

**Name** Marie Cheak, Ph.D.

**Department** Curriculum and Instruction

**Rank** Professor

1973 B.S. Elementary Education, Southern Illinois University at Carbondale  
1993 M.S. Curriculum and Instruction with a specialization in reading and language studies, Southern Illinois University at Carbondale  
1999 Ph.D. Curriculum and Instruction, with specializations in reading and language studies and environmental education, Southern Illinois University at Carbondale

### **Employment/Experience**

- **University Teaching**

1996-1998

Developmental reading for at-risk freshmen, Southern Illinois University at Carbondale

1999-Present

RDG 433 Introduction to Corrective Reading

RDG 553 Reading and Writing Through Inquiry

RDG 570 Teaching Reading in the Elementary School K-6

RDG 571 Assessment of Reading Abilities and Disabilities

RDG 573 Correction and Remediation of Reading Difficulties

RDG 587 Practicum in Reading K-6

RDG 589 Practicum in Reading 7-12

- **Public School Teaching**

1982-1984 Teacher, Grade Three, St. Andrews School, Murphysboro, Illinois

1977-1979 Teacher, Grade One, Oakwood Elementary School, Oakwood, Illinois

1973-1976 Teacher, Junior High Science, St. Bruno School, Pinckneyville, Illinois

- **Professional**

1993-1996 Administrative Assistant to the Director of Reading, Clinical Center Southern Illinois University at Carbondale, evaluating and designing programs of instruction in reading and writing for individuals ages 5-adult

1998 Program designer and evaluator for the Saluki Volunteer Corps, a student organization of Southern Illinois University at Carbondale.

1997-1999 Administrative Assistant at the Center of Instruction, Staff Development, and Evaluation, a non-for-profit education foundation, Carbondale, IL.

- **Research**

2008-2010. Co Principal Investigator with Alan Fortescue, Ph.D., Director of Education for the Earthwatch Institute International *Assessing Efficacy of*

*Teacher Fellowships in Promoting Post Expedition Learning Outcomes for Students.* A research study of national scope, May 2008-May 2010.

2006-2007 *Evaluating critical thinking skills of high school students in an inquiry based approach*, Molokai, with CISDE.

2001 *Evaluating critical thinking skills fifth and sixth grade students in a multi-age/inquiry/team taught context*, Molokai, with CISDE.

### **Publications/Scholarly/Creative Activities**

- **Refereed**

Cheak, M. J., Volk, T., & Hungerford, H. (2002). Molokai: An investment in children, the community, and the environment. The Center for Instruction, Staff Development, and Evaluation.

Cheak, M. J., (Fall, 2002). The promise of environmental education in enhancing literacy growth. *The Journal of Environmental Education*, 34(1), 4.

Cheak, M. J., Douglas, N. & Erickson, R. Three perspectives on critical thinking. *The American Reading Forum Yearbook* (21), 2001.

Volk, T.L. and Cheak, M.J. (2003). The effects of an environmental education program on students, parents, and community. *Journal of Environmental Education*, 34(4), 12-25.

- **Non-refereed**

Cheak, M. (Summer 2008). A review of the book *Participation Learning: Perspectives on education and the environment, health and sustainability*. *Journal of Environmental Education*.

Cheak, M. & Wessel, J. (2005). Research in reading: Motivation. *Illinois Reading Council Journal*, 33 (3). 60-63.

Cheak, M. & Wessel, J. (2005). Research in reading: Informational texts in every classroom. *Illinois Reading Council Journal*, 33(2). 65-68.

Cheak, M. & Wessel, J. (2005). Research in reading: A report on current research in the field of literacy. *Illinois Reading Council Journal*, 33(4), 65-68.

Cheak, M. & Wessel, J. (2005). Research in reading: Reading cereal boxes and parent involvement. *Illinois Reading Council Journal*, 33(1). 80-83.

Cheak, M. J., Volk, T. & Hungerford, H. (2002). *Molokai: An investment in children, the community, and the environment*. [Monograph]. The Center for Instruction, Staff Development, and Evaluation, Carbondale, IL.

## Conference Presentations

- **Refereed**

Cheak, M. J. *Critical thinking of high school students in classrooms of teachers engaged in Earthwatch expedition experiences*. Research Symposium, North American Association of Environmental Educators 2010 Annual Conference, Buffalo, NY, September 29, 2010.

Cheak, M. J. *Using technology to integrate literacy and science*. State Science Conference Carlinville, IL. February, 2005.

Cheak, M. J. & Volk, T. L. *Teaching for apples and measuring for apples* North American Association of Environmental Educators 2004 Annual Conference, Biloxi, MI, November 8, 2004.

Cheak, M. J. & Logan, L. *Deaf listeners to astrophysicists: The need for in-depth inquiry to develop comprehension and enhance knowledge structures*. The American Reading Forum Annual Conference, Sanibel Island, FL, December 11, 2004.

Cheak, M. J. *Molokai: The development of multi-dimensional literacy in an inquiry based program of instruction*. The American Reading Forum annual Conference, Sanibel Island, FL, December, 2003.

Cheak, M. J. *Molokai: Empowering students through multi-dimensional literacy*. International Reading Association Annual Conference, Orlando, FL., May 4-8, 2003.

Cheak, M. J. *A critical thinking test for environmental education*. North American Association for Environmental Education Annual Conference, Boston, Massachusetts, August 6-10, 2002.

Cheak, M. J. *Molokai: An investment in the future*. North American Association for Environmental Education Annual Conference, Boston, MA, August 8, 2002.

Cheak, M. J. *The development of a critical thinking test for EE*. The American Reading Forum Annual Conference, Sanibel Island, FL, December 8, 2001.

Cheak, M. J. *Assessment of critical thinking skills in EE*. North American Association for Environmental Education Annual Conference, Little Rock, AR, October 11-15, 2001.

Cheak, M. J., Erickson, R., & Douglas, N. L. *A critical look at critical thinking: Implications for teaching and testing*. The American Reading Forum Annual Conference, Sanibel Island, FL, December 7, 2000.

Cheak, M. J. *Measurement of critical thinking in environmental education*. North American Association for Environmental Education Annual Conference, South Padre Island, TX, October 21, 2000.

Cheak, M. J. & L. Logan. *Wolf issues: An interdisciplinary approach to teaching students higher order thinking skills in environmental education*. The Missouri Environmental Education Association and Office of Environmental Education Fifth Annual Conference on Environmental Education, November 11, 2000.

Cheak, M. J. & L. Logan. *Cry Wolf! Teaching students higher order thinking skills in EE*. The Environmental Education Association of Illinois Annual State Conference, May 4, 2000.

- **Non-refereed**

Cheak, M. J. Keynote Address: *The Relationship between educational reform movements in formal education and EE*. The First Illinois State Environmental Education Leadership Clinic, Findley, IL, November 10, 1999.

Cheak, M., & L. Logan. *The big bad wolf: Tracing the tracks of inquiry*. An invitation (proposal not submitted) to present at the Eleventh Annual Regional Office of Education Science Educator's Conference, Carlinville, IL, February 6, 2002.

Cheak, M. J. *Critical thinking: An interdisciplinary approach for grades 4-6*. Science in the South, the 5<sup>th</sup> Annual Regional Conference on Science Education, Southern Illinois University Carbondale, IL, March 9, 2001.

Cheak, M. J. *Critical thinking: An interdisciplinary approach for grades 7-8*. Science in the South, the 5<sup>th</sup> Annual Regional Conference on Science Education, Southern Illinois University Carbondale, IL, March 9, 2001.

Cheak, M. J. *Outstanding women: Rachel Carson*. Western Illinois University Regional Center Cross-Cultural Educational Programs on Outstanding Women. Black Hawk College, Moline, IL, March 30, 2000.

Cheak, M. J. *Science, literacy, and educational reform*. Illinois Science Teachers Association Fourth Annual Science in the South Regional Conference on Science Education. Carbondale, IL, March 10, 2000.

## **Professional and Academic Service**

- **National**

Book Editor, the *Journal of Environmental Education*, 2008.

Member of the editorial board of the *Journal of Environmental Education*, 2008.

Member of the editorial board of the *Journal of Environmental Education*, 2007.

Member of the editorial board of the *Journal of Environmental Education*, 2006.

Member of the editorial board of the *Journal of Environmental Education*, 2005.  
Associate Editor, The Illinois Reading Council Journal, 2005.  
Member of the editorial board, *Thinking Classroom*, 2005,  
Member of the editorial board, *Thinking Classroom*, 2004,  
Proposal Review Committee, American Reading Forum, 2004.  
International Project Committee, American Reading Forum, 2004.  
Editorial Advisory Committee, American Reading Forum, 2004.  
Member of the Editorial Board, of the *Journal of Environmental Education*, 2003.  
Editorial Advisory, The American Reading Forum, 2001

- **Regional**

*DOLL: Dialogue oriented language learning.* Development of a training delivered to State of Illinois Migrant Head Start teachers, May, 2008.

Sucasa Migrant Headstart, Cobden, IL. Consultation on analyzing data. October, 2007.

Sucasa Migrant Headstart, Cobden, IL. Observation in the classrooms birth-4 years. Consultation on aligning standards, data results, and teacher behaviors. October, 2007.

Sucasa Migrant Headstart, Cobden, IL. DOLL: Dialogue oriented language learning, birth – 4 years to enhance language development of bilingual preschool children. October, 2007.

Sucasa Migrant Headstart, Cobden, IL, Aligning teacher behaviors in response to assessment data toward literacy development of bilingual preschool children, October, 2007.

Sucasa Migrant Headstart, Cobden, IL. Modeled use of effective materials to enhance oral language development and literacy development of bilingual preschool children, October, 2007.

Jeanine Wilker Doctoral Committee. Fall, 2004.

Jeanine Wilker Panel Expert for Validity and Reliability, Fall, 2004

Validity Panel expert for the revised edition of The Middle School Environmental Literacy Instrument, 2004.

Rock Island School District, Workshop on Aligning Instruction with Assessment, to district reading specialists, Summer, 2003.

Hawthorne Irving Elementary, Consultant for Assessment and Instructional Design, 14 Workshops, Spring Semester, 2003.

ICARE Summer Institute, Aligning Curriculum and Assessment, SIDEZ Consortium, August 6, 2002.

ICARE Summer Institute, Assessment, k-3, Rock Island, August 1, 2002.

Black Hawk College Family Literacy workshop on motivation and struggling readers, April 19, 2002.

Black Hawk College Family Literacy workshop materials Reading difficulties, March, 2002.

Geneseo Community Unit School District #228, "Evaluating the district's reading instruction program." March 3, 2000.

Development of an evaluation tool for Geneseo, Illinois school districts to facilitate the redesign of the current reading program. Distributed to two school districts March 3, 2000, December 11, 2000.

### **Professional Memberships/Affiliations**

International Reading Association  
National Council Teachers of English  
North American Association of Environmental Educators  
American Reading Forum