Arts, the New School. August 2017.

Member for Editorial Team for Special Collection on Numearcy and Social Justice in Numearcy (with Kira Hamman and Luke Tunstall), July 2017 - present.

Referee, Special Issue of PRIMUS (Problems, Resources, and Issues in Mathematics Undergraduate Studies) on Math and Social Justice, June 2017.

Lead Guest Associate Editor (with Susan Ganter, Carrie Diaz Eaton, and Stella Hoffrening), Special Issue of PRIMUS (Problems, Resources, and Issues in Mathematics Undergraduate Studies) on Interdisciplinary Conversations, January 2016 - present

Editorial Board, Mathitudes Online Journal, August 2013 - present

Reviewer for Collen Ryan and Robert Gould, *Essential Statistics: Exploring the World Through Data*, Pearson. June 2013.

Referee, Special Issue of PRIMUS (Problems, Resources, and Issues in Mathematics Undergraduate Studies) on Actuarial Science Education, April 2013 - August 2013

INVITED TALKS

Inquiry-Based Learning in Financial Mathematics for Actuarial Science Students, SIAM National Meeting, Society for Industrial and Applied Mathematics, Portland, OR, July 2018

Pedagogy of the Oppressed: Lessons for Inquiry-Based Learning, Frostburg State University, Frostburg, MD, April 2018

Quantitative Ethics for Business Students: From Perceptive Consumers to Ethical Producers, Ethics in Mathematics Conference, Centre for Mathematical Sciences, Cambridge, UK, April 2018

Tic-Tac-Toe on Orientable and Non-Orientable Surfaces: a Workshop for Mathematics Students, Illinois/Indiana/Michigan Trisection Meeting, Mathematics Association of America, Valparaiso, IN, March 2018

A Quantitative-Reasoning Approach to Algebra, Joint Mathematics Meeting, Atlanta, GA, January 2017

Workshop on Course Design with Active Learning (with Luke Tunstall), Joint Mathematics Meeting, Atlanta, GA, January 2017

SIGMAA QL Panel on Quantitative Literacy at the Post-Secondary Level: Future Directions in Research (with Semra Kilic-Bahi, Catherine Crockett, Gregory Foley, and Milo Schield), MathFest, Columbus, OH, August 2016

Data-Based Investigations into Police Corruption: A Case Study in Racial Profiling, All-Russian and International Dialogue on Action Against Corruption Conference, Kazan, Russia, November 2015

Teaching Inquiry and Autonomous Learning: Linked Math and English at Ferris State University, Institute of Economics, Management, and Law; Kazan, Russia, November 2015

Quantitative Reasoning for Professionals, Michigan Pathways Workshop, Petoskey, MI, June 2015

Reflection Session on Engaging Students, New Faculty Transition Program, Faculty Center for Teaching and Learning, Ferris State University, October 2014

Active Learning Panel Discussion, New Faculty Transition Program, Faculty Center for Teaching and Learning, Ferris State University, September 2014

Active Learning Panel Discussion, New Faculty Transition Program, Faculty Center for Teaching and Learning, Ferris State University, November 2013

Math Anxiety: From the Clinic to the Classroom (keynote, with Sheila Tobias), AMATYC National Conference, Anaheim, CA, November 2013

Success in Mathematics Workshop (with Sheila Tobias), Montana Tech of the University of Montana, Butte, MT, August 2013

The Road to Math Mental Health: What Can Educators Do? (with Sheila Tobias), Baton Rouge Community College, Developmental Education Symposium, Baton Rouge, LA, April 2013

CONTRIBUTED
TALKS

Role-Playing Simulations in an Inquiry-Based Quantitative Reasoning Course, Joint Mathematics Meeting, Baltimore, MD, January 2019.

Improving Mathematical Connections for Majors and Non-Majors through Interdisciplinary Partnerships (with Catherine Maher-Boulis and Mike May), Transforming STEM Higher Education Conference, Association of American Colleges and Universities, Atlanta, GA, November 2018.

Collaborating with Partner Disciplines to Develop Interdisciplinary Teaching Materials, MathFest, Mathematical Association of America, Denver, CO, August 2018.

Bringing Authentic Modeling to College Algebra and Calculus through Collaboration with Partner Disciplines, SIAM National Meeting, Society for Industrial and Applied Mathematics, Portland, OR, July 2018.

Fry Efficiency: An Inquiry-Based Introduction to Algebraic Formulas, National Inquiry-Based Learning and Teaching Conference, Initiative for Mathematics Learning by Inquiry and Special Interest Group of the Mathematics Association of America on Inquiry-Based Learning, Austin, TX, May 2018.

The New Jim Crow: Using Social Justice to Teach Quantitative Literacy, Illinois/Indiana/Michigan Trisection Meeting, Mathematics Association of America, Valparaiso, IN, March 2018

Applying the Curriculum Foundations Recommendations to Mathematics for Business, Nursing, and Social Work, Joint Mathematics Meeting, San Diego, CA, January 2018

Pedagogy of the Oppressed: Lessons for Inquiry-Based Learning in Mathematics, MathFest, Chicago, IL, July 2017

Quantitative Ethics: The Other Side of Math and Social Justice, Joint Mathematics Meeting, Atlanta, GA, January 2017

The Unexpected Partnership between Math and English (with Anil Venkatesh, Erin Miltzer, Roxanne Cullen, Dierdre Fagan, and Melissa Smith), MichMATYC Annual Meeting, Delta College, October 2016

The "Force" of Interest, MathFest, Columbus, OH, August 2016

Integrating Technology with Inquiry-Based Learning in Quantitative Reasoning, Scholarship of Teaching and Learning Conference, Finlay, OH, May 2016

An Unlikely Adventure: Linked Math and English (with Roxanne Cullen), Michigan Section of the Mathematics Association of America, Hillsdale, MI, April 2016

Using Games to Teach Freshmen to Handle Mathematical and Professional Complications (with Andrew Peterson), Joint Mathematics Meeting, Seattle, WA, January 2016

Assessment Studies of an Experimental Mathematics Sequence (poster), Joint Mathematics Meeting, Seattle, WA, January 2016

Teaching Inquiry with Linked Classes: Developing Community and Autonomous Learning (with Roxanne Cullen), Lilly Conference on College and University Teaching and Learning, Traverse City, MI, October 2015

What Evidence Do You Have? Data-Based Investigations into Contemporary Race Relations, MathFest, Washington DC, August 2015

Linked Math and English in an Active Learning Classroom, MathFest, Washington DC, August 2015

Curricular Innovation and the Scholarship of Teaching and Learning, Scholarship of Teaching and Learning Conference, Finlay, OH, May 2015

Affective Implications of Curriculum and Instruction Choices, Michigan Section of the Mathematics Association of America, Holland, MI, April 2015

Using Linked Courses and Classroom Configurations to Teach Mathematical Inquiry to Freshmen Business Students, Joint Mathematics Meeting, San Antonio, TX, January 2015

Inquiry-Based Learning in a Quantitative Reasoning Course for Business Students, Joint Mathematics Meeting, San Antonio, TX, January 2015

Quantitative Ethics: What Is It and Why Is It Important?, Joint Mathematics Meeting, San Antonio, TX, January 2015

An Inquiry-Based Approach to Using and Manipulating Formulas, Joint Mathematics Meeting, San Antonio, TX, January 2015

Diversity in Perspectives on Mathematics (banner, with Erin Militzer), BEYOND Diversity Five-Star Event, Ferris State University, October 2014

A Partnership for Creating a Quantitative Reasoning Materials Database, MichMATYC Annual Meeting, Benton Harbor, MI, October 2014.

A Project-Based General Education Math Course, MathFest, Portland, OR, August 2014

Quantitative Reasoning for Business: An Inquiry-Based Approach, MathFest, Portland, OR, August 2014

Affective Implications of Inquiry-Based and Project-Based Learning in General Education (poster), MathFest, Portland, OR, August 2014

Revising Inquiry-Based Learning Materials, Legacy of R.L. Moore Conference, Denver, CO, June 2014

Supporting Quantitative Literacy with Service Learning, Joint Mathematics Meeting, Baltimore, MD, January 2014

Assessment in a Quantitative Reasoning Course for Business Students, Joint Mathematics Meeting, Baltimore, MD, January 2014

Alternative Assessment with Projects for Quantitative Literacy, Joint Mathematics Meeting, Baltimore, MD, January 2014

Quantitative Reasoning for Business: An Inquiry-Based Approach (poster), Joint Mathematics Meeting, Baltimore, MD, January 2014

Using Projects to Support Quantitative Literacy, MathFest, Hartford, CT, August 2013

The Gini Coefficient: A High School Precalculus Project, MathFest, Hartford, CT, August 2013

Building Intuition in Precalculus, Ferris State University Mathematics Colloquium, Big Rapids, MI, February 2013

Inquiry-Based Learning in Developmental Mathematics, Joint Mathematics Meeting, San Diego, CA, January 2013

CONFERENCES
AND
PROFESSIONAL
DEVELOPMENT

Joint Mathematics Meeting, American Mathematical Society and Mathematics Association of America, Baltimore, MD, Jan. 2019

Transforming STEM Higher Education, Association of American Colleges and Universities, Atlanta, GA, Nov. 2018

AGLS Annual Meeting, Association for General and Liberal Studies, Pittsburgh, PA, Sept. 2018

MathFest, Mathematics Association of America, Denver, CO, Aug. 2018

SIAM National Meeting, Society for Industrial and Applied Mathematics, Portland, OR, July 2018

National Inquiry-Based Learning and Teaching Conference, Initiative for Mathematics Learning by Inquiry and Special Interest Group of the Mathematics Association of America on Inquiry-Based Learning, Austin, TX, May 2018

Ethics in Mathematics Conference, Centre for Mathematical Sciences, Cambridge University, Cambridge, UK, April 2018

Illinois/Indiana/Michigan Trisection Meeting, Mathematics Association of America, Valparaiso, IN, March 2018

Joint Mathematics Meeting, American Mathematical Society and Mathematics Association of America, San Diego, CA, Jan. 2018

National Numeracy Network Annual Meeting, New York, NY, Nov. 2017

MathFest, Mathematics Association of America, Chicago, IL, July 2017

Lilly Institute on Faculty Learning Communities, Traverse City, MI, July 2017

Joint Mathematics Meeting, American Mathematical Society and Mathematics Association of America, Atlanta, GA, Jan. 2017

MichMATYC Annual Meeting, Michigan Mathematics Association of Two-Year Colleges, Delta College, Oct. 2016

MathFest, Mathematics Association of America, Columbus, OH, August 2016

Inquiry-Based Learning Forum and 19th Annual Legacy of R.L. Moore Conference, Columbus, OH, August 2016

Creating a Purposeful Student Learning Experience, Mathematics Association of America Minicourse, Columbus, OH, August 2016

Reacting to the Past Game Development Conference, Reacting to the Past Consortium, Central Michigan University, July 2016

Institute on General Education and Assessment, Association of American Colleges and University, Boston, MA, June 2016

Scholarship of Teaching and Learning Conference, Finlay, OH, May 2016

Michigan Section Meeting, Mathematics Association of America, Hillsdale, MI, April 2016

Joint Mathematics Meeting, American Mathematical Society and Mathematics Association of America, Seattle, WA, Jan. 2016

All-Russian International Dialogue on Action Against Corruption Conference, Kazan, Russia, November 2015

Lilly Conference on College and University Teaching and Learning, Traverse City, MI, October 2015

MathFest, Mathematics Association of America, Washington, DC, August 2015

Legacy of RL Moore and Inquiry-Based Learning Conference (co-organizer), Educational Advancement Foundation, Austin, TX, June 2015

Michigan Pathways Workshop, Charles A. Dana Center, Petoskey, MI, June 2015

Civic Learning and Democratic Engagement Conference, National Association of Student Personnel Administrators, New Orleans, LA, June 2015

Scholarship of Teaching and Learning Conference, Finlay, OH, May 2015

Michigan Section Meeting, Mathematics Association of America, Holland, MI, April 2015

Game-Based Learning Workshop, Institute of Play, Central Michigan University, Mount Pleasant, MI, Jan. 2015

Joint Mathematics Meeting, American Mathematical Society and Mathematics Association of America, San Antonio, TX, Jan. 2015

MichMATYC Annual Meeting, Michigan Mathematics Association of Two Year Colleges, Benton Harbor, MI, Oct. 2014

Student Success Summit, Michigan Student Success Network, East Lansing, MI, September 2014

MathFest, Mathematics Association of America, Portland, OR, August 2014

Legacy of R.L. Moore Conference, Academy of Inquiry-Based Learning, Denver, CO, June 2014

Joint Mathematics Meeting, American Mathematical Society and Mathematics Association of America, Baltimore, MD, Jan. 2014

AMATYC National Conference, Anaheim, CA, November 2013

Mathematics Success Workshop, Montana Tech of the University of Montana, Butte, MT, August 2013

MathFest, Mathematics Association of America, Hartford, CT, August 2013

Inquiry-Based Learning Workshop, Mathematics Association of America Professional Development, California Polytechnic University, San Luis Obispo, CA, June 2013

Scholarship of Teaching and Learning Academy, Grand Valley State University, Grand Rapids, MI, May 2013

Developmental Education Symposium, Baton Rouge Community College, Baton Rouge, LA, April 2013

Joint Mathematics Meeting, American Mathematical Society and Mathematics Association of America, San Diego, CA, January 2013

Pearson Navigators III, Monroe, MI, October 2012

Lilly Conference on Teaching and Learning, Traverse City, MI, September 2012

MAA Mathfest, Madison, WI, August 2012

Project NExT Workshop, Madison, WI, July 2012

SERVICE TO THE
DISCIPLINE

Michigan Section of the Mathematics Association of America: Chair (March 2018 - present), Vice-Chair (March 2017 - March 2018)

Inquiry-Based Learning Special Interest Group of the Mathematics Association of America: Past Chair (February 2019 - present), Chair (February 2018 - January 2019), Chair-elect (February 2017 - January 2018)

Quantitative Literacy Special Interest Group of the Mathematics Association of America: Past-chair (February 2018 - present), Chair (February 2017 - January 2018), Chair-elect (February 2016 - January 2017)

Lead Author, Corequisite Course for Quantitative Reasoning, Charles A. Dana Center, Austin, TX, January 2018 - September 2018

Member of the Mathematics Association of America Committee on Two-Year Colleges, January 2018 - January 2021

Member of the Steering Committee for Strategic Planning, Initiative for Mathematics Learning by Inquiry, Austin, TX. October 2017 - June 2018

Member of the Board of Directors for Initiative for Mathematics Learning by Inquiry, Austin, TX. July 2017 - present.

Contributing Author, Instructional Practices Guide, Mathematics Association of America, April 2016 - August 2017

Newsletter Editor, Michigan Section of the Mathematics Association of America, October 2015 - April 2017

Charter Drafter and Promoter for the Special Interest Group of the Mathematics Association of America on Inquiry-Based Learning in Mathematics (with Stan Yoshinobu and TJ Hitchman), Mathematics Association of America, July 2015 - August 2016

Member of the Mathematics Association of America Committee on Curriculum Renewal Across the First Two Years (CRAFTY), January 2015 - January 2018

Legacy of R.L. Moore Conference Co-Organizer, Educational Advancement Foundation, June 2014 - August 2016

Website and Newsletter Editor, Quantitative Literacy Special Interest Group of the Mathematics Association of America, January 2014 - January 2016

UNIVERSITY SERVICE

Chair, University General Education Committee, Ferris State University, August 2018 - present

Member, University Task-Force on Sexual Assault, Ferris State University, March 2018 - August 2018

Member, Working Group on Employment Survey, Ferris State University, May 2016 - July 2016

Chair, Quantitative Literacy Subcommittee of the General Education Committee, Ferris State University, November 2015 - August 2018

Creator and Chair of Academic Interdisciplinary Collaboration Task Force, Ferris State University, September 2015 - April 2017

Member of the Steering Committee for BEYOND Globalization Initiative, August 2015 - May 2016

Member of the Steering Committee for the Economic Inequality Initiative, August 2015 - May 2016

Member of the Diversity Plan Task Force, August 2015 - January 2016

Member of the Financial Aid, Pricing, and Financial Services Sub-Team for the Ferris State University Strategic Enrollment Plan, Ferris State University, February 2015 - February 2016

Member of the Steering Committee for the Political Engagement Project, Ferris State University, February 2015 - May 2016

Member of Strategic Plan Measurement Team, Ferris State University, October 2014 - December 2014

Chair, Dissertation Committee for Barb Bouthillier in DCCL Program, Ferris State University, August 2014 - July 2016

Member of Strategic Planning and Resource Council, Ferris State University, June 2014 - present

At-Large Member of the Faculty Senate Executive Board, Ferris State University, April 2014 - April 2016

University Curriculum Committee, Ferris State University, September 2013 - May 2016

Member of the Provost's Achievement Gaps Taskforce, May 2013 - May 2014

Member of the Faculty Senate, Ferris State University, April 2013 - April 2017

Senate Diversity Committee, Ferris State University, September 2012 - April 2013

DEPARTMENT AND
COLLEGE SERVICE

Colloquium Organizer, Mathematics Department, August 2017 - August 2018

Ferris Promesa, Mathematics Faculty Supervisor, Ferris State University, June 2017 - August 2017 (compensated)

Curriculum Proposal Creator and Champion, Program Co-Coordinator (with Roxanne Cullen): Associate of Arts in Integrative Studies, October 2016 - present

Ferris Promesa, Mathematics Faculty Supervisor, Ferris State University, June 2016 - August 2016 (compensated)

Curriculum Proposal Creator and Champion: Actuarial Science Program Modifications, February 2016 - March 2016

Organizer, Mathematics Department Reading Group on Inquiry-Based Learning, November 2015 - May 2016

Member of Ferris State University delegation to the Institute of Economics, Management, and Law in Kazan, Russia, November 2015

Curriculum Proposal Creator and Champion: MATH 109 and MATH 114, August 2015 - January 2016

Ferris Promesa, Mathematics Faculty Supervisor, Ferris State University, June 2015 - August 2015 (compensated)

Member of College of Arts and Sciences Dean Search Committee, Ferris State University, June 2015 - May 2016

Chair, Algebra Committee, Ferris State University, Department of Mathematics, November 2014 - August 2018

Search Committee Member, Department of Mathematics, Ferris State University, September 2014 - March 2014

Ferris Promesa, Mathematics Faculty Supervisor, Ferris State University, June 2014 - August 2014 (compensated)

Mathematics Department General Education Task Force, chair, Ferris State University, November 2013 - November 2015

College of Arts and Sciences Curriculum Committee, Ferris State University, September 2013 - May 2018

Search Committee Member, Department of Mathematics, Ferris State University, September 2013 - March 2014

Mathematics faculty member for linked MATH 190 and ENGL 150/250 sequence with Roxanne Cullen, August 2013 - August 2018

Actuarial Science Program Committee, Chair, Ferris State University, March 2013 - April 2013

College of Arts and Sciences Planning Committee, Ferris State University, September 2012 - April 2014

Mathematics/Business Common Core Committee, Ferris State University, September 2012 - April 2013

PROFESSIONAL
DEVELOPMENT
FACILITATION AND
MENTORING

Lead Facilitator (with Rhonda Bishop and Mischelle Stone), Faculty Learning Community on Mathematics and the Partner Disciplines, Faculty Center for Teaching and Learning, August 2018 - August 2019.

Facilitator, Grant-Writing Workshop, Ferris State University, May 2018

Organizer and Facilitator, Evidence-Based Practice Workshop, Ferris State University, December 2016

Facilitator, Faculty Learning Community on Inquiry-Based Learning, Ferris State University, Faculty Center for Teaching and Learning, August 2016 - May 2017 (compensated)

Co-Facilitator (with Tracy Busch, Lilia Caserta, and Christian Peterson), Faculty Learning Community on Global Questions Across Campus, Ferris State University, Faculty Center for Teaching and Learning, August 2016 - February 2017 (compensated)

Faculty Mentor for Anil Venkatesh in MATH 109/114, Ferris State University, August 2016 - present

Faculty Mentor for linked MATH/ENGL course faculty, January 2016 - present

Faculty Mentor for Harvey Hanna in MATH 190, Ferris State University, August 2015 - May 2016 (team-teaching supported by internal grant funding)

Faculty Mentor for Erin Militzer in MATH 190, Ferris State University, January 2015 - May 2015 (compensated with release time)

COMMUNITY SERVICE

Business Manager and Organizational Group Member, Museum of Sexist Objects, June 2017 - present.

Board Member and Treasurer, Our Brothers Keeper homeless shelter, Big Rapids, MI, April 2016 - present

Board Member and Public Relations Committee Chair, Our Brothers Keeper homeless shelter, Big Rapids, MI, May 2015 - May 2016

Board Member, Crossroads Charter Academy, Big Rapids, MI, September 2014 - December 2018

AWARDS

National Consortium for Synergistic Undergraduate Mathematics via Multi-institutional Interdisciplinary Teaching Partnerships (SUMMIT-P), National Science Foundation Grant DUE 1625321. Grant involves interdisciplinary teaching partnerships from 11 institutions across the country. Service includes Ferris PI (with Rhonda Bishop from Nursing and Mischelle Stone from Social Work), and Co-PI on project management team (with Susan Ganter from Virginia Tech, Su Doree from Augsburg College, Stella Hoffrening from Augsburg College, Rosalyn Hargrave from Virginia Commonwealth University, Bill Haver from Virginia Commonwealth University, and evaluators Jack Bookman from Duke University and Erica Slate Young from Appalachian State University). Ferris' grant total is approximately \$186,000 while the entire grant across the institutions is approximately \$2.8 million. September 2016 - August 2021

Focus on Student Success Grant, Faculty Center for Teaching and Learning, Ferris State University, August 2015 - May 2016

Timme Travel Grant, Faculty Center for Teaching and Learning, Ferris State University, January 2015

Junior Faculty Fellows Program, Cohort 1, Faculty Center for Teaching and Learning, Ferris State University, October 2014 - August 2015

LearnLab Fellows, Cohort 1, Faculty Center for Teaching and Learning, Ferris State University, May 2014 - May 2015

Focus on Student Success Grant, Faculty Center for Teaching and Learning, Ferris State University, January 2013 - May 2014

Timme Travel Grant, Faculty Center for Teaching and Learning, Ferris State University, January 2013

Project NExT Fellowship, Mathematics Association of America, August 2012 - August 2013

Galileo Circle Scholar, University of Arizona, April 2012

Centennial Achievement Graduate Student Award, Nominee, University of Arizona, December 2011

Graduate Student Outstanding Service Award, Mathematics Department, University of Arizona, April 2011

GK-12 Fellowship, National Science Foundation, May 2009 - May 2011

Outstanding Teaching Assistant Award, Mathematics Department, University of Arizona, April 2008

Phi Beta Kappa, April 1996

ACTUARIAL
SCIENCE EXAM
PASSES

SOA Exam P/CAS Exam 1: Probability. March, 2015

SOA Exam FM/CAS Exam 2: Financial Mathematics. April, 2016

PROFESSIONAL
MEMBERSHIPS

Association of General and Liberal Studies

Mathematics Association of America

Special Interest Group of the Mathematics Association of America for Inquiry-Based Learning

Special Interest Group of the Mathematics Association of America for Quantitative Literacy

American Mathematical Association of Two Year Colleges

National Numeracy Network

New York State Bar Association (retired)