Curriculum Vitae

LYNDA R. WIEST, Ph.D.

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Research/Scholarly Interests

Research and classroom applications in K-12 (especially K-8) teaching and learning, particularly in the areas of mathematics and educational equity, with special interest in:

- mathematical problem solving and reasoning
- geometry and spatial skills
- gender equity
- LGBTQ+ students and faculty
- pre-service and in-service teacher education

Academic Degrees

Ph.D. Curriculum Studies/Mathematics Education, Indiana University, Bloomington, IN, 1996

M.Ed. Elementary Education, Bloomsburg University, Bloomsburg, PA, 1984

B.S. Elementary Education (mathematics minor), Bloomsburg State College, Bloomsburg, PA, 1979

Professional Experience

Employment

Professor, College of Education, University of Nevada, Reno, 2009 to present

Associate Professor, College of Education, University of Nevada, Reno, 2001-2009

Assistant Professor, College of Education, University of Nevada, Reno, 1996-2001

Associate Instructor, School of Education, Indiana University–Bloomington, 1990-1991, 1992-1996

Elementary/Middle School Teacher, Elizabethtown Area School District, Elizabethtown, PA, 1980-1990, 1991-1992

University Courses Taught

Combined undergraduate/graduate courses are listed by their primary student composition.

University of Nevada, Reno

Undergraduate
- *Teaching and Learning Mathematics Birth to Age 8* (EDS 451/651), 2006, 2009
- *Methods for Teaching PK-8 Mathematics* (EDEL 433/633), 1996-present
- *Field-Based Teaching and Assessment in Elementary Schools* (EDES 413/613), 1998-2003, 2012
- *Special Project Workshop in Curriculum & Instruction [Merging Multiple Literacies and Languages: Cross-Cultural Perspectives]* (CI 483/683), 2003 [online and on site in San Sebastian, Spain, through the University Studies Abroad Consortium]
- *Supervised Practicum in the Elementary School* (CI 451), 1997

Graduate
- *Gender Issues in Education** (EDS 761), 2004-present [includes versions taught in Italy and Costa Rica through the University Studies Abroad Consortium]
- *Equity & Diversity in Math and Science Education** (EDS 748), 2007-present
- *Advanced Methods of Teaching Mathematical Problem Solving** (EDS 749), 2000-present
- *Advanced Methods of Teaching Geometry & Measurement** (EDS 750), 1999-present
- *Critical Numeracy Across the Curriculum** (EDS 747), 2004-2019
- *LGBT+ Issues in Education** (EDUC 760), 2018-present
- *Comprehensive Examination** (EDS 795) [as an online course], 2012-2017
- *Professional Seminar in Educational Specialties* (EDUC 779), 2004-2016
- *Education Workshop/Project [Social Class and Schooling]** (EDUC 497/697), 2012 [on site in Brighton, England, through the University Studies Abroad Consortium]
- *Curriculum Development in Mathematics* (CI 642), 1998, 2000, 2002
- *Special Problems in Curriculum and Instruction [Leadership in Mathematics Education]** (CI 481/681), 2000
- *Sociocultural Concerns in Education* (CI 620), 1996, 1997
- Independent studies and internships (1-2 annually)

*new courses I developed

Indiana University–Bloomington

- *Legal, Ethical, and Gender Issues in Education* (M301), 1995-1996
- *Field Experience and Seminar* (M401), 1995-1996
- *Mathematics in the Elementary Schools* (E343), 1994-1995
- *Math-Science Laboratory-Field Experience for Elementary Teachers* (M201), 1990-1994

Editorial Experience

Editor, Take Time for Action department, *Mathematics Teaching in the Middle School*, 2005-2009

Editorial Panel Member, *Mathematics Teaching in the Middle School*, 2001-2003

Manuscript Referee, numerous national and international academic journals on an ongoing basis

Reviewer, miscellaneous professional products/publications (CD, book, several book chapters)

Editorial Assistant, *Journal for Research in Mathematics Education*, 1995

Other Professional Experience (2000-Present)

Chair, Department of Educational Studies, College of Education, University of Nevada, Reno, 2021 to present

Program Coordinator, Equity, Diversity, & Language Education (formerly Literacy, Language & Culture), College of Education, University of Nevada, Reno, 2017 to present

Co-developer & Coordinator, Equity & Diversity in Education doctoral strand, College of Education, University of Nevada, Reno, 2013 to present

Key Personnel, Community of Bilingual English Spanish Speakers (CBESS) project funded by the National Institutes of Health, 2017-2022

Founder and Director, Northern Nevada Math & Technology Program, 1998 to present

Interim Director, Division of Professional Specialized Studies, College of Education, University of Nevada, Reno, July to December 2020

Faculty Facilitator, Association of College and University Educators' *Course in Effective Teaching Practices*, University of Nevada, Reno, 2016-2019

Program Director, Equity and Diversity in Education master's program, College of Education, University of Nevada, Reno, 2011-2017

Faculty Associate, Gender, Race, and Identity Program, University of Nevada, Reno, 2008 to present

Guest lecturer, University of Wyoming, 2016

Guest lecturer, University of Nebraska Omaha, 2015, 2016

Grant proposal reviewer, Research on Gender in Science and Engineering, National Science Foundation, Washington, DC, 2012

Co-chair, Thirty-Third Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education. Reno, NV, 2011

Writer, five online courses for Online and Independent Learning, University of Nevada, Reno, 2009-2011

Writer and presenter, "Gender and Sexuality" DVD for training series titled *Dealing with Diverse Populations in Immigration Court*, National Judicial College, University of Nevada, Reno, June 2010

Invited instructor, Integrating Ethnic, Gender, and Cultural Issues in Judicial Education, National Judicial College, University of Nevada, Reno, May 2005

Principal Investigator and Co-project Director, Project Math PLUSS (Practicum Leaders Using State Standards) [K-6 professional development program], Reno, NV, 2002-2003

Invited participant, NOVA (NASA Opportunities for Visionary Academics) Conference, Ames Research Center, Moffett Field, CA, Nov. 13-15, 2002

Elementary Education Program Coordinator, Department of Curriculum & Instruction, University of Nevada, Reno, 2000-2002

Professional Honors And Awards (1999-Present)

Louise Hay Award for Mentoring (for outstanding contributions to mathematics education), Association for Women in Mathematics, 2021

Distinguished Alumni Award, Indiana University Bloomington School of Education, 2021

Willystine Goodsell Award (for scholarship, activism, and community building on behalf of women, girls and education), Research on Women and Education Special Interest Group of the American Educational Research Association, 2020

Women in Leadership STEM Award, Girl Scouts of the Sierra Nevada, 2015

F. Donald Tibbitts Distinguished Teacher Award, University of Nevada, Reno, 2015

Rhema Hall of Honor & Award (for years of outstanding service and devotion to Northern Nevada Math and Technology Program), Rhema Christian Church, Reno, NV, 2013

The Karen Dee Michalowicz Award (for outstanding service to the national organization Women and Mathematics Education), 2013

Outstanding Outreach Award, College of Education, University of Nevada, Reno, 2012

Women of Achievement Award, Nevada Women's Fund, 2006

Nevada Regent's Academic Advisor Award (graduate level), 2003

Outstanding College of Education Researcher, University of Nevada, Reno, 2002

Faculty Fellow, Project Learning Links (infusing technology into teaching), College of Education, University of Nevada, Reno, Fall 2002, Spring 2001

Community Service Award, The Zonta Club of Greater Reno, 2001

Sarah Winnemucca Award (for implementing educational equity in the community), American Association of University Women, Nevada Chapter, 2000

Outstanding Faculty Member of the University and Community College System of Nevada, 1999

Featured Education Innovator (for cultural immersion project developed and conducted in a graduate teacher education class), *NEA Today* [NEA: National Education Association], 1999

Publications

Books, Book Chapters, and Conference Proceedings

Wiest, L. R., Crawford-Ferre, H. G., & Sanchez, J. E. (2021). *Out-of-school-time STEM programs for females: Implications for education research and practice* (Vol. II: Short-Term Programs). Charlotte, NC: Information Age Publishing.

McGraw, R., Piatek-Jimenez, K., **Wiest, L.**, Dias, A., Gonçalves, H. J. L., Hall, J., Hodge, A., Kersey, B., & Rubel, L. (2019). Working group on gender and sexuality in mathematics education: Experiences of people across cultures. In S. Otten, A. G. Candela, Z. de Araujo, C. Haines, & C. Munter, (Eds.), *Proceedings of the 41st Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 1940-1953). St. Louis, MO: University of Missouri.

Goral, M. B., & **Wiest, L. R.** (2018). An arts-based approach to teaching fractions. In S. McMillen, E. Friedland, & P. del Prado Hill (Eds.), *Integrating math across the k-6 curriculum*. Reston, VA: National Council of Teachers of Mathematics.

Piatek-Jimenez, K., McGraw, R., **Wiest, L. R.**, Hall, J., Hodge, A., Kersey, E., Rubel, L., & Stoehr, K. (2018). Working group on gender and sexuality in mathematics education: Linking the past to the future. In T.E. Hodges, G. J. Roy, & A. M. Tyminski, (Eds.), *Proceedings of the 40th Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 1459-1468). Greenville, SC: University of South Carolina & Clemson University.

Dornoo, M., D., & **Wiest, L. R.** (2017). Preservice teachers' perspectives on and preparation for teaching mathematics equitably. In E. Galindo & J. Newton (Eds.), *Proceedings of the Thirty-Ninth Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 961-964). Indianapolis, IN: Hoosier Association of Mathematics Teacher Educators.

Wiest, L. R., Sanchez, J. E., & Crawford-Ferre, H. G. (2017). *Out-of-school-time STEM programs for females: Implications for education research and practice* (Vol. I: Longer-Term Programs). Charlotte, NC: Information Age Publishing.

Wiest, L. R., Brock, C. H., & Pennington, J. L. (2016). Exploring LGBTQ issues in K-12 education: A dialogue with graduate students. In V. E. Bloomfield & M. E. Fisher (Eds.), *LGBTQ voices in education: Changing the culture of schooling* (pp. 13-26). New York: Routledge.

Sanchez, J. E., DeFlorio, L., Oikonomidoy, E., & **Wiest, L. R.** (2016). Students' views of connectedness in a college of education with respect to climate and diversity (2nd ed., vol. 28, pp. 36-39). *Proceedings of the Northern Rocky Mountain Research Association's 34th Annual Conference*.

Crawford-Ferre, H. G., & **Wiest, L. R.** (2016). Out-of-school-time STEM programming for females: One strategy for addressing gender-related beliefs in mathematics (2nd ed., vol. 28, pp. 43-46). *Proceedings of the Northern Rocky Mountain Research Association's 34th Annual Conference*.

Pop, K. J., & **Wiest, L. R.** (2016). Balancing family responsibilities and graduate school demands (2nd ed., vol. 28, pp. 40-42). *Proceedings of the Northern Rocky Mountain Research Association's 34th Annual Conference*.

Wiest, L. R., Thomas, T. A., & Amankonah, F. O. (2015). Conceptual versus procedural approaches to ordering fractions. In M. Che & K. Adophson (Eds.), *Proceedings for the 42nd Annual Meeting of the Research Council on Mathematics Learning* (pp. 1-8). Las Vegas, NV: Research Council on Mathematics Learning.

Wiest, L. R. (2015). Embracing sexual diversity in classroom teaching. In F. B. Boyd & C. H. Brock (Eds.), *Social diversity within multiliteracies: Complexity in teaching and learning* (74-88). New York: Routledge.

Brock, C., Caldwell, D., **Wiest, L. R.** (2015). "I hope my writing will change your opinion": A critique of disciplinary writing instruction in a grade six classroom. In J. Turbill, G. Barton, & C. Brock (Eds.), *Teaching writing in today's classrooms: Looking back to look forward* (pp. 123-137). Norwood, South Australia: Australian Literacy Educators' Association.

Brock, C., **Wiest, L.**, Goatley, V., Raphael, T., Trost-Shahata, E., & Weber, C. (2014). Reading within and across texts. In C. H. Brock, V. J. Goatley, T. E. Raphael, E. Trost-Shahata, & C. M. Weber (Eds.), *Engaging students in disciplinary literacy, k-6: Reading, writing, and teaching tools for the classroom* (pp. 35-56). New York: Teachers College Press.

Wiest, L. R., & Lamberg, T. (Eds.). (2011). *Proceedings of the Thirty-Third Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education*. Reno, NV: University of Nevada, Reno.

Wiest, L. R., & Vega, S. (2011). Identity and power issues in mathematics for adolescent females. In **L. R. Wiest** & T. Lamberg (Eds.), *Proceedings of the Thirty-Third Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 709-716). Reno, NV: University of Nevada, Reno.

Wiest, L. R. (2011). Females in mathematics: Still on the road to parity. In B. Atweh, M. Graven, W. Secada, & P. Valero (Eds.), *Mapping equity and quality in mathematics education* (pp. 325-339). New York: Springer.

Hossain, M. M., & **Wiest, L. R.** (2011). Web 2.0 technologies in building collaborative teaching-learning environments for middle school geometry instruction. *Proceedings of Global TIME 2011* (pp. 73-76). Chesapeake, VA: AACE.

Hossain, M. M., & **Wiest, L. R.** (2011). Building Web 2.0-based collaborative environments for teaching-learning high school geometry. In M. Koehler & P. Mishra (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2011* (pp. 3064-3069). Chesapeake, VA: AACE.

Wiest, L. R. (2010). Out-of-school-time (OST) programs as mathematics support for females. In H. J. Forgasz, J. R. Becker, K.-H. Lee, & O. B. Steinthorsdottir (Eds.), *International perspectives on gender and mathematics education* (pp. 55-86). Charlotte, NC: Information Age Publishing.

Brock, C., **Wiest, L.**, Salas, R., & Townsend, D. (2009). Figure it like a mathematician: Integrating mathematics and literacy to support English learners in third grade. In C. Brock, D. Lapp, R. Salas, & D. Townsend (Eds.), *Academic literacy for English learners: High-quality instruction across content areas* (pp. 43-59). New York: Teachers College Press.

Wiest, L. R. (2008). Selected resources for encouraging females in mathematics. In P. C. Elliott & C. M. E. Garnett (Eds.), *Getting into the mathematics conversation: Valuing communication in mathematics classrooms* (pp. 61-68). Reston, VA: National Council of Teachers of Mathematics. [reprint of 2001 *Mathematics Teacher* article]

Lamberg, T. d., & **Wiest, L. R.** (Eds.). (2007). *Proceedings of the Twenty-Ninth Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education*. Reno, NV: University of Nevada, Reno.

Wiest, L. R. (2007). Student response to a sociocultural issues in mathematics education graduate course [abstract]. In T. d. Lamberg & **L. R. Wiest** (Eds.), *Proceedings of the Twenty-Ninth Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 219-220). Reno, NV: University of Nevada, Reno.

Wiest, L. R. (2004). Twelve ways to have students analyze culture. In F. Schultz (Ed.), *Annual editions: Education, 2004/2005* (pp. 139-141). Guilford, CT: McGraw-Hill/Dushkin. [reprint of 2003 *Clearing House* article]

Wiest, L. R. (2001). The role of computers in mathematics teaching and learning. In D. J. Tooke & N. Henderson (Eds.), *Using information technology in mathematics education* (pp. 41-55). New York: Haworth Press. [reprint of 2001 *Computers in the Schools* article]

Kloosterman, P., Hassan, M. A., & **Wiest, L. R.** (2000). Building a problem-solving environment for teaching mathematics. In I. Gal (Ed.), *Adult numeracy education: Theory, research, practice* (pp. 51-72). Cresskill, NJ: Hampton Press.

Peer-Reviewed Journal Articles

Dornoo, M. D., & **Wiest, L. R.** (in press). Preservice teachers' perspectives on and preparation for teaching mathematics equitably. *Mathematics Teacher Education and Development*.

Wiest, L., & Treacy, A. (in press). The role of non-chair committee members in doctoral dissertations. *The National Teaching & Learning Forum*.

Wiest, L. R. (2021). Prying open the closet door: A call for research on sexual identity and mathematics education. *Mathematics Education Research Journal*.

Brock, C. H., **Wiest, L. R.**, & Thraillkill, L. (2021). Learning quantitative literacy: A sixth-grade disciplinary literacy unit. *The Reading Teacher*, *74*(6), 733-746.

Oikonomidoy, E., **Wiest, L. R.**, Sanchez, J. E., & DeFlorio, L. (2019). Floating on the fringe: College of education students' discourse about diversity. *The Teacher Educator*, 54(4), 377-396.

Wiest, L. R., & Amankonah, F. O. (2019). Conceptual versus procedural approaches to ordering fractions. *European Journal of Science and Mathematics Education*, *7*(1), 61-72.

Wiest, L. R., Brock, C. H., Morton, C. M., Colbert, M. N., Linton, R. J., & Herrera, B. (2019). A collaborative journey toward understanding the role of social class in teaching and learning. *Journal of Education and Learning*, *8*(1), 1-11.

Wiest, L. R. (2019). Role models for girls in maths. *Mathematics in School*, *48*(1), 7-9.

Wiest, L. R., & Treacy, A. C. (2019). Faculty preparation to work with college students with mental health issues. *Educational Research: Theory and Practice*, *30*(1), 46-50.

Sanchez, J. E., DeFlorio, L., **Wiest, L. R.**, & Oikonomidoy, E. (2018). Student perceptions of inclusiveness in a college of education with respect to diversity. *College Student Journal*, *52*(3), 397-409.

Wiest, L. R., & Pop, K. J. (2018). Guiding dominating students to more egalitarian classroom participation. *Transformative Dialogues*, *11*(1), 1-6.

Oikonomidoy, E., & **Wiest, L. R.** (2017). Navigating cross-boundary connections in educational research. *International Journal of Research & Method in Education*, *40*(1), 53-65.

Haghverdi, M., & **Wiest, L. R.** (2016). The effect of contextual and conceptual rewording on mathematical problem-solving performance. *The Mathematics Educator*, *25*(1), 56-73.

Crawford-Ferre, H. G., **Wiest, L. R.**, & Vega, S. (2016). Teaching middle-grades mathematics through financial literacy. *Kappa Delta Pi Record*, *52*(2), 79-82.

Lamberg, T., & **Wiest, L. R.** (2015). Dividing fractions using an area model: A look at in-service teachers' understanding. *Mathematics Teacher Education and Development*, *17*(1), 30-43.

Wiest, L. R., & Oikonomidoy, E. (2013). Question development in two online graduate teacher education courses. *International Journal of Online Pedagogy and Course Design*, *3*(4), 68-84.

Hossain, M., & **Wiest, L. R.** (2013). Collaborative middle school geometry through blogs and other Web 2.0 technologies. *Journal of Computers in Mathematics and Science Teaching*, *32*(3), 337-352.

Crawford-Ferre, H. G., & **Wiest, L. R.** (2013). Single-sex education in public school settings. *The Educational Forum*, *77*, 300-314.

Treacy, A. C., Casillas, N., & **Wiest, L. R.** (2013). Exploring the importance of an introductory doctoral course. *The Researcher*, *25*(1), 6-20.

Thomas, T. A., & **Wiest, L. R.** (2013). Video games as a context for numeracy development. *Australian Primary Mathematics Classroom*, *18*(3), 29-34.

Brock, C. H., & **Wiest, L. R.** (2012). A five-year retrospective analysis of student learning in a university diversity course. *Journal of Higher Education Theory and Practice*, *12*(6), 59-73.

Crawford-Ferre, H. G., & **Wiest, L. R.** (2012). Effective online instruction in higher education. *Quarterly Review of Distance Education*, *13*(1), 11-14.

Wiest, L. R., Brock, C. H., & Pennington, J. L. (2012). Exploring educational equity for GLBT students and teachers. *Teacher Education and Practice*, *25*(1), 119-130.

Lamberg, T., & **Wiest, L. R.** (2012). Conceptualizing division with remainders. *Teaching Children Mathematics*, *18*(7), 426-433.

Pennington, J. L., Brock, C. H., Abernathy, T. V., Bingham, A., Major, E. M., **Wiest, L. R.**, & Ndura, E. (2012). Teacher educators' dispositions: Footnoting the present with stories from our pasts. *Studying Teacher Education*, *8*(1), 69-85.

Oikonomidoy, E., & **Wiest, L. R.** (2011). Creating transnational mathematics classrooms. *Mathematics Teaching in the Middle School*, 16(9), 518-520.

Crawford, H., & **Wiest, L.** (2011). Business as usual? Not for these middle-grades students. *Australian Primary Mathematics Teacher*, *16*(1), 4-9.

Wiest, L. R., Amankonah, F. O., & Thomas, T. A. (2011). Reasoning with real-world data. *Mathematics Teaching in the Middle School*, *16*(8), 492-498.

Assuah, C., K., & **Wiest, L. R.** (2010). Comparing the volumes of rectangular prisms. *Mathematics Teaching in the Middle School*, *15*(9), 502-504.

Ayebo, A., & **Wiest, L. R.** (2010). Poematics: Exploring math through poetry. *Mathematics Teaching in the Middle School*, *15*(7), 378-381.

Wiest, L. R., Ayebo, A., & Dornoo, M. D. (2010). Engaging all students with "impossible geometry." *Australian Senior Mathematics Journal*, *24*(1), 57-63.

Wiest, L. R. (2009). Female mathematicians as role models for all students. *Feminist Teacher*, *19*(2), 162-167.

Wiest, L. (2008). Conducting a mathematics camp for girls and other mathematics enthusiasts. *The Australian Mathematics Teacher*, *64*(4), 17-24.

Wiest, L. R. (2008). Problem-solving support for English Language Learners. *Teaching Children Mathematics*, *14*(8), 479-484.

Frost, J. H., & **Wiest, L. R.** (2007). Listening to the girls: Participant perceptions of the confidence-boosting aspects of a girls' summer mathematics and technology camp. *The Mathematics Educator*, *17*(2), 31-40.

Goral, M. B., & **Wiest, L. R.** (2007). An arts-based approach to teaching fractions. *Teaching Children Mathematics*, *14*(2), 74-80.

Wiest, L. R., Higgins, H. J., & Frost, J. H. (2007). Quantitative literacy for social justice. *Equity & Excellence in Education*, *40*(1), 47-55.

Andre, R. N., & **Wiest, L. R.** (2007). Using sorting networks for skill-building and reasoning. *Mathematics Teaching in the Middle School*, *12*(6), 308-311.

Wiest, L. R. (2006). Fostering number sense through "Digits and Dice." *Australian Primary Mathematics Classroom*, *11*(4), 10-14.

Wiest, L. R., Abernathy, T. V., Obenchain, K. M., & Major, E. M. (2006). Researcher study thyself: AERA participants' speaking times and turns by gender. *Equity & Excellence in Education*, *39*(4), 313-323.

Higgins, H. J., & **Wiest, L. R.** (2006). Individual interviews as insight into children's computational thinking. *Australian Primary Mathematics Classroom*, *11*(1), 25-29.

Wiest, L. R. (2005). Investigating students' thinking about nets. *Mathematics Teaching in the Middle School*, *11*(3), 140-143.

Wiest, L. (2005). To build a dog run: The relationship between perimeter and area. *Australian Primary Mathematics Classroom*, *10*(2), 21-25.

Wiest, L. R., & Johnson, S. L. (2005). Providing female role models in mathematics and computer science. *Australian Primary Mathematics Classroom*, *10*(1), 12-17.

Wiest, L. R. (2004). Impact of a summer mathematics and technology program for middle school girls. *Journal of Women and Minorities in Science and Engineering*, *10*(4), 317-339.

Bates, E. T., & **Wiest, L. R.** (2004). Impact of personalization of mathematical word problems on student performance. *The Mathematics Educator*, *14*(2), 17-26.

DeHaven, M. A., & **Wiest, L. R.** (2003). Impact of a girls mathematics and technology program on middle school girls' attitudes toward mathematics. *The Mathematics Educator*, *13*(2), 32-37.

Abernathy, T. V., **Wiest, L. R.**, & Olive, M. L. (2003). Factors associated with post-baccalaureate students' entry into a teacher preparation program. *Teacher Education and Practice*, *16*(3), 232-252.

Wiest, L. R., Olive, M. L., & Obenchain, K. M. (2003). Men's perceptions of their experiences as K-2 teachers. *Equity and Excellence in Education*, *36*(1), 82-95.

Wiest, L. R. (2003). The current status of male teachers of young children. *The Educational Forum*, *68*(1), 62-70.

Wiest, L. R. (2003). "Global" mathematics: Proportional thinking about the Earth's surface. *Australian Primary Mathematics Classroom*, *8*(2), 20-22.

Cummings, R., **Wiest, L. R.**, Lamitina, D., & Maddux, C. D. (2003). Teacher education curricula and moral reasoning. *Academic Exchange Quarterly*, *7*(1), 163-168.

Wiest, L. R. (2003). Twelve ways to have students analyze culture. *The Clearing House*, *76*(3), 136-138.

Wiest, L. R. (2002). Multicultural mathematics instruction: Approaches and resources. *Teaching Children Mathematics*, *9*(1), 49-55.

Wiest, L. R. (2002). Aspects of word-problem context that influence children's problem-solving performance. *FOCUS on Learning Problems in Mathematics*, *24*(2), 38-52.

Wiest, L. (2001). The role of fantasy contexts in word problems. *Mathematics Education Research Journal*, *13*(2), 74-90.

Wiest, L. R. (2001). Promoting reasoning through more effective work with word problems. *FOCUS on Learning Problems in Mathematics*, *23*(2/3), 70-84.

Obenchain, K. M., Abernathy, T. V., & **Wiest, L. R.** (2001). The reliability of students' ratings of faculty teaching effectiveness. *College Teaching*, *49*(3), 100-104.

Wiest, L. R. (2001). The role of computers in mathematics teaching and learning. *Computers in the Schools*, *17*(1/2), 41-55.

Wiest, L. R. (2001). Teaching mathematics from a multicultural perspective. *Equity and Excellence in Education*, *34*(1), 16-25.

Wiest, L. R. (2001). Selected resources for encouraging females in mathematics. *The Mathematics Teacher*, *94*, 14-18.

Wiest, L. R. (2000). Mathematics that whets the appetite: Student-posed project problems. *Mathematics Teaching in the Middle School*, *5*, 286-291.

Wiest, L., & Quinn, R. (2000). Colourful probabilities: An integrated maths-science lesson. *Australian Primary Mathematics Classroom*, *5*(2), 19-23.

Quinn, R. J., & **Wiest, L. R.** (1999). Reinventing Scrabble with middle school students. *Mathematics Teaching in the Middle School*, *5*, 210-213.

Wiest, L. R. (1999). Addressing the needs of graduate women. *Contemporary Education*, *70*, 30-33.

Wiest, L. R. (1999). Practicing what they teach: Should teachers "do as they say"? *The Clearing House*, *72*, 264-268.

Wiest, L. R., & Quinn, R. J. (1999). Exploring probability through an evens-odds dice game. *Mathematics Teaching in the Middle School*, *4*, 358-362.

Wiest, L. R. (1998). Using immersion experiences to shake up preservice teachers' views about cultural differences. *Journal of Teacher Education*, *49*, 358-365.

Wiest, L. R., & Morris, D. L. (1998). The candy store lesson: Sweetening the integration of subject areas. *Social Studies and the Young Learner*, *11*(2), 34-36.

Wiest, L. R. (1998). In the face of uncertainty: Students pursue unknown probabilities. *Australian Primary Mathematics Classroom*, *3*(4), 19-22.

Quinn, R. J., & **Wiest, L. R.** (1998). A constructivist approach to teaching permutations and combinations. *Teaching Statistics*, *20*, 75-77.

Wiest, L. R. (1998). A fresh look at computation: When one plus one is three. *Australian Primary Mathematics Classroom*, *3*(3), 24-26.

Wiest, L. R. (1997). A dozen ways to think critically about culture. *Think*, *8*(2), 26-27.

Wiest, L. R., & Sturbaum, M. B. (1996). Need new problem-solving ideas? Take a trip! *School Science and Mathematics*, *96*(4), 187-191.

Other Publications

Wiest, L. R., Pop, K. J., & Pacheco, M. (2018). *Bibliography of resources on gender and mathematics: Selected resources 2014-2018*. Prepared for and distributed by Women and Mathematics Education (http://www.wme-usa.org/).

Crawford-Ferre, H. G., Vega, S., & **Wiest, L. R.** (2017, January). More than shopping: A creative approach to mathematics and financial literacy. *STEAMed*, 15-19.

Wiest, L. R., Vega, S., & Crawford-Ferre, H. (2014). *Bibliography of resources on gender and mathematics: Print resources 2009-2013 and selected web sites*. Prepared for and distributed by Women and Mathematics Education (http://www.wme-usa.org/).

Wiest, L. R. (2009). Let's shine a light on mathematics learning [Reader's Exchange section]. *Teaching Children Mathematics*, *15*(9), 515.

Wiest, L. R. (2008). *Bibliography of resources on gender and mathematics: Print resources 2003-early 2008 and selected web sites*. Prepared for and distributed by Women and Mathematics Education (http://www.wme-usa.org/).

Wiest, L. (2003). Comprehension of mathematical text. *Philosophy of Mathematics Education Journal*, *17*. http://socialsciences.exeter.ac.uk/education/research/centres/stem/publications/pmej/

Wiest, L. R. (2000). Rate your campus support for graduate women. *Women in Higher Education*, *9*(2), 9-10.

Grant-Funded Units/Modules Written

Wiest, L. R. (2004). *Teaching mathematics to English Language Learners* (module) for Project ProTELL, Formerly available on the Web.

Wiest, L. R. (2002). Four quantitative literacy modules for the National Numeracy Network. Selected modules available at http://www.math.dartmouth.edu/~mqed/6-9/socialscience.html

Wiest, L. R. (1994-1995). Tech Prep Mathematics Curriculum Project units, Peter Kloosterman, Director, Indiana University. Formerly available on the Web.

Presentations (1997-Present)

International

Wiest, L., Bertolone-Smith, C. M., & Crawford-Ferre, H. (2021, October). *"Dear math, I'm not a fan of you": Shifting middle school girls' perceptions of mathematics*. Paper presented at the Forty-Third Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA), Philadelphia.

Lamberg, T., **Wiest, L.**, & Kirkland, D. (2021, October). *Master's program for in-service teachers with a focus on improving math teaching and learning*. Poster presented at the Forty-Third Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA), Philadelphia.

Jackson, B. Przybyla-Kuchek, J., Piatek-Jimenez, K., Dias, A., Hall, J., Kersey, E., Moore, A., Pinheiro, W. A., & **Wiest, L.** (2021, October). *Working group on gender and sexuality in mathematics education: Emerging conceptual and methodological frameworks*. Paper presented at the Forty-Third Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA), Philadelphia.

McGraw, R., Piatek-Jimenez, K., **Wiest, L.**, Dias, A., Gonçalves, H. J. L., Hall, J., Hodge, A., Kersey, B., & Rubel, L. (2019, November). *Working group on gender and sexuality in mathematics education: Experiences of people across cultures*. Presentation conducted at the Forty-First Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA), St. Louis, MO.

Piatek-Jimenez, K., McGraw, R., **Wiest, L. R.**, Hall, J., Hodge, A., Kersey, E., Rubel, L., & Stoehr, K. (Chairs). (2018, November). *Working group on gender and sexuality in mathematics education: Linking the past to the future*. Presentation conducted at the Fortieth Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA), Greenville, SC.

Dornoo, M., & **Wiest, L. R.** (2017, October). *Preservice teachers' perspectives on and preparation for teaching mathematics equitably*. Paper presented at the Thirty-Ninth Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA), Indianapolis.

Wiest, L. R., & Vega, S. (2011, October*). Identity and power issues in mathematics for adolescent females*. Paper presented at the Thirty-Third Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA), Reno, NV.

Erchick, D. B., Becker, J. R., Forgasz, H. J., & **Wiest, L. R.** (Chairs). (2011, October). *Working group on gender and mathematics: Redefining research around gender, international contributions, and teaching*. Presentation conducted at the Thirty-Third Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA), Reno, NV.

Dornoo, M. D., & **Wiest, L. R.** (2011, October). Student perspectives toward undergraduate mathematics courses. Paper presented at the Thirty-Third Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA), Reno, NV.

Hossain, M. M., & **Wiest, L. R.** (2011, March). Building Web 2.0-based collaborative environments for teaching-learning high school geometry. Paper presented at the Society for

Information Technology & Teacher Education International Conference (SITE), Nashville, TN.

Hossain, M. M., & **Wiest, L. R.** (2011, February). Web 2.0 technologies in building collaborative teaching-learning environments for middle school geometry instruction. Paper presented at the Global Time: Global Conference on Technology, Innovation, Media & Education's annual conference (virtual).

Wiest, L. R. (2007, October). *Student response to a "Sociocultural Issues in Mathematics Education" graduate course*. Poster presented at the Twenty-Ninth Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA), Stateline, NV.

Wiest, L. R. (2006, November). *The role of an intervention program in supporting girls in mathematics and technology*. Paper draft shared as part of the Working Group on Gender and Mathematics at the Twenty-Eighth Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA), Mérida, Mexico.

Wiest, L. R. (2004, July). *The critical role of informal mathematics programs for girls*. Paper presented at the 10th International Congress on Mathematical Education, Copenhagen.

Wiest, L. R. (2004, July). *The role and purpose of informal mathematics education*. Sharing Experiences Group session conducted at the 10th International Congress on Mathematical Education, Copenhagen.

Higgins, H. J., Corbin, J. F., & **Wiest, L. R.** (2004, July). *Quantitative literacy for social justice*. Workshop conducted at the 2nd Annual Conference on Teacher Education and Social Justice, San Francisco.

Wiest, L. R., & Obenchain, K. M. (2003, March). *Using WebCT to team elementary and secondary pre-service teachers in a lesson planning/implementation project*. Paper presented at the Annual Meeting of the Society for Information Technology & Teacher Education, Albuquerque.

National

Bertolone-Smith, C., **Wiest, L. R.**, & Crawford-Ferre, H. (2020, June). *Positioning reluctant students as math thinkers and doers!* Webinar conducted for the National Council of Teachers of Mathematics' 100 Days of Professional Learning.

Wiest, L. R., & Pop, K. (2019, April). *Finding and preparing role models in mathematics for girls*. Presentation conducted at the National Council of Teachers of Mathematics 97th Annual Meeting and Exposition, San Diego.

Wiest, L. R., & Crawford-Ferre, H. G. (2018, April). *Supporting girls' mathematics learning using high-interest texts*. Presentation conducted at the National Council of Teachers of Mathematics 96th Annual Meeting and Exposition, Washington, DC.

Oikonomidoy, E., **Wiest, L. R.**, Sanchez, J., & DeFlorio, L. (2017, April). *The multiple meanings of diversity: College students' views*. Paper presented at the Annual Meeting of the American Educational Research Association, San Antonio.

Erchick, D., **Wiest, L. R.**, Crawford-Ferre, H., Hodge, A., & Squires, A. (2017, April). *Findings from research in out-of-school mathematics and STEM programs* [research symposium]. Paper presented at the National Council of Teachers of Mathematics Research Conference, San Antonio.

Crawford-Ferre, H., **Wiest, L. R.**, & Vega, S. (2017, April). *Teaching geometry to girls through powerful computer programs*. Presentation conducted at the National Council of Teachers of Mathematics 95th Annual Meeting and Exposition, San Antonio.

Wiest, L. R., Ferre, H. C., & Sanchez, J. E. (2016, April). *Developing and running out-of-school-time math programs for girls*. Presentation conducted at the National Council of Teachers of Mathematics 94th Annual Meeting and Exposition, San Francisco.

Flores, T. L., & **Wiest, L. R.** (2016, April). *Using art to develop girls' measurement skills*. Presentation conducted at the National Council of Teachers of Mathematics 94th Annual Meeting and Exposition, San Francisco.

Wiest, L. R., & Flores, T. (2015, April). *Helping girls develop spatial skills through art*. Presentation conducted at the National Council of Teachers of Mathematics 93rd Annual Meeting and Exposition, Boston.

Wiest, L. R., & Keiser, J. (2015, April). *Using student interests to develop quantitative reasoning*. Presentation conducted at the National Council of Teachers of Mathematics 93rd Annual Meeting and Exposition, Boston.

Wiest, L., Thomas, T., & Amankonah, F. (2014, February). *Conceptual versus procedural approaches to ordering fractions*. Paper presented at the Research Council on Mathematics Learning's 42nd Annual Conference, Las Vegas.

Amankonah, F., & **Wiest, L.** (2014, February). *K-8 teachers' self-efficacy beliefs for teaching mathematics*. Paper presented at the Research Council on Mathematics Learning's 42nd Annual Conference, Las Vegas.

Crawford-Ferre, H., **Wiest, L. R.**, & Vega, S. (2014, April). *Helping girls develop financial literacy skills*. Presentation conducted at the National Council of Teachers of Mathematics 92nd Annual Meeting and Exposition, New Orleans.

Wiest, L. R., Vega, S., & Crawford-Ferre, H. (2014, April). *Teacher influence on girls' math identity*. Presentation conducted at the National Council of Teachers of Mathematics 92nd Annual Meeting and Exposition, New Orleans.

Brock, Cynthia H., & **Wiest, L. R.** (2013, April/May). *Using self-study as a vehicle to explore social class and other areas of diversity*. Paper presented at the Annual Meeting of the American Educational Research Association, San Francisco.

Wiest, L., Vega, S., & Crawford-Ferre, H. (2013, April). *Reaching girls online: Another path to math*. Presentation conducted at the National Council of Teachers of Mathematics 91st Annual Meeting and Exposition, Denver.

Wiest, L. (2012, April). *Out-of-school-time (OST) math programs for girls*. Presentation conducted at the National Council of Teachers of Mathematics 90th Annual Meeting and Exposition, Philadelphia.

Ayebo, A., & **Wiest, L. R.** (2011, April). *Teachers' views on teaching mathematics to gifted/talented students*. Paper presented at the Annual Meeting of the American Educational Research Association, New Orleans.

Wiest, L. R., Brock, C. H., & Pennington, J. L. (2010, April/May). *Addressing GLBT issues in k-12 schools: A session with graduate students in education*. Paper presented at the Annual Meeting of the American Educational Research Association, Denver.

Wiest, L. R. (2010, April/May). Out-of-school-time programs as mathematics support for females. In J. R. Becker (Chair), *International perspectives on mathematics education: Cognition, equity, and society*. Paper presented in symposium at the Annual Meeting of the American Educational Research Association, Denver.

Dornoo, M. D., & **Wiest, L. R.** (2010, April/May). *Preservice teachers' perspectives on and preparation for teaching mathematics equitably*. Paper presented at the Annual Meeting of the American Educational Research Association, Denver.

Wiest, L. R., & McGraw, R. (2010, April). *Research insights into mathematics instruction for females*. Presentation conducted at the National Council of Teachers of Mathematics 88th Annual Meeting and Exposition, San Diego.

Wiest, L. R., & Murphy, S. (2009, October). *Long-term impact of participation in a girls math and technology program*. Paper presented at the School Science and Mathematics Association's Annual Convention, Reno, NV.

Ayebo, A., & **Wiest, L. R.** (2009, October). *Teachers' views on teaching mathematics to gifted/talented students*. Paper presented at the School Science and Mathematics Association's Annual Convention, Reno, NV.

Amankonah, F., & **Wiest, L. R.** (2009, October). *Factors related to undergraduate students'*

performance and attitudes in an entry-level mathematics course. Paper presented at the School Science and Mathematics Association's Annual Convention, Reno, NV.

Wiest, L. R., & Brock, C. H. (2009, August). *Pre-service and in-service teachers' long-term response to a cultural immersion experience*. Paper presented at The Association of Teacher Educators' Summer Conference, Reno, NV.

Murphy, S., & **Wiest, L. R.** (2009, August). *Undergraduate research experience through the student and faculty-mentor perspective*. Paper presented at The Association of Teacher Educators' Summer Conference, Reno, NV.

Wiest, L. R., Werner, J., & Anderson-Nielsen, G. (2009, April). *Supporting and encouraging females in mathematics*. Presentation conducted at the 41st National Council of Supervisors of Mathematics' Annual Conference, Washington, DC.

Wiest, L. R., Ayebo, A., & Dornoo, M. D. (2008, April). *Engaging all students with "impossible geometry*." Presentation conducted at the National Council of Teachers of Mathematics 86th Annual Meeting and Exposition, Salt Lake City.

Wiest, L. R. (2007, October). *Addressing gender issues in teacher education*. Paper presented at the 33rd Annual Fall Conference of Research on Women in Education, San Antonio.

Wiest, L. R. (2007, April). *Graduate student response to a gender-issues-in-education course*. Paper presented at the Annual Meeting of the American Educational Research Association, Chicago.

Wiest, L. R. (2006, October). *Middle school girls' experience with and dispositions toward mathematics and technology*. Paper presented at Research on Women and Education's 32nd Annual Fall Conference, Detroit.

Wiest, L. R. (2006, April). *Key elements of a mathematics intervention program for girls*. Poster (with paper) presented at the Research Presession of the National Council of Teachers of Mathematics 84th Annual Meeting, St. Louis.

Wiest, L. R. (2006, April). *How can we prepare quantitatively literate students*? Presentation conducted at the National Council of Teachers of Mathematics 84th Annual Meeting, St. Louis.

Wiest, L. R., Abernathy, T. V., Obenchain, K. M., & Major, E. M. (2005, April). *Researcher study thyself: AERA participants' speaking times and turns by gender*. Paper presented at the Annual Meeting of the American Educational Research Association, Montreal.

Obenchain, K. M., & **Wiest, L. R.** (2005, April). *Linking pre-service teachers through collaborative classroom assignments*. Paper presented at the Annual Meeting of the American Educational Research Association, Montreal.

Editorial Panels of NCTM School-Based Journals. (2002, April). *Writing for NCTM journals: Tips and discussion with Editorial Panel members*. Session conducted at the National Council of Teachers of Mathematics 80th Annual Meeting, Las Vegas.

Cummings, R. E., Lamitina, D. B., & **Wiest, L.** (2002, April). *An examination of the elementary preservice teacher education curricula: Implications for students' ethical and moral development*. Paper presented at the Annual Meeting of the American Educational Research Association, New Orleans.

Wiest, L. R. (2001, April). Improvements in attitude and performance as a result of attending a summer mathematics and technology program for middle school girls. In **L. R. Wiest** (Chair), *The impact of summer mathematics, science, and technology programs for females*. Paper presented in symposium at the Annual Meeting of the American Educational Research Association, Seattle.

Obenchain, K. M., Abernathy, T. V., & **Wiest, L. R.** (2001, April). *The reliability of student evaluators on university teaching effectiveness*. Paper presented at the Annual Meeting of the American Educational Research Association, Seattle.

Wiest, L. R. (2001, March). *The impact of a leadership-in-mathematics-education course on K-12 teachers*. Paper presented at the 28th Annual Conference of the Research Council on Mathematics Learning, Las Vegas.

Bear, D. A., **Wiest, L.**, & Aldous, V. (2000, December). *Math and reading development among kindergarten and first grade children in the prephonemic, semiphonemic and letter-name stages of spelling development*. Paper presented at the 50th Annual Meeting of the National Reading Conference, Scottsdale, AZ.

Wiest, L. R., Olive, M. L., & Obenchain, K. M. (2000, April). *An investigation of the workplace experiences of male K-2 teachers*. Paper presented at the Annual Meeting of the American Educational Research Association, New Orleans.

Wiest, L. R. (2000, March). *Readability of mathematical word problems*. Paper presented at the 27th Annual Conference of the Research Council on Mathematics Learning, Las Vegas.

Wiest, L. R. (1999, April). *Innovative probability activities for the intermediate grades*. Workshop conducted at the 77th Annual Meeting of the National Council of Teachers of Mathematics, San Francisco.

Wiest, L. R. (1998, April). *The role of fantasy and real-world problem contexts in fourth- and sixth-grade students' mathematical problem solving*. Paper presented at the Annual Meeting of the American Educational Research Association, San Diego.

Wiest, L. R., & Leitze, A. R. (1998, April). *"Multiculturalizing" mathematics instruction: Ideas for classroom teachers*. Presentation made at the 76th Annual Meeting of the National Council of Teachers of Mathematics, Washington, DC.

Wiest, L. R. (1997, October). *Aspects of word-problem context that influence children's problem-solving performance*. Paper presented at the 19th Annual Conference of the North American Chapter of the International Group for the Psychology of Mathematics Education, Bloomington/Normal, IL.

Leitze, A. R., & **Wiest, L. R.** (1997, April). *"Storying" word problems and integrating children's literature*. Presentation made at the 75th Annual Meeting of the National Council of Teachers of Mathematics, Minneapolis.

Emenaker, C. E., & **Wiest, L. R.** (1997, April). *Probability, statistics, problem solving and the real world*. Workshop conducted at the 75th Annual Meeting of the National Council of Teachers of Mathematics, Minneapolis.

Regional and State

Crawford-Ferre, H., & **Wiest, L. R.** (2020, September). *Teaching mathematics through problem solving: planning for blended and online learning environments*. Nevada Department of Education's Nevada Digital Learning Collaborative Virtual Symposium.

Treacy, A. C., & **Wiest, L. R.** (2018, October). *Faculty preparation to work with students with mental health issues*. Northern Rocky Mountain Research Association's 36th Annual Conference, Salt Lake City.

Ferre, H. C., & **Wiest, L. R.** (2016, December). *Girls in STEM: Addressing gender-related beliefs*. CoNVerge 1st Annual Conference, Las Vegas.

Sanchez, J. E., DeFlorio, L., Oikonomidoy, E., & **Wiest, L. R.** (2016, October). *Students' views of connectedness in a college of education with respect to climate and diversity*. Northern Rocky Mountain Research Association's 34th Annual Conference, Reno, NV.

Ferre, H. C., & **Wiest, L. R.** (2016, October). *Out-of-school-time STEM programming for females: One strategy for addressing gender-related beliefs in mathematics*. Northern Rocky Mountain Research Association's 34th Annual Conference, Reno, NV.

Pop, K., & **Wiest, L. R.** (2016, October). *Providing support in educational doctoral programs for women who balance the roles of career and family responsibilities with doctoral school demands*. Northern Rocky Mountain Research Association's 34th Annual Conference, Reno, NV.

Treacy, A., & **Wiest, L. R.** (2016, October). *The role of non-chair committee members in a student's doctoral program*. Northern Rocky Mountain Research Association's 34th Annual Conference, Reno, NV.

Wiest, L. R. (2008, November). *Exploring cross sections of geometric solids*. Presentation conducted at the National Council of Teachers of Mathematics Regional Conference, Reno, NV.

Wiest, L. R., Crawford, H., Ferrara, M., Cheney, R., Jensen, D., & Studer, J. (2008, October). *Pros, cons, and future directions of single-sex education: Voices from the field*. Panel session conducted at the 26th Annual Northern Rocky Mountain Educational Research Association Conference, Lake Tahoe, NV.

Dornoo, M. D., & **Wiest, L. R.** (2008, October). *Undergraduate students' perspectives on college mathematics courses*. Roundtable session conducted at the 26th Annual Northern Rocky Mountain Educational Research Association Conference, Lake Tahoe, NV.

Amankonah, F., & **Wiest, L.** (2008, October). *Why students struggle in undergraduate remedial mathematics classes*. Roundtable session conducted at the 26th Annual Northern Rocky Mountain Educational Research Association Conference, Lake Tahoe, NV.

Ayebo, A., & **Wiest, L.** (2008, October). *Teachers' perspectives on mathematics instruction for gifted/talented students*. Roundtable session conducted at the 26th Annual Northern Rocky Mountain Educational Research Association Conference, Lake Tahoe, NV.

Wiest, L. R., & Obenchain, K. M. (2002, November). *A technology-based project linking elementary and secondary pre-service teachers*. Presentation conducted at the "Putting the Pieces Together" Technology Symposium, Reno, NV.

Vineyard, R. N., Fadness, C., **Wiest, L.**, & Moulding, B. (2000, October). *Standards, teachers, students and states: The impacts*. Panel session conducted at the 18th Annual Conference of the Northern Rocky Mountain Educational Research Association, Park City, UT.

Wiest, L. R., & Leitze, A. R. (1998, November). *Embracing ethnic diversity in the teaching of mathematics*. Presentation conducted at the National Council of Teachers of Mathematics Western Regional Conference, Reno/Sparks, NV.

Leitze, A. R., & **Wiest, L. R.** (1997, March). *Reel 'em in: Hooking children's interest through story problems*. Presentation conducted at the National Council of Teachers of Mathematics Western Regional Conference, San Jose.

Leitze, A. R., & **Wiest, L. R.** (1997, February). *GOTCHA! Story problems that grab children's interest*. Presentation conducted at the National Council of Teachers of Mathematics Western Regional Conference, Salt Lake City.

Ostergard, S., & **Wiest, L.** (1997, February). *Teaching elementary mathematics through children's literature*. Presentation conducted at the Nevada Science, Technology, Engineering, and Mathematics Alliance Workshops, Reno, NV.

Grant Activity (1997-Present)

Funding for Conducting/Researching the Northern Nevada Math &Technology Program

Newmont Mining Corporation, Elko, NV, annually 2008-2019 ($98,155).

Frances C. and William P. Smallwood Foundation, annually 2011-2019 ($90,000).

Barrick Gold of North America, Elko, NV, annually 2011-2017, 2019 ($49,000).

Nevada Gold Mines, 2019 ($5,000).

International Game Technology (IGT), Reno, NV, 2001, 2002, 2005, 2006, annually 2008-2016 ($108,900).

American Association of University Women (Reno & Tahoe Branches), intermittently 2001-2019 ($9,022).

Small Mine Development, Nevada, 2016 ($800).

Odyssey Foundation, Reno, NV, 2009, 2011, 2014, 2018 ($68,000).

Regents Service Program (formerly Regents Award Program), University of Nevada, Reno, 2001-2002, 2004-2012 (approximately $178,750). For funding a Program Assistant.

Community Foundation of Western Nevada (EWB & Muhonen Family Funds), Reno, NV, 2006, 2007, 2008, 2009, 2012 ($17,250).

Terry Lee Wells Foundation, Reno, NV, 2009, 2011 ($7,250).

Research Fund, Scholarly Activities Pool, College of Education, University of Nevada, Reno, 2004, 2005, 2006, 2009, 2010, 2011 ($12,170). For conducting program-related research.

Lemelson Education and Assistance Program (LEAP) through the Nevada Women's Fund, Reno, NV, 2002-05, 2006-09 ($90,000).

Wells Fargo Community Foundation/Nevada Public Education Foundation, Nevada, 2009 ($3,000).

Undergraduate Research Opportunities Program, University of Nevada, Reno, 2008 ($5,500). For conducting program-related research with an undergraduate student.

Mathematical Association of America/Tensor Foundation, Washington, DC, 2000, 2001, 2007 ($16,000).

Wells Fargo Bank and Company, Reno, NV, 2000, 2002 ($32,205).

E.L. Cord Foundation, Reno, NV, 2001 ($43,500).

Robert Z. Hawkins Foundation, Reno, NV, 2001 ($3,000).

Howard Hughes Medical Institute, Chevy Chase, MD, 1998-1999 ($60,000).

Miscellaneous local sources (community organizations, private individuals), 2000-2017 (about $32,500).

Participation/Travel Grants

Research-Related Travel Fund, Scholarly Activities Pool, College of Education, University of Nevada, Reno, 2004, 2005, 2006, 2009, 2010, 2011 ($4,345).

Travel grant, Women Count conference, Albuquerque, Aug. 2, 2005 ($350).

Participation grant, FAME (Families and Mathematics Education) workshop, Lawrence Hall of Science, Berkeley, CA, April 29-30, 2005 (selected participant costs).

Travel grant to attend the International Congress on Mathematics Education (ICME-10) in Copenhagen, Denmark, National Council of Teachers of Mathematics in conjunction with the National Science Foundation, 2004 ($2,250).

Research travel funding, Office of the Vice President for Research and Dean of the Graduate School, University of Nevada, Reno, 2000 ($2,000).

Other Grants/Funding

Demchak, M., Fronapfel, B., Mahon, J., Oikonomidoy, E. M., & **Wiest, L. R.** (2020). *Meeting the PD needs of rural schools through an MTSS framework*. Nevada Department of Education. $64,999.

Wiest, L. R. Nevada Ready 21 (NVR21) Cohort 2. Nevada Department of Education. $66,370.68.

Wiest, L. R., & Wilson, M. (2001). *Project Math PLUSS*. U.S. Department of Education Eisenhower Professional Development Program. $26,680.

Wiest, L. R. (1997-1999). *Educational Equity Resource Center* (Project Administrator). Carl D. Perkins Vocational and Applied Technology Act. $162,527.

Numerous internal research or teaching grants sponsored by the College of Education and Human Development or the University of Nevada, Reno, totaling more than $20,000

Selected Service Positions (1997-Present)

International, National, and Regional

Advisory Board, Women and Mathematics Education, 2008 to present

External tenure/promotion reviewer for numerous faculty members at U.S. universities, 2012-2018

Advisory Board, Region IX Equity Assistance Center at WestEd, 2013-2016

NCTM Representative, Joint Committee on Women in Mathematics (JCW), 2008-2011

Member, Publications Committee (chair of WME Paper Series component), Women and Mathematics Education, 2008-2009

Secretary, Women and Mathematics Education's Board of Directors, 2006-2008

Member, Conference Committee, Twenty-Ninth Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, 2007, 2011

Member-at-Large, Women and Mathematics Education's Board of Directors, 2004-2006

Northern Nevada Math Council Delegate, Delegate Assembly and Representative for Capitol Hill Visits, 76th Annual Meeting of the National Council of Teachers of Mathematics, Washington DC, 1998

State and Local

Member, Community, University, School Partnership, Reno, NV, 2013-2015

Advisory Board, Sierra Nevada Journeys, Reno, NV, 2008-2010

Higher Education Representative, Northern Nevada Mathematics Council Executive Board, 1997-1999, 2002-2006

Member, Outreach Strategic Planning Work Group, Reno, NV, 2002-2003

Higher Education Representative, Nevada Mathematics Council Executive Board, 1997-2002

Chair, Nevada Mathematics Teacher Leader Program Committee, 1997-2000

Member, State Selection Committee for Presidential Awards for Excellence in Mathematics Teaching, Reno, NV, 1997

Member, State Committee to Evaluate Mathematics Standards and Assessment, Carson City, NV, 1997

University and College

Member, University Faculty Hearing Panel, University of Nevada, Reno, 2021-

Member, Queer and LGBT Advocacy Board, University of Nevada, Reno, 2020-

Member, Faculty Senate Bylaws and Code Committee, University of Nevada, Reno, 2020-23

Member, Ad Hoc Course and Teaching Evaluation Committee, University of Nevada, Reno, 2020-21

College of Education representative, University Promotion and Tenure Committee, University of Nevada, Reno, 2002-2005, 2009-2011, 2017-2019

Member, F. Donald Tibbitts Distinguished Teacher Award Committee, University of Nevada, Reno, 2015-2016

Member, Diversity Advisory Group, Common Core Curriculum, University of Nevada, Reno, 2008-2014

Co-advisor, Queer Student Union, University of Nevada, Reno, 2011-2014

Strategic Planning Committee, University of Nevada, Reno, 2014

Member, Advocates and Allies for GLBTQ Issues (presidential committee), University of Nevada, Reno, 2003-2010

One-time panel member, Academic Integrity Hearing Board, University of Nevada, Reno, 2012

Chair, Community of Practice on Core Content, Project EXCEL (Program Improvement Grant through U.S. Department of Education), University of Nevada, Reno, 2009-2011

Co-chair, College of Education Faculty Senate, University of Nevada, Reno, 2003-2005

Member, Affirmative Action and Diversity Advisory Board (and subcommittee: Committee on Gender Relations), University of Nevada, Reno, 1998-2000

Member, Campus Affairs Committee, University of Nevada, Reno, 1998-2000

Member, Committee for Regents Academic Advisor Award, University of Nevada, Reno, 1999

Member, numerous faculty search committees, University of Nevada, Reno

Other Service Activities

Numerous other service activities, including department and college committees (undergraduate, doctoral, college and faculty leadership groups, assessment, diversity, etc.), program work, workshops and presentations for the university and local schools and organizations, and demonstration lessons/units in local schools.

Professional Memberships

- American Association of University Women (since 1995)
- American Educational Research Association (since 1993)
- AERA Special Interest Group/Research in Mathematics Education (since 1994)
- AERA Special Interest Group/Research on Women in Education (since 2004)
- AERA Special Interest Group/Out-of-School Time (2009-2021)
- AERA Special Interest Group/Queer Studies (since 2010)
- Association of Mathematics Teacher Educators (intermittent 2008-2023)
- National Council of Teacher of Mathematics (since 1991)
- Northern Nevada Mathematics Council (intermittent since 1996)
- Phi Delta Kappa (1994-2010)
- PME-NA (North American Chapter of the International Group for the Psychology of Mathematics Education) (intermittent 1995-2019)
- Women and Mathematics Education (NCTM-affiliated group) (since 1997)

Doctoral Student Committees

Committee Chair

Vega, Stephanie. (2020). *Young children's mathematical communication in small-group work.*
Crawford-Ferre, Heather Glynn. (2017). *Mapping the field: Out-of-school-time STEM programs for K-12 Females*.
Thomas, Troy A. (2014). *Elementary teachers' receptivity to integrated science, technology, engineering, and mathematics (STEM) education in the elementary grades*.
Amankonah, Frank O. (2013). *K-8 teachers' self-efficacy beliefs for teaching mathematics*.
Ayebo, Abraham. (2010). *Teachers' perspectives on teaching mathematics to gifted/talented students*.
Dornoo, Michael D. (2009). *Pre-service teachers' perspectives on and preparation for teaching mathematics equitably*.
Miller, Tiffany L. (2008). *Straddling the fence: The relationship of elementary versus secondary certification to middle school teachers' beliefs, practices, and student achievement*.
Frost, Janet Hart. (2007). *The development of sixth-grade public school teachers' instructional approaches in mathematics*.
Higgins, Heidi J. (2006). *The relationship of sixth-grade students' mental rotation ability to spatial experience and problem-solving strategies by socioeconomic status and gender*.
Pop, Kellie (in progress)
Crow, Thomas (Scott) (in progress)
Nady, Leslie (in progress)
Pacheco, Mike (in progress)
Chavez Camarena, Yuliana (Yuli) (in progress)
Tariq, Zarmish (in progress)

Johanson, Jennifer (in progress)
Allen, YeVonne (in progress)

Committee Member

Nehrkorn, Alicia. (2021). *Noise cancelling headphones as an intervention to maintain time spent on-task for students with autism spectrum disorder*.
Groh, Rita Boyajian. (2020). *Equal pay! No way! Explaining the labor market earnings gap of immigrants to the United States*.
Garcia, Mariluz. (2019). *Social and academic experiences of Black transracial adoptees at four-year higher education institutions*.
Lykes, Joseph (Jody). (2019). *Black scholars in White spaces: Perspectives on hip hop pedagogy in higher education*.
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Begbie, Julie. (2019). *Reading motivation as a moderator for adolescent literacy outcomes*.
Waddell, Glenn H., Jr. (2019). *Mathematics teacher professional development via conference tweeting and blogging: A mixed methods analysis*.
Armbrecht, Julie. (2018). *An investigation of the reading strategies employed by college students in their online classes*.
Carter, Hannah. (2018). *Secondary teachers' experiences with daily writing integration in the content areas*.
Mala, Monika. (2017). *The first-year college transition: Exploring the low-income Mexican-American female experience through a funds of knowledge framework*.
Valle, Daniel. (2017). *Social capital and low-income, first-generation Latino male college students*.
Dini, Domenic. (2017). *Integrating gamification principles into photography skill learning: The influence of games on student motivation*.
Lundahl, Merrilyne. (2017). *Place, literacy learning, and civic engagement: A case study of adventure risk challenge*.
Avery, Mina. (2016). *Does poor spelling equate to limited word choice? The role of spelling in word choice*.
Moss, Diana L. (2014). *An investigation of student learning in beginning algebra using classroom teaching experiment methodology and design research*.
Ball, Thomas S. (2011). *Exploring the learning of ratio by a semiotic process in a combined fifth- and sixth-grade class*.
Amador, Julie M. (2010). *Affordances, constraints, and mediating aspects of elementary mathematics lesson planning practices and lesson plan actualization*.
Sanchez, Jafeth E. (2010). *Latino and Caucasian students' academic and non-academic characteristics as predictors of educational outcomes, high school and beyond*
Assuah, Charles. (2010). *Student and teacher perceptions of teacher oral communication behavior in algebra and geometry classrooms*.
Gilkeson, Kristen DeRaad. (2010). *Response to intervention: Implementation of an alternative approach to specific learning disability determination*.
Threatt, Tiffany. (2009). *Gender and the writing center: How students' problems in writing fall into gendered categories of writing difference*.

Hope, Amy. (2008). *Bridges between direct instruction and inquiry-based instruction in mathematics*.

Checho, Colleen. (2007). *The effect of podcasting on learning and motivation: A mixed method study of at-risk high school students*.

Andrews, Byllie D. (2002). *Mentoring and induction: First-year teacher's perception of support received*.

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Bleak, Ken (in progress)

Harvey, Sheena (in progress)

Anderson, Ashley (in progress)

Zhou, Lili (in progress)