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Education

2005 MFA, Nonfiction Writing, University of Iowa
1983 PhD, Mathematics, Yale University
1981 MS, Mathematics, Yale University
1979 SB, Mathematics, University of Chicago

Academic & Professional Employment

2018–present Associate Professor of Instruction, Departments of Rhetoric and Mathematics, University of Iowa, Iowa City IA

2013–2018 Lecturer, Department of Rhetoric, University of Iowa

2005–2018 Adjunct Professor, Department of Mathematics, University of Iowa

2007–2013 Test Development Associate, Higher Education Programs; Test Development Associate, Elementary & Secondary School Programs; Program Development Associate, Classroom Connections; ACT, Inc., Iowa City IA

2005–2007 Adjunct Professor, Department of English, University of Iowa

2004–2006 Archival Assistant, WSUI-AM 910, Broadcast Services, University of Iowa (summer)

2004–2005 Graduate Teaching Assistant, Department of English, University of Iowa

2002–2003 Graduate Teaching Assistant, Department of Rhetoric, University of Iowa

2001–2004 Professor, Department of Mathematics; Teaching Faculty, Center for Science and Technology Studies; and Adjunct Professor, Women’s Studies Program, Virginia Tech, Blacksburg VA (on leave 2002–2004)

1991 Instructor, Summer Mathematics Institute for Women, Mills College, Oakland CA (summer)

1990–2001 Associate Professor, Department of Mathematics, Virginia Tech

1988–1989 Visiting Assistant Professor, School of Mathematics, University of Minnesota, Minneapolis

1985 Visiting Assistant Professor, Department of Mathematics, University of Texas at Austin (fall)

1983–1990 Assistant Professor, Department of Mathematics, Virginia Tech (on leave 1985, 1988–1989)

1983 Instructor, Department of Mathematics, College of Du Page, Glen Ellyn IL (summer)

1981 Programming Intern, IBM Corporation, East Fishkill NY (summer)

1979–1983 Graduate Teaching Fellow, Department of Mathematics, Yale University, New Haven CT

Academic and Professional Honors

2018 Honorable Mention, Collegiate Teaching Award, College of Liberal Arts & Sciences, University of Iowa

2002–2004 Iowa Arts Tuition Scholarship, University of Iowa

2000 Certificate of Teaching Excellence, College of Arts and Sciences, Virginia Tech

2000 Honorable Mention, History of Science & Technology, Professional/Scholarly Publishing Division, Association of American Publishers, for *Women Becoming Mathematicians* (see **Published Books**)

1983 Full Membership (elected), Sigma Xi scientific research honor society

1979 Associate Membership (elected), Sigma Xi scientific research honor society

1979 Paul R. Cohen Prize in Mathematics, University of Chicago

1978 Phi Beta Kappa (selected in junior year)

1975–1979 National Merit Scholar, University of Chicago

Funded Grants (chronological; principal/sole investigator)

1. National Science Foundation Grant DMS-8401995, "Problems in Nonlinear Harmonic Analysis," for the period 1 June 1984 to 30 November 1986, \$26,847.
2. National Science Foundation grant DMS-8603234, "Problems in Nonlinear Harmonic Analysis and Clifford Analysis," for the period 1 June 1986 to 30 November 1990, \$60,015.
3. National Science Foundation Grant DMS-9002341, "Nonlinear Harmonic Analysis and Differential Equations," for the period 15 June 1990 to 31 May 1993, \$29,995.
4. Virginia Tech Center for Interdisciplinary Studies, Humanities Summer Stipend, "American Woman Mathematicians in Pursuit of the Ph.D.: An Oral History," summer of 1996, \$2,700.
5. Alfred P. Sloan Foundation Officer Grant, "Factors Contributing to Women's Success as Professional Mathematicians: the Doctoral Classes of 1940–59," for the period 1 January 1997 to 31 January 1998, \$30,000.
6. Spencer Foundation of Chicago, Major Grants Program, "Factors Contributing to Women's Success as Professional Mathematicians: the Doctoral Classes of 1940–59," for the period 1 May 1997 to 31 May 1999, \$65,100.

Published Books (chronological)

1. John E. Gilbert and Margaret A.M. Murray, *Clifford Algebras and Dirac Operators in Harmonic Analysis*, Cambridge Studies in Advanced Mathematics Series, Volume 26, Cambridge University Press, 1991 (vi + 334 pages).
2. Margaret A.M. Murray, *Women Becoming Mathematicians: Creating a Professional Identity in Post-World War II America*, MIT Press, 2000 (xviii + 277 pages).

Refereed Articles Published in Journals and Conference Proceedings (chronological)

1. Margaret A.M. Murray, Multilinear Convolutions and Transference, *Michigan Mathematical Journal*, 31 (1984), pp. 321–330.
2. Margaret A.M. Murray, Commutators with Fractional Differentiation and BMO Sobolev Spaces, *Indiana University Mathematics Journal*, 34 (1985), #1, pp. 205–215.
3. Margaret A.M. Murray, The Cauchy Integral, Calderón Commutators, and Conjugations of Singular Integrals in \mathbb{R}^n , *Transactions of the American Mathematical Society*, 289 (1985), #2, pp. 497–518.
4. Margaret A.M. Murray, Multilinear Singular Integrals Involving a Derivative of Fractional Order, *Studia Mathematica*, 87 (1987), #2, pp. 139–165.
5. R.R. Coifman and M.A.M. Murray, Uniform Analyticity of Orthogonal Projections, *Transactions of the American Mathematical Society*, 312 (1989), #2, pp. 779–817.
6. John E. Gilbert and Margaret A.M. Murray, H^p theory on Euclidean space and the Dirac operator, *Revista Matemática Iberoamericana*, 4 (1988) #2, pp. 253–289.
7. John L. Lewis and Margaret A.M. Murray, Regularity Properties of Commutators and Layer Potentials Associated to the Heat Equation, *Transactions of the American Mathematical Society*, 328 (1991), #2, pp. 815–842.
8. John L. Lewis and Margaret Murray, Absolute Continuity of Parabolic Measure, in *Partial Differential Equations with Minimal Smoothness and Applications*, Springer-Verlag, New York, 1992, pp. 173–188.
9. John L. Lewis and Margaret A.M. Murray, The Method of Layer Potentials for the Heat Equation in Time-Varying Domains: I. Singular Integrals, *Memoirs of the American Mathematical Society*, 114 (1995) #545, pp. 1–63.
10. John L. Lewis and Margaret A.M. Murray, The Method of Layer Potentials for the Heat Equation in Time-Varying Domains: II. The David Build-up Scheme, *Memoirs of the American Mathematical Society*, 114 (1995) #545, pp. 64–110.

11. John L. Lewis and Margaret A.M. Murray, The Method of Layer Potentials for the Heat Equation in Time-Varying Domains: III. Absolute Continuity of Parabolic Measure and the Dirichlet-Neumann Problems, *Memoirs of the American Mathematical Society*, 114 (1995) #545, pp. 111–157.
12. Margaret A.M. Murray, Women Becoming Mathematicians: Constructing a Professional Identity in Post-WWII America, in *Women Succeeding in the Sciences: Pedagogies, Philosophies, and Practices*, edited by Jody Bart (Purdue University Press, 2000), pp. 37–99.
13. Margaret A.M. Murray, Toward a Documentary History of American Women in Mathematics: The Doctoral Classes of 1940–1959, in *Women in Mathematics: 100 Years and Counting*, ed. Janet Beery, Sarah Greenwald, and Jackie Jensen-Vallin (Association for Women in Mathematics Series, Springer-Verlag, 2018), pp. 91–101.
14. Margaret A.M. Murray, American Women Mathematics PhDs of the 1940s, *Notices of the American Mathematical Society*, accepted for publication.

Other Publications (chronological)

1. Marge Murray, Mills College Summer Math Institute 1991: The Seminar on Harmonic Analysis, *Newsletter of the AWM*, 22 (Jan/Feb 1992) #1, pp. 10–11.
2. Marge Murray, Is Geography Destiny? One Perspective, *Newsletter of the AWM*, 23 (May/Jun 1993) #3, pp. 10–11.
3. Marge Murray, Charles Oehring, *Mathematics at Virginia Tech*, Spring 1992, pp. 5–6.
4. Margaret Murray, Writing-to-Learn in Mathematics at Virginia Tech: An Overview, *Proceedings of the Second National Conference on Writing Across the Curriculum*, (Charleston, SC, February 1995), p. 42.
5. Marge Murray, Rosa Qi Huang (1963–1995), *Newsletter of the AWM*, 25 (Mar/Apr 1995) #2, p.14.
6. Marge Murray, True Fictions: A Look at the Autobiographical Writing of American Women, *Newsletter of the AWM*, 25 (Sep/Oct 1995) #5, pp. 15–16.
7. Marge Murray, Review of *Women Scientists in America: Before Affirmative Action, 1940–72* by Margaret Rossiter, *Newsletter of the AWM*, 26 (Mar/Apr 1996) #2, pp. 22–24.
8. Marge Murray, Review of *Hypatia of Alexandria* by Maria Dzielska, *Newsletter of the AWM*, 26 (May/Jun 1996) #3, pp. 13–14.
9. Marge Murray, Review of *Women Changing Science* by Mary Morse, *Newsletter of the AWM*, 26 (Sep/Oct 1996) #5, pp. 19–21.
10. Marge Murray, Review of *Who Succeeds in Science? The Gender Dimension*, by Gerhard Sonnert and Gerald Holton, *Newsletter of the AWM*, 27 (Jan/Feb 1997) #1, pp. 8–10.
11. Marge Murray, Review of *Creative Couples in the Sciences*, edited by Helena Pycior, Nancy Slack, and Pnina Abir-Am, *Newsletter of the AWM*, 27 (Mar/Apr 1997) #2, pp. 13–14.
12. Marge Murray, Review of *Generation X Goes to College* by Peter Sacks, *Newsletter of the AWM*, 27 (May/Jun 1997) #3, pp. 12–14.
13. Marge Murray, Review of *A Woman Wanders Through Life and Science* by Irina Koprowska, *Newsletter of the AWM* 27 (Nov/Dec 1997) #6, pp. 10–12.
14. Marge Murray, Review of *Ms. Mentor's Impeccable Advice for Women in Academe* by Emily Toth, *Newsletter of the AWM* 28 (Mar/Apr 1998), #2, pp. 23–24.
15. Marge Murray, Review of *Time Bomb 2000* by Edward Yourdon and Jennifer Yourdon, *Newsletter of the AWM* 28 (May/June 1998), #3, pp. 11–12.
16. Marge Murray, What I Read on my Summer Vacation (Review of *Women in Mathematics: The Addition of Difference*, by Claudia Henrion, and *A Beautiful Mind: The Life of John F. Nash, Jr.*, by Sylvia Nasar), *Newsletter of the AWM* 28 (Sept/Oct 1998), #5, pp. 18–19.
17. Marge Murray, Review of *Notable Women in Mathematics: A Biographical Dictionary*, edited by Charlene Morrow and Teri Perl, *Newsletter of the AWM* 29 (Jan/Feb 1999), #1, pp.16–18.
18. Julian Fleron, Paul D. Humke, Lew Lefton, Terri Lindquenter, and Margaret Murray, Keeping Your Research Alive, in *Starting Our Careers: A Collection of Essays and Advice on Professional*

- Development from the Young Mathematicians' Network*, edited by Curtis D. Bennett and Annelisa Crannell (American Mathematical Society, Providence, 1999), pp. 48–55.
19. Marge Murray, What I Read on my Summer Vacation (Review of *Betty Friedan: Her Life*, by Judith Hennessee, and *Betty Friedan and the Making of the Feminine Mystique*, by Daniel Horowitz), *Newsletter of the AWM* 29 (Sept/Oct 1999), #5, pp. 14–16.
 20. Margaret Murray, Y2K: A personal history, *Math Horizons*, November 1999, pp. 17–20.
 21. Marge Murray, What I Read on my Summer Vacation (Review of *Angles of Reflection: Logic and a Mother's Love*, by Joan L. Richards), *Newsletter of the AWM* 30 (Sept/Oct 2000), #5, pp. 17–19.
 22. Marge Murray, Review of *Journeys of Women in Science and Engineering: No Universal Constants*, by Susan Ambrose *et al*, *Newsletter of the AWM* 30 (Nov/Dec 2000), #6, pp. 12–13.
 23. Margaret A.M. Murray, A demand for "Proof," *Chicago Tribune*, May 16, 2001, Section 8, p. 6.
 24. Marge Murray, Review of *Who Will Do the Science of the Future: A Symposium on Careers of Women in Science*, by the Committee on Women in Science and Engineering of the National Academy of Sciences, *Newsletter of the AWM* 31 (Jul/Aug 2001), #4, pp. 8–10.
 25. Marge Murray, What I Read on my Summer Vacation (Review of *Galileo's Daughter*, by Dava Sobel), *Newsletter of the AWM* 31 (Sep/Oct 2001), #5, pp. 13–14.
 26. Marge Murray, Daughter's Letters Tell of Mutual Devotion and Support (Review of *Galileo's Daughter*, by Dava Sobel; reprint of #25 above), *CMS Notes (Newsletter of the Canadian Mathematical Society)* 33 (December 2001), #8, pp. 12–13.
 27. Margaret Murray, Review of *Mary Somerville: Science, Illumination, and the Female Mind*, by Kathryn A. Neeley, *Victorian Studies* 45 (Spring 2003), #3, pp. 577–579.
 28. Margaret Murray, Reading Floyd Skloot, *Iowa Review* 34 (Spring 2004), #1, pp. 170–175.
 29. Margaret A.M. Murray, Is Geography Destiny? (mildly-edited reprint of #2 above), in *Complexities: Women in Mathematics*, edited by Bettye Anne Case and Anne M. Leggett (Princeton University Press 2005), pp. 248–250.
 30. Margaret Murray, The Golden Rule of the Road, *Daily Iowan*, Tuesday, October 17, 2006, p. 6A.
 31. Margaret A.M. Murray, A Celebration of Women in Mathematics at MIT, *Notices of the American Mathematical Society* 56 (January 2008), #1, pp. 42–47.
 32. Margaret A.M. Murray, A Film of One's Own (Review of *Julia Robinson and Hilbert's Tenth Problem*, directed by George Csicsery), *College Mathematics Journal* 40 (September 2009) #4, pp. 306–310.
 33. Margaret A.M. Murray, Present at the Creation (Review of *Pioneering Women in American Mathematics*, by Judy Green and Jeanne LaDuke), *College Mathematics Journal* 41 (May 2010) #3, pp. 248–251.
 34. Margaret A.M. Murray, The first lady of math? *Yale Alumni Magazine* 73 (May/June 2010) #5, available online at http://www.yalealumimagazine.com/issues/2010_05/letters_412.html
 35. Margaret A.M. Murray, Women Mathematicians on the Web, Part I: A Story About Yale, *Newsletter of the AWM* 42 (May/Jun 2012), #3, pp. 10–12.
 36. Margaret A.M. Murray, Women Mathematicians on the Web, Part II: Finding the First, *Newsletter of the AWM* 42 (Jul/Aug 2012), #4, pp. 11–15.
 37. Margaret A.M. Murray, Women Mathematicians on the Web, Part III: Wikipedia, *Newsletter of the AWM* 42 (Sep/Oct 2012), #5, pp. 16–19.
 38. Margaret A.M. Murray, Women Mathematicians on the Web, Part IV: The Virtual Reference Shelf, *Newsletter of the AWM* 42 (Nov/Dec 2012), #6, pp. 21–26.
 39. Margaret Murray and David Weininger, Maryam Mirzakhani, Fields Medalist, *The MIT Press Blog*, 20 August 2014, <http://mitpress.mit.edu/blog/maryam-mirzakhani-fields-medalist>
 40. Margaret A.M. Murray, Review of *The Only Women in the Room: Why Science is Still a Boys' Club*, by Eileen Pollack, *Newsletter of the AWM* 46 (Jul/Aug 2016), #4, pp. 19–21.

41. Margaret A.M. Murray, Review of *Hidden Figures: The American Dream and the Untold Story of the Black Women Mathematicians Who Helped Win the Space Race* by Margot Lee Shetterly and *Hidden Figures*, a film by Theodore Melfi, *Newsletter of the AWM* 47 (Jul/Aug 2017), #3, pp. 9–12.
42. Margaret A.M. Murray, Obituary: Joan Rosenblatt 1926–2018. *Institute of Mathematical Statistics Bulletin* 48 (June/July 2019), #4, p. 14, available online at https://imstat.org/wp-content/uploads/Bulletin48_4.pdf/.

Scholarly Projects in Progress

American Women Mathematics PhDs of the 1940s and 1950s: Origins, Lives, and Careers: a comprehensive database on the roughly 200 women in this group, first published Fall 2017 and regularly updated at <http://womenbecomingmathematicians.net>.

Courses Taught at The University of Iowa, Fall 2012–Fall 2019 (reverse chronological)

Fall 2020	RHET:1030 <i>Rhetoric</i> (2§§), MATH:4120:EXW <i>History of Mathematics</i> (1§)
Spring 2020	RHET:1030 <i>Rhetoric</i> (2§§), MATH:4120:EXW <i>History of Mathematics</i> (1§)
Fall 2019	RHET:1030 <i>Rhetoric</i> (2§§), MATH:4120:EXW <i>History of Mathematics</i> (1§)
Spring 2018	RHET:1030 <i>Honors Rhetoric</i> (1§), <i>Rhetoric</i> (2§§), MATH:4120:EXW <i>History of Mathematics</i> (1§)
Fall 2018	RHET:1030 <i>Honors Rhetoric</i> (1§), <i>Rhetoric</i> (2§§), MATH:4120:EXW <i>History of Mathematics</i> (1§).
Spring 2017	RHET:1030 <i>Honors Rhetoric</i> (1§), RHET:1030 <i>Rhetoric</i> (2§§), MATH:4120:EXW <i>History of Mathematics</i> (1§).
Fall 2017	RHET:1030 <i>Honors Rhetoric</i> (1§), RHET:1030 <i>Rhetoric</i> (2§§), MATH:4120:EXW <i>History of Mathematics</i> (1§).
Spring 2017	RHET:1030 <i>Honors Rhetoric</i> (1§), RHET:1030 <i>Rhetoric</i> (2§§), MATH:4120:EXW <i>History of Mathematics</i> (1§).
Fall 2016	RHET:1030 <i>Honors Rhetoric</i> (1§), RHET:1030 <i>Rhetoric</i> (2§§).
Summer 2016	MATH:4120:EXZ <i>History of Mathematics</i> (1§).
Spring 2016	RHET:1030 <i>Honors Rhetoric</i> (1§), RHET:1030 <i>Rhetoric</i> (2§§).
Fall 2015	RHET:1030: <i>Honors Rhetoric</i> (2§§), RHET:1030 <i>Rhetoric</i> (1§).
Summer 2015	MATH:4120:EXZ <i>History of Mathematics</i> (1§).
Spring 2015	RHET:1030 <i>Honors Rhetoric</i> (1§), RHET:1030 <i>Rhetoric</i> (2§§).
Fall 2014	RHET:1030: <i>Honors Rhetoric</i> (2§§), RHET:1030 <i>Rhetoric</i> (1§).
Summer 2014	MATH 22M:107:EXZ (MATH:4120:EXZ) <i>History of Mathematics</i> (1§).
Spring 2014	RHET 10:003 (RHET:1030) <i>Rhetoric</i> (2§§).
Fall 2013	RHET 10:003 (RHET:1030) <i>Rhetoric</i> (3§§).
Summer 2013	MATH 22M:107:EXZ (MATH:4120:EXZ) <i>History of Mathematics</i> (1§).
Spring 2013	MATH 22M:107:EXZ (MATH:4120:EXZ) <i>History of Mathematics</i> (1§).
Fall 2012	MATH 22M:005 (MATH:1010) <i>Trigonometry</i> (1§), MATH 22M:107:EXZ (MATH:4120:EXZ) <i>History of Mathematics</i> (1§).

Courses Taught at The University of Iowa, Fall 2002–Spring 2007 (reverse chronological)

Spring 2007	ENGLISH 8:038 <i>Introduction to the Essay: Readings on Religion & Science</i> (1§).
Fall 2006	MATH 22M:031 <i>Engineering Mathematics I</i> (1§), MATH 22M:055 <i>Fundamental Properties of Spaces and Functions I</i> (1§).
Fall 2005	ENGLISH 8:038 <i>Introduction to the Essay</i> (1§), MATH 22M:010 <i>Finite Mathematics</i> (1§).
Spring 2005	ENGLISH 8N:080 <i>Nonfiction Writing</i> (2§§).
Fall 2004	ENGLISH 8N:080 <i>Nonfiction Writing</i> (1§).
Spring 2004	ENGLISH 8N:080 <i>Nonfiction Writing</i> (1§).

Fall 2003 RHET 10:003 *Accelerated Rhetoric* (2§§).
Spring 2003 RHET 10:002 *Rhetoric II* (2§§).
Fall 2002 RHET 10:001 *Rhetoric I* (1§).

Other Instructional Activities at the University of Iowa (reverse chronological)

Spr–Fall 2020 Continued to develop Math 1210 *Diverse Perspectives in the Mathematical Sciences* for online delivery in Spring 2021.

Fall 2019 Participant in the Division of Online Education's Design4Online program, to design the course Math 1210 *Diverse Perspectives in the Mathematical Sciences* for online delivery in Spring 2021.

Sum/Fall 2016 Completely redesigned the course Math 4120 *History of Mathematics* for delivery as a real-time online (EXW) course. (First run of Math 4120:EXW taught in Spring 2017.)

Sum/Fall 2015 Member of Planning Team and Talk-Back Panel Moderator for Gioia De Cari's *Truth Values*, Englert Theatre, 21 September 2015.

Spring 2014 Served as an Online Tutor, University of Iowa Writing Center, with specialization in STEM content.

Spring 2013 Completely redesigned the Guided Independent Study (GIS/EXZ) course 22M:107 *History of Mathematics*. (I taught the redesigned course in Summer 2013–2016; Michael Hero taught using my redesign in Fall 2013–2016 and Spring 2014–2016.)

Calendar 2006 Facilitated a year-long Personal Essay seminar for a small group of staff and faculty at the Medical Education Building (MEB).

Courses Taught at Virginia Tech, Minnesota, Texas, College of DuPage, and Yale 1981–2002

Undergraduate: *College Algebra; Calculus I, II; Introductory Linear Algebra; Vector Calculus; Ordinary Differential Equations; Linear Algebra; Multivariable Calculus; Introduction to Mathematical Proof* (writing-intensive); *Algebra for Teachers; Analysis for Teachers; Modern Algebra; Advanced Calculus; Elementary Complex Analysis I, II; Elementary Real Analysis I, II; Fourier Series and Partial Differential Equations I, II; Differential Equations for Chemical Engineers; Applied Mathematics for Engineers I, II, III; Advanced Linear Algebra; History of Mathematics* (writing-intensive); *Honors Seminar: Women in Mathematics* (writing-intensive).

Graduate: *Real Analysis I; Functional Analysis I, II; Complex Analysis I, II.*

Advising and Mentorship (chronological by category)

1. Undergraduate advising, Virginia Tech:
Faculty adviser to math majors: 1985–1988, 1989–94, 1998–2002.
2. Informal undergraduate advising, University of Iowa
Nikki Guarino, Honors Program, emphasis in Math, English, and Education, 2006–07.
3. Mentor to Graduate Teaching Assistants (GTAs) at Virginia Tech
Myungsuk Chung and Susan Kennedy, Mathematics, 1993–94
Frank Taylor and Tony Zangara, Writing-to-Learn In Mathematics, 1994–95
4. Member of Master's and Doctoral committees at Virginia Tech:
Susan Garrett (MS, Mathematics, 1987)
Prasit Teekaput (Ph.D., Electrical Engineering, 1991)
Jiuyi Cheng (Ph.D., Mathematics, 1994)
Cezary Gajdzinski (Ph.D., Mathematics, 1994)
Jun Chen (Ph.D., Mathematics, 1995)

- Jinghao Zhu (Ph.D., Mathematics, 1996)
Dustin Potter (MS, Mathematics, 2001)
Brendan Meuse (MS, Mathematics, 2001)
5. Mentor to Graduate Teaching Assistants & First-Year Instructional Faculty, University of Iowa
Rebecca James, GTA, Rhetoric, Fall 2014
Angela Toscano, GTA, Rhetoric, Fall 2014–Spring 2015
Faith Avery, GTA, Rhetoric, Fall 2015
Justin Cox, GTA, Rhetoric, Fall 2015
Jonathan Stout, GTA, Rhetoric, Fall 2015–Spring 2016
Brittany Borghi, GTA, Rhetoric, Fall 2016
Ian Faith, GTA, Rhetoric, Fall 2016
Daniel Cronin, GTA, Rhetoric, Fall 2017–Spring 2018
Tanner Pruitt, GTA, Rhetoric, Fall 2017
Justin Cosner, Lecturer, Rhetoric, Fall 2018–Spring 2019
Cristóbal McKinney, Visitor, Rhetoric, Fall 2020
 6. Service on Graduate Examination Committees, University of Iowa College of Education
Alana Tholen, PhD Preliminary Examination, Mathematics examiner, Spring 2019
Kang-Jui (Kent) Peng, MAT Comprehensive Examination, Mathematics examiner, Spring 2020

Memberships and Service to the Profession

1. Member of the American Mathematical Society (AMS), the Mathematical Association of America (MAA), and the Association for Women in Mathematics (AWM). Past member of the National Women's Studies Association (NWSA), National Council of Teachers of Mathematics (NCTM), the Oral History Association (OHA), and Association of Writers and Writing Programs (AWP).
2. Referee for *Notices of the American Mathematical Society*, 2019.
3. Referee for *Bulletin*, *Proceedings*, and *Transactions of the American Mathematical Society*; *The Journal of Women and Minorities in Science and Engineering*; *The Mathematica Journal*; *Mathematical Intelligencer*; and *Journal of Mathematical Analysis and Applications*, 1980s and 1990s.
4. Reviewer of proposals submitted to the National Science Foundation, 1980s and 1990s.
5. Member of the committee to review proposals for the AWM Workshops for Women Graduate Students at the Joint Mathematics Meetings, 1995–97.
6. Reviewer of manuscripts for *Mathematical Reviews*, Cambridge University Press, MIT Press, Springer-Verlag, HarperCollins, Marshall Cavendish, and PWS-Kent, 1980s to 2010.
7. AMS Representative to the AMS-ASA-AWM-IMS-MAA-NCTM-SIAM Committee on Women in the Mathematical Sciences 1995–98, and Chair 1996–98.
8. Book review editor, *Newsletter of the Association for Women in Mathematics (AWM)*, 1995–2002.
9. Faculty Consultant, Project NexT (mentorship organization for new mathematics faculty) 1997–2001.

Institutional Service (chronological by category)

1. Service to the Department of Mathematics, Virginia Tech:
Undergraduate Program Committee, 1986–87, 1995–96.
Graduate Admissions Committee, 1986–88, 1989–90, 1991–92.
Teaching Committee, 1990–95, 2000–01.
Colloquium Committee Chair, 1993–95.
Calculus and Mathematics Education Committees, 1993–94.
Committee for the Week on “Women in Mathematics: Past, Present, and Future,” 1995.
Mathematics Education Search Committee, 1995–96.
Library Committee, 1997–2002.

- Assessment Committee, 1998.
Personnel Committee, 1998–99.
Committee for Women’s Career Day in Mathematics, 1998–2001.
Analysis Search Committee, 2000–2001.
Prepared Writing Intensive Course Assessment Report, 2002.
2. Service to the University, Virginia Tech:
Faculty Senate, 1990–93.
Commission on Undergraduate Studies and Policies, 1990–93, 1999–2002; Chair 2001–02.
Committee on Undergraduate Curricula (University-wide), 1999–2002; Chair 2000–01.
Admissions Advisory Committee, 1991.
Campus and Classroom Climate Committee, 1991–92.
Women’s Research Institute Research Proposal Review Board, 1991–92.
Women’s Network Task Force on Instructors, 1991–1992; Chair.
Wilson Writing Prize Committee, Phi Beta Kappa, Mu of Virginia Chapter, 1991–95.
Commission on Faculty Affairs, 1992.
Task Force on Administrative and Professional Faculty, 1992–93.
University Core Committee, 1992–94, 1995–96, 1998–2001; Chair 1993–94, Vice Chair 1992–93
Search Committee for University Librarian, 1993–94.
University Writing Program: Advisory Committee, 1993–95; Consultant 1995–2000.
College of Arts and Sciences Curriculum Committee, 1994–97, 1999–2002.
College of Arts and Sciences Nominating Committee, 1997–1999.
Members in Course Committee, Phi Beta Kappa, Mu of Virginia Chapter, 1998–2001.
Committee to review the Dean of the College of Arts and Sciences, 1999–2000.
University Council, 2001–2002.
3. Service to the University of Iowa:
Department of English, Nonfiction Writing Program Faculty Search Committee, 2002–2003.
Department of Rhetoric, Curriculum Committee, 2014–2016.
Department of Mathematics, Three-Minute Thesis (3MT) Judge, Mathematics & Computer Science Round, 17 February 2016
Department of Rhetoric, Minor Committee, 2016–2017.
Department of Rhetoric, Professional & Graduate Committee, 2017–2018, 2019–2021.
Department of Rhetoric, Annual Reviewer for Lecturer Matthew McBride, Spring 2019.
Department of Mathematics, Member of Promotion Committee & Departmental Consulting Group for Dr. Lavinia Ciungu, Fall 2018.
Department of Rhetoric, Professional Guidance Committee, 2018–2019.
Department of Rhetoric, Annual Reviewer for Lecturers Carrie Schuettpelz, Justin Cox, and Nicholas Kelly, Spring 2019.
Department of Rhetoric, Annual Reviewer for Lecturers Elena Carter and Consuelo Guayara Sanchez, Spring 2020.
Department of Mathematics, Member of Promotion Committee & Departmental Consulting Group for Dr. Cindy Farthing, Fall 2020.

Invited Classroom Presentations (chronological)

1. “The Ethical Dimensions of Y2K,” to Computer Science 3604 (Professionalism in Computing) classes at Virginia Tech, 3 May 1999.
2. “Women in Mathematics,” to Sociology 3014 (Gender Relations) class at Virginia Tech, 8 August 2001.
3. “Sexuality and Religion,” to Psychology 4364 (Psychological Perspectives on Diversity) class at Virginia Tech, 23 April 2002.

4. "Mathematics PhDs for American Women, 1886–1959," to Math 2995 (Introduction to Research Opportunities) class at the University of Iowa, 7 February 2019.

Panel, Radio, and Video Appearances (chronological)

1. Panelist, Special Program on Sex Equity Issues in Mathematics, University of Minnesota Talented Youth Mathematics Project (UMTYMP), Minneapolis, MN, 18 March 1989.
2. Panelist for Association of Women in Mathematics discussion, "Is Geography Destiny?" Joint Mathematics Meetings, San Antonio, TX, 13 January 1993.
3. Panelist for Project NExT discussion, "Keeping Your Research Alive," Joint Mathematics Meetings, San Francisco, CA, 6 January 1995.
4. Guest on the National Public Radio program Public Interest with Kojo Nnamdi, "Women in Mathematics," broadcast live from the studios of WAMU-FM, American University, Washington, DC, 2 November 2000.
5. Guest on the radio program Math Medley, Program 239, "Mid-Twentieth Century American Women in Mathematics," hosted by Dr. Patricia Kenschaft of Montclair State University; aired on WALE-AM in Providence, RI and KFNX-FM in Phoenix, AZ, and broadcast live via the internet on 4 December 2002
6. Guest on the radio program The Best of Our Knowledge, Program 652: "The Female Mathematician," WAMC-FM, Albany, NY, 16 March 2003, broadcast nationwide on NPR
7. Guest radio essay, "The Marrying Kind," broadcast on *Week's End*, Iowa Public Radio, Iowa City, IA, August 15, 2004.
8. Invited interlocutor, MIT150 Symposium, *Leaders in Science and Engineering: The Women of MIT*, Massachusetts Institute of Technology, Cambridge, MA, 28–29 March 2011.
9. Panelist, Diversity Talk-Back panel for the play *Truth Values* by Gioia De Cari, Massachusetts Institute of Technology, 29 March 2011.
10. Video interview regarding the play *Truth Values* by Gioia De Cari, "Truth Values on Tour: Romping Through the Belly of the Beast, Part 3," posted December 2012 at <http://unexpectedtheatre.org/video.htm#video4>
11. Panelist, Academic and Career Panel, Sonya Kovalevsky Day, University of Iowa, 11 April 2015.
12. Panelist, Academic and Career Panel, Sonya Kovalevsky Day, University of Iowa, 16 April 2016.

Invited Lectures at Major Conferences (chronological)

1. "The Cauchy Integral, Calderón Commutators, and the Clifford Algebra Based on \mathbb{R}^n ," American Mathematical Society meeting in San Diego, CA, 10 November 1984.
2. "Uniform Analyticity of Orthogonal Projections," NSF Symposium on Harmonic Analysis, University of Georgia, Athens, GA, 6 March 1987.
3. "Weighted Norm Inequalities for Partial Sum Operators," Workshop on Weighted Norm Inequalities, Centre de Recherches Mathématiques, Université de Montréal, Montréal, Québec, Canada, 31 October 1987.
4. "The Dirac Operator and Hardy Spaces of Clifford Analytic Functions on Lipschitz Domains," American Mathematical Society meeting in Lawrence, KS, 29 October 1988.
5. "Regularity Properties of Commutators and Layer Potentials Associated to the Heat Equation," American Mathematical Society Meeting, Los Angeles, CA, 18 November 1989.
6. "A Time to Remain Silent: Silence and Speech in the Mathematics Classroom," Joint Mathematics Meetings, Baltimore, MD, 10 January 1992.
7. "Singular Integrals and the Heat Equation in Time-Varying Domains," Midwest and Southeast Atlantic Conference on Differential Equations, Lexington, KY, 13 November 1992.
8. "American Women Mathematics PhDs of the Forties and Fifties," Joint Mathematics Meetings, San Diego, CA, 11 January 1997.

9. "Women Becoming Mathematicians: Constructing a Professional Identity in Post-WWII America," 1997 Ewald Scholars Conference on Women Succeeding in the Sciences: Theories and Practices Across the Disciplines, Sweet Briar College, Sweet Briar, VA, 4 April 1997.
10. "Women Mathematicians in Post-World War II America," panel presentation in the session "Questioning Authorities: Lessons in Pursuing Oral Histories of Science," Annual Meeting of the American Association for the Advancement of Science, Boston, MA, 16 February 2002.
11. "American Women Mathematics PhDs of the 1940s and 1950s," Special Session on the Contributions of Women to Mathematics, Mathematical Association of America Mathfest/Centenary Celebration, Washington DC, 7 August 2015.
12. "American Women Mathematics Doctorates, 1940–1959," AMS-MAA Special Session on the History of Mathematics, Joint Mathematics Meetings, Seattle WA, 8 January 2016.

Invited Lectures at Universities, Colleges, and Government Agencies (Mathematics Department, unless noted otherwise; chronological)

1. "Problems in Nonlinear Harmonic Analysis," George Washington University, Washington, DC, 23 March 1984.
2. "Fourier Analysis of Commutators," Cornell University, Ithaca, NY, 9 April 1984.
3. "Harmonic Analysis, Complex Analysis, and Clifford Analysis," and "Uses of Clifford Algebra in Harmonic Analysis," New Mexico State University, Las Cruces, 5 and 6 December 1985.
4. "Analyticity of the Gram-Schmidt Procedure," University of Texas at Austin, 23 July 1986.
5. "Uniform Analyticity of Orthogonal Projections," University of Maryland, College Park, 2 December 1986.
6. "The Cauchy Integral Formula in Harmonic Analysis," University of Notre Dame, Notre Dame, IN, 9 December 1988.
7. "Smoothing Properties of Commutators and Layer Potentials," University of Kentucky, Lexington, 13 December 1988.
8. "Regularity Properties of Commutators," St. Olaf College, Northfield, MN, 20 February 1989.
9. "Hardy Spaces and Boundary Value Problems for Operators of Dirac Type," University of South Carolina, Columbia, 24 March 1989.
10. "Regularity of the Single Layer Heat Potential in $L_{1/2}$ (BMO) Domains," University of Chicago, 5 May 1989.
11. "Hardy Spaces and Boundary Value Problems for Dirac Operators," University of Wisconsin, Madison, 12 May 1989.
12. "The Heat Equation in Time-Varying Domains," New Mexico State University, Las Cruces, 12 June 1991.
13. "Not Quite a Melting Ice Cube: The Heat Equation in Time-Varying Domains," Virginia Tech, 23 October 1992.
14. "Fourier Analysis and the Heat Equation," George Washington University (Summer Mathematics Program), 17 July 1995.
15. "Coming of Age in the Dark Ages: American Women in Mathematics in the '40s and '50s," Center for the Study of Science in Society, Virginia Tech, 18 April 1996.
16. "Calculus in the Complex Plane, Clifford Algebras, and Infinite Dimensions," Carleton College, Northfield, MN (Summer Mathematics Program), 19 July 1996.
17. "Women Becoming Mathematicians: Constructing a Professional Identity in Post-World War II America," Women in Science/Women's Studies/History Special Lecture, De Pauw University, Greencastle, IN, 24 October 1996.
18. "Women Becoming Mathematicians: Constructing a Professional Identity in Post-World War II America," Women's Studies/Women's Month Speaker Series, Virginia Tech, 10 March 1997.
19. "Women Becoming Mathematicians: American Women Mathematics Ph.D.'s of the Forties and Fifties," Carleton College (Summer Mathematics Program), 22 July 1997.

20. "Women Becoming Mathematicians in Post-WW2 America," Department of Sociology, Virginia Tech, 8 October 1997.
21. "How Women Become Mathematicians: A Look Back and a Look Forward," keynote address, Sonya Kovalevskaya Day, North Carolina A&T State University, Greensboro, 30 October 1997.
22. "The Making of a Woman Mathematician," Mathematics Club, Virginia Tech, 3 March 1998.
23. "History of Women in Mathematics," Women's Month keynote address, National Center for Health Statistics, Hyattsville, MD, 11 March 1998.
24. "Women in Mathematics: The Long and the Short of It," keynote address, Pi Mu Epsilon banquet, Virginia Tech, 8 April 1998.
25. "Coming of Age in the Dark Ages: Women Mathematics Ph.D.'s of the Forties and Fifties," Carleton College (Summer Mathematics Program), 21 July 1998.
26. "Coming of Age in the Dark Ages: Women Mathematics Ph.D.'s of the Forties and Fifties," George Washington University (Summer Mathematics Program), 28 July 1998.
27. "Women in Mathematics in America (and Elsewhere): A Look at Where We Have Been," keynote address, Fall Conference of the Blue Ridge Council of Teachers of Mathematics, Roanoke College, Salem, VA, 12 October 1998.
28. "Women Becoming Mathematicians: From Hypatia to Herta Freitag," Carleton College (Summer Mathematics Program), 13 July 1999.
29. "Women Becoming Mathematicians: From Hypatia to Herta Freitag," George Washington University (Summer Mathematics Program), 27 July 1999.
30. "Women Mathematicians in America," Virginia Tech, 15 October 1999.
31. "Women Mathematicians in America," St. Olaf College, 4 November 1999.
32. "Portrait of a Generation: American Women Mathematicians of the 1940s and 1950s," Carleton College, 4 November 1999.
33. "American Women Mathematics Ph.D.'s of the 1940s and 1950s," Macalester College, St. Paul, MN, 5 November 1999.
34. "Portrait of a Generation: American Women Mathematicians of the 1940s and 1950s," Women's Month Lecture/Science & Technology Studies Colloquium, Virginia Tech, 29 March 2000.
35. "Women in Mathematics: From Hypatia to Herta Freitag," Math Awareness Month Lecture, Virginia Tech, 24 April 2000.
36. "Women Becoming Mathematicians: Creating a Professional Identity in Post-World War II America," Carleton College (Summer Mathematics Program), 18 July 2000.
37. "Women Becoming Mathematicians: Creating a Professional Identity in Post-World War II America," George Washington University (Summer Mathematics Program), 1 August 2000.
38. "Women Becoming Mathematicians: The Doctoral Classes of the Forties and Fifties," Joint Physics/Women's Studies Colloquium, University of Virginia, Charlottesville, 3 November 2000.
39. "Women Becoming Mathematicians: Mathematics Ph.D.'s of the 1940s and 1950s," Women's Studies Program, Radford University, Radford, VA, 15 February 2001.
40. "Women Becoming Mathematicians: The Doctoral Classes of 1940–1959," Joint Mathematics/Women's Studies Colloquium, Arizona State University, Tempe, 6 March 2001.
41. "Women Becoming Mathematicians in Post-World War II America," Bryn Mawr College, Bryn Mawr, PA, 23 March 2001.
42. "Women Becoming Mathematicians: The Book," Math Awareness Month/Women's Month Lecture, Virginia Tech, 2 April 2001.
43. "American Women in Mathematics: From Christine Ladd-Franklin to Mary-Louise Parker," Carleton College (Summer Mathematics Program), 17 July 2001.
44. "American Women in Mathematics: From Christine Ladd-Franklin to Mary-Louise Parker," George Washington University (Summer Mathematics Program), 31 July 2001.

45. "Women Becoming Mathematicians," Joint Mathematics/Women's Studies Colloquium for International Women's Day, University of Tennessee at Knoxville, 8 March 2002.
46. "Women in Mathematics: A Look Back (and a Look Forward)," Celebration of Women in Mathematics at MIT, Massachusetts Institute of Technology, 13 April 2008.
47. "Hiding in Plain Sight: Women Mathematicians in the United States," D.W. Weeks Lecture Series, Massachusetts Institute of Technology, 30 March 2011.
48. "Mathematics PhDs for American Women, 1886–1959," Mathematics/Women's, Gender, and Sexuality Studies Seminar, Tufts University, 22 May 2015.
49. "Mathematics PhDs for American Women, 1940–1959," Drake University, Women in Mathematics and Computer Science (WiMaCS), 13 November 2015.
50. "A Whirlwind Tour of Women in Mathematics," Sonya Kovalevsky Day, University of Iowa, 16 April 2016.

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