Dr. Eugene Geist
Associate Professor

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Dr. Eugene Geist holds the B.A. in History and a MEd in Child Development and Early Childhood Education from the University of Cincinnati. He received his Ph.D. from the University of Alabama at Birmingham in Early Child Development and Education with a specialization in Piaget's Constructivism. Currently his is an associate professor. Dr. Geist has teaching responsibilities in the Early Childhood Education program and the Teacher Education Honors Program. His areas of expertise include child development, constructivism, and the development of mathematical knowledge in young children.

Publications and Intellectual Contributions:

Books:

Geist, E. (review) Combating Math Anxiety: What every Teacher Needs to Know, Heinemann

Geist K. & Geist E. A. (contract) Music and Mathematics in the Preschool Classroom: Using Music to support Developmentally Appropriate Practice in the Infant, Toddler and Preschool Classroom. Brookes Publishing.

Geist, E. (2009). Children are Born Mathematicians: Supporting Development in Young Children, (1st ed., pp. 398). Upper Saddle River, NJ: Prentice-Hall.
http://www.coursesmart.com/9780132081672?tocview=true

Geist, E. (2009). Instructors Manual for Children are Born Mathematicians: Supporting Development in Young Children, Upper Saddle River, NJ: Prentice-Hall. ISBN: 9780135126837

Chapters in Books:

Franklin, T., Sun Y., Yinger N., Anderson J. & Geist E. (2013) The Changing Roles of Faculty and Students When Mobile Devices Enter the Higher Education Classroom in *Pedagogical Applications And Social Effects of Mobile Technology Integration (Ed. Keengwe)*

Reprints as Chapters in Books:

Geist, K. , Geist E. & Kuznik, K. (2012) n Derry Koralek (Ed.), The Pattern of Music. Young Children. Spotlight on Math NAEYC: Spotlight on Children and Learning.

Geist, E. (2011) In Derry Koralek (Ed.), Spotlight on Infants and Toddlers: Infants and Toddlers Exploring Mathematics. NAEYC: Spotlight on Children and Learning.

Phillips, S.K., Duffrin, M.W. and Geist, E.A. (2004). Be a Food Scientist. An NSTA Press Journal Collection. Exploring the Natural Connections: Stepping up to Science and Math. NSTA Press. National Science Teachers Association.

Geist, E. (2002). Children are Born Mathematicians: Encouraging and Promoting Early Mathematical Concepts in Children Under Five. McGraw-Hill: Annual Editions - Early Childhood Education 02/03.

Geist, E. (2002). In Derry Koralek (Ed.), Spotlight on Math: Children are Born Mathematicians: Encouraging and Promoting Early Mathematical Concepts in Children Under Five. NAEYC: Spotlight on Children and Learning.

Recent Journal Articles (since 2007):

Geist E. & Barron, K. (in Review) Let's Make a Map. Young Children

Duffrin, M., Roseno, A., Carroway-Stage, V. & Geist, E. (in Press) Exploring Sunflower Seeds: A thematic approach to science inquiry. Young Children.

Geist, E., (in press) The iTod: Developmentally Appropriate use of Technology with Toddlers. Young Children

Geist, K. & Geist E. (2012) The use of Music to Enhance Mathematical Learning: A Review of the Literature. Music Therapy Perspectives 30(1).

Geist, E. (2012) A Qualitative Study of 2 olds interaction with pad based interactive technology. Journal of instructional Psychology 39(3).

Geist, K. , Geist E. & Kuznik, K. (2012), The Pattern of Music. Young Children. (January 2012).

Hsu, I-Chen & Geist, E. (2012) A qualitative examination of social interaction during cooperative computer activities. Education 134(1).

Geist, E. (2011) The Game Changer: Using iPads in College Teacher Education Classes. College Student Journal 45(4)

Henning, J., Weade, G., Geist, E. & Et Al (2011) Using Design Thinking to Turn Teacher Education "Upside Down": Implementing NCATE's Blue Ribbon Panel Report. Ohio Journal of Teacher Educators 24(2)

Duffrin M., Geist E. A. & Little J.R. (2011) Eating Up Math. Teaching Young Children Mathematics 17(9)

Geist, E. (2010) Reduce Math Anxiety! Focus on Elementary 23(1)

Geist, E., (2010) The Anti-Anxiety Curriculum: Combating Math Anxiety in the Classroom. Journal of Instructional Psychology 37(1) 24-31

Geist, E. & Geist, K. (2009). MathSTAAR Math and Music Additions to Head Start to Alleviate Achievement Risks preliminary findings from Head Start Trainings. College Student Journal 43(4)

Geist, E. & Hohn, J (2009) Encouraging Creativity in the Face of Administrative Convenience: How Our Schools Discourage Divergent Thinking. Education 130(1)

Geist, E. (2009) The Beat Goes On! Mathematics and Music with Young Children. Early Childhood Today, http://www2.scholastic.com/browse/article.jsp?id=3751207

Geist E.A. & Geist K. (2008) Music Integrated to Teach Emergent Math Concepts to Preschool Children. AMTA Early Childhood Newsletter. Volume 14, Summer 2008

Geist, E., King, M. (2008). Different Not Better: Gender Differences in Mathematics Education. Journal of Instructional Psychology, 35(1), 43-52.

Geist, E., Geist, K. (2008). Do Re Mi: That's how easy math can be: Music interventions to support mathematics concepts in infants, toddlers and preschoolers. Young Children 63(2) p20-25

Geist, E., Matthews, J. D. (2007). Opening DORRS: Helping future teachers analyze their teaching environments. Focus on Teacher Education 7(3).

Invited Presentations:

Geist, E. & Geist K. (planned for 2013) "Workshop on the Importance of Music in Cognitive Development" Merrill College Long Island, NY

Geist, E. (October 22-28, 2012) National Pedagogical University, "Workshop on Using Games and Projects to Promote Mathematical Thinking" Teziutlán, Puebla, Mexico.

Geist, E. (September 27, 2012) Teaching With Technology Mini-Conference "Blogs, Wiki's and Podcasts in the classroom" Athens, Ohio

Geist, E. (May 29 - June 1, 2012) Workshop on Common Core and Authentic Assessment for the K-8 Language Arts Teacher. Goodwell, OK.

Geist, E. (Nov 5, 2011) NCTM regional conference:"Emergent Mathematics: Mathematics instruction based on how children naturally learn" Albuquerque NM

Geist, E. (August 16, 2011) OU Faculty Showcase "Using Mobile Devices in the Classroom" Athens Ohio

Geist, E. (May 16, 2011) Ohio University Mobile Day "Using Mobile Devices in the Classroom" Athens Ohio

Geist, E. (May 5-7, 2011) Science of Student Success Conference - Chicago IL sponsored by Human Performance Lab at The University of Chicago, the Neuroscience Lab at Northwestern University, John Hopkins University School of Education. "Combating Math Anxiety in the Classroom" Chicago, IL

Geist, E. & Geist K. (July 1, 2010) Council of Franklin County, Inc. annual fall-staff conference "Workshop on the Importance of Math and Music" Geist, E. & Geist K. (October 12-14 2010) 2nd Congreso Internacional de Educación."Retos en la Educación Contemporánea" Cartagena de Indias, Colombia.

Geist, E. & Geist K. (March 27-29 2009) AMEI International Conference on Early Childhood Education "Developing Children's Logical Thinking" Guanajuato, Mexico

Geist, E., (October 2, 2007) 1st World Conference and 7th International Summit of Early and Preschool Education, UNESCO, The Organization of American States and The World Bank, "Children are Born Mathematicians: Encouraging and Promoting Early Mathematical Concepts in Children Under Five" Monterrey, Mexico. .

Geist, E., (March 22, 2007). Strategies and Methods of Education Conference Asociación Mundial de Educadores Infantiles,, "Children are Born Mathematicians," Morelia, Mexico.

Geist, E. (April 26, 2006). First International Conference on Logico Mathematical Thinking, "Children are Born Mathematicians: Encouraging and Promoting Early Mathematical Concepts in Children Under Five," Asociación Mundial de Educadores Infantiles, Madrid, Spain. (Keynote Presenter & Author)

Geist, E. Oxford Round Table (March 2004) "Children are Born Mathematicians: Encouraging and Promoting Early Mathematical Concepts in Children Under Five" Oxford England

Recent Peer Reviewed Presentations (Since 2007):

Geist, E., Anderson, J., & Rist, S., (May 9, 2012). OHECC Annual Conference, "Beyond the Cloud: Using Mobile Tablets in the Higher Education Classroom to Enhance Teaching and Learning" Toledo, OH

Geist, K., Geist, E., (Nov. 3 2011). NAEYC Annual Conference and Expo 2011, "Hitting the Right Note: Creating a Stimulating Mathematical Environment in the Home for Children Under the Age of Five through the Use of Music to Ensure Academic Success for All Students" Orlando FL

Geist, E., Henning, J., Wan, G., Middleton, R. (2011). AACTE 64th Annual Meeting & Exhibits "Turning Teacher Education "Upside Down": Implementing NCATE's Blue Ribbon Panel Report." Chicago, IL

Geist, E., Henning, J., Weade, G. (2011). AACTE 64th Annual Meeting & Exhibits “Turning Teacher Education “Upside Down”: Implementing NCATE’s Blue Ribbon Panel Report” Chicago, IL

Geist, K., Geist, E., (2010). NCTM Regional Conference 2010 - New Orleans, "Patterning and Algebra with Infants and Toddlers? It's as Easy as a Song" New Orleans, LA.

Geist, K., Geist, E., King M, (2010). NAEYC Annual Conference and Expo 2010, "Hitting the Right Note: Creating a Stimulating Mathematical Environment in the Home for Children Under the Age of Five through the Use of Music to Ensure Academic Success for All Students" Anaheim CA.

Geist, K., Geist, E., (2010). Ohio Early Care & Education Conference, "The Patterns of Music" Columbus Ohio.

Geist, K., Geist, E., (2008). NAEYC Annual Conference and Expo 2008, "Do Re Mi – That’s How Easy Math Can Be" Dallas TX.

Geist, K., Geist, E., (2007). AMTA National Conference, "Do Re Mi – That’s How Easy Math Can Be" Louisville, KY.

Geist, E., Geist, K., (2007). NAEYC Annual Conference and Expo, "Do Re Mi – That’s How Easy Math Can Be" Chicago, IL