

Curriculum Vitae of Michael Dorff

ADDRESS

Associate Professor
Department of Mathematics
Brigham Young University
Provo, Utah 84602

Phone: (801) 422-1752
Fax: (801) 422-0504
mdorff@math.byu.edu

EMPLOYMENT

- Associate chair, Dept. of Math., Brigham Young Univ., 2006–present.
- Visiting U.S. Fulbright scholar, Uniwersytet Marii Curie-Skłodowskiej (Poland), 2005–2006.
- Associate professor, Dept. of Math., Brigham Young Univ., 2004–present.
- Visiting assistant professor, Dept. of Math., Purdue Univ., spring 2003.
- Assistant professor, Dept. of Math., Brigham Young Univ., 2000–2004.
- Assistant professor, Dept. of Math. and Statistics, Univ. of Missouri–Rolla, 1997–2000.

EDUCATION

- Ph.D., Mathematics, Univ. of Kentucky, 1997.
- M.S., Mathematics, Univ. of New Hampshire, 1992.
- B.A., Mathematics Education, Brigham Young Univ., 1986.

TEACHING AWARDS

- “Deborah and Franklin Tepper Haimo Award” for Distinguished College or University Teaching of Mathematics, Mathematics Association of America (MAA), 2010. Each year 3 recipients are chosen nationally from among the 25,000 members of the MAA.
- “Karl G. Maeser Excellence in Teaching Award,” Brigham Young University, 2010. Each year 3 recipients are chosen from the 1,300 faculty in all disciplines at BYU.
- Distinguished Teaching Award established by a gift from Carolyn Savage Wright and the Kenneth C. Savage Foundation, BYU Department of Mathematics, 2010.
- MAA Section Teaching Award, Mathematics Association of America, Intermountain region, 2008.
- “Chancellor’s Exceptional Teacher-Scholar Apprentice Award,” University of Kentucky, 1997.
- College Teaching Award, University of Kentucky Association of Emeriti Faculty, 1997.
- “Wimberly Royster Teaching Award,” University of Kentucky Department of Mathematics, 1996.

SERVICE AWARDS

- MAA Section Meritorious Service Award, Mathematics Association of America, Intermountain Section, 2010.

- Distinguished Citizenship Award, BYU College of Physical and Mathematical Sciences, 2008.
- Distinguished Citizenship Award, BYU Department of Mathematics, 2007.

FUNDED MENTORING/TEACHING GRANTS: 10 FUNDED GRANTS FOR A TOTAL OF \$2,366,914

- Co-PI, *Careers in Math Video Series*, a proposal to the National Security Agency (NSA) to fund the production of a set of videos describing careers in mathematics. \$249,248, pending.
- Co-PI, *High-Impact Teaching Fund: TA Training*, BYU College of Physical and Mathematical Sciences grant. \$9,240. 2011–2012.
- PI, *STEM Real World Applications of Mathematics*, an NSF grant to organize a series of careers in mathematics speaker series. \$30,000. 2010–2013.
- PI, *Metacalibrations Undergraduate Research Group*, a BYU “Environment for Mentoring” (MEG) grant to conduct research with undergraduate students at Brigham Young University. \$20,000. 2010–2012.
- PI, *REU Site: Brigham Young University Undergraduate Research Experience in Mathematics*, an NSF grant to establish an 8-week summer national research center in mathematics at BYU for undergraduate students. \$336,504. 2008–2012.
- PI, *Brigham Young University Mentoring Through Critical Transitions: EMSW21-MCTP*, NSF grant to establish the national center for undergraduate research in mathematics to train professors throughout the U.S. in successfully mentoring undergraduate students in research. \$1,262,854. 2006–2010.
- PI, *Improving Elementary Math Instruction for All: A BYU-Public School Partnership Program*, Utah Office of Ed. grant. This is a collaborative project with BYU CITES, BYU College of Ed., BYU College of Physical and Math. Sci., and 5 local Utah school districts (Alpine, Jordan, Nebo, Provo, and Wasatch) to improve math instruction in K-6 public schools. \$513,000. 2006–2009.
- Co-PI, *Geometry Undergraduate Research Group*, a BYU “Environment for Mentoring” (MEG) grant to conduct research with undergraduate students at Brigham Young University. \$18,000. 2006–2007.
- PI, *Brigham Young University Undergraduate Research Experiences in Mathematics*, an NSF grant to establish an 8-week summer national research center in mathematics at BYU for undergraduate students. \$158,166. 2005–2008.
- PI, *Undergraduate Research in Geometric Measure Theory*, a BYU MEG grant to conduct research with undergraduate students at Brigham Young University. \$14,150, 2003–2004.
- PI, *Tensor Grant* from the Math. Association of America/Tensor Foundation to support women participation in an undergraduate summer workshop. \$5,000. 2002.

FUNDED RESEARCH GRANTS: 5 FUNDED GRANTS FOR A TOTAL OF \$194,448

- PI, Conference on One and Several Complex Variables, National Science Foundation (NSF). \$14,800. 2008–2009.

- PI, Monograph on Complex Analysis Research Topics, a National Science Foundation (NSF) collaborative grant to write a book on current research topics related to complex analysis. My part involves writing a chapter on planar harmonic mappings and a chapter on minimal surfaces. There are 7 mathematicians involved in this project. I am the editor of the monograph. \$137,391. 2007–2010.
- PI, a Research Fulbright Scholar award supporting a 5 month visit to collaborate on research and teach at the Catholic University in Lublin and the Marie Curie Skłodowska University in Poland, \$22,000. 2005–2006.
- PI, COBASE (Collaboration in Basic Science and Engineering) Program, a National Research Council (NRC) grant to support two 4-week research trips (one for me from the U.S. to Poland and the other for a colleague from Poland to the U.S.) to initiate collaborative research in mathematics. \$8,400. 2003.
- PI, Harmonic Univalent Functions, Univ. of Missouri Research Board. \$11,857. 1998.

REFEREED RESEARCH PUBLICATIONS

- M. Dorff, M. Nowak, and M. Wołoszkiewicz. “Harmonic mappings onto parallel slit domains.” Submitted for publication.
- M. Dorff, M. Nowak, and M. Wołoszkiewicz. “Convolutions of harmonic mappings.” *Complex Var. Elliptic Equ.*, to appear.
- M. Dorff, M. Nowak, and W. Szapiel. “Typically real harmonic functions.” *Rocky Mountain J. Math.*, to appear.
- M. Dorff and J. Szynal. “Higher order Schwarzian derivatives for convex univalent functions.” *Tr. Petrozavodsk. Gos. Univ. Ser. Mat.* **15** (2009), 7-11.
- M. Dorff and J.-L. Marichal. “Some relations between volume and area of regions in \mathbb{R}^n .” *Rocky Mountain J. Math.* **37** (2007), no. 2, 551-572.
- M. Dorff and J. Szynal. “Linear invariance and integral operators of univalent functions.” *Demonstratio Math.* **38** (2005), no. 1, 47-57.
- M. Dorff and J. Szynal. “Harmonic shears of elliptic integrals.” *Rocky Mountain J. Math.* **35** (2005), no. 2, 485-499.
- M. Dorff and M. Nowak. “Landau’s Theorem for planar harmonic mappings.” *Comput. Methods Funct. Theory* **4** (2004), no. 1, 151-158.
- M. Dorff, I. Naraniecka, and J. Szynal. “Doubly close-to-convex functions.” *J. Math. Anal. Appl.* **290** (2004), 55-62.
- M. Dorff, “Minimal graphs in \mathbb{R}^3 over convex domains.” *Proc. Amer. Math. Soc.* **132** (2004), 491-498.
- G. Jiang, T. Niederhauser, S. Davis, Y. Lua, M. Dorff, L. Howard, S. Magleby, and M. Linford. “Stability of Alkyl Monolayers on Chemomechanically Scribed Silicon to Air, Water, Hot Acid, and X-rays.” *Colloids and Surfaces A: Physicochemical and Engineering Aspects* **226**, (2003), no. 1-3, 9-16.
- M. Dorff, D. Halverson, and G. Lawlor. “Area-minimizing minimal graphs over nonconvex domains.” *Pacific J. Math.* **210**, (2003), no. 2, 229-259.
- M. Dorff. “Convolutions of planar harmonic convex mappings.” *Complex Var. Theory Appl.* **45** (2001), 263–271.

- T. Niederhauser, G. Jiang, Y. Lua, M. Dorff, D. Berges, and M. Linford. “A new process for preparing alkyl monolayers on silicon and patterning it by scribing in the presence of reactive species.” *Langmuir* **17**, (2001), 5889-5900.
- M. Dorff. “Harmonic mappings onto asymmetric vertical strips.” *Computational methods and function theory 1997 (Nicosia)*, Ser. Approx. Compos. 11. River Edge, NJ: World Sci. Publishing, 1999, 171–175.
- M. Dorff. “Some harmonic n -slit mappings.” *Proc. Amer. Math. Soc.* **126** (1998), 569–576.
- M. Dorff and T. Suffridge. “The inner mapping radius of harmonic mappings of the unit disk.” *Complex Var. Theory Appl.* **33** (1997), 97–103.

REFEREED CHAPTERS IN A BOOK

- M. Dorff. “Minimal surfaces.” Chapter in the book *Explorations in Complex Variables*. The AMS, MAA, and Jones & Barlett are interested in publishing the book; we have not decided on which publisher to use.
- M. Dorff. “Harmonic univalent mappings.” Chapter in the book *Explorations in Complex Variables*. The AMS, MAA, and Jones & Barlett are interested in publishing the book; we have not decided on which publisher to use.

OTHER REFEREED PUBLICATIONS

- B. Bailey, M. Budden, M. Dorff, and U. Ghosh-Dastidar. “Undergraduate Research: How Do We Begin?” *MAA Focus*, Jan. 2009, pp. 14-16.
- M. Dorff. “Center for Undergraduate Research in Mathematics (CURM) at Brigham Young University.” *Proc. for Promoting Undergraduate Research in Math..* ed. J. Gallian, Amer. Math. Soc., Providence, 2007, 245-249.
- M. Dorff. “Summer Mathematics Research Experience for Undergraduates (REU) at Brigham Young University.” *Proc. for Promoting Undergraduate Research in Math..* ed. J. Gallian, Amer. Math. Soc., Providence, 2007, 23-26.
- M. Dorff and L. Hall. “Solids in \mathbb{R}^n whose area is the derivative of the volume.” *The College Math. J.* **34** (2003), no. 5, 350-358.

INVITED COLLOQUIA OR RESEARCH TALKS AT UNIVERSITIES AND CONFERENCES

- Harmonic and Quasiconformal Mappings ICM 2010–Satellite Conference and Workshop, Chennai, India, Aug. 2010. Invited to give 3 one-hour plenary talks.
- Univ. of Colorado at Colorado Springs, Apr. 2010.
- US Air Force Academy, Mar. 2010.
- Joint AMS/MAA Mathematics Meeting, San Francisco, Jan. 2010.
- AMS regional meeting, Waco, Texas, Oct. 2009.
- Fresno State Univ., Sep. 2009.
- Univ. of Northern Iowa, Apr. 2009.
- Joint AMS/MAA Mathematics Meeting, Washington, D.C., Jan. 2009.
- Colorado College, Oct. 2008.

- Geometric Function Theory Conference, Petrozavodsk, Russia, Jul. 2008.
- Complex Analysis and Special Functions Workshop, Texas Tech Univ., Nov. 2007.
- AMS/Polish Mathematical Society international conference, Warsaw, Poland, Aug. 2007.
- Instytut Matematyki, Uniwersytet Marii Curie-Skłodowskiej, Lublin, Poland, May 2007.
- Instytut Matematyki, Katolicki Uniwersytet Lubelski (a set of 5 lectures), Lublin Poland, Dec. 2005-Jan. 2006.
- Instytut Matematyki, Uniwersytet Marii Curie-Skłodowskiej (a set of 12 lectures), Lublin, Poland, Oct. 2005-Jan. 2006.
- Computational Methods and Function Theory Conference, Joensuu, Finland, Jun. 2005.
- Special Functions in Harmonic Analysis and Applications Conf., Irsee, Germany, Jul. 2004.
- Joint AMS/MAA Mathematics Meeting, Phoenix, Jan. 2004.
- Instytut Matematyki, Katolicki Uniwersytet Lubelski, Lublin, Poland, Dec. 2003.
- Instytut Matematyki, Uniwersytet Marii Curie-Skłodowskiej, Lublin, Poland, July 2003.
- Instytut Matematyki, Politechnika Rzeszowska, Rzeszów, Poland, June 2003.
- Instytut Matematyki, Politechnika Łódzka, Łódź, Poland, June 2003.
- American Mathematical Society regional meeting, Portland, Jun. 2002.
- Joint AMS/MAA Mathematics Meeting, San Diego, Jan. 2002.
- Instytut Matematyki, Uniwersytet Marii Curie-Skłodowskiej, Lublin, Poland, May 2001.
- Instytut Matematyki, Politechnika Łódzka, Łódź, Poland, May 2001.
- The Show-Me State Lectures (plenary speaker), St. Louis, Missouri, Apr. 2000.
- Second International Workshop on Planar Harmonic Mappings, Technion, Haifa, Israel, Jan. 2000.
- Joint AMS/MAA Mathematics Meeting, San Antonio, Texas, Jan. 1999.
- Computational Methods and Function Theory Conference, Nicosia, Cyprus, Oct. 1997.
- Joint AMS/MAA Mathematics Meeting, San Diego, California, Jan. 1997.
- Joint AMS/MAA Mathematics Meeting, Orlando, Florida, Jan. 1996.

INVITED SPEAKER ON GENERAL MATHEMATICS TOPICS

- Plenary speaker at the 2011 Spring Michigan MAA Meeting at Western Michigan Univ., May 2011.
- Calvin College, Michigan, May 2011.
- Univ. of Kentucky, Kentucky, Apr. 2011.
- Plenary speaker at the 2011 “Midwest Undergraduate Mathematics Symposium” at Simpson College, Iowa, Apr. 2011.

- “Robert Noyce Teacher Scholarship” Colloquium speaker at East Central University, Oklahoma, Mar. 2011.
- “Natural Sciences and Mathematics” Colloquium speaker at St. Mary’s College of Maryland, Maryland, Feb. 2011.
- Jackson State Univ. (HBC), Mississippi, Jan. 2011.
- “Math for Everyone Series” Colloquium speaker at Univ. of Notre Dame, Indiana, Nov. 2010.
- Lyman Briggs College Colloquium speaker at Michigan State Univ., Michigan, Nov. 2010.
- “Focus on Math Series” Colloquium speaker at Brigham Young Univ., Utah, Oct 2010.
- CUNY Tech, New York, Oct. 2010.
- Bronx High School of Science, New York, Apr. 2010.
- Univ. of Wisconsin – Stout, Wisconsin, Apr. 2010.
- Plenary speaker at the 2010 “Distinguished Mathematics Lecture Series” at Winona State Univ., Minnesota, Apr. 2010.
- Colorado College, Colorado, Apr. 2010.
- Calif. State Univ. Fullerton, California, Feb. 2010.
- Long Beach State, California, Feb. 2010.
- Monmouth University, New Jersey, Nov. 2009.
- The College of New Jersey, New Jersey, Nov. 2009.
- Utah Valley University, Utah, Oct. 2009.
- Sam Houston State University, Texas, Oct. 2009.
- Lamar University, Texas, Oct. 2009.
- Fresno State Univ., California, Sep. 2009.
- Northern Georgia Colleges and State University, Georgia, Aug. 2009.
- “Sigma Xi (Scientific Research Society)” Colloquium speaker at Univ. of Northern Iowa, Iowa, Apr. 2009.
- Hampton University (HBC), Virginia, Mar. 2009.
- Calif. State Univ. Channel Islands, Oct. 2007.
- Calif. Lutheran Univ., Oct. 2007.
- Southern Utah Univ., Oct. 2006.
- Lonepeak High School, Utah, May 2006.
- Timpview High School, Utah, May 2004.
- Lonepeak High School, Utah, May 2004.
- Illinois College, Oct. 2003.
- BYU-Idaho, Sept. 2003.

INVITED SPEAKER ON MENTORING UNDERGRADUATE STUDENTS IN RESEARCH

- Jackson State Univ. (HBC), Mississippi, Jan. 2011.

- Project NExT panel at the Joint AMS/MAA Mathematics Meeting, New Orleans, Jan. 2011.
- Univ. of Wisconsin – Stout, Wisconsin, Apr. 2010.
- The College of New Jersey, New Jersey, Nov. 2009.
- The Center for Undergraduate Research in Mathematics (CURM) 2-day summer workshop (main speaker), 2007, 2008, 2009, 2010.
- Univ. of Northern Iowa, Iowa, Apr. 2009.
- Project NExT panel at the Joint AMS/MAA Mathematics Meeting, San Diego, Jan. 2008.
- Pepperdine Univ., California, Oct. 2007.
- Joint AMS/MAA Mathematics Meeting, New Orleans, Jan. 2007.

INVITED SPEAKER ON RECRUITING STUDENTS TO TAKE MORE MATH CLASSES

- MAA minicourse, “Recruiting more students to take mathematics courses,” Lexington, Kentucky, Aug. 2011.
- Plenary speaker at the 2011 Project NExT summer Workshop before MathFest, Lexington, Kentucky, Aug. 2011.
- MAA Sectional Meeting, Michigan Section, Kalamazoo, Michigan, May 2011.
- MAA Sectional Meeting, Intermountain Section, Cedar City, Utah, April 2011.
- MAA minicourse, “Recruiting more students to take mathematics courses,” Pittsburgh, Aug. 2010.
- Plenary speaker at the “Haimo Award Presentation,” 2010 Joint AMS/MAA Mathematics Meeting, San Francisco, Jan. 2010.
- Project NExT panel at MathFest, Portland, Oregon, Aug. 2009.

TEACHING EXPERIENCE

- August 2000–present, Department of Mathematics, Brigham Young University.
Courses taught include:
 - Freshman Level: Intro to Being a Math Major, Calculus I, Calculus II, Calculus for Non-science Majors.
 - Sophomore Level: Calculus of Several Variables, Ordinary Differential Equations, Advanced Engineering Math.
 - Junior Level: Complex Variables, Geometry for Perspective Teachers, Differential Geometry.
 - Graduate Level: Complex Analysis, Differential Geometry, Real Analysis.
- August 1997–2000. Assistant Professor, Department of Mathematics and Statistics, University of Missouri - Rolla. Courses taught include:
 - Freshman Level: Calculus I, Calculus II.
 - Junior Level: Linear Algebra, Mathematics for Elementary School Teachers.
 - Senior Level: Complex Variables, Tensor Calculus, Differential Geometry.
 - Graduate Level: Intro. to Real Analysis, Complex Analysis I, Complex Analysis II.

RESEARCH INTERESTS

Geometric function theory, complex analysis, and minimal surfaces.

STUDENTS INVOLVED IN RESEARCH SINCE 2004

- M.S. students: Robert Berry('03-'04), Lauritz Peterson('04-'05), Steve Taylor('06-'07).
- Undergraduate students: Tina Benhaim ('07), Gia Bloomstrand ('07), Valmir Bucaj ('10), Laura Cannon ('05), Sarah Cannon ('10), Amanda Clingerman ('07), Evelyn Crofts ('07), Amanda Curtis ('10), Diana Dimond ('04), Sam Ferguson ('09), Heather Florence ('04), Laura Graham ('09), Karla Hendricks ('06), Angela Hicks ('05), Ryan Hubscher ('05), Jordan Hull ('09), Leah Jackman ('07), Jamal Lawson ('10), Rachel Messick ('10), Darren Ong ('07), Adam Rich ('05), Brian Rushton ('06), Jessica Spicer ('09), Ashley Swannack ('05), Ryan Viertel ('10), Jared Whitehead ('05), Melissa Yeung ('09).

EXAMPLES OF NATIONAL SERVICE

- Director of National Programs
 - Founding director of the *Center for Undergraduate Research in Math* (CURM) at BYU funded by the National Science Foundation(NSF) for \$1,262,854 (2006–2010) (see <http://curm.byu.edu/>).
 - Founding director of the *BYU Summer Math. Research Experience for Undergraduates* (REU) funded by NSF for \$336,504 (2008–2012) and \$158,166 (2005–2008) (see <http://math.byu.edu/reu/>).
 - Director of the one-week *BYU Summer Mathematics Institute* for undergraduates, 2001–2004.
- National Organizations
 - The Mathematical Association of America (MAA), which is the largest U.S. organization with about 25,000 members dedicated to the teaching and learning of undergraduate mathematics.
 - * Governor of the MAA Intermountain Section, 2010-2012.
 - * MAA national committee on *Early Career Mathematicians*, member 2007–2012, chair of committee 2009–2012.
 - * MAA national committee on *Council on the Profession*, member 2009–2012.
 - * MAA national subcommittee on *Research By Undergraduates*, member 2007–2012, chair of committee 2009–2012.
 - * MAA national committee for *Strategic Planning Working Group on STEM-related issues in Mathematics*, member 2008-2009.
 - Council on Undergraduate Research (CUR), which is a national organization promoting undergraduate research in all disciplines.
 - * Councilor in the Math/CS division, 2008–present.
 - * Vice-president of the Math/CS division, 2009–present.
 - Project NExT (New Experiences in Teaching), which is a national program to help new mathematics professors who are interested in improving the teaching and learning of undergraduate mathematics.

- * Consultant and mentor to new math. professors: Roummel Marcia (2010, Univ. of Calif., Merced); Jeff Blanchard (2008, Univ. of Utah); Frank Lynch (2006, Westminster College); David Brown (2005, Utah State Univ.); Bryna Kohler (2004, Utah State Univ.); and David Hartenstine (2002, Univ. of Utah).
- Reviewer and Referee
 - Invited on-site external reviewer for program reviews of mathematics departments
 - * Denison Univ., Ohio, Apr. 2011.
 - * Winona Univ., Minnesota, Feb. 2011.
 - * The College of New Jersey, May 2010.
 - * Rowan Univ., New Jersey, Apr. 2010.
 - Reviewer for National Science Foundation (NSF) grant proposals
 - * Proposal reviewer for DMS (Division of Mathematical Sciences) – Infrastructure Program, 2009, 2010.
 - * Panel reviewer for DMS – REU (Research Experiences for Undergraduates) Program, 2003.
 - * Member of the Site Visit Review Team for DMS – MIE (Model Institutions for Excellence), Xavier Univ. in New Orleans, 2003.
 - * Panel reviewer DUE (Division of Undergraduate Education) – CCLI (Course, Curriculum and Laboratory Improvement), 2001, 2002 (chair of panel), 2003 (chair of panel).
 - * Proposal reviewer for DMS (Division of Mathematical Sciences) – Geometric Analysis, 2002.
 - Editorial Board:
 - * Associate editor, *American Mathematical Monthly*, 2011–present.
 - * Associate editor, *Involve: a journal of mathematics*, 2007–present. *Involve* is dedicated to showcasing and encouraging high quality mathematical research involving students (at all levels). All manuscripts accepted for publication in *Involve* should be publishable in quality journals in their respective fields.
 - Journal referee for: *J. Math. Anal. Appl.*; *Amer. Math. Monthly*; *Complex Var. Theory Appl.*; *Acta Mathematica Sinica*, *Rocky Mountain J. Math.*; *Involve*; *Abstr. Appl. Anal.*; *Computers and Math. Appl.*; *Ann. Univ. Mariae Curie-Skłodowska Sect. A*; *Int. J. Math. Math. Sci.*; *Int. J. Comput. Math.*; *Appl. Math Letters*; *Math. Comp. Model.*; *Open Math. Journal*; *Bull. Malaysian Math. Sci. Soc.*, 2001–present.
- Conference Organizer
 - Main organizer of the Center for Undergraduate Research in Mathematics (CURM) Spring research Conference at Brigham Young University, March 2010, March 2011.
 - Main organizer of the “2008 One and Several Complex Variables Conference,” at the University of Kentucky, May 2008.
 - Main organizer of the joint Center for Undergraduate Research in Mathematics (CURM) and MAA Intermountain Sectional Meeting at Brigham Young University, March 2008, March 2009.

- Co-organizer at the American Math. Society (AMS) and Polish Math. Society (PTM) International Conference for a special session in “Geometric Function Theory” in Warsaw, Poland, August 2007.
- Co-organized the American Math. Society (AMS) special session on “Area-minimization and minimal surfaces,” at AMS sectional meeting, in Salt Lake City, October 2002.

EXAMPLES OF STATE/UNIVERSITY SERVICE

- Member of the Dean selection committee for the BYU College of Physical and Mathematical Sciences, 2007.
- Member of the Utah Office of Education Committee to evaluate the Utah State K-12 Mathematics Standards, 2006.
- Member of the BYU CITES (Center for the Improvement of Teaching Education and Schooling) Math Initiative Committee consisting of representatives from 5 local public school districts and BYU faculty with a commission from Dean Richard Young of the College of Education “to engage in an exploration of an approach to teaching numeracy which would be more effective in helping children to learn,” 2004–present.

EXAMPLES OF COLLEGE/DEPARTMENT SERVICE

- Associate chair, BYU Dept. of Math. Responsibilities included: scheduling of classes and instructors, meeting with students who had complaints, managing finances for travel and undergraduate research, evaluating and interviewing new staff hires, overseeing the Math Lab, and advising and assisting the department chair. 2006–present
- Member of the College’s Spring Research Planning Committee, 2007–2008.
- Speaker on “Effective Teaching Strategies” at the College’s Fall TA Training Workshop, 2006, 2007, 2008.
- Member of the BYU Math. Dept. Planning Committee, 2004–present.
- Chair of the Department’s PR Committee, 2004–2005.
- Member of the Department’s Graduate Committee, 2002–2006.

PROFESSIONAL AFFILIATIONS

- American Mathematical Society (AMS)
- Association for Women in Mathematics (AWM)
- Council on Undergraduate Research (CUR)
- Fulbright Association
- Mathematics Association of America (MAA)
- Project NExT (New Experiences in Teaching) Fellow