

Sally C. Moomaw, EdD
Associate Professor, Early Childhood Education
Curriculum Vitae

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Education

Doctor of Education, University of Cincinnati

Completed: February, 2008

Major: Special Education

Research: Measuring Number Sense in Young Children

Master of Education, University of Cincinnati

Received: June, 1972

Major: Child Development

Cognate: Special Education

Bachelor of Music, University of Cincinnati

Received: June, 1971

Major: Elementary Music Education, Cello

Cognate: Child Development

California Core Elementary Education Certification Curriculum

California State University, Sacramento

1974-75 academic year

Current Employment

2008- Associate Professor, University of Cincinnati, 2014-
College of Education, Criminal Justice, and Human Services
Early Childhood Education; Graduate Faculty

Assistant Professor, University of Cincinnati, 2008-2014
Primary appointment, Early Childhood Education,
with additional responsibilities in Special Education and STEM Education

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Previous Employment

2007-08 Annual Adjunct Instructor, University of Cincinnati, Early Childhood Education (ECE) and Special Education (SPED) Programs

1978-2006 Arlitt Child and Family Research and Education Center, University of Cincinnati
Academic Researcher/Associate Director for Professional Development/Clinical Faculty (2000-06)

- Instructor for undergraduate courses for the Department of Early Childhood Education
- Coordinator of Preschool and Kindergarten Practicums for ECE, including finding placements for all students, developing syllabi, and monitoring UC supervisors
- Developed in-service trainings and workshops for Arlitt staff and parents
- Presented professional educational workshops at the local, state, and national level
- Designed, organized, and taught Arlitt Summer Institutes for teachers in Math & Science, Literacy, and Art & Music
- Instituted and developed the content for the Arlitt Center web site
- Developed, videotaped, and taught courses for the Early Childhood Learning Community (ECLC)
- Participated in grant research, including the Act-2 National Head Start Research Grant

Adjunct Instructor (1989-2000)

- Instructor for undergraduate courses for Early Childhood Education
- Supervised graduate students in preschool, kindergarten, and primary placements

Early Childhood Education Specialist (1978-2000)

- Taught inclusive preschool and kindergarten classes that included children funded by Head Start, tuition, and Special Education services
- Developed, implemented, and published a nationally recognized curriculum
- Mentored bachelor- and masters-level practicum teachers
- Participated in research studies
- Collaborated with specialists and other professionals
- Implemented Individual Educational Plans (IEPs)

1975 Rosemont Day Care Center (Sacramento, California)

- Director of an inclusive full-day child care center

1972-74 Cincinnati Public Schools

- Full-time teacher at Losantiville Elementary School
- Contracted to teach the "Preschool Intervention Program for an Integrated Classroom of Normal and Handicapped Children," one of the earliest examples of an inclusive preschool environment in the United States

CURRICULUM VITAE

Honors

- 2014 “Golden Apple” Certificate of Appreciation for Superior Instruction, University of Cincinnati College of Education, Criminal Justice, and Human Services
- 2013 “Golden Apple” Certificate of Appreciation for Superior Instruction, University of Cincinnati College of Education, Criminal Justice, and Human Services
- 2012 “Golden Apple” Certificate of Appreciation for Superior Instruction, University of Cincinnati College of Education, Criminal Justice, and Human Services
- 2012 *Learning Magazine* Teachers’ Choice Award for 2011, for the book *More Than Counting: Standards Edition*.
- 2011 “Golden Apple” Certificate of Appreciation for Superior Instruction, University of Cincinnati College of Education, Criminal Justice, and Human Services
- 2011 Senior Class Officers Commencement Award, for “helping students reach their educational goals at UC” – nominated by three students
- 2010 “Golden Apple” Certificate of Appreciation for Superior Instruction, University of Cincinnati College of Education, Criminal Justice, and Human Services
- 2009 “Golden Apple” Certificate of Appreciation for Superior Instruction, University of Cincinnati College of Education, Criminal Justice, and Human Services
- 2008 Outstanding Doctoral Student Award, Special Education, University of Cincinnati
- 2008 Inducted into the Lima (OH) Senior High School Hall of Fame for outstanding graduates
- 2008 Nominated for two dissertation awards: the Garvin Award, from the University of Cincinnati, and the NAECTE and Merrill/Prentice Hall Outstanding Dissertation Award
- 2007 Ohioana Library Association author award for the book *Get Ready for Math!*
- 2003 Myers Outstanding Book Award, presented by the Gustavus Myers Center for the Study of Bigotry and Human Rights in North America, for co-authoring *Lessons from Turtle Island: Native Curriculum in Early Childhood Classrooms*
- 2003 Outstanding Book Honor from Skipping Stones International Multicultural Magazine for *Lessons from Turtle Island: Native Curriculum in Early Childhood Classrooms*
- 2003 Recommended teacher’s resource, by the ABBE Museum: Maine’s Native American Heritage, Bar Harbor, ME, for *Lessons from Turtle Island: Native Curriculum in Early Childhood Classrooms*
- 1997 Certificate of Appreciation for Superior Instruction, University of Cincinnati College of Education
- 1997 Ohio Senate Honor for Excellence in Child Care
- 1996 Parents Council, Ltd. award for the book *More Than Counting*
- 1996 Ohioana Library Association author award for the book *More Than Counting*

CURRICULUM VITAE

- 1972 Kappa Delta Pi (National Education Honorary)
1971 Pi Kappa Lambda (National Music Honorary)
1968 Alpha Lambda Delta (National Freshman Scholastic Honorary)
1967 National Merit Scholar

Summary of College Teaching*Classroom Courses, University of Cincinnati*

Accommodation and Adaptation in Early Childhood Education
Assessment in Special Education
Assessment of Young Children
Child Development
Data Analysis and Probability for Teachers and Learners
Families in Early Childhood Special Education
Foundations of Constructivism
Foundations of Math and Science
Geometry for Teachers and Learners
Integrating Art and Music in Early Childhood Education
Integrating Math
Math and Science for the Young Child (Foundations of Math & Science)
Number Sense and Representation for Teachers and Learners
Play and Development
Primary Math Methods
STEM Education Capstone

Supervision Courses, University of Cincinnati

Early Childhood Education Lab and Seminar
Kindergarten Practicum
Internship in Early Childhood Education I, II, and III
Preschool Practicum
Teaching Associate I, II, and III

Distance Learning Courses

Developed and taught the new P-6 Ohio Department of Education Math Endorsement course,
Number Sense and Reasoning for Teachers and Learners, 18 CI 672 (2010)
Instructor for online Special Education Assessment courses, 18 SPED 879, 533, and PRFS 531
(2008-11)
Designer of the distance learning course Math and Science for the Young Child, for the
University of Cincinnati Early Childhood Learning Community (ECLC) (2008)
Videotaped two class segments on music for the ECLC course Integrating Art & Music in ECE (2008)

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Videotaped Instructor for Math & Science for the Young Child for the ECLC Program,
University of Cincinnati (2001)

Instructor for the on-line courses Math and Science for the Young Child and Play and
Development, University of Cincinnati (2001-06)

Publications***Books***

Moomaw, S. (2013). *Teaching STEM in preschool and kindergarten*. St. Paul, MN: Redleaf Press.

Moomaw, S. (2011). *Teaching mathematics in early childhood*. Baltimore, MD: Brookes.

Moomaw, S., & Hieronymus, B. (2011). *Much more than counting: Standards edition*. St. Paul, MN: Redleaf Press.

Moomaw, S., & Hieronymus, B. (2006). *Get ready for math!* St. Paul, MN: Redleaf Press.

Moomaw, S., & Hieronymus, B. (2006). *Get ready to read!* St. Paul, MN: Redleaf Press.

Moomaw, S. (2002). *Nobody else like me: Activities to celebrate diversity*. St. Paul, MN: Redleaf Press.

Jones, G. W., & Moomaw, S. (2002). *Lessons from turtle island: Native American curriculum in early childhood classrooms*. St. Paul, MN: Redleaf Press.

Moomaw, S., & Hieronymus, B. (2001). *More than letters: Literacy activities for preschool, kindergarten, and first grade*. St. Paul, MN: Redleaf Press.

Moomaw, S., & Hieronymus, B. (1999). *More than painting: Exploring the wonders of art in preschool and kindergarten*. St. Paul, MN: Redleaf Press.

Moomaw, S., & Hieronymus, B. (1999). *Much more than counting: More math activities for preschool and kindergarten*. St. Paul, MN: Redleaf Press.

Moomaw, S. (1997). *More than singing: Discovering music in preschool and kindergarten*. St. Paul, MN: Redleaf Press.

Moomaw, S., & Hieronymus, B. (1997). *More than magnets: Discovering the wonders of science in preschool and kindergarten*. St. Paul, MN: Redleaf Press.

Moomaw, S., & Hieronymus, B. (1995). *More than counting: Whole math activities for preschool and kindergarten*. St. Paul, MN: Redleaf Press.

Moomaw, S. (1984). *Discovering music in early childhood*. Boston: Allyn and Bacon.

Book Chapters

Moomaw, S., Carr, V., Barnett, D., & Boat, M. (2013, in press). Measuring number sense in preschool children. In L. McGarvey (Ed.). *Teaching Children Mathematics: Preschool and Kindergarten*. Reston, VA: National Council of Teachers of Mathematics.

CURRICULUM VITAE

- Moomaw, S., and Davis, J. (2013). STEM comes to preschool. In A. Shillady (Ed.), *Spotlight on young children: Exploring science*. Washington DC: National Association for the Education of Young Children.
- Moomaw, S. (2007). Mathematics curriculum and assessment. In V. Carr (Ed.), *Ohio standards of practice for early childhood*. Columbus, OH: Ohio Department of Education.
- Moomaw, S. (2007). Science curriculum and assessment. In V. Carr (Ed.), *Ohio standards of practice for early childhood*. Columbus, OH: Ohio Department of Education.
- Harte, H., Carr, V. W., & Moomaw, S. (2007). Creating a rich learning environment. In V. Carr (Ed.), *Ohio standards of practice for early childhood*. Columbus, OH: Ohio Department of Education.
- Harte, H., Moomaw, S., & Corkwell, C. (2007). English and language arts curriculum and assessments. In V. Carr (Ed.), *Ohio standards of practice for early childhood*. Columbus, OH: Ohio Department of Education.
- Denno, D, Phillips, L.R., Harte, H., & Moomaw, S. (2004). Creating a supportive classroom environment. In Bell, S.H., Carr, V., Denno, D., & Johnson, L.J. (Eds.). *Challenging behaviors in early childhood settings: Creating a place for all children*. Baltimore, MD: Brookes Publishing.

Manuals

- Hieronimus, B., McPherson, M.A., Carr, V.W., & Moomaw, S. (2000). *Language and Literacy Manual*. Columbus, OH: Ohio Department of Education.

Refereed Journal articles

- Moomaw, S. (2014, in press). Assessing the difficulty level of math board games for young children. *Journal of Research in Childhood Education*.
- Moomaw, S. (2014, February). Guest Editorial: Don't forget to Play. *School Science and Mathematics*
- Moomaw, S. (2013, in press). Early addition: It's in the cards. *Teaching Children Mathematics*, accepted for publication 04/30/13.
- Moomaw, S. (2013). Use of numeric and non-numeric symbols in early addition. *Journal for Research in Childhood Education* 27(3), 319-329.
- Moomaw, S. (2012). Invited Guest Editorial (2012). *School Science and Mathematics*, 112(2), 57-58.
- Moomaw, S. (2012). [Review of the book *Strategies for teaching whole number computations: Using error analysis for intervention and assessment*]. *Teaching Children Mathematics*, 19(3), 207.
- Moomaw, S. (2011). [Review of the book *Mathematics in focus, K-6: How to help students understand big ideas and make critical connections*]. *Teaching Children Mathematics*, 17(8), 508-509.

CURRICULUM VITAE

Moomaw, S., & Davis, J. (2010). STEM comes to preschool. *Young Children*, 65(5), 12-18.

Moomaw, S., Carr, V., Barnett, D., & Boat, M. (2010). Preschoolers' number sense. *Teaching Children Mathematics*, 16(6), 332-340.

Boat, M. B., Carr, V., Barnett, D., Macmann, G., Moomaw, S., Pan, W., & Nichols, A. (2009). Instructional change in preschool classrooms: A study of empirically-based teacher support. *NHSA Dialog: A Research to Practice Journal for the Early Intervention Field*, 12(4), 303-326.

Boat, M. B., Carr, V., Barnett, D., Macmann, G., Moomaw, S., Pan, W., & Nichols, A. (2009). Improving instruction in Head Start preschool classrooms through feedback and support to teachers. *NHSA Dialog: A Research to Practice Journal for the Early Intervention Field*, 12(4), 347-353.

Moomaw, S., & Jones, G. W. (2006). Native curriculum in early childhood classrooms. *Childhood Education*, 82(2), 89-94.

Moomaw, S. (2005). Math and science go outside. *Dimensions in Early Childhood*, 33(3), 27-32.

Elgas, P. M., Prendeville, J., Moomaw, S., & Krestchmer, R. R. (2002). Early childhood classroom setup: A powerful tool for facilitating English as a second language. *Childcare Information Exchange*, 143(17-20).

Refereed Journal Articles in Process

Moomaw, S. (under revision). Not all math games are created equal. *Young Children*.

Invited Articles

Moomaw, S. (2012). Cardinality in the Early Learning and Development Standards' Cognition and General Knowledge Mathematics Domain. *Ohio Resource Center*: http://ohiorc.org/ORC_Documents/ORC/rec/briefs/0012.pdf.

Moomaw, S. (2004). Math begins in preschool: Talking the language of math: An early childhood best practice brief. *Ohio Resource Center*: http://ohiorc.org/ORC_Documents/ORC/rec/briefs/0004.pdf.

Moomaw, S. (1998). More than counting: Math activities for preschool and kindergarten. *Early Childhood News*, 10(6).

Videos and Webinars

Online webinar for the National Association for the Education of Young Children, *A Spotlight on Young Children: Exploring Science* (April 22-26, 2013)

Videotaped a professional training seminar (3 CDs) entitled *Math in Early Childhood* for Apples Video Magazine, Western Illinois University (2012)

Developed a best practice brief and webinar on mathematics standards for the Ohio Resource Center's Resources for Early Childhood website (2012)

Videotaped a 3-hour presentation on Ohio PreK Literacy Standards for the Ohio Department of Education (2012)

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Faculty for live telecasts for the Ohio State University Research Foundation, including math and science training modules for statewide instructors (2005-07)

Instructor for “Math is More Than Counting: A Three-Part Webinar Series” for the National Head Start Mathematics Web-Based Seminar, broadcast live, nationwide (2006)

Designer and narrator of math modules for Arlitt Instructional Media (2005-06)

Guest faculty for live national telecasts of Heads Up Reading; Winning Teams-Guiding Behavior; Winning Teams-Learning To Read and Write; and California Pre-Kindergarten Guidelines, for Resources and Instruction for Staff Excellence, Inc. (RISE) (2001-05)

Featured in “The Power of the Arts,” a videotape from Resources and Instruction for Staff Excellence, Inc. (RISE), 1998

Grants, University of Cincinnati

2014-15 University of Cincinnati Choose Ohio First Continuation Grant, CECH Grant Committee

2008-13 University of Cincinnati Choose Ohio First Scholarship Program (PK-8th-COFSP) (\$822,000 grant funded by the State of Ohio to provide scholarships and other support for competitively selected cohorts of Early Childhood, Middle School, and Special Education undergraduate and graduate students; recipients learn about inquiry-based integrated mathematics and science content and pedagogical practices)

- Grant Coordinator, 2008–present
- Member of the grant-writing team
- Co-designer of a three-course mathematics sequence, along with Dr. Stephan Pelikan (A&S), to be taken by Early Childhood and Special Education recipients and co-taught by Early Childhood and Mathematics faculty
- Designed COF Seminar and Capstone experiences

2004-06 Building Quality: Curriculum, Assessment, and Accountability Framework (\$760,000 grant funded by the Ohio Department of Education)

- Author or co-author of curriculum chapters on Math, Science, and Literacy
- Edited final document

2003-06 U.S. Administration for Children and Families (ACF) Head Start-University Partnership (\$820,000 grant funded by National Head Start)

- Developed curriculum-based measures in math, writing, and literacy to assess preschool children
- Conducted reliability training on curriculum-based measures
- Developed training protocols for teachers involved in the grant
- Served as a consultant to teachers in the grant

2002 Development of a Language and Literacy Manual for the Galileo software (\$70,000 Grant funded by the Ohio Department of Education)

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- Wrote sections of the manual
 - Edited the entire document
- 2002 Action Research in Early Childhood Education
(\$6057 grant funded by Cincinnati-Hamilton County Community Action Agency)
- Conducted action research with two preschool teachers at the Arlitt Center on the effects of group-time introduction of literacy materials
- 1997 Faculty Development Grant
(\$5000 grant funded by the College of Education, Criminal Justice, and Human Services)
- Organized faculty symposium on Native American Issues in Education
 - Recruited three national speakers of Native heritage to address the faculty on critical issues

Professional Presentations***Invited Presentations, National, Regional, and State***

- Moomaw, S. (2014, June). Keynote Presenter. *STEM in the Early years*. .Mississippi Bast Off Conference, Greenville, MS.
- Moomaw, S. (2014, July). Featured Presenter. *Stem Comes to Preschool, and Teaching Mathematics Is More Than Counting*. Texas School Ready Early Childhood Summer Institute, San Antonio, TX.
- Moomaw, S. (2014, May). *Teaching STEM in the Early Years: Geology, Life Science, and Physics*. All day workshop presented for the STEM Symposium in Phoenix, AZ.
- Moomaw, S. (2014, March). *STEM in Prek-K*. All day workshop presented for Ohio Department of Education State Support Team 4, Painesville, OH.
- Moomaw, S. (2014, February). Featured Speaker. *Mathematics curriculum-based assessment and instruction in low-income preschools*. Presented as a Featured Speaker at the Kentucky Center for Mathematics Numeracy Conference, Lexington, KY.
- Moomaw, S. (2012, November). *Use of numeric and non-numeric symbols in early addition*. Presented at the National Council of Teachers of Mathematics Regional Conference, Chicago, IL. [I was contacted and asked to give this presentation.]
- Moomaw, S. (2012, April). *Meeting mathematics standards is more than counting*. Contracted as a Featured Speaker for the Ohio Association for the Education of Young Children State Conference, Columbus, OH.
- Moomaw, S. (2012, April). *Literacy is more than letters: Engaging children in reading and writing throughout the classroom*. Contracted as a Featured Speaker for the Ohio Association for the Education of Young Children State Conference, Columbus, OH.

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- Moomaw, S. (2011, February). *The development of addition in young children*. Presented as a Featured Speaker at the Kentucky Center for Mathematics Numeracy Conference, Lexington, KY.
- Moomaw, S. (2010, April). Featured Speaker, Central Ohio Forum for Early Childhood Teacher Educators and Professional Development Specialists, Capital University, Columbus, Ohio.
- Moomaw, S. (2009, October). Keynote Speaker, Fairbanks Association for the Education of Young Children Early Childhood Conference, Fairbanks, Alaska
- Moomaw, S. (2009, March). *Measuring number sense in young children*. Presented as a Featured Speaker at the Kentucky Center for Mathematics Numeracy Conference, Louisville, KY.
- Moomaw, S. (2008, November). *Early learning outcomes in science*. Presented at the 4th Annual New Mexico PreK Institute, New Mexico Department of Public Education, Albuquerque, NM.
- Moomaw, S. (2008, June). *Connecting math and literacy to content standards*. Presented at the Kentucky Early Childhood Summer Institute, University of Kentucky, Lexington, KY.
- Moomaw, S. (2007, June). *Connecting math and literacy to content standards*. Presented at the Kentucky Early Childhood Summer Institute, University of Kentucky, Lexington, KY.
- Moomaw, S. (2006, October). *Literacy curriculum in ECE*. Presented at the Child Care Council of Kentucky Fall Collaboration Conference, Lexington, KY.
- Moomaw, S. (2006, October). *Math and literacy curriculum in ECE*. Presented at the Ashland Early Childhood Regional Training Center, Ashland, KY.
- Moomaw, S. (2006, September). *Science and literacy curriculum in ECE*. Presented at the Carroll County Kentucky Board of Education Teacher Seminar, Carroll County, KY.
- Moomaw, S. (2006, August). *Mathematics curriculum in early childhood education (ECE)*. Presented at the Knox County Board of Education Teacher Seminar, Mt. Vernon, OH.
- Moomaw, S. (2006, August). *Science curriculum in ECE*. Presented at the Lincoln County Board of Education Teacher Seminar, Knox County, KY.
- Moomaw, S. (2006, June). *Connecting math and literacy to content standards*. Presented at the Kentucky Early Childhood Summer Institute, University of Kentucky, Lexington, KY.
- Moomaw, S. (2006, April). *Connecting music to content standards*. Presented at the Kent State University Spring Conference, Ashtabula, OH.
- Moomaw, S. (2006, April). *The Ohio Department of Education (ODE) Math Tool Kit*. Presented as a Pre-Conference, for credit seminar at the Ohio Association for the Education of Young Children Annual Conference, Columbus, OH.
- Moomaw, S. (2005, November). *The ODE Math Tool Kit*. Presented at the Ohio Department of Education Early Childhood Conference, Columbus, OH.
- Moomaw, S. (2005, July). *Connecting math and literacy to content standards*. Presented at the Kentucky Early Childhood Summer Institute, University of Kentucky, Lexington, KY.

CURRICULUM VITAE

- Moomaw, S. (2005, April). *The ODE Math Tool Kit*. Presented as a Pre-Conference, for credit seminar at the Ohio Association for the Education of Young Children Annual Conference, Columbus, OH.
- Moomaw, S. (2004) *Literacy and mathematics curriculum in ECE*. Presented at the Louisville Early Childhood Council, Louisville, KY.
- Moomaw, S. (2003, November). *Learning through books*. Presented at the Ohio Library Council Annual Conference, Columbus, OH.
- Moomaw, S., & Hieronymus, B. (2003, November). *Meeting science and math standards*. Presented at the Ohio Department of Education Early Childhood Conference, Columbus, OH.
- Moomaw, S. (2003, October) *Nobody else like me: Diversity in ECE*. Presented as the Keynote Speaker for the Canton Association for the Education of Young Children Annual Conference, Canton, OH.
- Jones, G. W., & Moomaw, S. (2003, October). *Native American curriculum: Understanding our similarities and appreciating our differences*. Presented at the Utah State Department of Education Regional Teacher Conference, Mohab, UT.
- Moomaw, S. (2003, April). *More than letters: Literacy in ECE*. Presented as a Pre-Conference, for credit seminar at the Ohio Association for the Education of Young Children Annual Conference, Columbus, OH.
- Moomaw, S. (2001, May). *Literacy development in ECE*. Presented at the Stark State University Teacher Appreciation Conference, Akron, OH.
- Moomaw, S. (2001, April). *More than letters: Literacy development in ECE*. Presented as a Pre-Conference, for credit seminar at the Ohio Association for the Education of Young Children Annual Conference, Columbus, OH.
- Jones, G. W., & Moomaw, S. (2001, April). *Native American cultures*. Presented as Highlight Speakers at the Ohio Association for the Education of Young Children Annual Conference, Columbus, OH.
- Moomaw, S. (2001). *Math & science in ECE*. Presented at the Zanesville Community College Teacher Conference, Zanesville, OH.
- Moomaw, S., & Hieronymus, B. (2001). *Literacy in ECE*. Presented at the Minnesota Association for the Education of Young Children State Conference, Minneapolis, MN.
- Moomaw, S., & Hieronymus, B. (2000, April). *More than counting and magnets: Math and science in early childhood classrooms*. Presented as a Pre-Conference, for credit seminar at the Ohio Association for the Education of Young Children Annual Conference, Columbus, OH.
- Jones, G. W., & Moomaw, S. (2000, April). *Native American curriculum in early childhood classrooms*. Presented as Highlight Speakers at the Ohio Association for the Education of Young Children Annual Conference, Columbus, OH.
- Jones, G. W., & Moomaw, S. (2000). *Native American issues in education*. Presented at the Kutztown University Student Forum, Kutztown, PA.

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- Moomaw, S., & Hieronymus, B. (1999, October). *Mathematics, science, and music curriculum*. Presented as Highlight Speakers for the Friends of Early Education State Conference, Tulsa, OK.
- Moomaw, S. (1999, April). *More than counting: Math development in early childhood*. Presented as a Highlight Speaker at the Ohio Association for the Education of Young Children Annual Conference, Cleveland, OH.
- Moomaw, S. (1999, April). *More than singing: Discovering music in early childhood*. Presented as a Highlight Speaker at the Ohio Association for the Education of Young Children Annual Conference, Cleveland, OH.
- Moomaw, S. (1999, April). *More than magnets: Science in early childhood*. Presented as a Highlight Speaker at the Ohio Association for the Education of Young Children Annual Conference, Cleveland, OH.
- Jones, G. W., & Moomaw, S. (1999, April). *Native American curriculum in early childhood education*. Presented as Highlight Speakers at the Ohio Association for the Education of Young Children Annual Conference, Cleveland, OH.
- Moomaw, S. (1998, June). *Making inclusion work*. Presented as the Keynote Address for the Finding Common Ground: Making Inclusion Work Conference, Columbus, OH.
- Moomaw, S., & Hieronymus, B. (1998, April). *Mathematics in ECE*. Presented as Highlight Speakers at the Ohio Association for the Education of Young Children Annual Conference, Toledo, OH.
- Moomaw, S. (1998, April). *Discovering music in early childhood*. Presented as a Highlight Speaker at the Ohio Association for the Education of Young Children Annual Conference, Toledo, OH.
- Moomaw, S., & Hieronymus, B. (1998, April). *Science in ECE*. Presented as Highlight Speakers at the Ohio Association for the Education of Young Children Annual Conference, Toledo, OH.
- Jones, G. W., & Moomaw, S. (1998, April). *Native American cultures: Understanding our similarities and appreciating our differences*. Presented as Highlight Speakers at the Ohio Association for the Education of Young Children Annual Conference, Toledo, OH.

National & International Conference Presentations

- Menninga, B., & Moomaw, S. (2014, June). *Numbers work! Learning about young children's understanding of number*. NAEYC National Institute for Early Childhood Professional Development.
- Moomaw, S. (2014, April). *Preschool mathematics assessment through play-based learning: A collaborative, inclusive model*. Association for Childhood Education International Global Summit on Childhood. Vancouver, BC, Canada.
- Moomaw, S. (2013, November). *STEM education should begin in preschool*. Presented at the School Science and Mathematics National Conference, San Antonio, TX.

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- Moomaw, S., & Meningua, B. (2013, April). *Mathematics curriculum-based assessment and instruction in low-income preschools*. Presented at the American Educational Research Association Annual Conference, San Francisco, CA.
- Moomaw, S. (2013, April). *STEM comes to preschool*. Presented at the National Science Teachers Association (NSTA) Annual Conference, San Antonio, TX.
- Moomaw, S. (2012, November). *Addition in kindergarten: How various symbol systems help or hinder young mathematicians, and what to do about it*. Presented at the National Association for the Education of Young Children (NAEYC) Annual Conference, Atlanta, GA.
- Carnahan, C., & Moomaw, S. (2012, April). *Math instruction for students with autism spectrum disorders*. Council for Exceptional Children Annual Convention and Expo, Denver, CO.
- Moomaw, S. (2011, April). *Assessing the difficulty level of math board games for young children*. Presented at the AERA Annual Meeting and Exhibition, New Orleans, LA.
- Moomaw, S. (2011, April). *STEM comes to preschool*. Presented at the Council for Exceptional Children Annual Convention and Expo, National Harbor, MD.
- Moomaw, S., & Davis, J. (2010, November). *STEM comes to preschool*. Presented at the National Association for the Education of Young Children (NAEYC) Annual Conference, Anaheim, CA.
- Moomaw, S. (2010, May). *Use of numeric and non-numeric symbols by preschool children in early addition*. Presented at the AERA Annual Meeting and Exhibition, Denver, CO.
- Moomaw, S. (2010, April). *Measuring number sense in preschool children through a curriculum-based measure*. Presented at the National Council of Teachers of Mathematics (NCTM) Annual Meeting and Exposition, San Diego, CA.
- Moomaw, S. (2009, April). *Measuring number sense in young children*. Presented at the AERA Annual Meeting and Exhibition, San Diego, CA.
- Moomaw, S., & Carr, V. W. (2009, April). *Measuring number sense in children with and without disabilities*. Presented at the Council for Exceptional Children Annual Convention and Expo, Seattle, WA.
- Carr, V. W., Boat, M. B., & Moomaw, S. (2008, November). *Finally! Developmentally and individually appropriate assessment*. Presented at the National Association for the Education of Young Children (NAEYC) Annual Conference, Dallas, TX.
- Carr, V. W., Boat, M. B., & Moomaw, S. (2008, June). *Curriculum outcomes measures for preschool*. Poster presented at the Head Start Ninth Annual Research Conference, Washington, DC.
- Carr, V. W., Boat, M. B., & Moomaw, S. (2007, November). *An interactive measure to assess preschoolers' progress*. Poster presented at the National Association for the Education of Young Children (NAEYC) Annual Conference, Chicago, IL.
- Moomaw, S., & Jones, G. W. (2006, November). *Lessons from Turtle Island*. Presented at the NAEYC National Conference, Atlanta, GA.

CURRICULUM VITAE

- Moomaw, S., & Carr, V. W. (2006, June). *Curriculum-based measurement: Promoting progress for all children in preschool*. Presented at the NAEYC 15th National Institute for Early Childhood Professional Development, San Antonio, TX.
- Carr, V. W., Boat, M. B., Barnett, D., Moomaw, S., Nichols, A., & Pan, W. (2006, June). *Child assessment and outcomes: Head Start child outcomes research consortium (CORS)*. Presented at the National Head Start Research Conference, Washington, DC.
- Boat, M. B., Carr, V. W., Barnett, D., Disanto, J., Moomaw, S., & Nichols, A. (2005, October). *Curriculum-based measurement: Promoting progress for all children in preschool*. Presented at the 21st International Conference on Young Children with Special Needs and Their Families, Portland, OR.
- Carr, V. W., Boat, M. B., Barnett, D., Moomaw, S., Nichols, A., & Pan, W. (2004, November). *Act 2: Teacher development in Head Start*. Presented at the Council for Exceptional Children, Division of Teacher Education National Conference, Albuquerque, NM.
- Carr, V. W., Boat, M. B., Barnett, D., Moomaw, S., Nichols, A., Schneegold, J., & Pan, W. (2004, June). *Child assessment and outcomes: Lessons from the Head Start Child Outcomes Research Support (CORS) Consortium*. Poster presented at the National Head Start Research Conference, Washington, DC.
- Moomaw, S. & Jones, G. W. (2003, November). *Lessons from Turtle Island*. Presented at the NAEYC National Conference, Chicago, IL.
- Jones, G. W., & Moomaw, S. (2000, November). *Native American cultures: Understanding our similarities and appreciating our differences*. Presented at the NAEYC National Conference, Atlanta, GA.
- Moomaw, S., and Jones, G. W. (1999, November). *Native American cultures: Understanding our similarities and appreciating our differences*. Presented at the NAEYC National Conference, New Orleans, LA.
- Moomaw, S., and Jones, G. W. (1998, November). *Native American cultures: Understanding our similarities and appreciating our differences*. Presented at the NAEYC National Conference, Toronto, Canada.
- Hieronymus, B., & Moomaw, S. (1997, November). *Don't let science scare you: It's everywhere in the classroom*. Presented at the NAEYC National Conference, Anaheim, CA.
- Jones, G. W., & Moomaw, S. (1996, November). *Native American cultures: Understanding our similarities and appreciating our differences*. Presented at the NAEYC National Conference, Dallas, TX.
- Moomaw, S., & Hieronymus, B. (1995, November). *More than counting*. Presented at the NAEYC National Conference, Washington, DC.
- Moomaw, S. (1994). *Music centers in early childhood classrooms*. Presented at the Music Educators National Congress (MENC), Cincinnati, OH.
- Moomaw, S., & Hieronymus, B. (1991, November). *Exploring mathematics in early childhood*. Presented at the NAEYC National Conference, Denver, CO.

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Dorsey, A., Hieronymus, B., & Moomaw, S. (1987, November). *Mathematics in early childhood education*. Presented at the NAEYC National Conference, Washington, DC.

Regional Conference Presentations

Moomaw, S. (2000, March). *More than counting*. Presented at the Midwest Association for the Education of Young Children Annual Conference, St. Louis, MO.

Moomaw, S. (2000, March). *Discovering music in early childhood*. Presented at the Midwest Association for the Education of Young Children Annual Conference, St. Louis, MO.

Jones, G. W., & Moomaw, S. (2000, March). *Native American cultures: Understanding our similarities and appreciating our differences*. Presented at the Midwest Association for the Education of Young Children Annual Conference, St. Louis, MO.

Moomaw, S., & Hieronymus, B. (1997, April). *More than counting*. Presented at the Midwest Association for the Education of Young Children Annual Conference, Grand Rapids, MI.

Jones, G. W., & Moomaw, S. (1997, April). *Native American cultures: Understanding our similarities and appreciating our differences*. Presented at the Midwest Association for the Education of Young Children Annual Conference, Grand Rapids, MI.

Moomaw, S. (1996, May). *More than counting*. Presented at the Midwest Association for the Education of Young Children Annual Conference, Lincoln, NE.

Moomaw, S. (1996). *More than counting*. Presented at the Kentucky Association for the Education of Young Children Annual Conference, Covington, KY.

State Conference Presentations

Moomaw, S. (2003, April). *Exploring diversity in ECE*. Presented at the Ohio Association for the Education of Young Children Annual Conference, Columbus, OH.

Elgas, P., Moomaw, S. & Prendeville, J. (2002, April). *Supporting second language learners in early childhood classrooms*. Presented at the Ohio Association for the Education of Young Children Annual Conference, Columbus, OH.

Moomaw, S. (2001, April). *More than letters: Literacy development in ECE*. Presented at the Ohio Association for the Education of Young Children Annual Conference, Columbus, OH.

Moomaw, S., & Hieronymus, B. (1997, April). *More than counting: Math development in early childhood*. Presented at the Ohio Association for the Education of Young Children Annual Conference, Dayton, OH.

Jones, G. W., & Moomaw, S. (1997, April). *Native American curriculum in early childhood education*. Presented at the Ohio Association for the Education of Young Children Annual Conference, Dayton, OH.

Moomaw, S., & Hieronymus, B. (1996, April). *More than counting: Math development in early childhood*. Presented at the Ohio Association for the Education of Young Children Annual Conference, Columbus, OH.

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Moomaw, S., & Hieronymus, B. (1995, April). *More than counting: Math development in early childhood*. Presented at the Ohio Association for the Education of Young Children Annual Conference, Columbus, OH.

Moomaw, S., & Hieronymus, B. (1990, April). *Mathematics in early childhood education*. Presented at the Ohio Association for the Education of Young Children Annual Conference, Cincinnati, OH.

Moomaw, S. (1986, April). *Music in early childhood*. Presented at the Ohio Association for the Education of Young Children Annual Conference, Cincinnati, OH.

***Presentations for Affiliate Associations of the
Ohio Association for the Education of Young Children (AEYC)***

Moomaw, S. (2012, November). *STEM Comes to Preschool*. Presented for the Cincinnati AEYC Professional Development Conference, Cincinnati, OH.

Moomaw, S. (2005, October). *Exploring diversity in early childhood education*. Presented for the Cincinnati AEYC Professional Development Conference, Cincinnati, OH.

Moomaw, S. (2005, October). *The ODE Math Tool Kit*. Presented for the Toledo AEYC Professional Development Conference, Toledo, OH.

Moomaw, S. (2004, March). *Mathematics curriculum standards*. Presented as the Keynote Speaker for the Tru-Mah-Col AEYC Professional Development Conference, Ashtabula, OH.

Moomaw, S. (2003, October). *Meeting Ohio Department of Education kindergarten mathematics Standards*. Presented at the Canton AEYC Professional Development Conference, Canton, OH.

Moomaw, S. (2002, March). *Meeting Ohio Department of Education literacy standards*. Presented at the Sandusky Valley AEYC Professional Development Conference, Fremont, OH.

Moomaw, S. (2001, October). *Diversity in early childhood education*. Presented at the Akron AEYC Professional Development Conference, Akron, OH.

Moomaw, S. (1998, October). *More than singing: Discovering music in early childhood*. Presented at the Cincinnati AEYC Professional Development Conference, Cincinnati, OH.

Moomaw, S., & Hieronymus, B. (1998, October). *Exploring science in early childhood*. Presented for the Dayton AEYC Professional Development Conference, Dayton, OH.

In-service trainings

Ohio Special Education Regional Resource Centers (SERRC) Presentations

Moomaw, S. (2007). *Nobody else like me: Diversity in early childhood*. Presented at the West Central SERRC, Wapakoneta, OH.

Moomaw, S. (2006, October). *The ODE Math Tool Kit*. Presented at the Pilasco-Ross SERRC, Portsmouth, OH.

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- Moomaw, S. (2006, August). *The ODE Math Tool Kit*.
Presented at the Southwest SERRC, Cincinnati, OH.
- Moomaw, S. (2006, June). *The ODE Math Tool Kit*.
Presented at the Mid-Eastern SERRC, Akron, OH.
- Moomaw, S. (2006, March). *The ODE Math Tool Kit*.
Presented at the South Central SERRC, Hopewell, OH.
- Moomaw, S. (2005, November). *The ODE Math Tool Kit*.
Presented at the Southwest SERRC, Cincinnati, OH.
- Moomaw, S. (2005, September and October). *The ODE Math Tool Kit*.
Presented at the South Central SERRC, Hopewell, OH.
- Moomaw, S. (2005, September). *The ODE Math Tool Kit*.
Presented at the Pilasco-Ross SERRC, Portsmouth, OH.
- Moomaw, S. (2004, August). *Early Childhood mathematics curriculum*.
Presented at the East Central SERRC, Zanesville, OH.
- Moomaw, S. (2003, February). *ODE curriculum standards*.
Presented at the Northwest SERRC, Bowling Green, OH.
- Moomaw, S. (2002, April). *Math and science curriculum in ECE*.
Presented at the North Central SERRC, Defiance, OH.
- Moomaw, S. (2002). *Early childhood curriculum standards*.
Presented at the West Central SERRC, Wapakoneta, OH.
- Moomaw, S. (2000, January and March). *Math and science in early childhood*.
Presented at the Northwest SERRC, Bowling Green, OH.
- Moomaw, S. (2000). *Discovering music in early childhood*.
Presented at the Central Ohio SERRC, Columbus, OH.

Local Trainings for School Districts, Head Starts, and Preschools

Biggs Learning Center
Butler County Head Start
Cincinnati Children's Hospital
Cincinnati Community Action Agency Head Start
Cincinnati Early Learning Centers
Cincinnati Public Schools
Cincinnati YMCA Early Childhood Programs
Clermont County Child Focus
Clermont County Head Start
Comprehensive Community Child Care
Fairfield City Schools
Hamilton County Head Start
Hamilton County Schools

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Hamilton County MRDD
 Kenton County Schools
 Milford City Schools
 Princeton Public Schools
 Northwest School District
 Norwood City Schools

Professional Service***Journal Editorship***

2012 - Associate Editor, *Journal for School Science and Mathematics*

National Reviews

- 2013 Brookes Publishing, endorsement of the book *Number Sense Interventions*, submitted 7/18/13
- 2013 Brookes Publishing, review of the book prospectus *Music and Mathematics in the Preschool Classroom: Using Music to Support Developmentally Appropriate Practice in the Infant, Toddler, and Preschool Classroom*, submitted 7/17/13.
- 2013 Brookes Publishing, review of the book prospectus *Supporting Young Problem Solvers: An Educator's Guide to STEM in Inclusive Early Childhood Settings* submitted 5/24/13.
- 2012 *Journal of Research in Childhood Education*, article review submitted 7/31/2012.
- 2012 Brookes Publishing, Content Validity Evaluator for the Assessment, Evaluation, and Programming System for Infants and Children (AEPS®), submitted July 14, 2012.
- 2012 *Journal of Research in Childhood Education*, article review submitted 04/21/12.
- 2012 Brookes Publishing, review of the book prospectus *Number Sense Interventions*, submitted 04/21/12.
- 2012 Brookes Publishing (review of the assessment *Number Sense Screener*, submitted 02/12/12).
- 2011 *Journal of Research in Childhood Education*, article review submitted 08/20/11.
- 2011 Brookes Publications (review of book prospectus on toddler math, submitted 07/29/11).
- 2011 Brookes Publications (review of book prospectus on math in-service training, submitted 06/22/11).
- 2011 Brookes Publications (curriculum review submitted 4/29/11).
- 2011 *School Science and Mathematics*, article review submitted 04/18/11.
- 2011 Brookes Publications (review of early childhood math book, submitted 01/21/11).

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- 2010 Brookes Publications (review of book on dual language learners, submitted 04/12/10).
- 2010 Brookes Publications (review of mathematics curriculum, submitted 02/26/10).
- 2010 *Teaching Children Mathematics*, peer review submitted 02/07/10.
- 2009 Corwin Press, review for a mathematics book prospectus submitted 09/18/09.
- 2009 Brookes Publications, review for a math book prospectus (08/12/09).
- 2009 *Teaching Children Mathematics*, (peer review submitted 01/01/09).
- 2008 National Research Council, reviewer for: Cross, C. T., Woods, T. A., & Schweingruber, Eds. (2009). *Mathematics learning in early childhood: Paths toward excellence and equity*. Washington, DC: National Research Council (10/10/08).
- 2008 Brookes Publications, review of a math book prospectus (11/11/08).
- 2007 *Journal of School Psychology*, peer review for mathematical research, 07/24/07.

Offices Held

- 2011- Kentucky Center for Mathematics Advisory Board, special advisor on early childhood mathematics
- 2004-08 Ohio Association for the Education of Young Children, Vice-President for Business Practices, Member of the Governing Board and the Executive Committee
- 2000-04 Ohio Association for the Education of Young Children, Governing Board Member and Chairperson of the Diversity Committee

Ohio Department of Education (ODE)

- 2012 Reviewer for PreK Math Standards, submitted 02/17/12
- 2012 Member of ODE Committee to align Mathematics Diagnostic Assessments to the Common Core Standards
- 2009-11 Member of ODE Mathematics Standards Revision Committee
- 2009-10 Ohio State University Research Foundation, Q-Net
- Developed two mathematics modules, each with 12 hours of training, for statewide professional training
 - Presented training seminar for Q-Net faculty
- 2004-07 Ohio State University Research Foundation, Q-Net
- Member of the development team for modules on Mathematics and Science Content Standards
 - Developed faculty training modules for Q-Net presenters
 - Presented training seminars for Q-Net faculty
 - Presented professional training across the state
- 2004-05 ODE Mathematics Tool Kit

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- Contracted by ODE to create the Mathematics Tool Kit, a teacher resource containing preschool mathematics materials aligned to Ohio Pre-K Content standards
- Created a PowerPoint presentation for state trainers to use
- Conducted training seminars for ODE professional development trainers

1998-99 Ohio Department of Education Model Competency-Based Mathematics Program for Preschool, member of the writing team

Service, University of Cincinnati

2013-14 University Faculty Senate

2012-13 STEM

- Grant Coordinator for Choose Ohio First – Scholarship Program (COF-SP)
- Coordinator of STEM Education Capstone
- Faculty Advisor, STEM Education Student Association

College of Education, Criminal Justice, and Human Services (CECH)

- School of Education (SoE) Graduate Council
- Graduate Student/Faculty Collaborative Research Grant proposal evaluator
- Graduate Faculty Status
- Faculty Marshall for April Graduation

Early Childhood Education (ECE)

- ECE Scholarship Committee
- Coordinator of ECE-HD Master's Program
- Teachers' Performance assessment (TPA) Planning, 39 students
- ECE Junior Orientation Committee

2011-12 STEM

- Grant Coordinator for Choose Ohio First – Scholarship Program (COF-SP)
- Faculty Advisor, STEM Education Student Association

CECH

- Dean's Doctoral Program Review Committee
- Faculty Peer Evaluation provided
- Graduate Faculty Status

ECE

- Faculty Advisor, Students for the Education of Young Children
- TPA Pilot, 26 students
- Semester Conversion work, ECE and Curriculum & Instruction (CI)
- ECE Master's program work

2010-11 STEM

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- Grant Coordinator for Choose Ohio First – Scholarship Program (COF-SP)
- Coordinator of STEM Education Capstone
- Faculty Advisor, STEM Education Student Association

CECH

- Division RPT Committee, School of Education
- Dean's Doctoral Program Review Committee
- Co-Chair, Faculty Search Committee, Mathematics Education
- Graduate Faculty Status

ECE

- Faculty Advisor, Students for the Education of Young Children
- TPA Pilot, 30 students
- Semester Conversion work, ECE and CI
- ECE Master's program work

2009-10 STEM

- Grant Coordinator for Choose Ohio First – Scholarship Program (COF-SP)
- FUSION STEMM Research Center Committee
- Taft/UC STEM School Partnership – ongoing collaborative work with preschool classrooms
- Coordinated the STEM Seminar for Choose Ohio First students

CECH

- Division RPT Committee, School of Education
- Retention Advisory Board
- Graduate Faculty Status

ECE

- Coordinator, Early Childhood Generalist Endorsement
- Faculty Advisor, Students for the Education of Young Children
- Videotaped 3 hours of music instruction for the online ECLC program

2008-09 STEM

- Grant Coordinator for Choose Ohio First – Scholarship Program (COF-SP)
- FUSION STEMM Research Center Committee
- Taft/UC STEM School Partnership – ongoing collaborative work with preschool classrooms
- Developed 7 courses for the PreK-6 Math Specialist Endorsement

CECH

- UC Education Council, committee to create links between the Clifton, Clermont, and Raymond Walters campuses
- Guest lecturer for Dr. David Barnett

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ECE

- Faculty Advisor, Students for the Education of Young Children
- 2007-08 UC Education Council,
Choose Ohio First Grant Development Committee
- 2002-08 Arlitt Research Fellows
- 2004-05 Clermont AEYC Club, Faculty Advisor
Search Committee for CECH tenure track faculty position
- 2003-04 Blue Ribbon Committee, to support Head Start teachers working toward bachelor degrees
ECE Birth-5 Steering Committee, for development of this new course strand
UC Bilingual Preschool Advisory Committee
- 1999-2004 Arlitt Summer Institutes
- Developed week-long Institutes in Math & Science, Literacy, and Art & Music for in-service teachers
 - Administered recruitment, enrollment, and grading
 - Co-Instructor for each of the Institutes
- 1999-2000 Early Childhood Learning Community (Distance Learning)
- Member of the development committee
 - Videotaped segments for advertising and orientation
- 1998-99 CECH CITE Program Development, member of the writing committee
- 1997-98 Native American Focus Group, committee formed to recruit Native American students from tribal colleges

Community Service

- 1996-2012 Miami Valley Council for Native Americans, Dayton, OH
- Presentations on Native American issues in education given at the local, state, and national level in conjunction with the Executive Director (ongoing)
- 1985-88 Fairview German Bi-Lingual School, Cincinnati, OH, GEBAS Board member
- 1983-84 Clifton Multi-Age School, Cincinnati, OH, PTA President

Professional Organizations

National Association for the Education of Young Children (NAEYC)
Ohio Association for the Education of Young Children (OAEYC)
Cincinnati Association for the Education of Young Children (CAEYC)
Association for Childhood Education International (ACEI)

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National Council of Teachers of Mathematics (NCTM)

Council for Exceptional Children (CEC)

American Educational Research Association (AERA)

School Science and Mathematics Association (SSMA)

National Science Teachers Association (NSTA)