

# Faculty Vita

<b>Faculty:</b>	Kathleen Diane Conway	<b>Department:</b>	Elementary, Early, and Special Education
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<b>Rank:</b>	Associate Professor	<b>Phone:</b>	573-2445
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## Educational Background

Degree	Date Awarded	Institution
Ph.D.	1996	Southern Illinois University
M. A. T.	1975	Lewis and Clark College, Portland, OR
B. S.	1971	Portland State University

## Employment History

Position	Year/s	Employer	Responsibilities
Associate Professor	2002-present	Southeast Missouri State University	Teaching, research, service
Assistant Professor	1997-2002	Southeast Missouri State University	Teaching, research, service
Supervisor	Spring 1997	Southeast Missouri State University	Supervision of Student Teachers
Supervisor	Fall 1996	Southeast Missouri State University	Coordination of Supplemental Instruction Program for College Algebra
Instructor	1996	Southeast Missouri State University	Teaching Math Methods

## Monographs/Chapters

Conway, K. D. (2007). Enhancing the Appreciation of Pre-service Teachers for Religious Diversity. In Benton, J. E. & Swami, P. (Eds.), *Creating Cultures of Peace: Pedagogical Thought and Practice*. World Council for Curriculum and Instruction.

Conway, K. D. (2007). Enhancing an Appreciation for Cultural Diversity Among Pre-service Teachers and Promoting Techniques for Teaching It. In L. Hufford, & T. Pedrajas (Eds.), *Educating for a Worldview: Focus on Globalizing Curriculum and Instruction* (189-197). Lanham, MD: University Press of America, Inc.

Journet, A. R. P., & Conway, K. D. (2005). Skill Building - Using scientific inquiry to discover natural laws: The process of science in a jumbo universe. In Silverthorn, D., Johnson, B. & Mills, A. C. (Eds.), *Laboratory Manual for Physiology - Custom Laboratory Program* (p. 405-409). Pearson Education, Inc.

## Articles

Journet, A. R. P., & Conway, K. D. (2006, December). Restoring Tropical Moist Forest in Northwestern Costa Rica. *Interdisciplinary Environmental Review*, 8(2), 12-31.

Gordinier, C., Conway, K. D., & Journet, A. R. P. (2006, Spring). Facilitating Teacher Candidate's Reflective Development through the Use of Portfolios, Teacher Work Sample, and Guided Reflections. *Teaching and Learning: The Journal of Natural Inquiry and Reflective Practice*, 20(2), 89-105.

Waddle, J.L. & Conway, K.D. (2005, March 12). School Reform through a School/University Partnership *Current Issues in Education* [On-line], 8(8). Available: <http://cie.ed.asu.edu/volume8/number8/>

Journet, A. R. P., & Conway, K. D. (2005). Recruitment Foci Study Update: Survival and Growth of Figs Planted in an Abandoned Pasture (Costa Rica). *Ecological Restoration* 23 (3), 197.

Gordinier, C., Moberly, D. A., & Conway, K. D. (2004, Spring). ACEI Exchange - Scaffolding Enables Reflective Thinking to Become a Disposition. *Childhood Education* 80(3), 146.

Moberly, D. A., Conway, K. D., & Ransdell, M. (2002). Helping Teacher Candidates Become Reflective About Their Practice. *Childhood Education* 78(3), 160F, 160L.

Journet, A. R. P., & Conway, K. D. (2002). Introduction of Figs in Abandoned Pastures May Promote Recovery of Tropical Moist Forest Species (Costa Rica). *Ecological Restoration* 20(1), 49-50.

Conway, K. D. (1999). Assessing open-ended problems. *Mathematics Teaching in the Middle School*, 4(8), 510-514.

## Presentations

### National and International

Conway, K. D. (2008, July). *Increasing Teacher Candidates' Use of Cooperative Learning in Practice Teaching*. Presented at the Improving University Teaching 33<sup>rd</sup> International Conference, Glasgow, Scotland

Conway, K. D. (2008, February). *Encouraging the Use of Cooperative Learning by Teacher Candidates*. Presented at the Association of Teacher Educators 2008 Annual Meeting, New Orleans, LA

Ray, J. A., Sautter, A., Conway, K. D., & Daller, A.. (2007, November). *Bridging the Gap Between Teacher Candidates' Competencies and Teacher Licensure Exam Results*. Presented at the Kappa Delta Pi Convocation, Louisville, KY. We equally planned and contributed to the presentation.

Conway, K. *Invited Discussant*. (2006, January). *Symposium – Creating New Visions through Portfolio Research: Reflective Practice, Portfolio Evaluation, and Program Improvement*. Presented by George Mason University and University of North Dakota at the 58<sup>th</sup> Annual Meeting and Exhibits of the American Association of Colleges for Teacher Education (AACTE), San Diego, CA.

Ray, J. A., Conway, K. D., & DeLine, M. A. (2005, November). *Effective Teaching Strategies for Today's College Classrooms: Say goodbye to lectures*. Presented at the Kappa Delta Pi Convocation, Orlando, FL.

Gordinier, C., & Conway, K. (2005, March). *Pay It Forward: moving from task to process with reflection*.

Presented at the Association for Childhood Education International Conference, Washington, DC.

Gordinier, C., & Conway, K. (2005, February). *Using Computer Simulation (SimSchool) to Promote Teacher Work Sample Skills*. Presented at the 2005 Annual Meeting and Exhibits of the American Association of Colleges for Teacher Education (AACTE), Washington, DC.

Waddle, J., & Conway, K. (2004, August). *School Reform through a School/University Sponsorship: A Case Study*. Presented at the 58<sup>th</sup> Annual Summer Conference of the National Council of Professors of Educational Administration, Branson, Missouri.

Conway, K. D. (2004, July). *Enhancing an Appreciation for Cultural Diversity Among Pre-service Teachers and Promoting Techniques for Teaching It*. Presented at the 11<sup>th</sup> Triennial International Conference of the World Council for Curriculum and Instruction (WCCI), Wollongong, Australia.

Moberly, D. A., Conway, K. D., & Gordinier, C. (2004, April). *Teacher Candidates Develop the Disposition of Reflective Thinking and Practice*. Presented at the Association for Childhood Education International Conference, New Orleans, LA.

Conway, K. D., & Gordinier, C. (2004, February). *Facilitating Teacher Candidate Development Through the Use of Portfolios, Guided Reflections, and the Teacher Work Sample*. Presentation at the 2004 Annual Meeting and Exhibits of the American Association of Colleges for Teacher Education (AACTE), Chicago, IL.

Conway, K. D., Ray, J. A., & Stuever, A. (2003, November). *Teacher Work Sample: A New Way to Develop a Unit*. Presented at the Kappa Delta Pi 44<sup>th</sup> Biennial Convocation, St. Louis, MO.

Moberly, D. A., & Conway, K. D., (2003, April). *Preservice Teachers Reflective Thinking: Facilitating the development of this Skill and Related Dispositions*. Presented at the Association for Childhood Education International Conference, Phoenix, AZ.

Conway, K. D., & Moberly, D. A. (2003, February). *Examining Reflection as a Skill and Disposition*. Presented at the Association of Teacher Educators 83<sup>rd</sup> Annual Meeting, Jacksonville, FL.

Moberly, D. A., & Conway, K. D., (2002, April). *Developing the Reflective Practitioner*. Presented at the Association for Childhood Education International Conference, San Diego, CA.

Conway, K. D., & Moberly, D. A. (2002, February). *Using the Portfolio Process for Accountability: Preservice Teachers Reflect Upon State Standards*. Presented at the Association of Teacher Educators 82<sup>nd</sup> Annual Meeting, Denver, CO.

Conway, K. D. (2001, September). *Enhancing the Appreciation of Pre-service Teachers for Religious Diversity*. Presented at the Tenth Triennial World Conference: Pedagogy of Diversity Creating a Culture of Peace, Madrid, Spain.

Conway, K. D. (2001, August). *Using State Standards to Promote Reflection on Characteristics of Effective Teaching*. Paper presented at the Association of Teacher Educators, Portland, Oregon.

Conway, K. D. (2001, May). *Scientific Investigation in the Early Years: A USA Perspective*. Paper presented at the National Association for Primary Education, Sketty Park, Swansea, Wales.

Conway, K. D. (2000, August). *Using Portfolios and Reflections with the Missouri Standards for Teacher Education Programs to Ensure Quality Field Experience and the Development of Quality Teachers*. Presented at the Association of Teacher Educators, Ottawa, Canada.

Conway, K. D. (1997, November) *Using Portfolios and Reflections with the Missouri Standards for Teacher Education Programs to Ensure Quality Field Experience and the Development of Quality Teachers* presented at Summer Conference of the Association of Teacher Educators, Ottawa, Canada. August 5-9, 2000.

Conway, K. D. (1997, November) *Incorporating Open-ended Problems through the Open Approach into the Middle School Classroom* presented at the School Science and Mathematics Association 1997 Annual National Conference, Milwaukee, Wisconsin, November 13-15, 1997.

## **Regional**

Conway, K. D., & Avis, A. (2002, October). *Algebra: It Isn't Just for High School*. Presented at the National Council of Teachers of Mathematics Western Regional Conference, Paducah, Kentucky.

Conway, K. D. & Watkins, P. (2000, October). *The Internet and Hyperstudio: Close the Gap between Preservice Elementary School Teachers and Distant Students* presented with P. Watkins at National Council of Teachers of Mathematics Western Regional Conference, Omaha, Nebraska.

Conway, K. D. (1998, October). *Using the Open approach with Open-Ended Problems to Implement the NCTM Standards in the Classroom*, presented at the Joint Conference: National Council of Teachers of Mathematics Central Regional Conference and School Science and Mathematics Association Annual Conference, Louisville, Kentucky.

## **State**

Conway, K. D. (2004, January). *Zero Sometimes Makes a Difference*. Presented at the Missouri Mathematics Academy Regroup, Drury University, Springfield, Missouri.

Conway, K. D. (2000, February). *Using the Internet and Hyperstudio to Close the Gap Between Preservice Elementary Teachers and Distant Elementary Students*. Presented at the Illinois Council of Teachers of Mathematics, Carbondale, Illinois.

Conway, K. D. (1999, February). *Mathematics Activities Designed to Enhance Success on Assessment Using Performance Tasks* presented at Interface 1999, Lake Ozark, Missouri.

Conway, K. D. & Anderson, C. (1998, December). *Results of a Summer Course to Develop performance Tasks for ALL Students*, presented at the Missouri Council of Teachers of Mathematics Fall Conference, Columbia, Missouri.

Conway, K. D. & Korn, K. (1998, November). *Observations on Oobleck: Using the Dr. Seuss Substance to Encourage Scientific Thinking*, presented at the Primary Conference: Building the Foundation, Osage Beach, Missouri.

Conway, K. D. (1997, December). *Implementing the NCTM Standards in the Middle School Mathematics Class by Using the Open Approach and Open-ended Problems* presented at the Missouri Council of Teachers of Mathematics Fall Conference, Columbia, Missouri.

## **Local**

Bratberg, W. & Conway, K. D. (2007, March). *Praxis Tips*. Presented at the Alpha Eta Chapter of Kappa Delta Pi, Southeast Missouri State University, Cape Girardeau, Missouri.

Conway, K. D. (2007, March). *Basic Elements of Cooperative Learning*. Presented at the Math Institute Regroup, (Making Connections in Math and Science) Southeast Regional Professional Development Center,

Southeast Missouri State University, Cape Girardeau, MO.

Conway, K. D. (2000, May). *The Open Approach Used in Japanese Schools: Can it work for you?* presented for the College of Education, Cape Girardeau, Missouri.

Conway, K. D. (1998, October) *Writing Performance Tasks for Mathematics Classes* presented at 1998 Annual Fall Math, Science, and Technology Conference, Southeast Missouri State University, Cape Girardeau Missouri.

### Grants

Year	Funding Agency	Title of Grant	Amount
2007	Kent Library Program Development Fund, Southeast Missouri State University	<i>Block I Videos</i>	\$635.00
2005	Grants and Research Funding Committee	<i>Assessing the Growth and Survival of Transplanted Figs (Ficus spp.) for the Restoration of Tropical Moist Forest in Abandoned Cattle Pastures in Northwestern Costa Rica</i>	\$2,597 (Co-Author)
2005	Funding for Results – Campus Initiative	<i>SoTL Fellows Program: Enhancing Student Learning Through Classroom Innovation</i>	\$25,750 (Co-Author)
2002	Kent Library Program Development Fund	<i>Science and Literature Materials Grant</i>	\$2,045
2002	Kent Library Program Development Fund	<i>Increasing an Understanding of Diversity through World Religions</i>	\$311.03
2001	Missouri Department of Elementary and Secondary Education	<i>+1/-1 MCTM Pre-conference</i>	\$700
1999	Department of Elementary and Secondary Education	<i>+1/-1 MCTM Pre-conference</i>	\$700.00
1998	Kent Library Program Development Fund, Southeast Missouri State University	<i>Key Math Diagnostic Inventory of Essential Mathematics Manuals</i>	\$313.72
1998	Department of Elementary and Secondary Education	<i>Improving Mathematics In Missouri (IM)<sup>2</sup>: Phases I and II.</i> (Member of Writing Team)	\$60,000.00
1998	Missouri Eisenhower Professional Development Program	<i>The Development of an Electronic Data Bank of Performance Tasks in Mathematics for ALL Students.</i>	\$54,151.00
1997	Center for Assessment and Research in Education (CARE)	<i>Using Videodisc to enhance Problem Solving Skills in Teacher Education Candidates</i>	\$850.00

### Student Paper Advising

Year	Role/Title of Paper
2007	Thesis Chair “Using Interventions from Brain Research and Cooperative Learning to Improve Student Performance in the Mathematics Classroom”
2006	Thesis Committee Member “Comparing Self Perception of Competency among New Associate and Baccalaureate Degree Registered Nurses Employed in a Rural Hospital”
2006	Thesis Committee Member “‘Friendsickness’ and the Establishment of a Social Network for First Year College Students”

2006	Thesis Committee Member "Comparison of Stepparents and Traditional Parents Perceived Roles"
2005	Action Research Committee Member "The Effectiveness of Reading/Fluency Strategies in Addition to the Accelerated Reading Program"
2005	Chair Action Research Committee "The Impact of Daily Phonemic Awareness Activities on English Language Learners Phonemic Awareness Skills"
2005	Chair Action Research Committee "The Effectiveness of Leveled Reading Groups"
2005	Chair Graduate Paper "The Effects of Computer Assisted Learning on Student Achievement"
2003	Chair Graduate Paper "Factors that Influence Achievement in Title I Math Students"
2003	Graduate Paper Reader "Balanced Literacy in Primary Elementary Education"
2003	Graduate Paper Reader "The Four Block Literacy Framework"
2000-2001	Thesis Committee Member "Reading Recovery"
2000	Thesis Committee Member, "Pragmatic Differences between Only Children and Children with Siblings"
1999	Graduate Paper Reader "Serving Gifted Students in Regular Classrooms"
1999	Thesis Committee Member "A Review of Literature: Curriculum Compacting: Is it the answer?"

### Professional Credentials

Year	Credential/Activity
2004	State of Missouri Public School Teacher's Certificate 1-6 (Initial PC )
1985	State of Missouri Public School Teacher's Certificate 7-12 Mathematics (Lifetime)

### Professional Service Activities

Year	Service Activity
2007 - present	<i>Southeast Missouri Climate Protection Initiative. Role: Co-Founder and Facilitator</i> The Southeast Missouri Climate Protection Initiative is a non-partisan community organization dedicated to promoting activities in Southeast Missouri that will reduce to the extent possible and feasible the release of greenhouse gases into our global environment.
2006 – present	CASTL (Carnegie Academy for the Scholarship of Teaching and Learning) Institutional Leadership Team, Southeast Missouri State University. <i>Role: Member</i>
2004 - present	Portfolio/Teacher Work Sample Merger <i>Role: Committee member, Presenter</i>
2002– present	Association for Childhood Education International <i>Role: Program Reviewer, Member &amp; Chair of Public Affairs Committee, Treasurer Missouri Branch</i>
2002 - present	Scholarship of Teaching and Learning <i>Role: Member Teaching Associates, Session Facilitator, SoTL Fellow, SoTL Associate</i>
1997-present	Kappa Delta Pi (International Honor Society in Education <i>Role: Advisor of local Chapter, Member of International Membership Committee, Member of 44<sup>th</sup> Biennial Convocation Planning Committee</i>
1997 – 2006	Cape Civic Center After School Program <i>Role: Coordinator of Volunteers</i>
2005	Shawnee Elementary South School, McClure Illinois <i>Role: Consultant (Data Analysis)</i>
2005	Missouri State Team-Department of Elementary & Secondary Education <i>Role: Program Reviewer</i>
2002 – 2005	Missouri Mathematics Academy <i>Role: Consultant &amp; Mentor</i>
2000 – 2005	Bilinguals Advanced to Strengthen Education (BASE) Grant <i>Role: Project Coordinator</i>
1998 – 2003	Improving Mathematics in Missouri Grant. (West St. Francois County schools & Marquand-Zion R-VI schools) <i>Role: Team leader &amp; Team member</i>
	Missouri Council of Teachers of Mathematics +1/-1 Fall Pre-conference, Columbia, MO <i>Role: Pre-conference Chair</i>
1999 - 2000	

1993 – 1998

Interface conference on Mathematics, Science, and Technology (State Department of Elementary and Secondary Education) *Role: Steering Committee*