

VITA

**Carole G. Basile, Ed.D.**  
**Dean and Professor**  
**Mary Lou Fulton Teachers College**  
**Arizona State University**

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**EDUCATION**

<u>Institution</u>	<u>Date</u>	<u>Degree</u>	<u>Major</u>
University of Houston	1996	Ed.D.	Curriculum and Instruction
Pennsylvania State University	1981	M.Ed.	Counselor Education
Pennsylvania State University	1980	B.S.	Individual and Family Studies

**PROFESSIONAL EXPERIENCE**

2016 - current	Dean, Professor, Mary Lou Fulton Teachers College, Arizona State University
2011 – 2016	Dean, Professor, College of Education, University of Missouri St. Louis
2010 - 2011	Professor, Faculty Chair, Advanced Urban Education; co-PI/Co-Director of the Rocky Mountain Middle School Math and Science Partnership (RM-MSMSP) University of Colorado Denver, Denver, CO
2008 – 2010	Associate Professor, co-PI/Co-Director of the Rocky Mountain Middle School Math and Science Partnership (RM-MSMSP) University of Colorado Denver, Denver, CO
2006 – 2008	Associate Professor, co-PI/Co-Director of the Rocky Mountain Middle School Math and Science Partnership (RM-MSMSP); and Director of the Center for Applied Math and Science for Innovation and Competitiveness (CASMIC). University of Colorado Denver, Denver, CO
2004 – 2006	Associate Dean of Teacher Education and Professional Learning and Associate Professor University of Colorado Denver, Denver, CO
2001 – 2004	Director and Division Coordinator for the Initial Professional Teacher Education Division and Assistant Professor University of Colorado Denver, Denver, CO

1999 – 2000 Senior Instructor/Site Professor  
University of Colorado Denver, Denver, CO

1994 – 1999 Lecturer/Clinical Asst. Professor  
University of Houston, Houston, TX

Fifteen years of business management, sales, organizational and development training experience for companies such as Enterprise Leasing and Amoco Oil and Gas.

## RESEARCH

### Refereed Articles

- 2015 Basile, C., Kimbrough, D., & McMeeking, L. (2015). Research experiences for teachers as a capstone to content knowledge. *Teacher Education and Practice*, 28 9(2/3) in press.
- 2015 Sherman, H., Basile, C., & Hickman, C. (2015). Transforming educator preparation programs and perspectives: community and school partnerships that assess and impact student learning. *Journal of the World Universities Forum*, 8(2) 21-28.
- 2012 Sample McMeeking, L., Basile, C., & Cobb, B. (2012). An organizational model to distinguish between and integrate research and evaluation activities in a theory based evaluation. *Evaluation and Program Planning*, 35 (2012) 508-516.
- 2012 Larson, J., Jacobson, M., Den Ouden, K., Basile, C. (2012). To infinity...and beyond! *Mathematics Teaching in the Middle School*.
- 2011 Basile, C., & Kimbrough, D. (2011). Co-teaching: Encouraging fundamental instructional change of math and science faculty. *International Journal of University Teaching and Faculty Development*, 1 (4).
- 2011 Weinberg, A., Basile, C., & Albright, L. (2011). Attitudes towards math and science in an experiential learning context. *Research in Middle Level Education Online*, 35 (3).
- 2010 McMeeking Sample, L.B., Cobb, R.B., and Basile, C. "Evaluating Long-term Complex Professional Development: Using a Variation of the Cohort Control Design," *Evaluation & Research in Education*, Vol. 23, No. 4, 2010, pp. 273-285.
- 2010 Culpepper, S. A., Basile, C., Ferguson, C. A., Lanning, J. A., & Perkins, M. A. (2010). Understanding the transition between high school and college mathematics and science. *The Journal of Mathematics and Science: Collaborative Explorations*, 12, 157-167.

- 2010 Sample - McMeeking, L., Orsi, R., Cobb, B., & Basile, C. (2010). Effects of a teacher professional development program on the mathematics achievement of middle level students in the United States. Paper published in the proceedings of the International Conference for Educational Research Annual Meeting, Madrid, Spain.
- 2010 Basile, C., Cobb, B., Sample - McMeeking, L. (2010). Using theory based evaluation to distinguish and integrate research and evaluation functions in large-scale professional development projects. Paper published in the proceedings of the International Conference for Educational Research Annual Meeting, Madrid, Spain.
- 2009 Swackhamer, L., Koellner, K., Basile, C., & Kimbrough, D. (2009). Increasing the self-efficacy of in-service teachers through content knowledge, *Teacher Education Quarterly*, 36(2), 63-78.
- 2008 Basile, C. & Kimbrough, D. (2008). Veritable quandary of teacher math and science content knowledge, *Journal of School Math and Science*. 108(2), 44-45.
- 2008 Gutierrez, C., Field, S., Basile, C., & Simmons, J. (2008). Principals as knowledge managers: Helping principals of professional development schools intentionally utilize the resources of the partnership. *School-University Partnerships* 1(2), 42-54.
- 2008 Zucker, M., Shanklin, N., & Basile, C. (2008). When literacy collides with math and science : The positive effects of integration. Colorado Reading Council Journal, Fall 2008, 19-24.
- 2007 Gutierrez, C., Field, S., Basile, C. (2007). Principals as Knowledge Managers in Partner Schools. *School Leadership and Management*, 27(4), 333 – 346.
- 2007 Sobel, D., Sands, D., Basile, C. (2007). Designing and evaluating a merged teacher preparation program. *New Educator*; 3, 241-262.
- 2005 Barker, H., Basile, C., & Olson, F. (2005). Teachers as advisors: Fostering active citizens in schools. *Kappa Delta Pi Record*, 41(4) 167-171.
- 2004 Basile, C. (2004). Access to knowledge in partner schools. *Kappa Delta Pi Record*, 41(1) 42-45.
- 2003 Utley, B., Basile, C., & Rhodes, L. (2003). Walking in two worlds: Master teachers serving as site coordinators in partner schools. *Teaching and Teacher Education*, 19, 515-528.

- 2003 Basile, C., Nathenson-Mejia, S., & Olson, F. (2003). Problem-based learning: Reflective coaching for teacher educators. *Reflective Practice*, 4(3) 291-302.
- 2003 Basile, C., & Rhodes, L. (2003). Teacher education and accountability: Becoming performance based. *Policy and Practice in Education*, 16(1) 1- 14.
- 2002 Basile, C. & Nathenson-Mejia, S. (2002). Problem-based learning: A tool for transfer. *Professional Educator*, 25 (1), 1-12.
- 2002 Keena, K., & Basile, C. (2002). An environmental journey. *Science and Children*, 39(8), 30-33.
- 2001 Basile, C. & Olson, F. (2001). Learning from the heart: The critical factor of choice. *Classroom Leadership* [Online], 5(2). [www.ascd.org](http://www.ascd.org).
- 2001 Basile, C. & White, C. (2001). Environmental literacy for teachers of young children: A model for professional development. *The Professional Educator* 23(2), 29-38.
- 2000 Basile, C. & White, C. (2000). Respecting living things: Environmental literacy for the young child. *Early Childhood Education Journal*, 28 (1), 57-61.
- 2000 Basile, C. & White, C. (2000). Voices of Environmental Citizenship. *Clearing*, 107, 9-13.
- 2000 Basile, C. (2000). Environmental education as a catalyst for transfer of learning in young children. *Journal of Environmental Education*, 32(1), 21-27.
- 2000 Basile, C. & White, C. (2000). Young children as environmental citizens. *Green Teacher*, 62, 22 – 25.
- 2000 Basile, C. & White, C. (2000). Environmental education: A walk in the park is just the beginning. *Dimensions of Early Childhood Education*, 28(3), 3-8.
- 2000 Basile, C. & White, C. (2000). Environmental literacy: Providing an interdisciplinary context for young children. *Contemporary Issue in Early Childhood Education*, 1(2), 201-208.
- 1999 Basile, C. (1999). Collecting data outdoors: Making connections to the real world. *Teaching Children Mathematics*, 12(2), 17-20.
- 1999 Basile, C. & Copley, J. (1999). Uniting theory and practice: Creating field experiences for preservice students through community relationships. *Teacher Educators Journal*, 8(2), 13-22.

- 1999 Basile, C. & White, C. (1999). Tadpoles and tough questions: Integrating social studies and environmental education. *Social Studies and the Young Learner*, 12(2), 17 - 20.
- 1999 Basile, C. & White, C. (1999). Environmental education reform for the young child. *Environmental Communicator*, 29(3), 16.
- 1997 Lemke, T. & Basile, C. (1997). An odyssey into cooperative learning. *Journal of Pharmaceutical Education*, (61), 351-357.

### Books and Book Chapters

- 2012 Gutierrez, C., & Basile, C., (2012). Universities, Schools, and Communities: A New Generation of PDS Roles, Structures, and Governance. In J. Neopolitan, (Ed.) *Professional development school yearbook*, NSSE.
- 2011 Basile, C. (2011). Assessing University Partnership Impact on School Climate and Culture. In J. Nath, I. Guadarrama, & J. Ramsey, (Eds.), *Professional development schools: Advances in community thought and research*. (Vol. 4). Greenwich, CT: Information Age Publishing.
- 2009 Basile, C., & Johnson, S. (2009). Capturing teacher learning and curiosity through science notebooks. In C. Craig & L. Deretchin (Ed.), *Cultivating curious and creative minds: The role of teachers and teacher educators, Part I, Teacher Education Yearbook XVIII*. Lanham, MD: Roman and Littlefield in connection with the Association for Teacher Educators.
- 2009 Basile, C., (Ed.). (2009). Intellectual capital: *The intangible assets of professional development schools*. Albany, NY: State University of New York Press.
- 2008 Basile, C. (2008). *Adding energy to the classroom: Elementary school teacher resource guide, grades K-3*. Texas State Energy Conservation Office, Texas Solar Energy Society, and the Office of the Comptroller.
- 2007 Basile, C., & Walters, B. (2007). Building interpersonal skills through environmental studies. In Seidel, R. & A. Kett (Eds.), *From principles of learning to strategies for instruction: empirically based ingredients to guide instructional development* (pp. 359-372). New York, NY: Springer.
- 2006 Fulmer, C., & Basile, C. (2006). Investigating distributed leadership in professional development schools. In J. Neopolitan & T. Berkeley (Eds.), *Where do we go from here? Issues in the sustainability of professional development school partnerships* (pp. 127-148). New York, NY: Peter Lang.
- 2006 Basile, C. (2006). From mentoring to the Colorado new teacher consortium: Developing a comprehensive induction plan. In J. Dangel (Ed.), *Research on teacher induction: Teacher education yearbook XIV* (pp. 5-18). Lanham, MD: Rowman & Littlefield.

- 2006 Basile, C. (2006). Site professors in partner schools: Spanning university and K-12 boundaries. In K. Howey & N. Zimpher (Ed.), *Boundary spanners: The key to successful university/p-12 school collaboration* (pp. 187-210). New York, NY: AASCU.
- 2005 Barker, H., & Basile, C. (2005). Creating effective middle schools through inquiry: Conversations with practitioners. In M. Caskey (Ed.), *Action research at the middle level: Teachers and administrators in action* (pp. 169-184). Greenwich, CT: Information Age Publishing.
- 2005 Basile, C. & Townsend, S. (2005). From dialogue to practitioner research: Exploring the dilemmas of a partnership. In J. Nath, I. Guadarrama, & J. Ramsey (Eds.), *Professional development schools: Advances in community thought and research* (pp. 191-206). Greenwich, CT: Information Age Publishing.
- 2005 Basile, C., & White, C. (Reprint) (2005). Young children as environmental citizens. In T. Grant, & G. Littlejohn (Eds.), *Teaching green: The elementary years* (pp 4-8). Toronto, ON: Green Teacher and Gabriola, BC: New Society Publishers.
- 2004 Basile, C. (2004). Jefferson County open school: Voices of global citizenship. In R. Openshaw, C. White, & P. Benson (Ed.), *Democracy at the crossroads: International perspectives on critical global citizenship* (pp. 347-364). Lanham, MD: Lexington Books
- 2004 Basile, C. (Ed.) (2004). *A Good Little School*. Albany, NY: SUNY.
- 2004 Basile, C., & Townsend, S. (2004). Linking teacher preparation and student performance through practitioner research. In E. Guyton & J. Dangel (Eds.), *Research linking teacher preparation and student performance: Teacher Education Yearbook XII* (pp. 151-166). Dubuque, IA: Kendall Hunt.
- 2003 Basile, C. & White, C. (2003). Breathing space: Environmental efficacy for social efficacy. In C. White, (Ed.), *True confessions: Social efficacy, pop culture, and the struggle in school* (pp. 107-116). Cresskill, NJ: Hampton Press.
- 2003 Basile, C. & White, C. (2003). Reading the World: Literacy in the Context of Popular Culture. In C. White, (Ed.), *True confessions: Social efficacy, pop culture, and the struggle in school* (pp. 67-76). s. Cresskill, NJ: Hampton Press.
- 2003 White, C. & Basile, C. (2003). Hearts and Minds: Schools and the Battle for Pokemon and Harry Potter (pp. 77-88). In C. White, (Ed.), *True confessions: Social efficacy, pop culture, and the struggle in schools*. Cresskill, NJ: Hampton Press.

- 2002 Basile, C., & Marlow, M. (2002). Integrated science and social studies: Sustainable Development in the Front Range. In W. Filho, (Ed.), *Teaching sustainable development in the university* (pp 151-164). New York, NY: Peter Lang
- 2000 Basile, C., White, C., & Robinson, S. (2000). *Awareness to citizenship: Environmental literacy for the elementary child*. Lanham, MD: University Press of America.
- 1999 Basile, C. (1999). The outdoors as a context for mathematics in the early years in J. Copley (Ed.), *Mathematics in the early years* (pp.156-161). Reston, VA: National Association for the Education of Young Children.
- 1998 Copley, J. & Basile, C. (1998). *Math central: Grade two*, Teacher's Edition, Volume 1, Volume 2, and Student Edition. Boston, MA: Houghton-Mifflin.
- 1997 Basile, C., Collins, F., Gillespie-Malone, J. (1997). *Nature at your doorstep: Real world investigations for primary students*. Boulder, CO: Teacher's Ideas Press.

### **Blogs, Essays and Editorials**

- 2021 Blog, Basile, C. (2021, February 25). What kind of national tutoring corps would work?.  
<https://education.asu.edu/the-next-normal/what-kind-of-national-tutoring-corps-would-work>
- 2021 Blog, Basile, C. (2021, January 14). Home and community: From helping “my kids” to helping all kids.  
<https://education.asu.edu/the-next-normal/home-and-community>
- 2020 Essay. Basile, C. (2020, November 10). Tracking Program Completers: Changing Programs and the Field.  
<https://www.niet.org/assets/ResearchAndPolicyResources/44bc2852e6/tracking-program-completers-carole-basile.pdf>
- 2020 Blog, Basile, C. (2020, September 30). Looking beyond COVID to a coherent theory of change.  
<https://education.asu.edu/the-next-normal/time-provisional-decisions>
- 2020 Blog, Basile, C. (2020, July 23). A time for provisional decisions.  
<https://education.asu.edu/the-next-normal/time-provisional-decisions>
- 2020 Blog. Basile, C. (2020, May 27). Systems planning in a crisis.  
<https://education.asu.edu/the-next-normal/systems-planning-crisis>
- 2020 Blog. Basile, C. (2020, April 29). Cracks in the normal.  
<https://education.asu.edu/the-next-normal/cracks-in-the-normal>

- 2020 Blog. Basile, C. (2020, April 15). Four Deans, four disruptors, four different challenges. Ed Prep Matters. <https://edprepmatters.net/2020/04/four-deans-four-disruptors-four-different-challenges/>
- 2020 Blog. Basile, C. (2020, February 20). Substitutes and (in)equity. <https://education.asu.edu/the-next-normal/substitutes-and-inequity>
- 2020 Blog. Basile, C. (2020, February 10). A note on equity. <https://education.asu.edu/the-next-normal/note-equity>
- 2020 Editorial. Basile, C. (2020, February 2). Did you get the good teacher? That's a question Arizona students should never ask. <https://www.azcentral.com/story/opinion/op-ed/2020/02/02/arizona-teacher-shortage-addressed-work-teams/4535210002/>
- 2019 Blog. Basile, C. (2019, November 26). To personalize learning, personalize teaching. <https://education.asu.edu/the-next-normal/personalize-learning-personalize-teaching>
- 2019 Blog. Basile, C. (2019, September 20). What's a College of Education for. The Next Normal. <https://education.asu.edu/the-next-normal/what's-college-education>
- 2018 Editorial. Basile, C. (2018, January 19) Higher pay alone won't solve Arizona's teacher shortage <https://www.azcentral.com/story/opinion/op-ed/2018/01/19/solve-arizona-teacher-shortage-isnt-pay/1037234001/>

## TEACHING

In addition to university teaching are numerous professional learning workshops, meetings, and symposia utilizing techniques from the fields of organizational development, change management, and human service design.

### **Arizona State University**

EPA 792: Research

TEL 705: Systems Change and Leadership

TEL 710: Innovations In Disseminating Research

TEL 780: Practicum

TEL 791: Seminar

TEL 792: Research

TEL 799: Dissertation

### **University of Missouri St. Louis**

EDUC 7605: Scholarship of Teaching and Learning



EDUC 7889: Laboratory of Practice  
 EDUC 7640: Learning Community of Practice  
 EDUC 7395 Tool Seminar for Educator Practice: Human Service Design:

### **University of Colorado Denver**

UCTE 5040/5050: Diversity in Pedagogy I and II  
 DSEP 7930/7931: Ed.D. Internships  
 TCED 1111: Freshman Seminar-Learning for the 21<sup>st</sup> Century  
 TED 1111: Freshman Seminar-Learning for the 21<sup>st</sup> Century  
 T ED 5000: Math and Science for the Future  
 SECE 5800: Math and Science Leadership Institute  
 EDLI 7300: Individual and Systems Change  
 ELED 5416: Math and Science Connections  
 EDLI 7710: Teacher Education Research Lab  
 IPTE 5070/5071: Teacher Inquiry  
 IPTE 5004/5005: Science and Social Studies in the Elementary School  
 IPTE 5020/5021: Integrated Curriculum Workshop  
 ITE 5020/ 5021: Integrated Learning in Elementary Education  
 ITE 5910/5911/5912: School Internship and Leadership Seminar  
 ITE 5960/5961: Leadership Seminar: The Young Child

### **University of Houston**

CUIN 3315: Introduction to Early Childhood Education  
 CUIN 3316: The Pre-Kindergarten Child  
 CUIN 3317: Kindergarten and Elementary Programs  
 CUIN 4315: Assessment for the Young Child  
 CUIN 4317: Innovative Programs for the Young Child  
 CUIN 4318: Organizing the Environment for the Young Child  
 CUIN 4375: Classroom Management  
 CUIN 6381: The Pre-Kindergarten Child  
 CUIN 6397: Environmental Literacy for the Elementary Child  
 CUIN 7382: Adaptive Instruction in the Elementary School  
 CUIN 7384: Trends and Issues in Early Childhood and Elementary Education  
 CUIN 7348: Teacher Education in Early Childhood and Elementary Education

## **PRESENTATIONS AT CONFERENCES, MEETINGS, AND SEMINARS**

- 2020 (Virtual) Basile, C., Invited Speaker, Keynote Speech, (2020, December 2). *A Portrait of a Graduate; A Portrait of an Educator*. CRMEF Conference.  
<https://www.youtube.com/watch?v=w-cxzxLv28A&feature=youtu.be>.
- 2020 (Virtual) Basile, C., Turner, L., Ritter, G., Springer, M., & Monaco, M. (2020, November 18). *Unpacking the Unknown: Tracking New Teachers' Progress after Graduation* [Webinar], National Institute for Excellence in Teaching (NIET).  
<https://www.niet.org/newsroom/show/video/tracking-new-teachers-progress-after-graduation>.

- 2020 (Virtual) Basile, C., Invited Speaker, Keynote Speech, (2020, October 8) *Next Education Workforce: Creating Teams and Distributed Expertise for Student Impact*. Madac Education Forum.
- 2020 (Virtual) Basile, C. Hargrove, B., Thompson, C., Morse, R., (2020, August 21), *Improvement Science in the Time of COVID-19: ASU/Avondale* [Webinar] Carnegie Foundation for the Advancement of Teaching.  
<https://www.carnegiefoundation.org/resources/videos/creating-coherence-amid-covid-19/>.
- 2020 San Francisco Thompson, N. L., Basile, C. G., Gummer, E. & Morse, R. (2020, Apr 17 - 21) *Reimagining the Educator Workforce: Leveraging Educator Preparation to Change Schools* [Poster Session]. AERA Annual Meeting San Francisco, CA <http://tinyurl.com/vulhysm> (Conference Canceled).
- 2020 Atlanta Basile, C. (moderator), Panelists included: L. Steer, K. Arkorful, P. Atherton, D. Johnson, Y. Mlambo. *Transforming the Education Workforce: Learning Teams for a Learning Generation*, Panel moderator. American Association of College Teacher Educators, Atlanta, GA.
- 2020 Atlanta Basile, C. (presenter), with W. Blanchett (moderator), D. Pope-Davis, C. Monto, K. White-Smith. *Disruptive Deans*. American Association of College Teacher Educators, Atlanta, GA.
- 2020 Marrakesh Filloon, C. A., Thompson, N. L., Basile, G. C., Beghetto, R. A., Pinkerton, T. M., Gibbs, N. P., Morse, R. W. (2020, January). *Context matters: Finding inspiration while creating a unique framework for character development*. Workshop presented at the annual meeting of the International Congress for School Effectiveness and Improvement, Marrakesh, Morocco.
- 2020 San Francisco Basile, C. G., & Thompson, N. L. (April, 2020). *Teacher Preparation as a Catalyst for Building a New Educator Workforce*. Paper presented at the Carnegie Summit, San Francisco, CA.
- 2019 Guyana Invited speaker, Keynote Speech and Plenary Session, *Lesson Planning to Support Instructional Design & Delivery in Higher Education*, Center for Teaching and Learning Conference, University of Guyana.
- 2019 Prescott Invited speaker, Summer Institute for Systems Leadership Teams, Prescott, AZ.
- 2019 Washington DC Invited speaker, The New Normal, Next Education Workforce Convening. Sponsored by ASU MLFTC, Ashoka, and American Association for College Teacher Educators, Washington, DC.
- 2019 San Diego Panel member of Deans and Superintendents, Carnegie iLead, San Diego, CA.

- 2018 San Diego Invited speaker, Keynote Speech , *Teacher Shortage: More than a Supply Chain Problem*. Insight Education, National Education Leaders' Workshop, San Diego, CA
- 2018 Barcelona Thompson, N.L., Basile, C., Oakes, W., Filloon, C. (2018, November). *Adding purpose to innovation: Integrating character education into the systems of teacher preparation*. Paper presented at the 44th Annual AME Conference, Barcelona, Spain.
- 2016 Las Vegas Panel member of the Speaker Spotlight at the American Association for College Teacher Educators Annual Meeting, Las Vegas, NV.
- 2015 Atlanta Vanderbilt University, University of Maryland, University of Missouri-St. Louis. *Learning in and through practice: three practice-rich models*. Paper presented at the American Association for College Teacher Educators Annual Meeting, Atlanta, GA.
- 2015 Atlanta Wasely, P., Hernandez, F., Basile, C. *Transforming teacher education with teaching channel teams*. Paper presented at the American Association for College Teacher Educators Annual Meeting, Atlanta, GA.
- 2011 Washington DC Orsi, R., Cobb, B., & Basile, C. *Effects of a teacher professional development program on the mathematics achievement of middle level students in the united states*. Paper presented at the National Science Foundation Math and Science Partnership Meeting. Washington DC.
- 2011 California Gutierrez, C., Basile, C., et al. *Tinkering No More: The Story of Redesigning a Deeply Connected and Coherent Urban Teacher Education Program*. Paper presented at the American Association for College Teacher Educators Annual Meeting, San Diego, CA.
- 2011 California Basile, C. *Theory-Based Evaluation in Teacher Education*. Paper presented at the American Association for College Teacher Educators Annual Meeting, San Diego, CA.
- 2010 Madrid, Spain Sample - McMeeking, L., Orsi, R., Cobb, B., & Basile, C. *Effects of a teacher professional development program on the mathematics achievement of middle level students in the united states*. Paper presented at the International Conference for Educational Research Annual Meeting, Madrid, Spain.
- 2010 Madrid, Spain Basile, C., Cobb, B., Sample - McMeeking, L., *Using theory based evaluation to distinguish and integrate research and evaluation functions in large-scale professional development projects*. Paper presented at the International Conference for Educational Research Annual Meeting, Madrid, Spain.
- 2010 Colorado Basile, C., Keynote Speaker, National Governor's Association Center for Best Practices Meeting, Denver, CO.

- 2010 Colorado Culpepper, S., & Basile, C.. *Understanding Factors that Contribute to Success in College Science and Mathematics Courses*. Paper presented at the 2010 AERA Annual Meeting. Denver, CO.
- 2010 Washington DC Basile, C. (2010). *Schools and Teachers as Connectors: Providing Access to Math and Science*. Presentation at the National Science Foundation Learning Network Conference, Washington, DC.
- 2010 Washington DC Cobb, B., Basile, C. (2010). *An Evolutionary Case Study of Using Theory-Based Evaluation in a Math and Science Partnership Project*. Presentation at the National Science Foundation Learning Network Conference, Washington, DC.
- 2010 Washington DC Kimbrough, D., Basile, C. (2010). *STEM Faculty in the MSP: Evolutions and Revolutions*. Presentation at the National Science Foundation Learning Network Conference, Washington, DC.
- 2009 California Swackhamer, L., Koellner, K., & Basile, C. (2009). *Increasing the Teacher Efficacy of Middle School Math and Science Teachers*. Presentation at the American Education Research Association 2009 Conference, San Diego, CA.
- 2009 California Basile, C. & Kimbrough, D. (2009). *Teacher Science Notebooks: A Tool for Integration of Teacher Knowledge and Reflection*. Presentation at the American Education Research Association 2009 Conference, San Diego, CA.
- 2009 California Fritz, A., Basile, C., & Albright, L. (2009). *The Meaning of Summer Science and Math Camp for Middle School Youth: A Statewide Evaluation*. Presentation at the American Education Research Association 2009 Conference, San Diego, CA.
- 2009 California Sample-Meeking, L., Cobb, B., & Basile, C. (2009). *Using a Variation of the Cohort Control Design to Evaluate Large-Scale, Long-Term, Messy Professional Development Programs*. Presentation at the American Education Research Association 2009 Conference, San Diego, CA.
- 2008 Washington DC Basile, C. & Kimbrough, D. (2008). *Examining Teacher Content Knowledge in the Context of Science Notebooks*, National Science Foundation Math and Science Partnership Annual Meeting, Washington DC.
- 2007 Virginia Basile, C. & Keena K. (2007). *Bridging Science and Social Studies Teacher Education for Sustainability*. Presented at the North American Environmental Education 2007 Conference, Virginia Beach, VA.
- 2007 California Gutierrez, C. & Basile, C. (2007). *The Development of Teacher Leaders: Emerging from Isolation*. Paper presented at the American Education Research Association 2007 Conference, San Francisco, CA.
- 2007 Washington DC Kimbrough, D. & Basile, C. (2007). *Co-teaching Among STEM, School of Education, and K-12 Faculty: A STEM Faculty Perspective* Presentation at the

- National Science Foundation Math and Science Partnership Annual Meeting, Washington DC.
- 2007 Washington DC Kimbrough, D., Basile, C., & Wallace, S. (2007). *Three Perspectives on STEM Faculty Participation from the Rocky Mountain Middle School Math and Science Partnership*. Keynote presentation at the National Science Foundation Math and Science Partnership Annual Meeting, Washington DC.
- 2006 Washington DC Basile, C. & Kimbrough, D. (2006). *The Veritable Quandary of Measuring Teacher Content Knowledge in Math and Science Partnership*. Presentation at the National Science Foundation Math and Science Partnership Evaluation Meeting, Washington DC.
- 2006 Minnesota Young, D. & Basile, C. (2006). *Teachers Learning in Networked Communities*. Presented at the National Commission for Teaching America's Future Conference, St. Paul, MN.
- 2006 Washington Basile, C. (2006). *Life in a Real Partner School*. Presentation at the Partner School Leadership Development Symposium, National Network for Educational Renewal, Seattle, WA.
- 2006 California Gutierrez, C., Field, S., Simmons, J., & Basile, C. (2006). *Principals as knowledge managers*. Paper presented at the American Education Research Association 2006 Conference, San Francisco, CA.
- 2006 California Basile, C. (2006). *Intellectual capital and professional development schools*. Paper presented at the American Education Research Association 2006 Conference in conjunction with a pre-conference workshop entitled, A Developmental Approach for Research on Professional Development Schools. San Francisco, CA.
- 2006 Washington DC Sobel, D., Taylor, S., Fulmer, C., & Basile, C. (2006). *Where do we go from here: Issues in the sustainability of PDS partnerships?* Paper presented at the American Association of College Teacher Educators 2006 Conference, Washington, DC.
- 2005 Shanghai Basile, C. (2005). *The Importance of School-University Partnerships*. Paper presented at the 2005 International Education Conference on School Accreditation and Improvement, Shanghai, China.
- 2005 Shanghai Basile, C. (2005). *University-School Partnerships across the Teacher Professional Continuum*. Paper presented at the 2005 International Education Conference on School Accreditation and Improvement, Shanghai, China.
- 2005 Colorado Basile, C., Field, S., Gutierrez, C., & Simmons, J. (2005). *Principals as Knowledge Managers: Building and Capitalizing on Intellectual Capital*. Paper presented at the 2005 Colorado Principal's Center Leadership Institute, Denver, CO.

- 2005 Quebec Basile, C., et al. (2005). *Intellectual Capital and Professional Development Schools*. Paper presented at the American Education Research Association 2005 Conference, Montreal, Quebec.
- 2004 Illinois Wilson, C., Mantle-Bromley, C., Bailey, M., Basile, C., et al. (2004). *Developing Networks of Responsibility: Bringing Community into School-University Partnerships*. Presentation at the American Association of College Teacher Educators 2004 Conference, Chicago, IL.
- 2004 Illinois Levine, M., Wise, A., Santorno, C., Basile, C., et al. (2004). *Shaping Systemic Approaches to Professional Development School Partnerships: Teacher Quality, Retention, and Student Achievement*. Presentation at the American Association of College Teacher Educators 2004 Conference, Chicago, IL.
- 2004 Illinois Ginsberg, R., Whaley, D., Lofquist, P., Rhodes, L., Basile, C., & Wyman, W. (2004). *Celebrating Success: Doing Partnerships Right*. Presentation at the American Association of College Teacher Educators 2004 Conference, Chicago, IL.
- 2004 California Basile, C. (2004). *School-University PDS Partnerships: From Implementation to Impact*. Paper presented at the American Educational Research Association 2004 Conference, San Diego, CA.
- 2004 Illinois Bailey, M., Mantle-Bromley, C., Wilson, C., Basile, C., et al. (2004). *Developing Networks of Responsibility: Bringing Community into School-University Partnerships*. Presentation at the American Association of College Teacher Educators 2004 Conference, Chicago, IL.
- 2003 Utah Bailey, M., Mantle-Bromley, C., Wilson, C., Basile, C., et al. (2004). *Developing Networks of Responsibility: Bringing Community into School-University Partnerships*. Presentation at the National Network for Educational Renewal 2003 Conference, Salt Lake City, UT.
- 2003 Utah Ginsberg, R., Whaley, D., Rhodes, L., Kozleski, E., Basile, C., & Wyman, W. (2003). *Celebrating Success: Doing Partnerships Right*. Presentation at the National Network for Educational Renewal 2003 Conference, Salt Lake City, UT.
- 2003 Illinois Basile, C. & Townsend, S. (2003). *From Dialogue to Practitioner Research: Exploring the Dilemmas of a Partnership*. Paper presented at the American Educational Research Association 2003 Conference, Chicago, IL.
- 2003 Illinois Marlow, M. & Basile, C. (2003). *Sustainable Development in the Colorado Front Range: A Methods Course for Preservice Teachers*. Paper presented at the American Educational Research Association 2003 Conference, Chicago, IL.

- 2003 Washington DC Basile, C. (2003). *From Dialogue to Practitioner Research: Exploring Student Learning Through Partner Schools*. Paper presented at the Holmes Partnership 7th Annual Conference, Washington, DC.
- 2003 Washington DC Basile, C. & Rhodes, L. (2003). *The Impact of Partner Schools on Student Learning: Developing a Model*. Paper presented at the Holmes Partnership 7th Annual Conference, Washington, DC.
- 2002 Colorado Basile, C. & Townsend, S. (2002). *From Dialogue to Practitioner Research: Exploring the Dilemmas of Partner Schools Critical Friend Groups*. Paper presented at the 2002 Northern Rocky Mountain Educational Research Association Conference, Estes Park, CO.
- 2002 Colorado Basile, C. (2002). *Finding Humanity in Education through Portraiture and Phenomenology*. Paper presented at the 2002 Northern Rocky Mountain Educational Research Association Conference, Estes Park, CO.
- 2002 Texas Basile, C. & Whote, C. (2002). *Awareness to Self-Advocacy: Environmental Literacy for Elementary Children*. Paper presented at the 2002 Texas Environmental Education Partnership Conference, Houston, TX.
- 2002 Texas Basile, C. (2002). *Sustainable Development for Preservice Teachers*. Paper presented at the 2002 Texas Environmental Education Partnership Conference, Houston, TX.
- 2001 Washington Rhodes, L., Basile, C., Bellamy, T., et al. (2001). *Partner Schools as Resources for School Districts: A Critical Dialogue*. Paper presented at the 2001 National Network for Educational Renewal Conference, Seattle, WA.
- 2001 Washington Basile, C. & Rhodes, L. (2001). *Learning from the Best: Teachers Who Prepare New Teachers*. Paper presented at the 2001 National Network for Educational Renewal Conference, Seattle, WA.
- 2001 Colorado Basile, C. & Rhodes, L. (2001). *Performance Based Assessment: Meeting Teacher Education Standards*. Paper presented at the 2001 Association for Teacher Educators Summer Conference, Denver, CO.
- 2001 Colorado Heintzman, L. & Basile, C. (2001). *Walking in Two Worlds: School Site Coordinators*. Paper presented at the 2001 Association for Teacher Educators Summer Conference, Denver, CO.
- 2001 Texas Basile, C. & Nathenson-Mejia, S. (2001). *Problem-Based Learning in Teacher Education*. Paper presented at the 2001 American Association for College Teacher Educators Conference, Dallas, TX.
- 2001 Colorado Basile, C. (2001). *Promoting Environmental Literacy Through Children's Literature*. Paper presented at the 2001 Colorado Council International Reading Association Conference, Colorado Springs, CO.

- 2001 Colorado Basile, C. (2001). *Literacy Through Pop Culture*. Paper presented at the 2001 Colorado Council International Reading Association Conference, Colorado Springs, CO.
- 2000 Texas Basile, C. (2000). *Promoting Environmental Literacy Through Issue-Based Children's Literature*. Paper presented at the 2000 National Council for the Social Studies Conference, San Antonio, TX.
- 2000 Texas Basile, C. (2000). *Taking Children from Awareness to Action*. Paper presented at the 2000 National Council for the Social Studies Conference, San Antonio, TX.
- 2000 Louisiana Basile, C. & White, C. (2000). *Environmental Education in the Early Years: An Integrative Issues Approach*. Paper presented at the 2000 American Educational Research Conference, New Orleans, LA.
- 1999 Texas Basile, C. (1999). *Environmental Literacy for Teachers of Young Children*. Paper presented at the 1999 EPA Roundtable, Dallas, TX.
- 1999 Florida Basile, C. & White, C. (1999). *From Awareness to Citizenship: Environmental Literacy in Early Childhood Education*. Paper presented at the 1999 National Social Studies Educators Conference, Orlando, FL.
- 1999 Ohio Basile, C. & White, C. (1999). *From Awareness to Citizenship: Environmental Literacy in Early Childhood Education*. Paper presented at the 1999 North American Association for Environmental Educators Conference, Cincinnati, OH.
- 1999 Ohio Hobgood, S. & Basile, C. (1999). *Project USA*. Paper presented at the 1999 North American Association for Environmental Educators Conference, Cincinnati, OH.
- 1999 Quebec Basile, C. & White, C. (1999). *Change in an Urban Environment*. Paper presented at the 1999 American Educational Research Association Conference, Environmental Education Special Interest Group, Montreal, Quebec.
- 1998 Texas Bumpous, S., Basile, C., & Thedford, J. (1998). *Texas Environmental Education Partnership*. Paper presented at the 1998 Texas Parent Teacher Association Conference, Corpus Christi, TX.
- 1998 Texas Basile, C. & Copley, J. (1998). *Collaborative Coaching as an Inservice Alternative*. Paper presented at the 1998 ATE Annual Meeting, Dallas, TX.
- 1998 Texas Basile, C., Copley, J., White, C., DeVoogd, G. (1999). *Contextual Learning for All Ages: Evidence from the Classroom*. Paper presented at the 1998 Southwest Educational Research Association Conference, Houston, TX.



- 1998 Nevada Basile, C. & Spachuk, L. (1998). *A Question of Balance: A Texas Environmental Education Conference in Review*. Paper presented at the 1998 National Science Teachers Association Conference, Las Vegas, NV.
- 1998 Texas Basile, C. & Malone, J. (1998). *Making Connections with Schools: Interpreting in a Schoolyard*. Paper presented at the 1998 National Association for Interpretation, 1998 Region 6 Conference, Nacogdoches, TX.
- 1998 Texas Basile, C. (1998). *Making Connections in your Schoolyard*. Paper presented at the 1998 Texas Conference of Weekday Ministries for Young Children, Houston, TX.
- 1997 Texas Basile, C. (1997). *Finding Mathematics in your Schoolyard*. Paper presented at the 1997 Houston Area Association for the Education of Young Children Conference, Houston, TX.
- 1997 Illinois Basile, C. (1997). *The Effectiveness of an Outdoor Nature Investigation Program on Young Children's Ability to Transfer Knowledge*. Paper presented at the 1997 Annual Meeting of the American Education Research Association, Chicago, IL.
- 1997 Texas Basile, C. (1997). *Using your Schoolyard to Make Connections*. Paper presented at the 1997 Early Childhood Education Conference, Corpus Christi, TX.
- 1997 Texas Basile, C. (1997). *Mathematics in the Schoolyard*. Paper presented at the Presbyterian Weekday Ministries Conference, Houston, TX.
- 1997 Texas Basile, C. (1997). *Curriculum and Instruction: Using your Schoolyard to Make Connections*. Paper presented at the 1997 Texas Association for the Education of Young Children Conference, Houston, TX.
- 1997 Vancouver Basile, C. (1997). *Nature at your Doorstep*. Paper presented at the 1997 North American Association of Environmental Educators Conference, Vancouver, British Columbia, Canada.
- 1997 Texas Basile, C. (1997). *Finding Mathematics Outdoors*. Paper presented at the 1997 Benbrook-Foerster Memorial Mathematics Conference, Houston, TX.
- 1996 Texas Basile, C. (1996). *Collaborative Coaching as Inquiry*. Paper presented at the 1996 University of Houston School-University Research Collaborative Conference, Houston, TX.
- 1996 Missouri Basile, C. & Collins, F. (1996). *Nature Investigations for Young Children: An Integrated Outdoor Curriculum*. Paper presented at the National Science Teachers Association Conference, St. Louis, MO.
- 1996 Louisiana Basile, C. (1996). *The Effectiveness of an Outdoor Nature Investigation Program on Young Children's Ability to Transfer Knowledge*. Paper presented at the Southwest Educational Research Association Meeting, New Orleans, LA.

- 1996 Texas Basile, C. (1996). *Self-Assessment and the Young Child*. Paper presented at the Southwest Regional Conference of the International Reading Association, Houston, TX.
- 1995 Texas Basile, C. & Collins, F. (1995). *Nature Investigations for Young Children: An Integrated Outdoor Curriculum*. Paper presented at the Conference for the Advancement of Science Teaching, Corpus Christi, TX.
- 1995 Texas Basile, C. (1995). *Nature Investigations for Young Children: An Integrated Outdoor Curriculum*. Paper presented at the Texas Association for the Education of Young Children, Dallas, TX.
- 1995 Texas Basile, C. (1995). *Assessment of Young Children: Perceptions of Parents and Children*. Paper presented at the Southwest Educational Research Association Conference, Dallas, TX.
- 1995 Texas Basile, C. & Pavonetti, L. (1995). *Literature and Science: Creative Use of Literature and Science Discovery Boxes*. Presented at the Texas State Reading Association Conference, Houston, TX.
- 1995 Texas Basile, C. (1995). *Young Children's Ability to Transfer Problem Solving Strategies to Authentic Problem Situations*. Paper presented at the Educational Psychology Symposium, College of Education, University of Houston, TX.
- 1995 Texas Basile, C. & Pavonetti, L. (1995). *Literature and Science: Creative Use of Literature and Science Discovery Boxes*. Presented at the Children's Literature Conference, Sam Houston State University, Huntsville, TX.

### INVITED PRESENTATIONS

- 2001-2007 Host and consult with other colleges/universities interested in using University of Colorado Denver's model of partner schools including Georgia State University, Boise State University, Harris-Stowe State College, Chadron State College, and University of Wyoming. Invited speaker to Maryville University related to alternative licensure programs. Invited speaker and consultant to Georgia State University related to partner school initiatives.
- 1995-2001 Invited presentations have included seminars and meetings in Texas for Houston Independent School District, Pasadena Independent School District, Alief Independent School District, Clear Creek Independent School District, LaPorte Independent School District, Spring Branch Independent School District, Spring Independent School District, and Pearland Independent School District, and the Texas A&M Early Development Center; in Colorado, Jefferson County School District; and in Missouri, St. Clair County School District.

#### Topics have included:

- "Learning Connections: Using Your Schoolyard, Technology, and Community"
- "Science and Language Arts: Inquiry through Investigation"

- “Nature at Your Doorstep: Using Your Schoolyard for Inquiry”
- “Making Connections in Mathematics”
- “Including the Outdoors as a Learning Center”
- “Coaching Models in Mathematics”
- “Assessment in the Elementary Classroom”

### RECOGNITIONS AND HONORS

2005 - 2006	University of Colorado Emerging Leaders Program
2001 - 2002	University of Colorado at Denver, School of Education Outstanding Research Award
1998 - 1999	University of Houston, College of Education Teaching Excellence Award
1994 - 1995	University of Houston Teaching Excellence Award
1994 - 1995	College of Education Outstanding Doctoral Student - Department of Curriculum and Instruction

### PROFESSIONAL ORGANIZATIONS

- National Network for Educational Renewal
- American Association of College Educators
- Association for Curriculum and Development
- Association of Teacher Educators
- American Education Research Association
- National Science Teachers Association
- National Council for Teachers of Mathematics

### NON-REFEREED PUBLICATIONS AND TECHNICAL REPORTS

2008	Basile, C. (2008). Get those teachers out of the classroom! Or why STEM teachers need to know about the real world. In Center for Education Policy Analysis, Learning about science, technology, engineering, and mathematics. Assessing the state of STEM education in Colorado, pp. 27-28.
2008	Kimbrough, D., & Basile, C. (2008). Rocky Mountain Middle School Math and Science Partnership, <i>Annual Report to the National Science Foundation</i> , 29 pages.
2008	Basile, C. (2008). Children’s Museum of Denver, <i>Year-End Project Evaluation Report for the Denver Public Schools Science and Literary Collaborative</i> , 10 pages.

- 2007 Basile, C., Koellner, K., & Kimbrough, D. (2007). Veritable quandary of teacher math and science content knowledge, on-line publication at <http://hub.mspnet.org>.
- 2007 Zucker, M., Basile, C., & Shanklin, N. (2007). Literacy in the content areas, on-line publication at <http://hub.mspnet.org>.
- 2007 Swackhamer, L., Basile, C., & Kimbrough, D. (2007). Increasing the self-efficacy of inservice teachers through content knowledge, on-line publication at <http://hub.mspnet.org>
- 2007 Kimbrough, D., & Basile, C. (2007). Rocky Mountain Middle School Math and Science Partnership, *Annual Report to the National Science Foundation*, 29 pages.
- 2007 Basile, C. (2007). Children's Museum of Denver, *Year-End Project Evaluation Report for the Denver Public Schools Science and Literacy Collaborative*, 10 pages.
- 2006 Kimbrough, D., & Basile, C. (2006). Rocky Mountain Middle School Math and Science Partnership, *Annual Report to the National Science Foundation*, 29 pages.
- 2006 Basile, C. (2006). Children's Museum of Denver, *Year-End Project Evaluation Report for the Denver Public Schools Science and Literacy Collaborative*, 10 pages.
- 2005 Basile, C. (2005). Children's Museum of Denver, *Year-End Project Evaluation Report for the Denver Public Schools Science and Literacy Collaborative*, 10 pages.
- 2004 Basile, C. (2004). Children's Museum of Denver, *Year-End Project Evaluation Report for the Denver Public Schools Science and Literacy Collaborative*, 10 pages.
- 2004 Basile, C. (2004). A new generation of partner schools. *Perspectives*, 13(1), 2.
- 2000 Basile, C., & Walters, B. (2000). Voices of democracy: Jefferson County Open School. *Perspectives*, 9(1), 6-7.
- 1999 Basile, C. (1999). Houston Zoological Society, *Year-End Project Evaluation Report*, 22 pages.
- 1999 Basile, C., Houston, R. (1999). Houston Annenberg Challenge: Browning Elementary, *Interim and Year-end reports*, 22 and 43 pages.

- 1999 Houston, R. & Basile, C. (1999). Houston Annenberg Challenge: Spring Shadows Elementary, *Interim and Year-end reports*, 18 and 28 pages.
- 1999 Houston, R., Waxman, H., & Basile, C. (1999). *The evolution of a collaborative 1994-1998: Strategies and outcomes for the Greater Houston Collaborative For Children*, Research Report Number 101. Houston, TX: The Institute for Urban Education, 60 pages.
- 1999 Basile, C., Houston, R., & Waxman, H. (1999). *The Genesis and Development of the Family-Centered Child Care Collaborative*, Research Report Number 102. Houston, TX: The Institute for Urban Education, 16 pages.
- 1999 Basile, C., Houston, R., & Waxman, H. (1999). *Beginnings and Initial Development of the Bridge/El Puente Project*, Research Report Number 103. Houston, TX: The Institute for Urban Education, 19 pages.
- 1999 Houston, R., Waxman, H., & Basile, C. (1999). *Year One Formative Evaluation of the Family-Centered Child Care Collaborative*, Research Report Number 104. Houston, TX: The Institute for Urban Education, 24 pages.
- 1999 Waxman, H., Basile, C., & Houston, R. (1999). *Year One Formative Evaluation of the Bridge/El Puente Project*, Research Report Number 105. Houston, TX: The Institute for Urban Education, 30 pages.
- 1999 Waxman, H., Basile, C., & Houston, R. (1999). *Year One Formative Evaluation of the Greater Houston Collaborative For Children*, Research Report Number 106. Houston, TX: The Institute of Urban Education, 34 pages.
- 1999 Basile, C., Spachuk, L., Jones, R., & Foss, D. (1999). *Beyond the walls, creating your schoolyard habitat*. [Brochure]. Houston, TX: Reliant Energy, 30 pages.

#### **FUNDED GRANTS**

- 2020-2023 Principal Investigator, University of Guyana, (\$1.2M/3 years)
- 2020-2021 Co-Principal Investigator, Mastercard, (\$30M/5 years)
- 2017-2022 Principal Investigator, Teacher Quality Partnership, U.S. Department of Education (\$5M/5 years)
- 2017-2021 Principal Investigator, Kern Family Foundation, (\$12.5M/4 years)
- 2015-2016 Co-Principal Investigator, Noyce Scholars, National Science Foundation, Robert Noyce Scholarship, (\$1.2M/5 years).

- 2011-2016 Funding from community foundations, individuals, and corporations (Boeing Corporation) for projects and priorities in the College of Education, University of Missouri St. Louis (\$500,000)
- 2011-2012 Evaluator, UC Denver WEST (Women in Engineering, Science, and Technology), (\$200,000/2 years)
- 2009-2014 Co-Principal Investigator, Noyce Math Scholars, National Science Foundation, Robert Noyce Scholarship, (\$900,000/5 years).
- 2009-2011 Co-Principal Investigator, RM-MSMSP Supplemental Funding, Robert Noyce Master Teachers (\$300,000/2 years)
- 2008-2010 Co-Principal Investigator, RM-MSMSP Supplemental Funding, Robert Noyce Master Teachers (\$600,000/2 years)
- 2012 Co-Principal Investigator, Transforming Experiences-GK-12, Grant funded by the National Science Foundation. (\$3.5M/5 years)
- 2007-2010 Co-Principal Investigator, The Northeast Front Range Mathematics/ Science Partnership (MSP) to Increase Teacher Competence in Content II. Fiscal agent--Jefferson County School District. Grant funded by the Colorado Department of Education, Title II Math and Science Partnerships. (\$600,000/3 years).
- 2007-2010 Co-Principal Investigator, Scholars for Knowledge in Learning and Leadership. Fiscal agent—Denver Public Schools. Grant funded by the Colorado Department of Education, Title II Math and Science Partnerships. (\$261,000/3 years).
- 2007-2010 Co-Principal Investigator, PLASMID – Professional Learning Access in Science and Mathematics through Internet Delivery Fiscal agent—South Central BOCES. Grant funded by the Colorado Department of Education, Title II Math and Science Partnerships. (\$600,000/3 years).
- 2007 Partner/Instructor, WIRED grant, Fiscal agent—Thompson School District. Grant funded by the Department of Labor. (\$400,000/1 year)
- 2007-2009 Executive Committee Member and Compact Leader, *Best Practices STEM Center Grant Program*. Fiscal Agent—Colorado Governor’s Office. Funded by the National Governors Association. (\$500,000/ 2 years)
- 2005 Principal Investigator, Carnegie of New York, Teachers for a New Era (\$3000/1year)
- 2005-2007 Principal Investigator on the subcontract for National Commission on Teaching and America’s Future (NCTAF)’s Microsoft Innovative Teachers Network Grant (\$100,000/2 years to UCDHSC)

- 2005 Principal Investigator, The Colorado New Educator Consortium: From Induction to National Board Certification. Grant funded by the National Education Agency (\$60,000/ 1 year).
- 2005 Principal Investigator, Strengthening and Sustaining Teachers Initiative at the University of Washington. Grant funded by the Carnegie and Johnson Foundations (\$16,000)
- 2005 Principal Investigator, The Colorado New Teacher Consortium: A Focus on Leadership. Grant funded by the Colorado Commission for Higher Education, No Child Left Behind grant (\$73,000/ 1 year).
- 2004-2009 Co-principal investigator, Rocky Mountain Middle School Math and Science Partnership. Funded by the National Science Foundation to increase the number of highly qualified teachers across the state. (\$12.5M/5 years)
- 2004 Principal Investigator, Leave No Child Behind Grant, A Systems Approach to Utilizing Professional Development Schools for First Year Teacher Retention: Induction Looping. Sponsored by the Colorado Commission for Higher Education, the focus of the grant was to examine content and assessment in each of seven partner middle schools. (\$67,000)
- 2003 Foundation for Excellent Schools, Funding for college preparatory services at Manual High School, Denver Public Schools. (\$60,000)
- 2003-2005 Co-principal investigator for the Red Rocks Community College National Science Foundation Grant. Collaborating with personnel from Red Rocks Community College and UCD's College of Liberal Arts and Science. Provides funding for recruitment of math and science teachers. (\$28,000)
- 2003 Co-principal Investigator for the Great Cities Universities initiative. Collaborating with Denver Public Schools Area Superintendent, Human Resource personnel, and principals from Garden Place Academy and Montbello High School. Provides funding to the NE Quadrant of Denver Public Schools for teacher preparation, recruitment, and retention using technology. (\$17,000)
- 2003 - 2006 Co-principal Investigator for the Kellogg Foundation initiative. Collaborating with community partnership personnel from Denver Public Schools, the Director of the Northeast School Collaborative, and a representative from the Institute for Educational Inquiry. This initiative provides funding for collaborations between schools, universities, and communities. (\$60,000)
- 2003 Co-Principal Investigator National Council for the Accreditation of Teacher Educators initiative. Collaborating with Denver Public Schools and the Denver Classroom Teachers Association. This initiative focuses on the development of partner schools (\$12,000)

- 2003 Principal Investigator Leave No Child Behind Grant, Building Content Capacity in Partner Middle Schools. Sponsored by the Colorado Commission for Higher Education, the focus of the grant was to examine content and assessment in each of seven partner middle schools. (\$75,000)
- 2001 - 2002 Principal Investigator Eisenhower Professional Development Grant, Examining Performance Based Assessment in Teacher Education: Pre-Licensure through Post-Licensure. The focus of the grant was to examine performance based assessment in the Initial Professional Teacher Education program and host a state year-end conference related to assessment in teacher education (\$121,000).
- 2000 Co-principal investigator for School of Education Special Projects Grant I. School-based professional development for the implementation and research of performance based assessment. Collaborating with Deanna Sands, Co-Principal Investigator. (\$3,700/year)
- 2000 Co-principal investigator for School of Education Special Projects Grant II. Collaborating with Deanna Sands, Co-Principal Investigator. School-based professional development for the implementation and research of performance based assessment. (\$3,700)
- 1999 - 2000 Co-Principal Investigator Eisenhower Professional Development Grant, Environmental Literacy for Teachers of Young Children. Collaborating with Cameron White, Co-Principal Investigator, and approximately 32 Pre-K – 3 teachers in Pasadena ISD, Clear Creek ISD, and Galena Park ISD. The focus of the grant was environmental biology and environmental education for young children (\$85,000).
- 1998 – 1999 Co-Principal Investigator Eisenhower Professional Development Grant, Environmental Literacy for Teachers of Young Children. Collaborating with Cameron White, Co-Principal Investigator, and approximately 32 Pre-K – 3 teachers in Pasadena ISD, Clear Creek ISD, and Galena Park ISD. The focus of the grant was environmental biology and environmental education for young children (\$85,000).
- 1998 - 1999 Co-Principal Investigator for Surveying Schoolyard Ecosystems: Validating Instruction through Science Support Teams. Cameron White, Co-Principal Investigator. Grant provided by the Environmental Institute of Houston. This grant funds four biology students to provide field surveys of ten schoolyards in Pasadena Independent School District. (\$10,000)
- 1997 - 1998 Principal Investigator for Schoolyard Habitats in Houston: A Website Catalogue. Grant provided by the Environmental Institute of Houston. Development of a website that will provide resources to K-12 schools wishing to implement or enhance a schoolyard habitat. (\$7,500)

#### **EVALUATION GRANTS**



- 2004 - 2007            Evaluator for the Children's Museum of Denver Grant through the Daniel's Fund and other private funding organizations.
- 1998 - 1999            Co-Principal Investigator, evaluation team for the Greater Houston Collaborative for Children. Robert Houston/Hersh Waxman: Co-Principal Investigators. Collaborative grant project funded by several of Houston's major foundations to provide services to families with children 0-6 years of age. (Evaluation was funded at \$500,000 for 6 years)
- 1998 - 1999            Planning and evaluation consultant for Annenberg Challenge Grants: Beacon Schools at Spring Shadows Elementary (Spring Branch Independent School District) and Browning Elementary (Houston Independent School District). National school reform grants covering a diverse range of issues and goals.
- 1997 - 1999            Evaluator for Project USA, a grant project of the Houston Zoological Gardens in collaboration with Texas Southern University, Austin H.S., and Houston Independent School District. This collaborative project involves creating school lab kits that will correspond to the Houston Zoo's new Children's Zoo project. (\$150,000/4 years)
- 1997                     Assistant Evaluator for the EvenStart program in Alief Independent School District. Wilford Weber, Principal Investigator. EvenStart provides parents of young children with a variety of life-skill classes and resources.
- 1995                     Research Assistant and Writer for the Texas Education Agency K-2 Patterns. Functions, Relationships Module Grant, mathematics curriculum published by all the region centers in Texas. Juanita Copley, Principal Investigator. (\$45,000)

#### **PENDING GRANTS**

- 2010                     Co-Principal Investigator, Discovery Research K-12  
Submitted to the National Science Foundation, January 2010
- 2009                     Evaluator, IT Catalyst Grant  
Submitted to the National Science Foundation, October 2009
- 2009                     Evaluator, Howard Hughes Medical Institute Grant  
Submitted to HHMI, August 2009
- 2009                     Co-Principal Investigator, Targeted Math Science Partnership  
Submitted to the National Science Foundation, August 2009 (12.5M/5 years)

#### **UNFUNDED GRANTS**

- 2010                     Co-Principal Investigator, Teacher Quality Partnership Grant

Submitted to the Department of Education, July & October 2009 (\$5M/5 years)

- 2009 Co-Principal Investigator, Teacher Institute in Mathematics Leadership  
Submitted by the University of Washington Bothell to the National Science  
Foundation Math and Science Partnership Institute solicitation, February 2009  
(\$792,233)
- 2009 Social Networking Analysis Project for Mathematics: SNAP for Math  
Submitted to the National Science Foundation DR-K12 solicitation, January 2009  
(\$281,050)
- 2007 National Science Foundation Exploring Science with English Language Learners  
(EXSELL), (\$1,499,862)
- 2006 National Science Foundation, Expedition into Science and Technology  
(\$799,805)
- 2006 National Science Foundation, GK-12 Partnership for Elementary Science  
Education (\$2,788,256)
- 2006 National Science Foundation, Scholars for Knowledge in Learning and  
Leadership (SKILL) Mathematics Science Partnership (\$4,684,066)
- 2006 Colorado Commission on Higher Education, Scholars for Knowledge in Learning  
and Leadership (SKILL) (\$300,000)
- 2006 Howard Hughes Medical Institute, The Rocky Mountain Gateway to Learning  
and Discovery (\$750,000)
- 2005 National Science Foundation, Rocky Mountain Middle School Math and Science  
Partnership II: From Highly Qualified to Highly Effective (\$1,951,326)
- 2004 Department of Education, Teacher Quality Enhancement Grant (\$10,000,000)

## **SERVICE**

### **University and College Leadership and Engagement**

Over twenty years of experience serving in various administrative roles across three university campuses including Dean, Associate Dean, Faculty Chair, Chair for various events, search committees, tenure and promotion committees, budget committees, institutional research boards, curriculum project committees, and other system, university, and college boards.

### **Community and Professional Engagement**

Chair, Deans Council, (2020-current)  
Carnegie Project for the Education Doctorate

Board Member, (2020-current)  
Carnegie Project for the Education Doctorate

Member (2020-current)  
Global Network of Deans of Education

Member (2018-current)  
Global Education Deans Forum  
Attended meeting in Shanghai, China

Member (2018-current)  
Education Commission, High Level Steering Committee  
Attended meetings in New York City, New York; Accra, Ghana; Hanoi, Vietnam

#### **Member and Impact Academy Lead Team (2014-2018)**

Deans for Impact

#### **Participant (2019)**

March of the Living Deans Group in conjunction with Rutgers University and the Miller Center

#### **Member (2015 – 2016)**

Missouri Network for Transforming Education Leadership Council

#### **Member (2015 – 2016)**

Magic House Board (St. Louis children's museum)

#### **Member (2011-2016)**

St. Louis Zoo Education Committee

#### **Member; Program Chair (2011-2015)**

Girls, Inc. Board

#### **Member (2015 – 2016)**

University Child Care Center Board

#### **Member (2015-2016)**

Deaconness Foundation Policy Advisory Task Force

**Education Division Chair (2015)**

United Way Campaign

**Member; Co-Chair Master Plan Committee (2015-2016)**

St. Louis Ready by 21 Initiative (a collective impact effort in the St. Louis region)

**Member**

Missouri CEEDAR Steering Committee and Leadership Team (2015-2017)

**Steering Committee Member (2015)**

MO-CASE Technical Advisory Board

**Chair (2014)**

Normandy Task Force

Missouri Department of Elementary and Secondary Education

**Chair Steering Committee**

American Graduate (2012-2013) (a national  
Nine Network initiative)

**Steering Committee (2012)**

Pathways to Prosperity

Department of Elementary and Secondary Education

**Board Member (2011-2016)**

Girls, Inc., St. Louis

Over twenty years of extensive community outreach. I have engaged in similar work in Colorado and Texas as well.

**Faculty Chair (2010-2011)**

Advanced Urban Education

School of Education and Development

University of Colorado Denver

**Member (2010-2011)**

Retention, Promotion, Tenure Committee

School of Education and Human Development

**Co-Chair (2010)**

Science Education Search Committee

**Member (2009-2010)**

Dean's Leadership Team and Coordinator of Undergraduate Teacher Education

University of Colorado Denver

**Chair (2007)**

The following search committees:

Search Committee, College of Liberal Arts and History Department Faculty and Chemistry  
University of Colorado Denver

**Chair (2007)**

The following search committees:

Search Committee, Director for the Center of Applied Science and Math for Innovation and  
Competitiveness  
University of Colorado Denver

**Co-chair (2007)**

The following search committees:

Search Committee, College School of Education and Human Development Math Education faculty  
University of Colorado Denver

**Mentor (2007 - 2009)**

New Faculty member; Brian Wee  
University of Colorado Denver

**Member (2007 - 2008)**

Graduate Council  
University of Colorado Denver

**Director (2006 - 2008)**

Center for Applied Science and Mathematics for Innovation and Competitiveness  
University of Colorado Denver

**Member (2007)**

Chancellor's Learning Task Force for the UCD Strategic Planning Process  
University of Denver

**Member (2005 - 2008)**

School of Education and Human Retention, Tenure, and Promotion Committee  
University of Colorado Denver

**Member (2004 - 2005)**

Dean's Resource Council (the council is charged with strategic planning for external funding for the  
School of Education and meets monthly)  
University of Colorado Denver

**Member (2004 - 2009)**

Dean's K-12 External Relationships Council (the council is charged with strategic planning for School of Education K-12 relationships and meets monthly)  
University of Colorado Denver

**Member (2004 - 2005)**

Dean's Advisory Council (this council is made up of all the Deans of the School of Education and works towards overall strategic planning for the School of Education)  
University of Colorado Denver

**Liaison (2003 - 2004)**

To the College of Liberal Arts and Science related to collaborative partnerships, grants, and undergraduate education  
University of Colorado Denver

**Member (2004 - 2005)**

Associate Dean's Council  
University of Colorado Denver

**Associate Dean (2004 - 2006)**

Teacher Education and Professional Learning; Responsible for multiple programs (i.e. Reading and Writing, Instructional Learning and Technology, Curriculum and Pedagogy, Bilingual Education, Special Education, Initial Professional Teacher Education)  
University of Colorado Denver

**Program Chair, Director, and Division Coordinator (2001 - 2006)**

Initial Professional Teacher Education Division  
University of Colorado Denver

**Chair (2001 - 2006)**

IPTE Council (IPTE Council is the coordinating board of the IPTE partner school program. The council's representatives include all site professors [faculty from the university who work one day/week in partner schools] and all site coordinators [master teachers who work full-time as liaisons between the partner school and the university.] The work of the Council includes admissions of new students, professional learning, and program governance. This group meets monthly.)  
University of Colorado Denver

**Chair (2001 - 2006)**

IPTE Executive Council (the Executive Council is a smaller group of site professors, site coordinators, a member of the College of Liberal Arts and Sciences, and the IPTE staff advisor. This group is an advisory body for the overall partner school program. This group meets monthly.)  
University of Colorado Denver

**Chair (2002 - 2006)**

Teacher Education Research Lab (the IPTE Research Lab was created to support IPTE faculty and school site coordinators on their own research efforts and provide a feedback mechanism for this year's larger research plan related to professional development schools and student learning.)

University of Colorado Denver

**Chair (2001 - 2006)**

Partner Principals' Meetings/Institutes (monthly meetings of partner school principals. The purpose of the meetings is to update principals on the events of the partnership and for principals to serve in an advisory capacity to the program)

University Denver

**Chair (2001 -2004)**

Lead Instructors (Lead instructors are faculty who take a lead in courses where there are multiple sections. The group focuses on curriculum, instruction, and performance based assessment of all program courses. The group meets monthly.)

University of Colorado Denver

**Teacher Education Liaison (2003)**

To Colorado Commission on Higher Education: Coordinate efforts for teacher education with the work of CCHE including serving on the college transfer committee and working with the College of Liberal Arts and Sciences on developing the undergraduate licensure program for CCHE approval.

University of Colorado Denver

**Member (2003 - 2004)**

School of Education Budget Committee (The SEHD Budget Committee provides advisory input to the Dean of the School of Education about matters related to budget. Current work is focusing on establishing values and priorities for possible rescission decreases.)

University of Colorado Denver

**Member (2003)**

University Dean's Search Committee for the School of Education: Dean's Search Committee, responsible for reviewing files, follow-up with references, and interviewing possible candidates.

University of Colorado Denver

**Elementary Coordinator (2000)**

Initial Professional Education Division

University Of Colorado Denver

**Participant (1999 - 2000)**

Initial Professional Teacher Education Council and served on the Steering Committee

University of Colorado Denver

**Member (2000)**

Initial Professional Teacher Education Redesign Team  
University Of Colorado Denver

**Lead Instructor (1999 - 2000)**

ITE 5020/5021, co-teaching with 9 Other faculty  
University of Colorado Denver

**Member (1995 - 1997)**

Committee for the Protection of Human Subjects  
University of Houston

**Member (1997)**

College of Education Undergraduate Curriculum Committee  
University of Houston

**Member (1996)**

Dean's Student Advisory Committee  
University of Houston

**Participant (1996)**

Dean's Search Committee  
University of Houston

**Community and Professional Levels****Member (2009-2011)**

Colorado State Performance and Assessment Committee

**Chair (2009 - 2010)**

Colorado State STEM Affinity Group for the State Race to the Top Grant Proposal

**Board Chair (2009-2011)**

Colorado STEM Network

**Chair (2008)**

STEMpalooza, first year State-wide conference that attracted 6000 participants to engage in science, technology, engineering, and mathematics



**Member (2008 - 2009)**

Education Advisory Board  
Denver Museum of Nature and Science

**Member (2008 - 2011)**

Advisory Board  
Math Engineering Science Achievement

**Member (2006 - 2011)**

Executive Committee and Board of Directors  
Colorado I Have a Dream

**Board Member (2006 - 2009)**

Colorado STEM Network (formerly Colorado Math Science Technology Engineering Math Coalition)

**Chair (2007-2008)**

Denver Metro WIRED Growing Your Own Solutions Team

**Invited Attendee (2007)**

National Commission on Teaching and America's Future meeting, Induction of Science and Mathematics Teachers Into Professional Learning Communities, October 29-November 1, 2007

**Community Liaison (2001 - 2006)**

Develop and maintain relationships in conjunction with the teacher education across the teacher development continuum with Jefferson County Independent School District, Douglas County Independent School District, Aurora Public Schools, Denver Public Adams County 12 and Adams County 14 School Districts, Red Rocks Community College, Community College of Denver, Aurora Community College, Front Range Community College, and Arapahoe Community College, and the Teacher CADET program

**Co-founder and Member (2003 - 2006)**

Linking for Learning and Consortium developing statewide teacher professional continuum initiatives. Partners include: Front Range Board of Cooperating Educational Services, Colorado Partnership for Educational Renewal, Alliance for Quality Teaching, Jefferson County School District, Denver Public School District, Colorado Department Of Education, Colorado Education Agency, and Colorado Principal's Center.

**Volunteer and Consultant (2001-2007)**

Director and Educational Director and staff on issues and grants related to environmental literacy and science

Children Museum Of Denver, CO

**Co-chair and Member (2001-2005)**

Northeast Quadrant Council and Strategy Team: Member of both the larger council and strategy team of the Denver Public Schools Northeast Quadrant. Co-chair the higher education action team and serve on the steering committee of the new Initiatives for Educational Inquiry grant awarded to the strategy team

**Consultant (2001 - 2006)**

Red Rocks Community College National Science Foundation grant and member of the Red Rocks Teacher Education Advisory Council  
Red Rocks Community College, Denver, CO

**Co-director (2002 - 2004)**

Summer camp focused on adopted children from Russia and other former Soviet Union nations  
Russian Heritage Camps, Winter Park, CO

**Member (2001 - 2002)**

Leadership Team  
Western Regional Leadership Associates sponsored by the Initiative for Educational Inquiry

**Member (1999 - 2000)**

Advisory Council  
Colorado Association for Environmental Educators

**Co-chair (1999 - 1999)**

Research and Development Committee  
Texas Environmental Education Partnership

**District Consultant (1992 - 1999)**

Houston Independent School District, Pearland Independent School District, Pasadena Independent School District, Clear Creek Independent School District, Spring Independent School District, Spring Branch Independent School District, and Alief Independent School District