

**CURRICULUM VITAE
LYNN DIANE DIERKING**

Professional Address: Science & Mathematics Education
Colleges of Science & Education
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ACADEMIC BACKGROUND

1987 Ph.D. in Science Education
 University of Florida
 Thesis Research: *Parent-Child Interactions in a Free Choice Learning Setting: An Examination of Attention-Directing Behaviors.*
 Advisor: John J. Koran, Jr.

1981 M.A. Ed. in Science Education
 University of Florida
 Thesis Research: *The Relative Effects of Recessing as an Attention- Directing Device in a Museum Exhibit.*
 Advisor: John J. Koran, Jr.

1978 B.S. in Biology (Minor: Chemistry) & Philosophy (Minor: German), Magna cum Laude
 University of Miami

PROFESSIONAL EXPERIENCES

2011-2016 Interim Associate Dean for Research, College of Education, OSU

2006-present Sea Grant Professor in Free-Choice Learning, Science & Mathematics Education, College of Science, Oregon State University (OSU)

1993-2007 Senior Researcher & Associate Director
 Institute for Learning Innovation, Annapolis, MD

1991-1993 Director, Science in American Life
 Curriculum Project
 National Museum of American History
 Smithsonian Institution
 Washington, D.C.

- 1989-1992 Assistant Professor
Elementary & Early Childhood Science Education
University of Maryland, College Park
- 1987-1988 Instructor
Elementary & Early Childhood Science Education
University of Maryland, College Park
- 1986-1987 Coordinator & Co-Principal Investigator
National Science Foundation-funded Community Learning Exchange
Smithsonian Institution & Howard County Chamber of Commerce, Maryland
- 1984-1985 Coordinator
Community Science Project
Smithsonian Institution Office of Educational Research
- 1982-1984 Graduate Research Assistant
Science Education
University of Florida
- 1979-1983 Educational Programming Assistant
Docent Coordinator
Elementary Science Teacher
Florida State Museum (now Florida Museum of Natural History)
University of Florida, Gainesville, Florida 32611
- January 1979-
June 1979 Carrollton School Science Teacher (6-12)
Coconut Grove, Florida
- 1978-1979 Educational Programming Staff
Elementary Science Teacher
Museum of Science
Miami, Florida

VISITING PROFESSORSHIPS

- Spring, 2015 Visiting Professor, Universiti sains Malaysia, Penang (University of
Malaysia, Penang) and the Southeast Asian Ministers of Education
Organization (SEAMEO)'s Regional Centre for Education in Science and
Mathematics. (RECSAM). Penang, Malaysia
- Spring, 2013 Visiting Professor, University of Southern Denmark, Odensee, Denmark
- Winter, 2013 Visiting Professor, M.S. in Science Communications
Birla Institute of Technology & Science, Pilani Rajasthan
National Council of Science Museums, Kolkata

- Spring, 2010 Jim Whyte Honorary Professor/Visiting Scholar Research Fellowship
School of Tourism
University of Queensland, Brisbane, Australia
- Summer, 2009 Visiting Professor
School of Tourism
University of Queensland
Brisbane, Australia
- Winter, 2009 Visiting Professor
Universidad de Antioquia. Medellin. Colombia
Facultad de Educación, Grupo de Investigación: Educación en Ciencias
Experimentales y Matemáticas (GECEM)
- Winter, 2004 Visiting Professor
School of Tourism
Queensland University of Technology
Brisbane, Australia
- Spring, 1998 Visiting Professor, Museum Studies Program, Department of Archeology
Museum Evaluation Specialist
Universidad de Tarapaca, Tarapaca & Santiago, Chile
Magister En Estudios Y Administracion Cultural

ADJUNCT/COURTESY APPOINTMENTS

- 2003-Fall 2006 Professor (Courtesy Appointment), Sea Grant/Science Education, Oregon
State University, Corvallis, OR
- 1992-1995 Adjunct Faculty, University of Maryland
Science Education courses
- 1986-1992 Adjunct Faculty
The George Washington University, Museum Education M.A.T. Program
Museum Evaluation and Research & Museum Audiences courses

PROFESSIONAL MEMBERSHIPS

- NARST, an international organization focused on research to improve science teaching and learning
American Educational Research Association (AERA)
National Science Teachers Association (NSTA)
American Alliance of Museums (AAM)
Museum Education Roundtable (MER)

LEADERSHIP ACTIVITIES**NARST****Board of Directors:** 2016-2018**Co-Chair:** Ad-Hoc Committee for Informal Science Education, 1999-2002**Member:** Outstanding Dissertation Award Committee, 2008-2009**Chair:** Outstanding Dissertation Award Committee, 2009-2010**NSTA****Member:** Nomination Committee 2002-2004**Editorial Board:***Journal of Museum Management & Curatorship*, 2004-present*Afterschool Matters*, 2012-present*Connected Science Learning*, 2015-present*Journal of Research in Science Teaching*, 2011-2014*Science Education*, 1996-2011**Section Co-Founder & Co-Editor:** Learning Science in Everyday Life Special Section, *Science Education*, 1996-2011**Manuscript Reviewer:** *Science Education**International Journal of Science Education**International Journal of Qualitative Studies in Education**Public Understanding of Science**Curator**Environmental Education Research Journal**Journal of Interpretation Research**Journal of Sustainable Tourism**Journal of Nano Education*

Member of Oregon Girls Collaborative Project's Leadership Team, 2013-2015

Member of Oregon Girls Collaborative Project's Champions Board, 2015

Advisor:

Teacher Advisory Panel for the National Gallery of Art, 1989-91

Ed. Advisor for the Montgomery County History Consortium, 1989-91

Advisory Panel for NASA/NSTA Space, Science & Technology Projects, 1989-91

Selection Committee for Maryland Exemplary Elementary Science Teachers, 1990, 1991

IBM Technology Project, Burroughs Middle School, Accokeek, MD, 1989-91

Selection Committee for 1992 National EDUCOM Higher Education Software Awards

AAM Committee on Audience Research & Evaluation Poster Session Co-Chair, 1992-1995
 Education Advisor, Astronomical Society of the Pacific, 2016-present

Proposal Reviewer: National Science Foundation, Teacher Enhancement Proposal Panel, October, 1986
 National Science Foundation, Teacher Preparation Proposal Panel, December, 1990
 National Science Foundation, Informal Science Proposals, April, 1992; September, 1993; April, 1994
 Department of Energy, Museum Programs, May, 1994
 Massachusetts Cultural Council, Science in the Community Panel, 1999
 Massachusetts Cultural Council, Science in the Community Panel, 2002
 Informal Science Strand, National Association for Research in Science Teaching, 1995-1999; 2001-2009
 Pre-Service Education Strand, National Association for Research in Science Teaching, 2007
 NOAA, K-12 Environmental Literacy Grants Panel, May, 2007
 NSF-Advancing Informal Science Learning Panel, March 2014

AWARDS

- 2016** NARST Distinguished Contributions to Science Education through Research Award for work focused on lifelong, out-of-school learning.
- 2013** Speaker in the National Science Foundation Education & Human Resources' distinguished lecture series which includes renowned scholars in educational research and development. Talk with John H. Falk entitled, "An ecological approach to understanding lifelong STEM learning: A story in two voices." April 11, 2013. Washington, DC.
- 2011** State Department Distinguished Speaker, participating as keynote speaker at the International Council on Museums (ICOM) Committee for Marketing and Public Relations Annual conference, September 17-20, Brno, Czech Republic and as speaker at U.S. Embassy in Prague's American Center, September 21st. Title of Prague talk: Sledování úspěšnosti muzejí jako nástroj pro získávání podpory (Being of value: Intentionally fostering & documenting the public value of museums).
- 2010** John Cotton Dana Award for Leadership by Education Committee of American Association of Museums. Highest honor bestowed only on occasion, recognizing those outside the museum field who exhibit outstanding leadership and promote the educational responsibility and capacity of museums.
- 2008** Book in which a chapter written by me was selected by The Math and Science Partnership Network as one of the ten most popular books, articles and papers from 2008 (Friedman, A.J., Ed., *Framework for Evaluating Impacts of Informal Science Education Projects*. Prepared for the National Science Foundation, Evaluation Activities Related to the Academic Competitiveness Council's Examination of STEM Education Programs, March 12, 2008.

- 2007** Choice Outstanding Academic Book of 2007 (Falk, J.H., Dierking, L.D., & Adams, M. (2006). Living in a learning society: Museums and free-choice learning. In: S.J. Macdonald (ed.) *Blackwell Companion to Museums*. London: Blackwell Publishing).

National Jury for President's Committee on Arts and the Humanities 2007-08. Coming up Taller Awards (annual awards presented for outstanding youth development projects).

- 2006** Named to the Centennial Honor Roll of the American Association of Museums as one of 100 leaders who has provided leadership and service to the field throughout their careers.

Doctoral Committees:

Major Advisor:

Jennifer Bachman. 2011. Dissertation Title: *STEM Learning Activity among Home Educating Families: A Sociocultural Perspective*. Doctor of Philosophy, Science Education, Oregon State University.

Scott A. Pattison. 2014. Dissertation Title: *Caregiver-child interactions that foster science interest before school*. Doctor of Philosophy. Science Education. Oregon State University.

Jennifer Wyld. 2015. Dissertation Title: *"Identity in the making" in an adolescent new media maker experience: The role of interest, figured worlds and authentic tools and practices*. Doctor of Philosophy. Science Education. Oregon State University.

Susan O'Brien. Expected graduation date, 2018. Doctor of Philosophy. Science Education. Oregon State University. Anticipated Dissertation Title: *Family Engagement in Live Animal Touch-Tank Activities: A Reflective Discourse Analysis of Family Meaning Making and Conservation Talk*.

Committee Member:

Anastasia Samaras. 1990. Dissertation Title: *Transitions to competence: An investigation of adult mediation in preschoolers' self-regulation with a computer-based problem-solving task*. Doctor of Philosophy, Curriculum & Instruction, University of Maryland, College Park.

Laura Barden. 1991. Dissertation Title: *The differential learning effects on high school students of low- and high-order questions embedded within videotaped science information*. Doctor of Philosophy, Curriculum & Instruction, University of Maryland, College Park.

Charles Gale. 1993. Dissertation Title: *The influence of microcomputer-based labs on children's conceptions of temperature and temperature change*. Doctor of Philosophy, Curriculum & Instruction, University of Maryland, College Park.

David Anderson. 1999. Dissertation Title: *The development of understandings of science concepts encountered during a visit to a science museum: The role of construction of*

knowledge. Doctor of Philosophy, Science Education, Queensland University of Technology, Brisbane, Australia.

Melissa Mercer. 2004. Dissertation Title: *Prospective teachers' conceptions of teaching and learning: Using free-choice learning environments to foster change*. Doctor of Philosophy, Psychology, University of Michigan, Ann Arbor.

Jessica Luke. 2009. Dissertation Title: *Reframing parent involvement: The role of a museum program in connecting parents and schools*. Doctor of Philosophy, Human Development, University of Maryland, College Park, MD.

Gabrielle H. Lyon. 2010. Dissertation Title: *Project Exploration's personalized curriculum: Fostering access and equity in science out-of-school*. Doctor of Philosophy, Curriculum Studies, University of Illinois at Chicago.

Lily Clara Fidzani. 2010. Dissertation Title: *Personalization of bedroom by adolescents: Creating a sense of place*. Doctor of Philosophy, Design and Human Environment. OSU.

Tobias Irish. 2012. Dissertation Title: *Argumentation and equity in inquiry-based science instruction: Reasoning patterns of teachers and students*. Doctor of Philosophy, Science Education, Oregon State University.

Melissa Stoller. 2013. Dissertation Title: *Heritage, archaeology and interpretation: An interpretive phenomenological approach*. Doctor of Philosophy. Design and Human Environment. Oregon State University.

Bill Brooks. 2014. Dissertation Title: *Technology to promote concept-based, active learning and enable education research*. Doctor of Philosophy, Engineering Education. Oregon State University.

Kris Elliott. 2014. Dissertation Title: *Examining the Latino experience in California agricultural education: A mixed methods multiple case study*. Doctor of Philosophy, Science Education. Oregon State University.

Krissi Hewitt. 2014. Dissertation Title: *Socioscientific issues-based laboratory curriculum: Creating motivating learning environments for university biology students*. Doctor of Philosophy, Science Education. Oregon State University.

Deborah L. Bailey. 2015. Dissertation Title: *An exploration of an out-of-school gardening program: A case study of adolescents' perceptions*. Doctor of Philosophy, Science Education. Oregon State University.

Lacey Strickler-Eppard. 2015. Dissertation Title: *A detailed analysis of family utilization of science activity packs*. Doctor of Philosophy, Science Education. University of Toledo.

Celeste Rae Barthel. Expected graduation date. 2018. Doctor of Philosophy, Science Education. Oregon State University.

Melissa Caldwell. Expected graduation date. 2018. Doctor of Philosophy. Design and Human Environment. Oregon State University.

Clara Cahill. Expected graduation date. 2018. Doctor of Philosophy, Science Education, Michigan State University. Dissertation Title: *Zydeco: Fostering Seamless Connections between the Classroom and the Museum.*

External Doctorate Reviewer:

Terry McClafferty. 2000. External Examiner. Dissertation Title: *Visitors' use and understanding of interactive exhibits and their learning of scientific concepts.* Doctor of Philosophy, Science Education. Curtin University of Technology, Perth, Western Australia.

Sally Thorhauge. 2014. External Examiner. Dissertation Title: *Interface learning: New goals for museum and upper secondary school collaboration.* Doctor of Philosophy, Aesthetics and Communication . Aarhus University, Aarhus, Denmark.

Daniel Loy Hui Siang. 2015. External Examiner. Dissertation Title: *The differential effects of two virtual science centre environments on scientific literacy among secondary school students.* Doctor of Philosophy, Science Education. Universiti sains Malaysia, Penang (University of Malaysia, Penang).

Master Committees:

Major Advisor:

Noreene M. Ignelzi. 2009. Project Title: *Investigating sociocultural processes within the context of place-based learning.* Master of Science in Science Education (Project Option). Oregon State University, Corvallis, OR

Scott Pattison, Master of Science in Science Education. 2011. Project Title: *Investigating the dynamics of staff-visitor interactions at a science center.* Oregon State University, Corvallis, OR.

Laila Robichaux. 2011. Thesis Title: *Gender identity and the visitor experience: Looking closely at aquarium visitors.* Master of Science in Science Education. Oregon State University, Corvallis, OR.

Destiny Rainney. 2011. Project Title: *The meteorological missions: An interactive guide into problem-solving and science as inquiry* Master of Science in Science Education. Oregon State University, Corvallis, OR.

Lindzy Bivings. 2012. Project Title: *Conservation education and behavior change in free-choice science institutions: What is our role?* Master of Science in Science Education. Oregon State University, Corvallis, OR.

Karl C. Clarke. 2012. Project Title: *Defining one's role in citizen science An investigation of the roles, perceptions and outcomes of citizen scientists and public engagement in science facilitators*. Master of Science in Science Education. Oregon State University, Corvallis, OR.

Ainsley M.B. Cotter. 2015. Project Title: *How do motivations and STEM education goals affect makerspace attendance?* Master of Science in Science Education. Oregon State University, Corvallis, OR.

Lena Hosking. 2015. Project Title: *Development and formative evaluation of a Science, Technology, Engineering, Art and Mathematics (STEAM) – focused field trip to an art and history museum*. Master of Science in Science Education. Oregon State University, Corvallis, OR.

Kara Baldwin. 2015. Project Title: *Teacher Motivations for Choosing Environmental Education Programming: A Case Study of the Urban Ecology Center, Milwaukee, Wisconsin*. Master of Science in Science Education. Oregon State University, Corvallis, OR.

Amber Inwood. Expected graduation date: 2018. Master of Science in Science Education. Oregon State University, Corvallis, OR.

Brian Levine. Expected graduation date: 2018. Master of Science in Science Education. Oregon State University, Corvallis, OR.

Tonya McDaniel. Expected graduation date: 2018. Master of Science in Science Education. Oregon State University, Corvallis, OR.

Nina Ridhibhinyo. Expected graduation date: 2018. Master of Science in Science Education. Oregon State University, Corvallis, OR.

Committee Member

Ann Novak. 1990. Thesis Title: *Environmental content and belief/value conceptual structures and their relationship in the generation of solutions to environmental problems*. Master of Education, Human Development, University of Maryland, College Park.

Susan Schulz. 1995. Thesis Title: *Investigating the concepts of area and perimeter in the context of an art museum*. Master of Education, Curriculum & Instruction, University of Maryland, College Park.

Heidi Schmoock. 2007. Master of Science in Environmental Sciences. Thesis Title: *Family learning in a free-choice bilingual marine science program: A Qualitative Investigation of Interactions and Long-Term Impacts among Mexican-Descent Families*. OSU, Corvallis, OR.

Sage Robertson. 2007. Project Title: *From methods course to student-teaching: Tracing the development of pre-service teachers' understanding of inquiry*. Master of Science in Science Education. Oregon State University, Corvallis, OR.

Gwenn Kubeck. 2008. Thesis Title: *Exploring stakeholders' attitudes and beliefs regarding behaviors that prevent the spread of invasive species: A focus group study*. Master of Science in Marine Resource Management.

J. Davis Harte. 2010. Thesis Title: *The impact of houseplants in a child development center on young children's directed attention*. Master of Science in Design and Human Environment.

Keelin Blaith Purcell. 2010. Thesis Title: *An analysis of adolescent involvement at public horticulture institutions*. Master of Science in Public Horticulture. University of Delaware.

Rippere, S. 2011. Project Title: *The relationship between personal norms, social norms and recycling behavior*. Master of Science in Science Education. Oregon State University, Corvallis, OR.

Mihalik, M.J. 2014. Project Title: *Environmental education in our National Parks: Impacts of field trips with the national parks club on students' futures*. Master of Science in Science Education. Oregon State University, Corvallis, OR.

External Master Reviewer:

Janeen Stanton. 1995. External Reviewer. Thesis Title: *Museum exhibitions: The development and application of a cyclic evaluation model*. Master of Education (Integrated Study), University of Melbourne, Australia.

AWARDS OF GRADUATE STUDENTS

Noreene M. Ignelzi. 2009. Joan Crebbin Memorial Scholarship, Hatfield Marine Science Center, Newport, OR: Up to \$3,000 for qualified undergraduate and graduate students, with preference to those involved in marine science public education programs as interns, and to students whose major study emphasis is marine biology, particularly mammals. Project Title: *Investigating sociocultural processes within the context of place-based learning*. Master of Science in Science Education (Project Option). Oregon State University, Corvallis, OR

Susan O'Brien. 2014. Holt Marine Education Award, Hatfield Marine Science Center, Newport, OR: Up to \$6,000 to support an undergraduate or graduate student project with outcomes benefiting marine education. Expected graduation date, 2015. Anticipated Dissertation Title: *Family Engagement in Live Animal Touch-Tank Activities: A Reflective Discourse Analysis of Family Meaning Making and Conservation Talk*.

KEYNOTE ADDRESSES

Dierking, L.D. Understanding the Museum Experience. Keynote presentation for Museo da Vita, September 16, 1996, Rio de Janeiro, Brazil.

Dierking, L.D & J.H. Falk. How People Learn in Museums. Keynote presentation, Japan Museum Education Conference, March 8, 1997, Lake Biwa Museum, Shiga Prefecture, Japan.

- Dierking, L.D. & J.H. Falk. Facilitating the Family Museum Experience. Keynote address for Groups for Education in Museums. June 17, 1997, Natural History Museum, London, U.K.
- Dierking, L.D. Invited keynote speaker at Massachusetts Cultural Council's Science in the Community Workshop, May 22, 2000, Wellesley, MA.
- Dierking, L.D. Free-Choice Learning in the 21st Century: The Role of Museums. Keynote at 1st Annual Taiwan Museum Educator's Conference, Puli, Taiwan. October 23, 2000.
- Dierking, L.D. Learning from Museums: Visitor Experiences and the Making of Meaning Keynote address at the Museums Australia Conference, Canberra, Australia, April 2001.
- Dierking, L.D. Using Museums for Free-Choice Learning: Visitor Experiences and the Making of Meaning. Keynote address at the 1st Annual Japanese Museum Education Conference, Osaka, Japan, January 20, 2002.
- Dierking, L.D. Maritime Museums: Rich Resources for Free-Choice Learning. Keynote for the Council of American Maritime Museums. September 25, 2003.
- Dierking, L.D. Museums: Rich Resources for Family Learning. Keynote for the Annual Meeting of the Museum Educators of Southern California. May 23, 2004.
- Dierking, L.D. & J.H. Falk. Science Learning across Lifespan: Connecting School and Free-Choice Learning. Keynote at Schools for Tomorrow Symposium. Athens, Greece. Nov.15, 2004.
- Dierking, L.D. Free-Choice Learning & Libraries. Keynote to Delaware State Library Association. June 9, 2005.
- Dierking, L.D. Lessons without Limit: Astronomy Learning across the Lifespan. Keynote at the Annual Meeting of the Astronomical Society of the Pacific. Tucson, AZ, September 15, 2005.
- Dierking, L.D. Nurturing cultural diversity in cultural organizations: What the data says. Keynote address at U.K. Economic and Social Research Council (ESRC)-supported seminar "'Questions of Access': Research and Practice." Newcastle University's International Centre for Cultural & Heritage Studies. Newcastle, U.K. January 16-18th, 2007.
- Dierking, L.D. Fostering tomorrow's learning society. Keynote address, International Symposium on Advanced Technologies in Education. Athens, Greece. January 25-27th, 2007.
- Dierking, L.D. (2007). Nurturing cultural diversity as a means of thriving in the knowledge age: Some examples. Keynote address with J.H. Falk at the annual meeting of the British Museum's Association. Glasgow, Scotland. October 20-22nd, 2007.

- Falk, J.H. & Dierking, L.D. "Science learning for life: Children & free-choice learning" Keynote address at the *Toward a New Society, the School, the Museum and the City as Places of a New Culture of Childhood* Conference. Monterrey, Mexico. April 25-27th, 2008.
- Falk, J.H. & Dierking, L.D. Science & Technology Learning. Keynote presentation at *National Congress on Social Commitment to Quality of Education*. Mexico City, Mexico. November 26th, 2008.
- Dierking, L.D. "Learning for Life: Families, Adults & Children in Free-Choice Learning Settings." Keynote address at the *Symposium on Education: The Contribution of Museums to Society*, San Juan, Puerto Rico. May 13-14, 2009.
- Falk, J.H. & Dierking, L.D. Tourism: The emerging role of identity & free-choice learning. J. Whyte Visiting Honorary Professorship Keynote Presentation. University of Queensland, Brisbane, Australia. May 6th, 2010.
- Dierking, L.D. Being of value: Intentionally fostering and documenting the public value in museums. J. Whyte Visiting Honorary Professorship Research Forum Keynote Presentation. University of Queensland, Brisbane, Australia. May 7th, 2010.
- Dierking, L.D. Family Learning Laughing & Learning*. Keynote Presentation at USS Constitution Museum's One size fits all? Institute for Museum & Library Services' national leadership workshop. November 15th, 2010.
- Dierking, L.D. Being of value: Reframing the goals of science centres and museums. Keynote Presentation. Asia Pacific Network of Science & Technology Centres (ASPAC). Guangdong Science Center in Guangzhou, China, 17-21 May 2011.
- Dierking, L.D. Understanding the future by looking backwards: The long-term impact of free-choice STEM experiences for young girls. Keynote presentation at Korean Elementary Science Education Conference. August 17, 2012, Seoul, Korea.
- Dierking, L.D. The museum experience revisited: The socio-cultural context. Keynote presentation as part of the *21st Century Museum Issues Lecture Series*. Jordan Schnitzer Museum of Art, University of Oregon, Eugene, OR. February 26, 2013.
- Dierking, L.D. Learning science in informal environments: It matters! Keynote presentation at Informal Science Education Association Conference. Port Aransas, TX. March 5, 2013.
- Falk, J. H. & Dierking, L.D. An ecological approach to understanding lifelong STEM learning: A story in two voices. Keynote presentation for the National Science Foundation Education & Human Resources' Distinguished Lecture Series. Washington, DC. April 11, 2013.

Falk, J.H. & Dierking, L.D. *SYNERGIES: Understanding and connecting science learning in the community*. Keynote presentation at the Forum on Scientific Literacy. Kaoshiung, Taiwan November 27, 2013.

Dierking, L.D. *SYNERGIES Case study research: Developing deep understandings of youths' STEM learning pathways*. Keynote at Science Communication Forum. Taipei, Taiwan, 2013.

Dierking, L.D. *Museums, families & communities: Being of value*. Keynote at *The Family as Context for Learning in Museums* workshop, the 4th session of the Institute for Museum & Library Services (IMLS)-funded *Laboratory for New Audiences*. Cool Culture. February 3, 2014.

Oregon Girls Collaborative Partnership (OGCP) Kick-Off Conference. Keynote Presentation *Cascading influences: Long-term impacts of informal STEM programs for girls*. Oregon Child Development Coalition. Wilsonville, OR, Salem, OR. September 15, 2014.

Dierking, L.D. *Museums, families & communities: Being of value*. Keynote at the Workshop, Engage Families: Developing and Facilitating Intergenerational Programs in Museums and Libraries. USS Constitution Museum, Boston, MA. March 25, 2015

Dierking, L.D. *CASCADING influences: Long-Term impacts of girls-only informal STEM experiences*. Keynote for the Korean Association of Science Education. Bhusan, South Korea. February 5, 2015.

Dierking, L.D. *SYNERGIES: Understanding and fostering youth STEM interest and participation* Keynote at a Seminar on Science, Technology, Engineering, Mathematics (STEM) Education for 21st Century skills. Penang, Malaysia, May 14, 2015.

INVITED PRESENTATIONS, WORKSHOPS & INVITATIONAL CONFERENCES

Dierking, L.D. *Applications of Learning Theory to Museum Education Programs for Middle School and High School Students*. Invited presentation for educational staff at the National Gallery of Art, Washington, D.C., January 12, 1990.

Dierking, L.D. *Family and Adult Learning in Informal Settings*. Invited presentation for the Cooperstown Museum Studies Graduate Program, Cooperstown, New York. February 2, 1990.

Dierking, L.D. *Learning Theory: An Overview and Applications for Museum Professionals*. Invited presentation for the Cooperstown Museum Studies Graduate Program, Cooperstown, New York. February 2, 1990.

Applications of Learning Theory to Art Museum Education Programs. Workshop for educational staff at the Bailly Art Gallery, University of Virginia, Charlottesville, VA, January 3, 1990.

Dierking, L.D. *Historical View of Learning*. Invited presentation for the Smithsonian Office of Museum Programs course, Audience in Exhibition Development. February 28, 1991.

- Dierking, L.D. Contemporary Theories of Learning. Invited presentation for the Smithsonian Office of Museum Programs course, Audience in Exhibition Development. March 7, 1991.
- Dierking, L.D. A Model Collaborative Program: New Partners. Invited Presentation at "Museums as Educational Institutions," Institute of Museum Services National Museum Services Board meeting, President's Committee on the Arts and Humanities Room, Old Post Office Pavilion, Washington, D.C. November 14th, 1991.
- Dierking, L.D. The Visitor Experience. Invited presentation for staff and interpreters at Colonial Williamsburg, Williamsburg, VA. November 22, 1991.
- Dierking, L.D. Evaluating Museum Experiences. Invited presentation at the Invitational Museum Visitor Studies in the 90s Conference, London, England. September 21-22, 1993.
- Dierking, L.D. Public Institutions for Personal Learning: A Discussion of Current Learning Theories Relevant to Museums. Invited presentation at the Belfast Colloquia, "Developing Learning Research in the Museums Sector," Belfast, N. Ireland. June 12, 1995.
- Dierking, L.D. & J.H. Falk. A Case for Conducting Long-Term Learning Research in Museums. Invited Presentation to Institute of Education, University of London, U.K. June 14, 1995.
- Dierking, L.D. How Visitors Learn: Who Comes to Museums, What Do They Do There and What Do They Learn. Invited presentation for an Egyptian Museum Management Training Program sponsored by American Association of Museums, July 24, 1995, College Park, MD.
- Dierking, L.D. What Difference Do Learning Theories Make? Where Do Different Theories Lead? Invited Presentation at Learning in Museums, November 16-18, 1995. Chicago, IL.
- Dierking, L.D. What Do We Know About Learning in Museums So Far? A Survey of Families. Invited presentation at Learning in Museums, November 16-18, 1995. Chicago, IL.
- J.H. Falk & Dierking, L.D. Making Memories: In Search of Better Ways to Facilitate Museum Learning. Invited presentation for the Leicester University Museum Studies Program. Leicester University, Leicester, U.K. June 19, 1997.
- J.H. Falk & Dierking, L.D. How People Learn When They Don't Have To. Invited presentation for the Science Museum. The Science Museum, London, U.K. June 20, 1997.
- Dierking, L.D. Questioning Assumptions: An Introduction to Front-End Evaluation in Museums. Workshop offered at annual meeting of the Association of Science-Technology Centers. Fall, 1997, St. Louis, MO.
- Dierking, L.D. Learning in Museums Workshop. Workshop offered for Canadian museum educators. October 16, 1998, Olympic Hall of Fame & Museum, Calgary, Alberta, Canada.

- Thinking Evaluatively. Evaluation workshop conducted for the *Raising Our Sites* project, February 26, 1999.
- Participated as faculty in the Institute learning workshop, "Applying Educational Theory & Techniques," March 5 & 6, 1999. Baltimore Museum of Art.
- Participated as faculty in the Institute learning workshop, Developing Innovative Programs & Materials. October 22-23, 1999. St. Louis, MO.
- Conducted a workshop on front-end evaluation at the Nordic Science Centers Association meeting at Lusto, the Finnish Forest Museum, Punkaharju, Finland, September 11-12, 1999.
- Conducted an Institute for Learning Innovation workshop with John Falk, "Developing & Evaluating Innovative Free-Choice Learning Programs & Materials," in San Jose, Costa Rica, sponsored by Museo de Oro Precolombino, Omar Dengo Foundation & American Embassy. 1999.
- Dierking, L.D. & J.H. Falk. Learning in museums, Public lecture at University of Michigan, Ann Arbor. March 10, 1999.
- Dierking, L.D. Participated in an invitational NSF conference under the Transition from Childhood to the Workforce initiative, about Early Childhood in the Year 2020, sponsored by Education Equity Concepts and New York Academy of Science, New York City, June 15-16, 1999.
- Dierking, L.D. Participated in an invitational NSF conference under the Transition from Childhood to the Workforce initiative, about Technology Education, sponsored by the Miami Museum of Science, November 5-6, 1999, Key Biscayne, FL.
- Dierking, L.D. Invitational meeting to plan a conference focused on sociocultural learning. St. Louis, MO. December 3, 1999.
- Dierking, L.D. & Falk, J.H. Learning from Museums: Visitor Experience and the Making of Meaning. Invited presentation. Panteion University, Athens, Greece, December 20, 1999.
- Dierking, L.D. Learning from Museums. Presentation at an invitational NSF conference under the Transition from Childhood to the Workforce initiative about children's object-based learning, sponsored by University of Michigan and the Ann Arbor Hands-On Museum, Ann Arbor, MI. January 21-22, 2000.
- Organized & hosted a joint American Educational Research Association-National Association for Research on Science Teaching workshop, Links between formal and informal education settings and learning outcomes at the National Association for Research on Science Teaching's annual conference, New Orleans, LA, April 27-May 1, 2000.

Participated as faculty in the Institute learning workshop, Developing Innovative Programs & materials. June 2-3, 2000. Los Angeles, CA.

Participated as faculty in the Institute learning workshop, Evaluating Innovative Programs & Materials. June 5-6, 2000. Los Angeles, CA.

Dierking, L.D. Invited presentation on Free-Choice Learning and Activities at the Institute for Learning Innovation. University of Technology, Sydney, Australia, August 18, 2000.

Conducted two workshops, Exploring Learning from Museums & Conducting Effective Evaluation, at the Upstate History Alliance Educators Institute, September 13, 2000, at Great Camp Sagamore in Raquette Lake, New York.

Conducted a pre-conference workshop, "Finding out About What We Do: Practical Evaluation Tools for Program Implementers," at Association of Science-Technology Centers annual meeting, October 13, 2000. Cleveland, OH.

Conducted workshop with J.H. Falk for South West Council of Museums' Museum Learning Initiative. People, learning and museums. November 2, 2000. Fleet Air Arm Museum, U.K.

Dierking, L.D. & J.H. Falk. Learning from Museums. Invited presentation at Explore @ Bristol. Bristol, U.K. November 3, 2000.

Dierking, L.D. Facilitating and Documenting Family Learning in the 21st Century, Invited presentation at the Annual Conference of American Associations of Museums, May, 2001.

Dierking, L.D. Family Learning In and From Museums. Invited workshop. May 7, 2002. McNay Art Museum. San Antonio, TX

Dierking, L.D. Lessons without Limit: How Free-Choice Learning is Transforming Science & Technology Education in a Changing World. Invited Presentation at International Organization for Science and Technology Education Conference, Iguaussu Falls, Brazil, August 1, 2002.

Dierking, L.D. Free-Choice Learning & Families. Invited Presentation at 4th World Congress for Science Centres, Rio de Janeiro April 11, 2005.

Dierking, L.D. Building the Scientific Mind Colloquium. Invitational Meeting at the Institute of Social Studies (ISS). The Hague. The Netherlands. May 17-20th, 2005.

Dierking, L.D. Families & Free-Choice Learning. Invited workshop. June 14, 2005. USS Constitution Museum, Boston, MA.

- Conducted a workshop with John Falk, "Baby Boomers, Libraries and Free-Choice Learning," at a COSLINE Continuing Education Workshop, October 26, 2005. Warren Conference Center, Ashland, MA.
- Dierking, L.D. Focusing on Family Learning: Exhibits to Engage ALL of Your Audience." Invited panel presentation at annual meeting of New England Museum's Association, Nov. 16th, 2005.
- Dierking, L.D. Where's the field?: Conceptualizing & investigating lifelong, life-wide STEM learning. Invited presentation at the Learning Science in Informal Environments Committee's Inaugural meeting. National Research Council, Washington, D. C. June 5th, 2006.
- Dierking, L.D. Research Agenda in Science Education (RAISE) invitational conference hosted by the National Science Teachers Association & the National Research Council, Washington, D. C. June 5th-June 7th, 2006.
- Dierking, L.D. If you don't know where you're going, any road will get you there. Invited remarks and facilitation at the National Park Service Interpretation & Education Evaluation Summit, University of Denver, Denver, CO. October 25-26, 2006.
- Dierking, L.D. Incorporating family learning principles into school field trips. Invited remarks at, and facilitation of a Dana Foundation-funded Symposium. Museum of Modern Art. New York, NY. February 20th, 2007.
- Dierking, LD. What constitutes evidence for science learning in informal/free-choice environments? Invited remarks at, and facilitation at a NSF Informal Science Education Division Evaluation Workshop. Reston, VA. March 12-13th, 2007.
- Dierking, L.D. with M. Storksdieck. Learning Science in Informal Environments (LSIE) Commissioned Paper: Evaluation of LSIE Efforts. Invited presentation at the Learning Science in Informal Environments Committee meeting. National Research Council, Washington, D. C. May 1st, 2007.
- Dierking, L.D. Discussant and Presenter at Invitational Coalition for After School Science's Initiative examining the potential for after-school programs to provide early support for advanced science coursework. 21st Century Community Learning Centers conference in July 2007 to discuss next steps on this topic. Miami, FL, July 15-16, 2007.
- Dierking, LD. Facilitating family learning. Invited presentation and review of family learning programs. Denver Museum of Art. July 28-29th, 2007. Denver, CO.
- Dierking, L.D. (2007). Nurturing Cultural Diversity in Museums. Invited workshop at the annual meeting of the British Museum's Association. October 20-22nd, 2007. Glasgow, Scotland.

- Dierking, L.D. (2007). Instrumental museum and gallery policy: Issues and opportunities. Invited presentation at a workshop funded by the U.K. Arts and Humanities Research Council and organized by the International Centre for Cultural and Heritage Studies, Newcastle University. Glasgow, Scotland. October 24th, 2007.
- Dierking, L.D. Remarks at the Invitational Meeting “Knowledge and Social Learning for Societal Change and Sustainability” at the Conference on the Human Dimensions of Global Environmental Change, Berlin, Germany. February 18-20th, 2008.
- Dierking, L.D. Presentation of *Access Algebra* Literature Review. March 9th, 2008. *Access Algebra* Advisory Workshop, OMSI, Portland, OR.
- Dierking, L.D. Putting the evaluation framework into practice. Invited presentation at the NSF- Informal Science Education PI Meeting. July 26th, 2008.
- Dierking, L.D. Attended the invitational *National Conference on Science & Technology in Out-of-School Time*, Chicago, Illinois. September 18th, 2008.
- Conducted a workshop with J.H. Falk for the Bogotá Science Center & Museum community. Free-Choice Learning & the Contextual Model of Learning. January 21-23rd, 2009. Maloka Science Center, Bogotá, Colombia.
- Conducted a workshop with J.H. Falk for the Medellín Science Center & Museum community. Free-Choice Learning & the Contextual Model of Learning. January 28-30th, 2009. Maloka Science Center, Bogotá, Colombia.
- Randol, S., Dierking, L.D. Crowley, K. & Baek, J. Exploring the ISE landscape and determining value in informal science contexts. Invited Center for the Advancement of Informal Science Education (CAISE) Symposium at the annual meeting of NARST, April 17-21, 2009. Garden Grove, CA.
- Dierking, L.D. Panel Member. Center for the Advancement of Informal Science (CAISE). Invitational Learning Inquiry Group Gathering. Pittsburgh, PA, January 12-13th, 2010.
- Dierking, L.D. Mind changes: Can out-of-school learning contribute to evolution literacy? Invited discussant. AAAS annual meeting. February 19, 2010.
- Dierking, L.D. Intersections of science education research and practice and issues of access, equity, and culture. Invited discussant for session at annual meeting, National Association of Research in Science Teaching. March 20-24th, 2010. Philadelphia, PA.
- Dierking, L.D. Panel Member. Invitational NSF Innovative Technology Experiences for Students and Teachers (ITEST) convening event: Defining an afterschool research agenda. St. Paul, Minnesota. June 9-10th, 2010.

- Dierking, L.D. Panel Member. National Institutes of Health (NIH) Behavioral and Social Sciences in STEM Education invitational meeting. July 13th, 2010.
- Dierking, L.D. Panel Member. National Institutes of Health (NIH) Behavioral and Social Sciences in STEM Education invitational meeting. July 13th, 2010.
- Dierking, L.D. Presenter. Facilitator Training for the *Access Algebra* project. Oregon Museum of Science & Industry (OMSI). Portland, OR. October 11th, 2010.
- Dierking, L.D. Designing girl-friendly learning environments: What the research says. Presentation at Invitational National Girls RISEnet meeting. October 20-24th. 2010. Washington, D.C.
- Dierking, L.D. Invited Panel member. Ohio Historical Society's Collections Learning Center. November 5th, 2010. Columbus, OH.
- Dierking, L.D & J. H. Falk: Science learning for life: Understanding and connecting STEM learning in the community. Invited presentation at Seoul National University, Korea, August 16, 2012.
- Dierking, L.D. Analysing the UK science education community: The contribution of informal providers. Invited presentation at a seminar on Informal Science Learning hosted by the Wellcome Foundation and the George & Betty Moore Foundation. October 9, 2012. London.
- Dierking, L.D. Invited Panel Member with Dr. Nancy Stueber, Oregon Museum of Science & Industry; Dr. Jeri Janowsky, Saturday Academy & Ms. Deb Mumm-Hill, Oregon FIRST, members of the Governor's STEM Task Force. Out-of-School-Time STEM. Presentation to the Oregon Governor's STEM Task Force. Salem, OR, October 26, 2012.
- Dierking, L.D. SYNERGIES: Engaged scholarship in action. Invited presentation at 2012 University Outreach and Engagement Strategic Conference, October 30, 2012. Corvallis.
- With Falk, J.H & Osborne, J.F. Modeling the system that supports science learning in the UK. Invited presentation at Final Stakeholder meeting for Informal Science Learning hosted by the Wellcome Foundation. December 4, 2012. London, U.K.
- Dierking, L.D. Oregon Museum of Science & Industry (OMSI) Invited Speaker. Board Visioning & Strategic Planning: How can OMSI contribute to healthy, sustainable communities and a thriving science and technology sector in Oregon in 20 years? Launch. *Free-choice learning as a key component of a thriving, healthy community*. OMSI, Portland, OR. November 7, 2013.
- Falk, J.H. Dierking, L.D. & Staus, N. Measuring STEM-related interest and engagement. At an invitational meeting sponsored by the National Science Foundation (NSF), Center for the Advancement of Informal Science Education (CAISE), Gordon and Betty Moore, Noyce and Bechtel Foundations. Palo Alto, CA, December 9-10th 2013.

- Dierking, L.D. *SYNERGIES Case study research: Developing deep understandings of youths' STEM learning pathways*. Invited paper presented at International Symposium in Science Education, "Bringing Together Research in Science Learning in Formal and Informal Settings for Future Society, Seoul National University, South Korea. Dec. 17-18, 2013.
- Dierking, L.D. Supporting Inquiry-Based Learning and the Science Conceptual Framework for K-12 Science Education & Next Generation Science Standards (NGSS): What is it? Why is it important? How is it different from what you already do? Invited virtual presentation for educators at the Texas State Aquarium. March 24, 2014.
- Dierking, L.D. *SYNERGIES: Understanding & Connecting STEM Learning Ecosystems in the Community*. Presentation at the National Research Council Invitational Workshop on Successful Out-of-School STEM Learning. National Academy of Sciences, Washington, DC. June 3-4, 2014.
- Dierking, L.D. STEM Learning in Libraries: Possible roles for libraries in supporting the STEM learning of at-risk youth. Speaker at Invitational IMLS-hosted Convening on STEM Learning in Libraries. Chicago Public Library June 5th, 2014.
- Falk, J.H., Dierking, L.D., Staus, N., Harding, T. and Bailey, D.L. (with two community partners, Stacey Sowders, Portland METRO Outreach Coordinator, OSU Extension 4-H Development & Karin Malbrough, Program Director, Girls Inc. of the Pacific Northwest). *SYNERGIES: Understanding & Connecting STEM Learning Ecosystems in the Community*. Invitational pre-conference workshop on Research Practice Partnerships at the International Conference on the Learning Sciences, Boulder, CO. June 23-24th, 2014.
- Dierking, L.D. & Calabrese Barton, A. Wellcome Trust-funded Science Learning+ *Youth access & equity in ISL: Developing a research and practice agenda* Everyday Science workshop. February 27, 2015. KQED Headquarters, San Francisco, CA.
- Dierking, L.D. & Calabrese Barton, A. Wellcome Trust-funded Science Learning+ *Youth access & equity in ISL: Developing a research and practice agenda* Community learning workshop. February 28, 2015. KQED Headquarters, San Francisco, CA.
- Dierking, L.D. & Calabrese Barton, A. Wellcome Trust-funded Science Learning+ *Youth access & equity in ISL: Developing a research and practice agenda* Designed Spaces workshop. March 27, 2015. American Museum of Natural History. New York City.
- Dierking, L.D. Empowering museum educators to evaluate. Moderator of a Virtual Book Club Discussion, hosted by the Museum Education Roundtable and American Alliance of Museum's EdCom. April 16, 2015.
- Dierking, L.D. *Free-Choice learning and rural libraries*. Invited presentation at the annual meeting of the Oregon Library Association. Eugene, OR. April 16, 2015.
- Dierking, L.D. *New models for STEM learning & education: Taking a community-wide, ecological approach*. Workshop at a Seminar on Science, Technology, Engineering, Mathematics

(STEM) Education for 21st Century skills. Penang, Malaysia, May 14, 2015.

Dierking, L.D. *Forum, dialogue and summary*. Closing remarks at a Seminar on Science, Technology, Engineering, Mathematics (STEM) Education for 21st Century skills. Penang, Malaysia, May 15, 2015.

Archer, L., Dawson, E., Seakins, A. Calabrese Barton, A. & Dierking, L.D. Wellcome Trust-funded Science Learning+ *Youth access & equity in ISL: Developing a research and practice agenda* US-UK workshop. July 15-16, 2015. London Zoo.

PRESENTATIONS

Kisiel, J., Silver, L. Dierking, L.D. & McComas, W. Investigating the Public Understanding of Evolution by Natural Selection: Science Knowledge within the Natural History Museum. Panel presentation at the National Association for Research in Science Teaching. San Francisco, CA. April, 2006.

Dierking, L.D., Kaul, V. & Stein, J.K. Living with the dinosaurs: A follow-up study of family learning through complementary exhibition and programming experiences offered at a children's museum. Presentation at the National Association for Research in Science Teaching. San Francisco, CA. April, 2006.

Dierking, L.D. *The power of family learning*. Panel presentation at the American Association of Museums. Boston, MA. May, 2006.

Dierking, L.D. Impacts of informal science experiences on girls: First year results and tools. Association of Science-Technology Centers meeting. Louisville, KY. October 27-30th, 2006.

Dierking, L.D. *Museums as catalysts for family learning*. Presentation at American Association of Museums meeting. Boston, MA. April 27-May 1, 2007.

Dierking, L.D. *Bridging family learning research and museum practice*. Presentation at Visitor Studies Association meeting. Ottawa, Canada. July 18-20th, 2007.

Dierking, L.D. & McCreedy, D. *Long-Term impacts of free-choice STEM experiences on girls' interest, engagement, and participation in science communities, hobbies & careers: Results of Phase 1*. Presentation at the NARST annual meeting. March 30th, 2008. Baltimore, MD.

Dierking, L.D., Chan, S., Kubeck, G. & Cone, J. Silent invasion: Investigating Oregonians' self-reported awareness, understanding and behaviors toward invasive species. Poster at the annual meeting of NARST, April 17-21, 2009. Garden Grove, CA.

Dierking, L.D. *Examining learning in exhibitions*. Presider for a paper set at the annual meeting of NARST, April 17-21, 2009. Garden Grove, CA.

Dierking, L.D. *2020 Vision: The next generation of STEM learning research*. Presentation at NSF-REESE PI Summit. March 11-12th, 2010. Reston, VA.

- Dierking, L.D. & Dale McCreedy. Investigating informal science education on a large scale: Long-Term impacts of free-choice science, technology, engineering & mathematics (STEM) experiences for girls. Presentation at annual meeting, National Association of Research in Science Teaching. March 20-24th, 2010. Philadelphia, PA.
- Dierking, L.D. Investigating social mediation and facilitation across settings, groups, configurations, and time. Presentation at annual meeting, National Association of Research in Science Teaching. March 20-24th, 2010. Philadelphia, PA.
- Dierking, L.D. What Research and Practice Say About The Impacts of Out-of-School-Time STEM Experiences. Presentation at the *National Conference on Science & Technology in Out-of-School Time*, September 24th, 2010, Los Angeles, CA.
- Dierking, L.D. Are we there yet?...and what is there anyway? Presentation at annual meeting of the Association of Science-Technology Centers. October 3rd 2010. Honolulu, HI.
- Dierking, L.D. Authentic Engagement: Oregon State University's (OSU) Community Engagement and Learning Initiative. Presentation at the National Outreach & Engagement Scholarship Conference, October 6th, 2010. Raleigh, NC.
- Dierking, L.D. Inside-Out/Outside-In View. Established and emerging educational leaders: A roundtable of ideas for the next generation. Western Museum Association. October 19th, 2010.
- Dierking, L.D., McCreedy, D., Luke, J. & Hershorin, K. *The impacts of informal science on girls' interest, engagement, & participation in science communities, hobbies & careers.* Presentation at the annual meeting of NARST, March 25-March 28, 2012. Indianapolis, Indiana.
- With J.H. Falk, N. L. Staus & W. Penuel, *Viewing STEM learning through a community-wide lens: The Synergies project.* Poster at the annual meeting of NARST, April 6-9, 2013. Río Grande, Puerto Rico.
- Dierking, L.D. SYNERGIES: *Understanding and connecting STEM learning in the community.* Presentation as part of the Developmental research outside the lab: Children's STEM learning in museums Symposium at the annual meeting of the Society for Research in Child Development. April 19, 2013. Seattle, WA.
- Staus, N., & Dierking L.D. *Declining STEM interest in adolescents: A longitudinal research approach.* Presentation at the NARST— an international organization improving science teaching and learning through research—annual meeting, Pittsburgh, PA, March 30-April 2nd, 2014.
- Dierking, L.D. *SYNERGIES: Understanding & connecting stem learning ecosystems in the community.* Part of a paper set entitled "How learning ecosystems support "falling for

science,” at the NARST—an international organization improving science teaching and learning through research—annual meeting, Pittsburgh, PA, March 30-April 2nd, 2014.

McCreedy, D. & Dierking, L.D. *Cascading influences: Long-Term impacts of informal STEM experiences for girls*. Presentation at the American Educational Research Association (AERA) annual meeting in Philadelphia, PA, April 3-5th, 2014.

Dierking, L.D. *Measuring children’s STEM interest development longitudinally*. Poster in a structured poster session at the American Educational Research Association (AERA) annual meeting in Philadelphia, PA, April 3-5th, 2014.

Dierking, L.D. & Staus, N. *SYNERGIES: Documenting early adolescent youth’s long-term STEM interest & participation pathways*. Part of a paper set on the role of informal experiences in supporting STEM interest at the annual meeting of NARST—an international organization improving science teaching and learning through research. Chicago, IL. April 14, 2015.

Penuel, W.R., Harrison, J.F., Falk, J. H., Hendrey, M., Staus, N. & Dierking, L.D. *Using agent-based modeling to gain insight into interest development*. Part of a paper set at the American Educational Research Association (AERA) annual meeting in Chicago, IL. April 16-20, 2015.

PUBLICATIONS

Articles

Koran, J.J., Jr. & L. D. Dierking-Shafer (1981). Learning science in informal settings. Invited paper in M.B. Rowe (Ed.) *Science in the 80's*. Washington, D.C.: National Education Association.

Koran, J.J., Jr., Longino, S.J. & Dierking-Shafer, L.D. (1983). A framework for conceptualizing research in natural history museums and science centers. *Journal of Research in Science Teaching*, 20(4): 325-339.

Koran, J.J., Jr., Lehman, J.R., Dierking-Shafer, L.D. & Koran, M.L. (1983). The relative effects of the pre- and post-attention directing devices on learning from a "walk through" museum exhibit. *Journal of Research in Science Teaching*, 20(4): 341-346.

Dierking, L.D., Koran, J.J., Jr., Lehman, J.R., Koran, M.L. & Munyer, E.A. (1984). The relative effects of recessing as an attention-directing device in a museum exhibit. *Curator*, 26:238-248.

Falk, J.H., Koran, J.J., Jr., Dierking, L.D. & Dreblow, L. (1985). Predicting visitor behavior. *Curator*, 28:249-257.

Dierking, L.D. & Falk, J.H. (1985). A community-based model for educational innovation. In Blair, D.J. (Ed.) *Proceedings of the 3rd International Conference on the Nature and Teaching of Environmental Studies and Sciences in Higher Education*, 3:120-125. United Kingdom: Institute of Environmental Studies.

- Falk, J.H., Koran, J.J., Jr. & Dierking, L.D. (1986). The things of science. *Science Education*, 70: 503-508.
- Falk, J.H. & Dierking, L.D. (Ed.) Museum education research: Future directions. *Journal of Museum Education*, Winter, 1986.
- Dierking, L.D., Shay, W. & Turino, K. (Eds.) Southern byways: Southern museums in transition. *Journal of Museum Education*, Fall, 1986.
- Falk, J.H. & Dierking, L.D. (1988). Community learning exchange: A model program for the utilization of community resources. In *Proceedings of the 4th International Symposium on World Trends in Science and Technology Education*, 1: 116-121. Kiel, Germany: Institute for Pedagogical Science.
- Koran, J.J., Jr., Koran, M.L., Dierking, L.D. & Foster, J. (1988). Using modeling to direct attention. *Curator*, 31 (1):36-42.
- Naqvi, A., B. Venugopal, J. Falk and L. Dierking (1991) Analysis of Family Visitors in Natural History Museums: New Delhi National Museum of Natural History. *Curator* 34(1):51-57.
- Dierking, L.D. (1991). An overview of learning and learning styles. *Journal of Museum Education*, Winter, 1991.
- J.H. Falk and Dierking, L.D. (1991). The effect of visitation frequency on long-term recollections. In Bitgood (Ed.) *Proceedings of the 1990 Annual Visitor Studies Conference*, Washington, D.C. Center for Social Design, Jacksonville, Alabama.
- Dierking, L.D. and J.H. Falk (1992). Redefining the museum experience: The interactive experience model. Bitgood & Benefield (Ed.) *Proceedings of the 1991 Annual Visitor Studies Conference*, Ottawa, Canada. Center for Social Design, Jacksonville, Alabama.
- Dierking, L.D. & Falk, J.H. (1994). Family behavior and learning in informal science settings: A review of the research, *Science Education*, 78(1):57-72. 1994.
- Dierking, L.D. (1994). Role de l'interaction sociale dans l'experience museale. Invited paper for special issue on social interaction in museums and interpretive centres. *Publics et Musees*, 5, 19-41.
- Dierking, L.D. & Holland, D.G. (1994). Utilizing interpretive carts to collect naturalistic data in a natural history museum. (AAM Committee on Audience Research & Evaluation). *Current Trends*, 8, 38-43.
- Dierking, L.D. & J. Richter. (1995). Project ASTRO: Astronomers and teachers as partners. *Science Scope*, 18(6): 5-9.

- Falk, J.H. and L.D. Dierking. (1995). Recalling the museum experience. *Journal of Museum Education* 20(2): 10-13.
- Falk, J.H. and L.D. Dierking. (1996). Recollections of elementary school field trips. In: D. Herrmann & M. Johnson (Eds.) *The Third Practical Aspects of Memory Conference*. University of Maryland: College Park.
- Falk, J.H., & Dierking, L.D. (1997). The role of physical context in museum learning. *Journal of Education in Museums*, 18, 12-14.
- Falk, J.H., & Dierking, L.D. (1997). School field trips: Assessing their long-term impact. *Curator*, 40(3), 211-218.
- Falk, J.H. & Dierking, L.D. (1998). Free-Choice learning: An alternative term to informal learning? *Informal Learning Environments Research Newsletter*. May/June 1998 Washington, DC: American Educational Research Association.
- Schatz, D. & L.D. Dierking. (1998). Systemic change in science education reform: Pacific Science Center. *Journal of Museum Education*, 23(2): 22-24.
- Dierking, L.D. Spring, 2000. Critically thinking about exhibition criticism and exhibition evaluation. Invited article for *The Exhibitionist*. Pp.10-13.
- Anderson, D., Lucas, K. B., Ginns, I.S. & Dierking, L.D. (2000). Development of knowledge about electricity and magnetism during a visit to a science museum and related post-visit activities. *Science Education*. 84(5): 658-679.
- Falk, J.H. & Dierking, L.D. (2001). Learning from science centers: A broader perspective. *ASTC Dimensions*, January.
- Foat, K. & Dierking, L.D (2001) The give and take of learning resource development and evaluation. *Virginia Association of Museums Quarterly News Magazine*. Pp. 3-7.
- Dierking, L.D., Luke, J. J., Foat, K.A. & L. Adelman. (Nov/Dec, 2001). The family & free-choice learning. *Museum News*.
- Dierking, L.D.; Cohen Jones, M.; Wadman, M.; Falk, J.H.; Storksdieck, M. & Ellenbogen, K. (2002). Broadening our notions of the impact of free-choice learning experiences. *Informal Learning Review* 55: 1, 4-7.
- Dierking, L.D., McCreedy, D., Frankel, D. & Adelman, L. (2002). Facilitating and documenting family learning in the 21st Century,” *Current Trends in Audience Research and Evaluation*, Vol. 15: 62.

- Dierking, L.D., Falk, J.H., Rennie, L., Anderson, D., & Ellenbogen, K. (2003). Policy statement of the NARST informal science education Ad Hoc Committee. *Journal of Research in Science Teaching*, 40(2), 108-111.
- Rennie, L.J., Feher, E., Dierking, L.D. & Falk, J.H. (2003). Toward an agenda for advancing research on science learning in out-of-school settings. *Journal of Research in Science Teaching* 40 (2), 112-120.
- Dierking, L.D., Luke, J.J. & Büchner, K.S. (2003). Science & technology centers-Rich resources for free-choice science and technology learning. Invited article for issue of *International Journal of Technology Management on Science and Technology Centres*. 25(5): 56-65.
- Dierking, L.D. & Falk, J.H. (2003) Optimizing out-of-school time: The role of free-choice learning. *New Directions for Youth Development*. 97 (Spring), 75-88.
- Dierking, L.D., Adelman, L.M., Ogden, J., Lehnhardt, K., Miller, L. and Mellen, J.D. (2004). Using a behavior change model to document the impact of visits to Disney's Animal Kingdom: A study investigating intended conservation action, *Curator*, 47(3), 322-343.
- Falk, J.H., Scott, C., Dierking, L.D., Rennie, L.J. & Cohen Jones, M. (2004). Interactives and visitor learning. *Curator*, 47(2), 171-198.
- Ellenbogen, K.M., Luke, J.J. & Dierking, L.D. (2004). Family learning research in museums: An emerging disciplinary matrix? In Dierking, L.D., Ellenbogen, K.M & Falk, J.H. (Eds). *In Principle, In Practice: Perspectives on a Decade of Museum Learning Research (1994-2004)*, Supplemental Issue. *Science Education*. 88: 48-58.
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- Dierking, L.D., Falk, J.H. & Ellenbogen, K. (2005). Forum piece: In Principle, In Practice. *Curator*, 48(3), 246-48.
- Falk, J.H., Dierking, L.D., Rennie, L & Scott, C. (2005). In praise of "both-and" rather than "either-or:" A reply to Harris Shettel. *Curator*, 48(4), 475-477.
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- Falk, J.H., Dierking, L.D. & Storksdieck, M. (2007). Investigating public science interest and understanding: Evidence for the importance of free-choice learning. *Public Understanding of Science*, 16(4): 455-469.
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- Luke, J.J., Stein, J., Kessler, C. & Dierking, L.D. (2007). Making a difference in the lives of youth: Mapping success with the "Six Cs" *Curator* 50(4): 417-434.
- Dierking, L.D. (2010). Being of value: Intentionally fostering and documenting public value. *Journal of Museum Education*. 35: 9-19.
- Falk, J.H. & Dierking, L.D. (2010). The 95% Solution: School is not where most Americans learn most of their science. *American Scientist*. 98: 486-493.
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- Purcell, K.B., Lyons, R. Dierking, L.D. & Fischel, H. (2011). Adolescent involvement at public horticulture institutions. *Public Garden*.
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- Bachman, J. & Dierking, L.D. (2011). Co-creating playful environments that support children's science and mathematics learning as cultural activity: Insights from home-educating families. In J.D. Adams & D.E. Kanter (Eds.) Special Section: "Designing Environments to Promote Play-based Science Learning" in *Children, Youth and Environments*.
- Pattison, S.A. & Dierking, L.D. 2012. Exploring staff facilitation that supports family learning. *Journal of Museum Education*, 37(3): 69-80.
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Invited Chapters & Papers

- Dierking, L.D. (1989). The family museum experience: Research implications, invited article for *Journal of Museum Education*, Spring/Summer. 14(2): 9-11.
- Dierking, L.D. (1992). A historical survey of learning theory. Invited chapter in *The audience in exhibition development*. Washington, D.C.: Technical Information Service, American Association of Museums.
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- Dierking, L.D. & Falk, J.H. (1998), Audience & accessibility. In Thomas, S. and Mintz, A. (Eds) *The virtual and the real: Media in the museum*. Washington, DC: American Association of Museums.
- Dierking, L.D. (1999). Interpretation as a social experience. Invited chapter in Uzzell, D. & Ballantyne, R. *Contemporary issues in heritage interpretation: Problems and prospects*. New York, NY: John Wiley & Sons.
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Choice science learning: Building the informal science education infrastructure. New York: Teachers College Press.

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- Dierking, L.D. (2002). The role of context in children's learning from objects and experiences. Invited chapter for (Ed.) Paris, S. G. *Multiple perspectives on children's object-centered learning.* New York, NY: Erlbaum.
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- Falk, J.H. & Dierking, L.D. (2012). Lifelong science learning for adults: The role of free-choice experiences. In B. Fraser, K. Tobin & McRobbie, C.J. (Eds.). *Second International Handbook of Science Education*. 24, Volume 1: 1063-1079. New York/Heidelberg: Springer International Handbooks of Education.
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Special Journal Issues Editor

Dierking, L.D. & Martin, L.M.W. (Eds.) Special issue of *Science Education*, 81(6), 1997.

Dierking, L.D., co-editor (with Jessica Luke) on *Insights*. Spring 1999, Vol. 2. No. 1.

Dierking, L.D., Ellenbogen, K.M & Falk, J.H. (Eds.). *In Principle, In Practice: Perspectives on a Decade of Museum Learning Research (1994-2004)*, Supplemental Issue. *Science Education*. 88: S1-S96.

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Tal, T. & Dierking, L.D. (Eds.) 2014. Science learning in everyday life. *Journal of Research in Science Teaching*, 51(3): 251–406.

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BOOKS

Falk, J.H. & L.D. Dierking, (1992). *The museum experience*, Washington, D.C.: Whalesback Books.

Falk, J.H. & L.D. Dierking, Eds., (1995). *Public institutions for personal learning: Establishing a research agenda*. Washington, D.C.: American Association of Museums.

Dierking, L.D., Falk, J.H., Holland, D., Fisher, S., Schatz, D. & Wilke, L. (1997). *Collaboration: Critical Criteria for Success*. Washington, D.C.: Association of Science-Technology Centers.

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Falk, J.H. and Dierking, L.D. (2000). *Learning from museums: Visitor experiences and the making of meaning*. Walnut Creek, CA: AltaMira Press.

Dierking, L.D. & Falk, J.H. (2002). *Lessons without limit: How free-choice learning is transforming education*. Walnut Creek, CA: AltaMira Press (Roman & Littlefield).

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- Caban, G., Scott, C., Falk, J.H. & Dierking, L.D. (2003) *Museums and creativity: A study into the role of museums in design education*. Sydney, AU: Powerhouse Publishing.
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- McCreedy, D. & L.D. Dierking, (2013). *Cascading influences: Long-term impacts of informal STEM programs for girls*. Philadelphia, PA: Franklin Institute Science Museum Press.
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REVIEWS

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- Dierking, L.D. (1987). Review of Anderson, H.O., Harty, H. & Samuel, K.V. Nature of science, 1969 and 1984: Perspectives of preservice secondary science teachers. *School Science and Mathematics*, 86(1): 43-50. 1986. in *Investigations in Science Education*, 13(1): 3-8.
- Dierking, L.D. (1988). Review of Kirk, J. & Miller, M.L. *Reliability and validity in qualitative research*. Beverly Hills, CA: Sage Publications. *Sage University Paper Series on Qualitative Research Methods*. 1985.
- Dierking, L.D. (1988). Felding, N. & Felding, J.L. *Linking data*. Beverly Hills, CA: Sage Publications. *Sage University Paper Series on Qualitative Research Methods*. 1985. in *Qualitative Studies in Education*, 1(1): 101-106.
- Dierking, L.D. (1989). Review of Sherris, J.D. & Kahle, J.B. The effects of instructional organization and locus of control orientation on meaningful learning in high school biology

students. *Journal of Research in Science Teaching*, 21(1): 83-94. 1984. in *Investigations in Science Education*, 15.

Dierking, L.D. (1991). Review of Lemke, J.L. (1990) *Talking science: Language, learning and values*. Norwood, NJ: Ablex Publishing Corporation, in *Choice*.

Dierking, L.D. (1991). Review of Boyd, A.M. (1990). *Fractions and some cool distractions*. Videotape series. Wynnewood, PA: Rahlic Publishing House, in *Choice*.

Dierking, L.D. (1992). Review of Kulm, G. & Malcolm, S.M. (1991). *Science assessment in the service of reform*. Washington, D.C.: American Association for the Advancement of Science, in *Choice*.

Falk, J.H. & Dierking, L.D. (1992) Global warming: Understanding the forecast; an exhibition review. *Museum Anthropology*. 16(3), 72-78.

Dierking, L.D. (1999). Review of Hein, G.E. (1998). *Learning in the museum*. London & New York: Routledge. In *The Public Historian*, 21(4): 63-65.

Wyld, J. & Dierking, L.D. (2015). *Design, make, play: Growing the next generation of STEM innovators*, edited by Margaret Honey and David E. Kanter. Routledge, New York, NY, USA, 2013. xvii + 238 pp. ISBN 978-0-415-53920-3. Book review in *Science Education* 99(4): 779-782.

MISCELLANEOUS PUBLICATIONS AND CREATIVE ACTIVITIES

"Aristurtle Says". Children's columnist for the *Museum* magazine, Museum of Science, Miami, Florida, 1978-1979.

Monthly Science guest on "Duck, Duck, Goose," a syndicated children's program on Miami Public Television, 1978-1979.

Dierking, L.D., Martin, R.L., & Falk, J.H. *Making education our business...The role of chambers of commerce*. U.S. Chamber of Commerce technical report, Spring, 1990.

Dierking, L. D., Underhill, R., Institute of Museum and Library Services (U.S.), & Conner Prairie (Museum). 2006. Training DVD for Museum Educators. *Opening doors to great guest experiences*. Fishers, IN: Conner Prairie.

Lead Guest on *Talk of the Nation: Science Friday, Rethinking how kids learn science*. November 11, 2011

GRANTS AND CONTRACTS

Principal Investigator:

National Science Foundation #ESI-9801940 *Adults Supporting Kids with Science. (ASK with Science)*. 1998-2002. \$317,867.

Oregon Sea Grant & OSU Division of Outreach & Engagement. *Community Engagement & Learning Initiative Project*. 2009-2010. \$50,000.

NSF-funded *Access Algebra: Effective Strategies for Promoting Informal Math Learning* project to Oregon Museum of Science & Industry (OMSI); 2007-2012. \$3,006,642. Sub-award divided evenly with College of Education (\$27,924).

L.D. Dierking, N. Staus & J. H. Falk. National Science Foundation #ESI- 1516718. *SYNERGIES: Customizing Interventions to Sustain Youth STEM Interest and Participation Pathways*. 2015-2020. \$1,998, 876.

Co-Principal Investigator:

John H. Falk & Lynn D. Dierking, National Science Foundation #PE185-50580. *Community Science Project*. 1986-1988. \$849,650.

Indo-U.S. Subcommission Research Project: *An Investigation of the Long-Term Impact of Museum Visitation on Student Learning and Behavior at the National Museum of Natural History*, New Delhi, India. 1988-1991. \$20,000.

Hart, J. & Dierking, L.D. *New Horizons for Older Adults: Linking Art, Science & Technology*. Collaborative Seminar Project between Museum One, inc. & Science Learning, inc. Funded by the Montgomery County Commission on the Humanities, October-November 1989. \$20,000.

John H. Falk & Lynn D. Dierking, National Science Foundation #ESI-9254959. *Public Institutions for Personal Learning: Understanding the Long-Term Impact of Museums*. 1993-1995. \$150,848

Kirsten M. Ellenbogen, John H. Falk & Lynn D. Dierking. #ESI-0318868. *In Principle, In Practice: The Second Annapolis Conference on Museum Learning*. 2003-2005. \$176,848.

Kathryn Haley Goldman, Lynn D. Dierking & Martin Storksdieck. #ESI-0412037. *Designing the Classroom of Tomorrow by Using Advanced Technologies to Connect Formal and Informal Environments (CONNECT)*. 2004-2006. \$125,216.

Dale McCreedy & Lynn D. Dierking. National Science Foundation. #ESI-0452419. *The Impact of Informal Science on Girls' Interest, Engagement, and Participation in Science Communities, Hobbies and Careers: A Research and Dissemination Project*. 2005-2008. \$1,205,756

John H. Falk, Lynn D. Dierking & Larry G. Enochs. National Science Foundation. # DRL-0813252. *Towards the Next Generation of Research on STEM Learning*. 2008-2010. \$99,999.

John H. Falk & Lynn D. Dierking, Noyce Foundation. *Synergies: Understanding and Connecting STEM Learning in the Community*. Planning grant. 2010-2011. \$94,481.

John H. Falk, Lynn D. Dierking & William Penuel. Noyce Foundation. *Synergies: Understanding and Connecting STEM Learning in the Community*. Implementation grant. 2011-2015. \$1,213,133.

Kathleen Tinworth, Polly Andrews & Lynn D. Dierking. National Science Foundation. Efficacy study of *Metropolitan Denver's Urban Advantage research* project: A project to improve scientific literacy among urban middle school students. DRL-#1020386. 2010-2015. 3,414,037.

Carlos Alcazar, Lynn D Dierking, Alliyah Noor & Trinity Treat, National Science Foundation. *Pathways: Hispanic Pathways to Family Science Literacy and Green Jobs*. DRL-#1221538. September 2012-August, 2013. \$249,911

John H. Falk, Lynn D. Dierking & Nancy Staus. Lemelson Foundation. *Advancing SCILS (STEM, Creativity & Invention Learning through SYNERGIES)*. Planning grant. 2013-\$209,993.

Benne, M., Pattison, S., Rubin, A. & Dierking, L.D. NSF-AISL: *Research: Researching the Value of Educator Actions for Learning (REVEAL)* (Co-PI; sub-award with OMSI). 10/1/2013 - 9/30/2016. \$788,288 (OSU portion: \$27,357)

Hurd, J. Pattison, S. & Dierking, L.D. US-NSF-AISL: *Designing Our World (DOW): Connecting Community to Re-Envision Engineer It! for the Next Generation*. (Co-PI; sub-award with OMSI). 10/1/2013 - 9/30/2018. \$850,275 (OSU portion: \$55,822)

Archer, L., Dawson, E., Dierking, L.D. & Calabrese Barton, A. Wellcome Trust, Science Learning+: *Youth access & equity in ISL: Developing a research and practice agenda*. (Co-PI; sub-award with King's College London). 1/1/2015 - 10/31/2015. £70,000 (\$108,906; OSU portion: \$22,723)

Lewis, M., Hewitt, K. Dierking, L.D., Storksdieck, M. & Collay, R. *Oregon's Statewide Regional STEM Hub Network*. Grant as an inaugural community in launching of the STEM Learning Ecosystems Initiative, funded by the STEM Funders Network. \$10,000. 2015-2016.

Evaluator:

Maryland Humanities Council "Touch and Try History" Exhibit
Sandy Spring Museum, Olney, Maryland, Summer, 1988

Virginia Foundation for the Humanities and Public Policy
Museum Outreach Program for Elders
Museum One, Washington, D.C., Fall, 1988

The Octagon House
American Architectural Foundation
"Development for the Early City" Exhibit
Washington, D.C.
Fall, 1988

The George Washington University Museum Education Program
Program Evaluation & Alumni Survey
Washington, D.C.
Fall 1988-Winter 1989

The Corcoran Gallery
Adult Art Museum Visitor Learning Project, Fall 1989-1992

St. Louis Zoo's *Living World* Exhibition & Building
Critical Assessment Team
June 20-23, 1990

National Zoo, Smithsonian Institution
Super Week Program
July 31 - August 5, 1990

The Henry Ford Museum & Greenfield Village
Innovation Station Exhibit Project
July 1990-1993

American Institute of Aeronautics & Astronautics
Development of K-12 Science Education Initiative
October 1990-January 1991

Coastal Design, Inc.
Bethesda, MD
Visitor Experience Consultant, *Think Tank*, National Zoo
Smithsonian Institution
May, 1990-March, 1992.

National Science Center, Augusta, Georgia
Early Childhood Science Education Consultant
June, 1990-December 1990

"How Things Fly" Exhibit
National Air & Space Museum
April, 1992-1996

Senior Staff Training
Public Dimension of Museums
The Henry Ford Museum & Greenfield Village
September, 1992-October, 1992

Washington Becomes Urban Collaborative Exhibition Project
The Octagon House, Washington, D.C., April, 1993-1995
Re-Design of Geology, Gems & Minerals Exhibition
National Museum of Natural History
May, 1993-December, 1997

Strategic Planning for Museum of Science & Industry
Chicago Museum of Science & Industry
May, 1993-2000

Project ASTRO
Astronomical Society of the Pacific
San Francisco, CA, May, 1993-1995

Smog Watch Program
Technical Education Research Center (TERC)
Cambridge, MA
July, 1993-September 1993

SciTech Clubs for Girls Project
SciTech, Aurora, IL, November, 1994-1995

Computer Interactives
Winterthur Museum
Winterthur, DE, May, 1994-September, 1994

Joseph Priestley House
NEH Planning Grant
August, 1994-December, 1995

Science Carnival Consortium, Traveling Mini Science Carnival Consortium & Science Carnival Consortium Linkages Project
Pacific Science Center
Seattle, WA
October, 1994-December, 1995

Science Education Community Leadership
STAFF Leadership for Rural Communities
Aliens Exhibition
Pacific Science Center
Seattle, WA, February, 1995-December, 1997

America on the Move (Front-End Evaluation for the Re-Design of the Transportation Hall)
National Museum of American History, Smithsonian Institution, Washington, DC
September 1999-October 2000

Girls at the Center
Girl Scouts of the USA, New York, NY
Franklin Institute Science Museum, Philadelphia, PA
June 1996-2005

Families Exploring Science Together (FEST)
New Jersey Aquarium, Franklin Institute Science Museum, Philadelphia Academy of
Sciences & Philadelphia Zoo
Philadelphia, PA area, Spring 2000-2005

Koshland Science Museum
National Academies of Science
Washington, DC
March 2000-June 2002

Buffalo Museum of Science
Partners for Seamless Learning
Center for Science Learning
Buffalo, NY, October 2001-2006

National Public Health Partnership
National Public Health Museum
Washington, DC, April 2002-2006

Family Learning Initiative
Children's Museum of Indianapolis
Indianapolis, IN
February, 2000-present

All Hands on Deck Family Learning Initiative
USS Constitution Museum
Boston, MA
February, 2003-present

Collections Learning Center
Visitor Experience Consultant
Ohio Historical Society
Columbus, OH
October, 2010