

VITA

M. JAYNE FLEENER

EDUCATION

- Ph.D. Curriculum and Instruction, University of North Carolina at Chapel Hill, December, 1988
Dissertation: *Using the computer as an instructional tool to aid in mathematical problem solving*
- M.A.T. Mathematics, University of North Carolina at Chapel Hill, August, 1983
- M.A. Philosophy, University of North Carolina at Chapel Hill, August, 1980. Thesis:
Epistemology of mathematics
- B.A. Philosophy, Indiana University at Bloomington, May, 1978

FACULTY AND ADMINISTRATIVE APPOINTMENTS

- 2004-present E.B. "Ted" Professor and Dean, College of Education, Louisiana State University, Baton Rouge, LA
- 1999-2004 Associate Dean for Research and Graduate Studies, College of Education, University of Oklahoma, Norman, OK
- 2001-2004 Professor, Department of Instructional Leadership and Academic Curriculum, University of Oklahoma, Norman, OK
- 1995-2001 Associate Professor, Department of Instructional Leadership and Academic Curriculum, University of Oklahoma, Norman, OK
- 1989-1995 Assistant Professor, Department of Instructional Leadership and Academic Curriculum, University of Oklahoma, Norman, OK
- 1985-1989 Teacher, Departments of Mathematics and Computer Science, Durham Academy, Durham, NC
- 1983-1985 Teacher, Departments of Mathematics and Computer Science, Durham City Schools, Durham, NC. (Department Chair: 1984-1985)

RESEARCH

Grants

External Grants and Contracts

LSU

1. East Baton Rouge Parish School System, 02/01/2008 – 06/30/08, *East Baton Rouge CAN! Assessment*, PI (with Suzan Gaston, PD), \$19,971.
2. Louisiana Board of Regents – BOR, 08/17/2007 – 06/30/08, *Value-Added Teacher Preparation Qualitative Research Study*, PI, \$28,500.
3. US Department of Education, 2006, *GEAR UP LSU*, PI (with Suzan Gaston, PD), \$5,395,948.
4. Learn and Serve America, 2006-2008, *LSU Ready & Response Service Team*, PI, \$135,000.
5. Point Coupee Parish Schools, 2006, *LSU TIPS Partnership Subcontract*, PI, \$38,265
6. LA Board of Regents, 2006, *Literacy Across the Curriculum Subgrant*, PI (with Patti Exner, PD), \$5,000
7. LA Department of Education and the Pointe Coupee Parish Schools, 2006, *Louisiana FIRST Online TIPS*, PI (with Patti Exner, PD), \$38,265
8. LA Board of Regents, 2005, *Teacher Preparation Accountability System Professional Development Reward (2005-2006)*, PI, \$10,000.
9. LA Systemic Initiatives Program (LASIP), 12/07/05, *M.A.T.H. 2006: Mathematics and Assessment Taught Hands-On*, Co-PI (Nell McAnelly PI), \$188,317.
10. LA Board of Regents, 2005, *Value-Added Teacher Preparation Program Assessment Model*, PI, \$50,000
11. Southern Association of Colleges and Schools, 2007, *SACS/CASI Support Staff*, PI, \$6,000
12. Southern Association of Colleges and Schools, 2006, *SACS/CASI Support Staff*, PI, \$6,000
13. Southern Association of Colleges and Schools, 2005, *SACS/CASI Support Staff*, PI, \$6,000

University of Oklahoma

1. 2003 NCLB Title II, 2003, *Data-Driven Decision-Making Professional Development for Oklahoma Urban Preservice and Inservice Educators*, Co-PI (with Carla Thompson, David Garner), \$48,037.
2. 2003 NCLB Title II, 2003, *Teacher Increased Content Knowledge Equals Student Achievement in Mathematics (TICK=SAM)*, Research Consultant (Co-PI's Mary Stewart & Sacra Nicholas), \$91,139
3. Service Provider, *Mathematics Tutoring Program*, NCLB Title I through Oklahoma City Public Schools, (PI/PD), \$7,689
4. Oklahoma State Regents for Higher Education, *CITYs: Computer Integrated Technology Services for Preservice and In-service Teachers*. (PI), \$16,000.
5. National Science Foundation, 2003-2006, *PGE/RES Why Does It Work? A Study of Successful Gender Equity in Industrial Engineering at the University of Oklahoma*, Co-PI (Teri Jo Murphy, PI/PD), \$990,000.
6. Hitachi Corporation, 1999 - 2002, *Internet-based Training for Teachers to Develop and Implement Multimedia Technologies*, Co-PI, (with Kurt Gramoll, Engineering), \$253,497.
7. SMARTer Kids PREP Grant for SMART Products, (PD), \$1748 (with additional funding of \$750 from the College of Education Technology Committee).
8. Oklahoma State Regents for Higher Education Title II Eisenhower Grant, 1999, *Programmatic Professional Partnerships (P3): Professional Development through Multi-networked Collaborative Inquiry and Graduate Work in Mathematics Education*, PD, (PI Jim Gardner), \$212,890, three years

9. U.S. Department of Education, 1999-2005, *Gear-Up for Success in College*, (Alan Ingram , Oklahoma City Schools, PI/PD), University of Oklahoma Partner PI/PD, initial award of \$15,000,000 to OKPS (subcontract rate for OU about \$125,000/ year with over \$600,000 in expenditures through 2003-2004).
10. Oklahoma State Regents for Higher Education Title II Eisenhower Grant, 1995, *Mathematics and Science Teaching and learning through Computer Mediated Communications*, PI/PD, \$28,540.
11. Southwestern Bell Foundation Headquarters, 1993, *Technology in the Teaching and Learning of Mathematics: Project for the Integration of Calculators and Cooperative Learning (PICAC) in Intermediate Mathematics*, Co-PI/PD (with Dr. Pamela Fry), \$9,999.
12. Oklahoma State Regents for Higher Education Title II Eisenhower Grant, 1992, *Problem Solving Through Mathematical and Computer Modeling*, Co-PD (with Drs. Linda Norton & Curtis McNight), \$50,000.
13. Oklahoma State Regents for Higher Education, Title II Eisenhower, Quality Incentive Grant, 1991-1992, *Immediate Introduction of Calculator Graphics into Oklahoma Middle School Mathematics Classrooms*, Curriculum Specialist and Conference Coordinator, (PI/PD Dr. Andy Magid), \$11,484 (with matching funds from CASIO of \$456,000).
14. Oklahoma State Regents for Higher Education Title II Eisenhower Grant, 1991, *Problem Solving Through Mathematical and Computer Modeling*, Associate Co-director, (PI/PD Dr. Linda Norton), \$30,000.

Combined Internal/External Grants

Sooner Counts Mathematics Tutoring, PD, 1999-2004, \$20-25K per year, combined funding from the Oklahoma State Regents, Department of Education Gear-Up, OU Financial Aid, OU College of Education Dean's Office, and OU Department of Instructional Leadership and Academic Curriculum. (Each year, we piece together funding for this program from these various sources. In addition to these direct funds, we generate funds for student tutors through the Federal Work Study program. During the 2000-2001 school year, for example, we generated almost \$54,000 of Federal Work Study money to support our student tutors.)

Note: Service and Teaching grant activities are listed under Service and Teaching Categories.

Publications

In Press

- Forehand, C. & Fleener, M.J. (in press). Creativity and Doll's Three S's: Songs Without End and Selves Without Boundary
- Fleener, M.J., Jewett, L., Smolen, J., Carson, R. (in press). Creating Spaces for Service Learning Research – Implications for Emergent Action and Civic Ingenuity. In T. Stewart, *Problematizing Service-Learning: Critical Reflections for Development and Action*. Information Age Publishing.

Books:

- Doll, W., Fleener, M.J., Trueit, D., St. Julien, J. (Eds.) (2005). *Chaos, complexity, curriculum and culture: A conversation*. New York: Peter Lang (Translated into Chinese, 2007).
- Fleener, M.J. (2002). *Curriculum dynamics: Recreating heart*. New York: Peter Lang (Translated into Chinese, 2007).

National Refereed Publications

1. Fleener, M.J. (2008). Re-Romancing Education: The Bricoleur. *Process Papers Eleven: Concerning A Different Three Rs for Education*, pp. 54-58.
2. Fleener, M.J. (2008). Complexity and Postmodrn Criticality: Moral Dimensions of Emergentist Research. *Journal of the Canadian Association for Curriculum Studies*, 6 (1), pp. 73-91.
3. Fleener, M.J. & Matney, G. (2007). Curriculum clearings as being-with mathematics experiences: Authentic learning through a Heideggerian Lens. *Journal of Curriculum and Pedagogy. Volume 3, Number 2, Winter 2006: p. 92-106.*
4. Fleener, M.J. & Merritt, M. (2007). Paradigms Lost? *Nonlinear Dynamics, Psychology and the Life Sciences. Volume 11, Number 1, p. 1-18.*
5. Fleener, M.J., Willis, J., Brun, J., Hebert, K. (2007). Post-Katrina Educational Contexts: Breaking the Rules. In S. Robinson & M.C. Brown, *The Children Hurricane Katrina Left Behind: Schooling Context, Professional Preparation, and Community Politics.*
6. Reeder, S., Cassel, D., Reynolds, A., Fleener, M.J. (2006). Doing Something Different: Envisioning and Enacting Mathematics Curriculum Alternatives. *Curriculum and Teaching Dialogue: A Journal of the AATC. Volume 8, Number 1, p. 51-68*
7. Fleener, M. J., Reeder, S. (2006). Teaching etcetera. In Evans, M. & Allan, G., *A Different Three R's of Education. Volume 176, p. 141-154*
8. Fleener, M.J., Forehand, C., Robbins, R. (2005). Poststructural perspectives of self and education. *International Journal of Learning* (11), pp. 1065-1071.
9. Reynolds, A.M., Fleener, M.J., Wheatley, G., Robbins, R. (2005). The making of intelligence: Poststructural perspectives of learning. *International Journal of Learning* (11), 1033-1039.
10. Fleener, M.J., (2005). Learning as dynamic spacing: Changing language games through complexity. *Complicity: An International Journal of Complexity and Education*, 2(1), pp. 77-80 (December).
11. Fleener, M.J., Smith, J.K., Simpson, D. (2005). Philosophy and teacher education: Paradox or paradigm? *Process Philosophy Papers* (9), pp. 66-75.
12. Fleener, M.J., Richardson, K., & Matney, G. (2004). Deterritorializing the curriculum: Poststructural logic and dynamic process. In L. Coia, et al., *Democratic Responses in an Era of Standardization*, pp. 27-37. Troy, NY: Educator's International Press, Inc.
13. Fleener, M.J. (2004). Why mathematics?: Poststructural topologies and negative spaces. In Walshaw, M (Ed.) *Mathematics education within the postmodern.* Greenwich, CT: Information Age Publishing.
14. Fleener, M.J., Carter, A., & Reeder, S. (2004). Language games in the mathematics classroom: Teaching a way of life. *Journal of Curriculum Studies* 36(4), pp. 445-468.
15. Fleener, M.J. (Summer, 2004). Curriculum dynamics and soul of teaching complexly: Horizons of expectation as educative improvisation. *Journal of Thought*, pp. 35-42.
16. Fleener, M. J., Reeder, S. L., Young, E., Reynolds, A. M. (2003). Unfolding mathematical experience through on-going study of the history of mathematics. *Action in Teacher Education*, Vol. XXIV (3), pp. 73-84.
17. Fleener, M.J., Adolphson, K., Reeder, S. (2002). Robotics activities and constructed problem solving: Creating spaces for learning/doing. In A.D. Cockburn & E. Nardi (Eds), *Psychology of Mathematics Education- Volume 2*, 361-367.
18. Carter, A., Fleener, M. J. (2002) Exploring the teacher's role in developing autonomy. In D.S. Mewborn, P. Sztajn, D.Y. White, H.G. Wiegel, R.L. Bryant, K. Nooney (Eds). *Psychology of Mathematics Education-North American Chapter – Volume 2*, 819-829.

19. Fleener, M. J. & Dupree, G. D. (2002). Autobiosophy through Gynocritical Inquiry: Exploring Women's Ideas about Mathematics, Power, and Community. *Journal of Curriculum Theorizing*, 65-76.
20. Fleener, M.J. (2002). Logical Foundations for an Organocentric Curriculum: Dewey's Logic and Complexity Sciences. In W. Doll & N. Gough, (Eds.), *Curriculum Visions*, New York: Peter Lang Publishers, 152-162.
21. Fleener, M.J. (2001). Educational Standards and High Stakes Testing: Changing Ways of Seeing. *Process Papers*, 6 (December, 2001), 19-37.
22. Fleener, M.J. (2001). The Language Games of Science and Philosophy: Bridges Rather than Anchors A Response to *Science Education: Constructing a True View of the Real World?* In Stone, L. (Ed.), *Philosophy of Education 2000*, Urbana-Champaign, IL: Philosophy of Education Society, 378-382.
23. Fleener, M. J. (1999). Toward a poststructural mathematics curriculum: Expanding discursive possibilities, *Journal of Curriculum Theorizing*, 15(2), 89-105.
24. Fleener, M. J. & Rodgers, D. B. (1999). A systems theoretic approach to understanding transformation in learning communities. *Journal of Thought*, 34(1), 9-22.
25. Pourdavood, R. G. & Fleener, M. J. (1998). The ecology of a dialogic community as a socially constructive process. *Teaching Education*.
26. Fleener, M. J. & Fry, P. G. (1998). Adaptive teacher beliefs for continued professional growth during postmodern transitions. In D. J. McIntyre & D. M. Byrd (Eds.), *Strategies for Career-Long Teacher Education: Teacher Education Yearbook VI*, Thousand Oaks, CA: Corwin Press, 154-167.
27. Fry, P. G. & Fleener, M. J. (1997). An analysis of teacher-class interaction metaphors. *The Journal of Classroom Interaction*, 32(1), 30-35.
28. Pourdavood, R. G. & Fleener, M. J. (1997). Impact of a dialogic community on the development of classroom sociocultural norms. *Journal for a Just and Caring Education* 3(4), 399-417.
29. Fleener, M. J., Donaldson, G. D., & Craven, L. D. (1997). Exploring and changing visions of mathematics teaching and learning: What do students think? *Mathematics Teaching in the Middle School*, 9(1), 40-43.
30. Pourdavood, R. G. & Fleener, M. J. (1997). Evolution of a dialogic community and teacher change. *The School Community Journal*, 7(1), 51-61.
31. Pourdavood, R. G. & Fleener, M. J. (1997). Sustaining cultures of teaching for liberatory mathematics education. *Proceedings of the 19th Annual Meeting of the Psychology of Mathematics Education – North American Chapter*.
32. Fleener, M. J. (1996). Scientific worldbuilding on the edge of chaos: High school students' beliefs about mathematics and science. *School Science and Mathematics*, 96(6), 312-320.
33. Pourdavood, R. G. & Fleener, M. J. (1996). Examining teachers' beliefs and practices within a dialogic community. *Proceedings of the 18th Annual Meeting of Psychology in mathematics Education - North American Chapter (PME-NA), Volume II*, 370-375.
34. Fleener, M. J. (1995). A survey of mathematics teachers' attitudes about the calculator: The impact of philosophical orientation. *Journal of Computers in Mathematics and Science Teaching*, 14(4), 481-498.
35. Fleener, M. J. (1995). The relationship between experience and philosophical orientation: A comparison of preservice and practicing teachers' beliefs about calculators. *Journal of Computers in Mathematics and Science Teaching*, 14(3), 359-376.
36. Fleener, M. J. (1995). Alamo Rent-A-Car Commercial. *Mathematics Teaching in the Middle School*, 1(5), 394
37. Fleener, M. J., Westbrook, S. L., & Rogers, L. N. (1995). Learning cycles for mathematics: An investigative approach to middle school mathematics. *The Journal of Mathematical Behavior*, 14(4), 437-442

38. Fleener, M. J., Pourdavood, R. G., & Fry, P. G. (1995). A study of preservice teachers' metaphors for the different roles of the mathematics teacher. *Proceedings of the 17th Annual Meeting of Psychology in Mathematics Education – National (PME-NA) Volume II*. 104-108.
39. Fleener, M. J. (1995). Relationships among experience, philosophy and beliefs related to calculator use. In D. Carey, R. Carey, D.A. Willis, & J. Willis (Eds.) *Technology and teacher education annual: 1995*. Charlottesville, VA: Association for the Advancement of Computing in Education.
40. Fry, P. G., & Fleener, M. J. (1995). A Freirean approach to teacher change: A study of ten teachers engaged in action research. In E. Chance (Ed.), *Creating the quality school*, Magna Press.
41. Fleener, M. J. & Fry, P. G. (1994). Methods classes and professional development schools: The overlooked semester. *The Teacher Educator*, 29(3), 39-44.
42. Fleener, M. J. & Fry, P. G. (1994). Analyzing metaphors for mathematics teaching. *National Forum of Teacher Education Journal*, 4(1), 55-63.
43. Fleener, M. J. & Nicholas, S. N. (1994). Dynamic belief clusters: Using isolation analysis to determine preservice teachers' beliefs about the teaching and learning of mathematics. *National Forum of Applied Educational Research Journal*, 7(2), 13-22.
44. Nicholas, S. N., & Fleener, M. J. (1994). Nine preservice teachers' beliefs about teaching and learning mathematics: A case study. *National Forum of Applied Educational Research Journal*, 7(2), 3-12.
45. Fine, A., & Fleener, M. J. (1994). Calculators as instructional tools: Perceptions of three preservice teachers. *Journal of Computers in Mathematics and Science Teaching*, 13(1), 83-100.
46. Fleener, M. J. & Reynolds, A. (1994). The relationship between preservice teachers' metaphors for mathematics learning and Habermasian interests. *Proceedings of the 16th Annual Meeting of Psychology in Mathematics Education – North American Chapter (PME-NA)*, 247-253.
47. Fleener, M. J. (1994). A research study of teachers' beliefs about calculator use. In G. Marks (Ed.), *Mathematics/Science education and technology, 1994* (pp. 56-61). Charlottesville, VA: Association for the Advancement of Computing in Education.
48. Fleener, M. J. (1994). Is experience enough?: A survey of mathematics teachers' philosophies of calculator use. In D. Carey, R. Carey, D.A. Willis, & J. Willis (Eds.) *Technology and teacher education annual: 1994*. Charlottesville, VA: Association for the Advancement of Computing in Education.
49. Fleener, M. J. (1993). Graphing calculators: Networking strategies for inservice instruction. In D. Carey, R. Carey, D.A. Willis, & J. Willis, J. (Eds.) *Technology and teacher education annual: 1993* (pp. 596-599). Charlottesville, VA: Association for the Advancement of Computing in Education.

National – Invited Articles

- Fleener, M. J. (1992). Life in the fast lane: A modeling problem from the grocery store. *Consortium: The Newsletter of the Consortium for Mathematics and Its Applications*, 43.
- Fleener, M. J., & Marek, E. A. (1992). Testing in the learning cycle. *Science Scope*, 15(6), 48-49.

State – Editor Review

1. Fleener, M. J. (2001, Fall). *Teaching Etcetera*. (excerpts from article to appear in M. Evans & G. Allan (Ed.). *The Oklahoma Mathematics Teacher*.
2. Fleener, M. J. (1997, Spring). Traveling the Speed of Light – Almost. *The Oklahoma Mathematics Teacher*.

3. Fleener, M. J. (1995, Spring). Numerology: Number patterns and relationships for exploring mathematics. *The Oklahoma Mathematics Teacher*.
4. Fleener, M. J. (1994, Summer). Chaos, fractals and dynamic systems: New mathematics for the 21st century. *The Oklahoma Mathematics Teacher*, 6-8.
5. Fleener, M. J. (1994, Spring). Commercials, number sense and connections: Are we there yet? *The Oklahoma Mathematics Teacher*, 4-5.
6. Fleener, M. J. (1993, Fall). Geometric probability using the graphing calculator. *The Oklahoma Mathematics Teacher*, 6-9.
7. Fleener, M. J. (1993, Spring). Pick's theorem: A bridge for algebraic and geometric problem solving. *The Oklahoma Mathematics Teacher*, 7-10.
8. Fleener, M. J. (1992, Fall). Explorations with fractals. *The Oklahoma Mathematics Teacher*, 6-8.
9. Fleener, M. J. (1992, Spring). Spreadsheet applications for general mathematics: The bank loan problem. *The Oklahoma Mathematics Teacher*, 12-13.
10. Fleener, M. J., & Nicholas, S. N. (1991-1992, Winter). Math textbook adoption 1992: Issues, concerns, and questions for making the decision. *The Oklahoma Mathematics Teacher*, 9-11.

Newsletter Articles – President's Message

1. Fleener, M.J. & Reeder, S. (2002). *Educational Ether and Philosophical Spacings: Reciprocity as the Geometry of Relationship*. Chaos and Complexity SIG, American Educational Research Association.
2. Fleener, M.J. (2001). *Educational ether and philosophical spacings: Reciprocity as the geometry of relationship*. Chaos and Complexity SIG, American Educational Research Association
3. Fleener, M. J. (1999). *Mindwalking*, Chaos and Complexity SIG, American Educational Research Association.
4. Fleener, M. J. (1996, March). Spring Renewal, Central Oklahoma Association of Teacher Educators (COATM).
5. Fleener, M. J. (1996, January). Professional Development: The Mark of a Teaching Professional (COATM).
6. Fleener, M. J. (1995, August). Creating Community: A Message from the President (COATM).

Interviews

Fleener, M. J. and Doll, W. (2000). Musing on Constructivism and Complexity Theories Interview with Dr. Jayne Fleener and Dr. William Doll. Newsletter of the AERA-Chaos and Complexity Theories SIG.

Book reviews – Invited

1. Fleener, M.J. [Review of Tent, M.B.W. (2006). *The prince of mathematics: Carl Friedrich Gauss*. Wellesley, MA: A.K. Peters, Ltd.]. *Mathematics Teaching in the Middle School*.
2. Fleener, M.J. [Review of Stickels, T. (2000). *Are you as smart as you think?* Gordonsville, VA: St. Martin's Griffin]. *Mathematics Teaching in the Middle School*.
3. Fleener, M. J. [Review of Spencer, D. (1995). *Key dates in number theory history*.
a. Ormond Beach, FL: Camelot Publishing Company]. *School Science and Mathematics*.
4. Fleener, M. J. [Review of Spencer, D. (1995). *Illustrated computer dictionary for young people*.
Ormond Beach, FL: Camelot Publishing Company]. *School Science and Mathematics*.
5. Fleener, M. J. [Review of Spencer, D. (1995). *Spencer's illustrated computer dictionary*.
Ormond Beach, FL: Camelot Publishing Company]. *School Science and Mathematics*.

6. Fleener, M. J. [Review of Spencer, D. (1995). *Exploring number theory with microcomputers (3rd Edition)*. Ormond Beach, FL: Camelot Publishing Company]. *School Science and Mathematics*.
7. Fleener, M. J. (1998). [Review of Fomin, D., Genkin, S., & Itenberg, I. (1996). *Mathematical circles (Russian experience)*. Boston, MA: American Mathematical Society] *Mathematics Teaching in the Middle School*.
8. Fleener, M. J. (1997, September). [Review of NCTM (1997). *Results from the sixth mathematics assessment*. Reston, VA: NCTM]. *Mathematics Teaching in the Middle School*.
9. Fleener, M. J. (1997). [Review of the Ontario Association for Mathematics Education (OAME) and the Ontario mathematics Coordinators Association (OMCA) (1995). *Linking assessment and instruction in mathematics: Connecting to the Ontario Provincial Standards*. Rosseau, ON: OAME and OMCA} *Mathematics Teaching in the Middle School*, 2(5), pp. 363-364.
10. Fleener, M. J. (1995). [Review of Tsuruda, G. (1994). *Putting it Together: Middle school math in transition*. Portsmouth, NH: Heinemann Press]. *Mathematics Teaching in the Middle School*.
11. Fleener, M. J. (1994). [Review of Owens, D. T. (1993). *Research ideas for the classroom: Middle grades mathematics*. New York: Macmillan Publishing Co.]. *Mathematics Teaching in the Middle School*, 1(2), pp. 162-163.

Submissions/Revisions

Presentations

Refereed National and International Presentations

1. Fleener, M.J. (March, 2008). *Deterritorializing Service Learning: Messiness of Bricolage Research Toward Educational Transformation*. AERA Symposium Session SIG-Service Learning, March 24-28, New York.
2. Jewett, L., Carson, R., Smolen, J., Fleener, M.J. (March, 2008). *Layering Responses to Natural Disasters Over Time: Frames for Rethinking Education*. Gulf South Summit, March 13-15, Belmont University, Nashville, TN.
3. Fleener, M.J. (February, 2008). *Major Forum: Preparing STEM Teachers: The Key to Global Competitiveness - Moderator*. AACTE 60st Annual Meeting, February 7-10, New Orleans.
4. Fleener, M.J. (February, 2008). *Emerging Leaders and a Promising Future: A Welcoming Session for Graduate Students*. AACTE 60st Annual Meeting, February 7-10, New Orleans.
5. Fleener, M.J., Gothreaux, C., Willis, E. (2007, July). *A Case for Cultural Creativity: A Trans-theoretical Approach to Team Building and Systemic Change*. NCCEP/GEAR UP Annual Conference 2007, July 22-25, San Francisco, CA.
6. Willis, E., Fleener, M.J. (2007, July). *A Literacy Managed Approach*. NCCEP/GEAR UP Annual Conference 2007, July 22-25, San Francisco, CA.
7. Fleener, M.J., (May-June, 2007). China Lectures: *Curriculum Dynamics: Seeing with Soft Eyes*. Shanghai, Guilin, Xi' An, Harbin, Beijing
8. Doll, W., Fleener, M., Trueit, D., (May – June, 2007). China Lectures: *Looking to the Future*. Shanghai, Guilin, Xi' An, Harbin, Beijing
9. Fleener, M.J. (2007). *Moral Dimensions of Postmodern Criticality in Complexity Research*. AERA Symposium Paper SIG-Chaos and Complexity Theories, April 14-18, Chicago, IL.

10. Forehand, C., Fleener, M.J. (2007). *Conversations across Cultures: Chinese and American Perspectives on Curriculum, Creativity, Culture and Conformity*. AERA SIG-Educational Change, April 14-18, Chicago, IL.
11. Fleener, M.J., Carson, R., Smolen, J., Calderon, P., Exner, P.E., Callender, K. (2007). *Children of Crisis: Merging Teaching, Research and Service Missions through Service Learning and Public Engagement*. Gulf-South Summit on Service-Learning and Civic Engagement through Higher Education, March 14-16, New Orleans.
12. Fleener, M.J. (2007). *The Children Hurricane Katrina Left Behind: Schooling Context, Professional Preparation, and Community Politics*. Major Symposium, AACTE, February 24-28, New York City.
13. Fleener, M.J., Exner, P. (2007). *Post-Katrina Educational Contexts: Creating a New Kind of College of Education*. Individual Paper Presentation, AACTE, February 24-28, New York City.
14. Fleener, M.J., Forehand, C. (May, 2006). *Creativity and Doll's Three S's: Songs Without End and Selves Without Boundary*. Second World Curriculum Studies Conference, International Association for the Advancement of Curriculum Studies, Tampere, Finland.
15. Fleener, M.J., Richardson, K. (April, 2006). *Creating Spaces for Learning to Teach: Nonlinear Unfoldings as Methods*. Paper presentation to the AERA, Chaos and Complexity Theories SIG, San Francisco, CA.
16. Fleener, M.J., Forehand, C. (April, 2006). *Creativity, Chaos, Complexity and Classrooms: A Journey*. Paper presentation to the AERA, Chaos and Complexity Theories SIG, San Francisco, CA.
17. Fleener, M.J. (January, 2006). *Leaving Colleges of Education Behind: Re-visioning Roles through Community Partnerships*. Paper presentation to the American Association of Colleges of Teacher Education Annual Conference, San Diego, CA.
18. Smith, W., Fleener, M.J., Guarino, A.J. (January, 2006). *Holding State Accountability Models Accountable: One Possible Means*. Roundtable presentation to the American Association of Colleges of Teacher Education Annual Conference.
19. Fleener, M.J. (November, 2005). *Hacking the System: The Immanence of a Life in Post-Katrina Louisiana, Race, Poverty, Health, & Education Dynamics Exposed*. Paper presentation in response to the keynote address: *Hacking the Future* by Jacques Daignault, Third Annual Meeting of the Complexity Science and Educational Research, Robert, LA.
20. Fleener, M.J. (October, 2005). *Louisiana: Context, Chaos & Complexity*. Special presentation to the Consortium of Academic Deans of Research Extensive Institutions (CADREI), Monterey, CA.
21. Fleener, M.J., Matney, G. (April, 2005). *Curriculum Clearings as Being-With Experiences: Authentic Learning through a Heideggerian Lens*. Paper presentation to the AERA, Division B Curriculum Studies, Montreal, Canada.
22. Fleener, M.J., Forehand, C. (October, 2004). *Can't stop the song: Cuban experiences as dynamic curriculum*. Conference on Curriculum Theorizing and Classroom Practice, October 21-23, Dayton, Ohio.
23. Winfield, A.G., Wilson, A.V., Fleener, M.J., Eaton, L. & Burke, J.M. (October, 2004). *Identity (De)Construction: A postmodern exegesis of sexuality, racism and privilege*. Conference on Curriculum Theorizing and Classroom Practice, October 21-23, Dayton, Ohio.
24. Fleener, M.J., Smitherman, S., Richardson, K. (October, 2004). *Complexities, boundaries and mentalities of curriculum: Reading Dorothy Allison, M.T. Anderson and Brent Davis*. Conference on Curriculum Theorizing and Classroom Practice, October 21-23, Dayton, Ohio.
25. Fleener, M.J., Doll, W. (October, 2004). *Teaching in Fractaled Spaces*. Conference on Curriculum Theorizing and Classroom Practice, October 21-23, Dayton, Ohio.
26. Doll, W., Fleener, M.J. (October, 2004). *Teaching Complexly*. Complexity Science and Educational Research Conference Kingston, Ontario, September 30 - October 3, 2004

27. Fleener, M.J., Forehand, Clydia, Robbins, R. (June, 2004). *The cult of efficiency and death of creativity: Lifelong learning as a myth of modern education*. Paper presentation to the 11th International Literacy and Education Research Network Conference on Learning, Havana, Cuba (June 27-30).
28. Reynolds, A., Fleener, M.J., Wheatley, G. (June, 2004). *The making of intelligence: Poststructural perspectives of learning*. Paper presentation to the 11th International Literacy and Education Research Network Conference on Learning, Havana, Cuba (June 27-30).
29. Fleener, M.J., Reeder, S. (April, 2004). *Teaching etcetera: Beyond the limits of curriculum presents as explored through postmodern and poststructural perspectives*. Paper presentation to the American Educational Research Association (AERA) Annual Meeting, Division B, San Diego (April 12-16).
30. Fleener, M.J., Richardson, K., Matney, G. (April, 2004). *Flights of fancy: Deleuze meets Foucault in a high school flight academy*. Roundtable presentation to the American Educational Research Association (AERA) Annual Meeting, Foucault and Education Special Interest Group, San Diego (April 12-16).
31. Reynolds, S., Blair, B., Fleener, M.J., Martin, K., (April, 2004). *Dancing with wolves: Leading within chaos*. Symposium presentation to the American Educational Research Association (AERA) Annual Meeting, Chaos and Complexity Theories Special Interest Group, San Diego (April 12-16).
32. Doll, W., Fleener, M.J., Trueit, D. (April, 2004) *Teaching in fractaled spaces*. Annual Meeting of the American Association for the Advancement of Curriculum Studies (AAACS), San Diego (April 14-16).
33. Fleener, M.J., Smith, J.K., Abraham, D., Simmons, S. (January, 2004). *Involving community partners: Links with city chambers and other business partners*. Presentation to the Holmes Partnership Eighth Annual Conference, San Diego (January 16-17).
34. Fleener, M.J. (October, 2003). *Poststructural approaches to curriculum structures*. Paper presentation to the Fourth Annual Conference on Curriculum and Pedagogy, Atlanta, GA. (October 15-18).
35. Fleener, M.J. (September, 2003). *Deterritorializing categories and boundaries of curriculum: Nietzsche, Korzybski, Deleuze, and poststructuralism*. Paper presentation to the Society of Philosophy and History of Education Annual Meeting, San Antonio (September 18-20).
36. Fleener, M.J., Doll, W., St. Julien, J. (April, 2003). *Curriculum dynamics*. Paper presentation to the American Educational Research Association, Chaos and Complexity Theories Special Interest Group, Chicago, IL (April 21-25).
37. Fleener, M.J., Doll, W., Trueit, D., Wilson, A. (April, 2003). *Curriculum dynamics: Teaching complexly*. Paper presentation to the American Association for the Advancement of Curriculum Studies, Chicago, IL (April 18-21).
38. Fleener, M.J., Reynolds, A., Reeder, S., Adolphson, K. (March, 2003). *Emergent curriculum: Classroom cultures, argumentation, and technology*. Paper presentation to the Research Council for Mathematics Learning. Tempe, Arizona (March 6-8).
39. Fleener, M.J., Richardson, K., Matney, G., Reynolds, A. (March, 2003). *What is Mathematics?* Paper presentation to the Research Council for Mathematics Learning. Tempe, Arizona (March 6-8).
40. Smith, J.K., Ballard, K., Fleener, M.J. (February, 2003). *Establishing a statewide policy partnership*. Presentation to the Holmes National Partnership Seventh Annual Meeting, Washington, DC (February 21-23).
41. Fleener, M.J., et al. (January, 2003). *Education and engineering partnerships: Developing new structures and approaches to teacher education, outreach, and student learning*. Presentation to the American Association of Colleges of Teacher Education, New Orleans (January 25-27)

42. Fleener, M.J. et al. (January, 2003). *The K-12 tapestry: Weaving collaborative efforts*. Presentation to the American Association of Colleges of Teacher Education, New Orleans (January 25-27)
43. Fleener, M.J., Ormsbee, C., & Marsh, D. (January, 2003). *Associate Deans Forum*. AACTE, January 24-27, New Orleans.
44. Fleener, M.J. et al. (January, 2003). *Transcending traditional boundaries: Responding to leadership challenges through cohorts*. Presentation to the American Association of Colleges of Teacher Education, New Orleans (January 25-27).
45. Smith, J.K., Fleener, M.J., Porter, A., Rhoads, T.R., (January, 2003). *The K-12 tapestry, Weaving Collaborative Efforts*. Presentation to the IEEE-AACTE Deans Summit, Miami, January 9.
46. Fleener, M.J., Erwin, S., & Erwin, J. (2002, October). *Tacit knowledge, heuristic inquiry, and the curriculum: Dancing with the shadow of curriculum futures*. Symposium presentation to the 2002 Journal of Curriculum Theory Conference on Curriculum Theory and Classroom Practice, October 24-26, Dayton, Ohio.
47. Carter, A. & Fleener, M.J. (2002, October). *Exploring the teacher's role in developing autonomy*. Paper presentation to the annual meeting of the PME-NA, Athens, Georgia.
48. Fleener, M.J., Adolphson, K., Reeder, S. (2002, July). *Robotics activities and constructed problem solving: Creating spaces for learning/doing*. Paper presentation to the PME, East Anglia University, UK.
49. Fleener, M.J. (2002, April). *Logical foundations for an organocentric curriculum: Dewey's logic and complexity sciences*. Paper presentation to the American Educational Research Association, April 2-6, Baton Rouge.
50. Fleener, M.J. (2001, November). Keynote presentations to the Luhmann Society, Copenhagen, Denmark.
 - i. *Chaos and Complexity – Session I*
 - ii. *Chaos and the Curriculum – Session II*
 - iii. *New Science and Postmodern Logics – Session III*
51. Fleener, M.J. (2001, October). *Curriculum dynamics and postmodern logics: An 'Erwartungshorizonten' of emergent curriculum*. Paper presentation to the 2001 Journal of Curriculum Theory Conference on Curriculum Theory and Classroom Practice, October 26-28, Dayton, Ohio.
52. Fleener, M.J. & Carter, A. (2001, October). *Emerging socio-autonomy in the language games of classrooms*. Paper presentation to the 2001 Journal of Curriculum Theory Conference on Curriculum Theory and Classroom Practice, October 26-28, Dayton, Ohio.
53. Fleener, M.J. (2001, August). *Is chaos research Normal Science?: Logical foundations of postmodern inquiry*. Paper presentation to the 11th Annual International Conference for the Society for Chaos Theory in Psychology and Life Sciences. August 3-6, Madison, WI.
54. Fleener, M.J., Ingram, A, Brown, C. (2001, March). *The challenges of collaboration: GEAR UP partnerships cutting across institutional and organizational barriers*. Presentation to the American Association of Colleges of Teacher Education Annual Meeting, Dallas, TX, March 1-4.
55. Fleener, M.J., Reeder, S., Young, E., & Reynolds, A. (2001, March). *History of mathematics: Building relationships for learning*. Paper presentation to the Research Council for Mathematics Learning Annual Meeting, Las Vegas, NV.
56. Fleener, M.J., Carter, A., Smith, E. (2000, Oct.). *Curriculum language games: Discursive spaces as complex emergence of meaning*. Paper presentation to the Journal of Curriculum Theory Conference, Bergamo Retreat Center, Dayton, OH, October 26-28.
57. Fleener, M.J. (2000, April). *Creativity, emergence and transactional spaces: An organocentric curriculum for supporting chaotic thinking*. Paper presentation at the Second Annual Conference on the Internationalization of Curriculum Studies, April 27-30, 2000, Louisiana State University, Baton Rouge, LA

58. Fleener, M. J. (2000, April). *Research paradigms for chaos and complexity: A critical look at scientific inquiry as exemplars or metaphors for inquiry in educational contexts*. Paper presentation to the AERA, New Orleans, April 24-28.
59. Fleener, M. J. (2000, April). *From clocks to chaos: Changing perceptions of nature*. Paper presentation to the 78th Annual Meeting of the NCTM, Chicago, IL, April 13-15.
60. Fleener, M. J. (2000, March). *The organocentric curriculum: Learning and assessment in dynamic learning communities*. Paper presentation at the Annual Meeting of the Research Council for Mathematics Learning, Las Vegas, NV, March 9-11.
61. Fleener, M. J. (1999, October). *Dewey's logic, complexity theories, and the curriculum: The intricacies of relationship, process, and change*. Paper presentation to the Annual Meeting of the 1999 JCT Conference on Curriculum Theory and Classroom Practice, Bergamo Conference Center, Dayton, Ohio, October 27-30, 1999.
62. Fleener, M. J. (1999, March). *Chaos and complex adaptive systems: An organocentric perspective of the curriculum*. Paper presentation to the Curriculum Theory Project Preconference Session of the Philosophy of Education Society (PES), LSU.
63. Fleener, M. J. (1999, February). *Returning to origins – Dia-Among-Gnosis-Understanding: Diagnosing classrooms as complex learning systems*. Paper presentation to the 26th Annual Meeting of the Research Council of Mathematics Learning (formerly RCDPM), February 11-13, College Station, TX.
64. Fleener, M. J. (1998, October). *A postcultural approach to understanding and reconstructing school mathematics*. Paper presentation to the Journal of Curriculum Theory Conference on Curriculum Theory and Classroom Practice (Bergamo), Bloomington, IN.
65. Fleener, M. J. (1998, October). *Cognitive spacing: Chaotic dimensions of learning*. Panel discussion “Exploring the Complexity of the Nonlinear” with Bill Doll and Donna Trueit, LSU, Journal of Curriculum Theory Conference (Bergamo), Bloomington, IN.
66. Fleener, M. J. (1998, February). *Learners as complex adaptive agents: Implications for mathematics education research in the future*, Paper presentation to the Research Council for Diagnostic and Prescriptive Mathematics, College Park, Maryland.
67. Fleener, M. J. & Brintball, S. (1998, February). *Using time series analyses to understand the complexity of the classroom with regard to mathematics instruction, sociocultural norms, and sociomathematical norms*. Paper presentation to the Research Council for Diagnostic and Prescriptive Mathematics, College Park, Maryland.
68. Pourdavood, R.G. & Fleener, M. J. (1997, October). *Sustaining cultures of teaching for liberatory mathematics education*. Paper presentation to the Psychology of Mathematics Education – North American Chapter, Bloomington/Normal, IL, October 18-20.
69. Fleener, M. J. (1997, October). *G. H. Mead's Action Theory and Maturana's System Theory: Constructivism as a philosophy to inform and create learning environments*. Paper presentation to the JCT Conference on Curriculum Theory and Classroom Practice, Bloomington, IN, October 15-18.
70. Fleener, M. J. & Laird, S. (1997, October). *An eco-feminist dialogue: Re-valuation of the epistemological foundations of mathematics and education*. Paper presentation to the JCT Conference on Curriculum Theory and Classroom Practice, Bloomington, IN, October 15-18.
71. Fleener, M. J. (1997, April). *From Zeno to Mandelbrot: Activities from the history of mathematics*. Presentation to the 75th Annual Meeting of the National Council of Teachers of Mathematics, Minneapolis, MN.
72. Fleener, M. J. & Pourdavood, R. G. (1997, March). *School reform: Establishing dialogic communities as self-organizing structures for reflection, critique, and change*. Paper presentation to the American Educational Research Association, Chicago, IL.
73. Pourdavood, R. G. & Fleener, M. J. (1996, October). *Examining teachers' beliefs and practices within a dialogic community*. Paper presentation to the 18th Meeting of the North American Chapter of the Psychology of Mathematics Education, Florida.

74. Fleener, M. J. (1996, April). *Fractals, chaos, nonlinear, dynamics, and complexity. Changing worldviews to accommodate mathematical chaos.* Presentation to the National Council of Teachers of Mathematics, San Diego, CA.
75. Fleener, M. J. & Fry, P. G. (1996, February). *The ontologic power of metaphor: Are mathematics reform efforts doomed to failure?* Paper to be presented at the Research Consortium for Diagnostic and Prescriptive Mathematics.
76. Fleener, M. J., Pourdavood, R., & Fry, P. G. (1995, October). *A study of preservice teacher's metaphors for the different roles of the mathematics teacher.* Paper presented at the 17th Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education.
77. Fleener, M. J. (1995, August). *Towards a theory of a philosophy of mathematics education.* Presentation to the First International Seminar on Philosophy of Mathematics Education, UNESP-Rio Claro, Brazil.
78. Fleener, M. J. (1995, July). *New science, complexity and classroom contexts: Examining relationships, not things.* Short oral report to the Annual Conference of the Psychology of Mathematics Education, Recife, Brazil.
79. Fleener, M. J. (1995, April). *Dissipative structures and educational contexts: Rethinking research paradigms to understand teacher change.* Paper presented at the Annual Meeting of the American Educational Research Association, San Francisco, CA.
80. Fleener, M. J. (1995, April). *Learning organizations in a quantum age: Are mathematics education research paradigms adequate?* Paper presented at the 1995 National Council of Teachers of Mathematics Research Pre-session, Boston, MA.
81. Fleener, M. J. (1995, April). *Developing proportional reasoning: Alternatives to the cross-multiply-then-divide algorithm.* Paper presented at the 73rd Annual Meeting of the National Council of Teachers of Mathematics, Boston, MA.
82. Fleener, M. J. (1995, April). *The myth of normal science in the shadow of chaos.* Paper presentation to the Annual Meeting of the National Association for Research in Science Teaching (NARST), San Francisco, CA.
83. Fry, P. G., Fleener, M. J., & McKinney, L. J. (1995, April). *An analysis of teacher-class interaction metaphors.* Paper presented at the Annual Meeting of the American Educational Research Association, San Francisco, CA.
84. Fleener, M. J. (1995, March). *Relationships among experience, philosophy and beliefs related to calculator use.* Paper presented at the Society for Information Technology & Teacher Education 6th International Conference, San Antonio, TX.
85. Fleener, M. J. (1995, February). *Attitudes, Chaos and fractals: Analyzing teachers' beliefs about calculators using complexity analysis.* Presentation at the Annual Meeting of the Research Consortium of Diagnostic and Prescriptive Mathematics, Las Vegas, NV.
86. Fleener, M. J., & Reynolds, A. (1994, November). *The relationship between preservice teachers' metaphors for mathematics learning and Habermasian interests.* Paper presented at the 16th Annual Meeting of Psychology in Mathematics Education – National (PME-NA), Baton Rouge, LA.
87. Fleener, M. J. (1994, October). *Experiments with randomness: Geometric probability and chaos using the graphing calculator.* Paper accepted for presentation to the Annual Meeting of the School Science and Mathematics Association (SSMA), Fresno, CA.
88. Fleener, M. J. (1994, July). *Contextual frameworks: A research study of teachers' beliefs about calculator use.* Paper presentation to the International Symposium on Mathematics/Science Education and Technology Conference, San Diego, CA.
89. Fleener, M. J. (1994, March). *Is experience enough? A survey of mathematics teachers' philosophies of calculator use.* Paper presentation to the 5th Annual Meeting of the Society for Technology and Teacher Education (STATE), Sponsored by the Association for the Advancement of Computing in Education (AACE), Washington, DC.

90. Fleener, M. J (1994, February). *Comparative study of preservice teachers', middle school students' and practicing teachers' metaphors for mathematics teaching and learning*. Paper presentation to the 21st Annual Conference of the Research Consortium for Diagnostic and Prescriptive Mathematics (RCDPM), Forth Worth, TX.
91. Fleener, M. J (1994, February). *Chaos theory and cognitive research: The need for new paradigms*. Paper presentation to the 21st Annual Conference of Research Consortium for Diagnostic and Prescriptive Mathematics (RCDPM), Fort Worth, TX.
92. Fleener, M. J (1993, April). *Proportional reasoning abilities of preservice elementary education majors: An epistemic model of the proportional reasoning construct*. Poster presentation at the Annual Meeting of the American Educational Research Association (AERA), Atlanta, Georgia.
93. Fleener, M. J., Westbrook, S. L., & Rogers, L. N. (1993, April). *Integrating math with 9th grade physical science classes: Developing students' proportional reasoning abilities*. Poster presentation at the Annual Meeting of the American Educational Research Association (AERA), Atlanta, Georgia.
94. Westbrook, S. L., Rogers, L. N., & Fleener, M. J. (1993, April). *Using concept maps to examine changes in 9th grade students' conceptions of electrical circuits in a learning cycle classroom*. Poster presentation at the Annual Meeting of the National Association for Research in Science Teaching (NARST), Atlanta, Georgia.
95. Westbrook, S. L., Rogers, L. N., & Fleener, M. J. (1993, April). *So what did you expect?: Examining student understanding of the concept of balance*. Paper presentation at the Annual Meeting of the National Association for Research in Science Teaching (NARST), Atlanta, Georgia.
96. Roth, M. W., Berehenson, S., Westbrook, S. L., & Fleener, M. J. (1993, April) *Achieving reform in science and math education: The challenge of integration*. Symposium presentation at the Annual meeting of the National Association for Research in Science Teaching (NARST), Atlanta, Georgia.
97. Westbrook, S. L., Fleener, M. J., & Rogers, L. N. (1993, April). *Why are we doing math in science?: Integrating mathematics and science curricula*. Paper presentation at the Annual Meeting of the National Science Teacher Association (NSTA), Kansas City, MO.
98. Fleener, M. J. (1993, March). *Graphing calculator: Networking strategies for inservice instruction*. Paper presentation at the International Conference of the Society for Technology and Teacher Education (STATE), San Diego, CA.
99. Fleener, M. J. & Westbrook, S. L. (1993, February). *Concepts used in science classes: Moving towards an integrated curriculum*. Paper presentation at the Annual Meeting of the Research Consortium for Diagnostic and Prescriptive Mathematics (RCDPM), Melbourne, FL.
100. Fleener, M. J. (1992, April). *University-school collaboration*. Invited panelist at the Precollege-University Partnerships for Math and Science Education Conference, Atlanta, GA.
101. Fleener, M. J. & Nicholas, S. N. (1992, April). *Facilitating change in mathematics education: A model of developmental change for administrators, teachers, and parents*. Paper presentation to the National Conference on Creating the Quality School, Norman, OK.
102. Fleener, M. J. (1992, February). *Assessment of mathematics and science concepts, principles, problem solving, inquiry, and communication*. Paper presentation to the Annual Meeting of the Research Consortium for Prescriptive and Descriptive Mathematics (RCPDM), Princeton, NJ.
103. McQuarrie, F., Chiodo, J., Fry, P., & Fleener, M. J. (1992, February). *The road to public school and university collaboration in the preparation of teachers for the 21st century*. Professional clinic presented at the 72nd Annual National Meeting of the Association of Teacher Educators (ATE), Orlando, FL.
104. Chiodo, J., McQuarrie, F., Fleener, M. J., & Fry, P. (1992, February). *Hiring and developing a new teacher education faculty: Creationism or evolution?* Thematic Session presented at the 72nd Annual National Meeting of the Association of Teacher Educators (ATE), Orlando, FL.

105. Fleener, M. J. (1991, February). *Inquiry cycle learning in undergraduate education: Applications of constructivist pedagogy that promote equity and cognitive growth*. Paper presentation to the National Conference for Enhancing the Quality of Teaching in Colleges and Universities, Charleston, S.C.
106. Fleener, M. J., & McQuarrie, F. (1991, January). *From the ground up: An institute for research in teacher education in a Holmes Group University*. Presentation to the Holmes National Conference, Washington D.C.

Invited Presentations

- Fleener, M.J. (2007, April). *Awakening Ideas and Creating Futures: Playing to Learn with Soft Eyes*. The Association for the Study of Play 33rd Annual Conference, Rochester, NY.
- Fleener, M.J. (2007, Jan.). *Changing Contexts for Colleges of Education*. Baton Rouge Chapter of Delta Kappa Gamma.
- Fleener, M.J. (2006, Nov). *Post-Katrina: College's of Education Getting Down and Dirty*. Presentation to the Southeast Regional Association of Colleges of Teacher Education, Baltimore, MD.

Regional Presentations for National Organizations

- Fleener, M.J. (2006, November 4). *Katrina: Lessons learned about education*. Southeastern Regional Association of Teacher Educators.
- Fleener, M.J. (2006, October). *Creating Partnerships with Charter Schools: What are the Positives?* Symposium presentation, Annual Meeting of the Council of Academic Deans from Research Institutions (CADREI), Savannah, GA.
- Fleener, M. J. (1998, October). *The science and mathematics of chaos and complexity: Changing paradigms for instruction*. NCTM Regional, Louisville, KY.
- Fleener, M. J. (1998, February). *Time travel: Modern day paradox of the infinite*. Regional Meeting of the NCTM, Dallas, TX, Feb. 12-14.
- Fleener, M. J. (1997, November). *History of mathematics past and future: Mathematical paradox from Zeno's infinite to Einstein's relativity*. Eastern Regional of the NCTM, Cleveland, OH, Nov. 6-8.
- Fleener, M. J. (1995, November). *Research on the implementation of calculators in mathematics teaching: Reflecting on teacher beliefs*. Presentation at the National Council of Teachers of Mathematics (NCTM) Regional Meeting, Houston, TX.
- Fleener, M. J. (1991, October). *Modeling, manipulatives, and the computer: Problem solving tools for middle school and high school mathematics*. Presentation to the combined conference of the Oklahoma Council of Teachers of Mathematics, the Oklahoma Science Teachers Association, and the School Science and Mathematics Regional Conference (UPLINK), Tulsa, OK.

State and Local Presentations

1. Fleener, M.J. (September, 2004). *Mathematical Wonderings: Lessons from the History of Mathematics*. Presentation to the Baton Rouge Council of Teachers of Mathematics.
2. Fleener, M.J., Richardson, K., Matney, G. (2004, January). *Expanding the Curricular Terrain*. Oklahoma Educational Studies Association Winter Conference, Stillwater, OK.
3. Fleener, M.J., Ingram, A., Smith, J, Richardson, K., Flournoy, V. (Nov, 2002). *GEAR UP Meets America Counts: Coordinating Efforts through Federal Funding Initiatives for Improving Student Achievement*. Oklahoma Association of Colleges of Teacher Education (OACTE)
4. Fleener, M.J. (2002, October). *Teaching Complexly*. Curriculum Studies Group. LSU
5. Fleener, M. J. (1999, June). *From clocks to chaos: Changing perspectives of nature*. Presentation to the 52nd Annual Meeting of the Oklahoma Council of Teachers of Mathematics

6. Fleener, M. J. (1997, February). *History of mathematics from Zeno to Einstein: Paradox and problems with infinity and time*. Central Oklahoma Association of Teachers of Mathematics Spring Conference
7. Fleener, M. J. (1996, September). *Time travel, dimensionality, and the infinite: Matching school mathematics and science with students' realities*. Presentation to the Northern Oklahoma Science and Mathematics Teachers' Workshop, Ponca City, OK
8. Fleener, M. J. (1996, July). *Excursions in dimensionality: Paradoxes of time travel and other mathematical oddities*. Presentation to the 49th Annual Meeting of the Oklahoma Council of Teacher of Mathematics, Oklahoma City, OK.
9. Fleener, M. J., Pourdavood, R., Montis, K. (1995, October). *Living in a fractional dimensional world: Explorations of mathematical chaos*. Presentation to the South Carolina Council of Teachers of mathematics.
10. Fleener, M. J., Montis, K., Pourdavood, R., (1995, August). *Flatland, Spereland and Fractal-land: Excursions into dimensionality*. Presentation to the 48th Annual Meeting of the Oklahoma Council of Teachers of Mathematics, Oklahoma City, OK.
11. Fleener, M. J. (1994, October). *How do I do this?: Research on the effects of teaching algorithms*. Presentation at the regional meeting of the National Council of Teachers of Mathematics (NCTM), Tulsa, OK.
12. Fleener, M. J. (1994, August). *Commercials, cartoons and calendars: Making connections with student realities*. Presentation to the 47th Annual Meeting of the Oklahoma Council of Teachers of Mathematics, Oklahoma City, OK.
13. Cumby, C., Fleener, M. J., Ochs, C., Pourdavood, R. (1994, August). *Cooperative learning and calculator applications*. Presentation to the 47th Annual Meeting of the Oklahoma Council of Teachers of Mathematics, Oklahoma City, OK.
14. Fleener, M. J. (1993, September). *Totally tubular topology*. Presentation at the meeting of the Central Oklahoma Association of Teachers of Mathematics (COATM), Oklahoma City, OK.
15. Fleener, M. J. (1993, September). *Probability simulations using the graphing calculator*. Presentation to the annual Meeting of the Northern Oklahoma Science and Mathematics Teachers, Ponca City, OK.
16. Fleener, M. J. (1993, August). *Mathematical modeling using the overhead graphing calculator*. Presentation to the Annual Meeting of the Oklahoma Council of Teachers of Mathematics (OCTM), Oklahoma City, OK.
17. Fleener, M. J. (1992, September). *Conservation of area and perimeter: Explorations in the middle school mathematics*. Presentation to the annual Meeting of the Northern Oklahoma Science and Mathematics Teachers, Ponca City, OK.
18. Fleener, M. J. (1992, April). *Applications for the CASIO graphing calculator that encourage problem solving and reasoning*. Presentation to the regional Meeting Oklahoma Council of Teachers of mathematics (OCTM), Altus, OK.
19. Fleener, M. J. (1991, June). *Mathematical models: Powerful tools for problem solving*. Presentations at the regional meetings of the Oklahoma Council Teachers of Mathematics (OCTM), Chickasha, OK and Edmond, OK.
20. Fleener, M. J. (1991, May & June). *Expected Learner Outcomes (ELO's) in Mathematics*. Panel discussant leader at the regional meetings of the Oklahoma Council of teachers of Mathematics (OCTM), Chickasha, OK, Edmond, OK, and Moore, OK.

TEACHING

University

Courses Taught or Supervised

LSU

Graduate:

Education and the Concept of Time
Educational Understandings: Peirce & Poincare
Chaos, Complexity, Curriculum, and Culture: A Conversation

University of Oklahoma

Undergrad:

Intermediate and Middle School Mathematics Methods, 4-8
Fundamental Concepts and Methods of Teaching Mathematics, 7-12
Elementary Arithmetic for Teachers
Primary Mathematics for Teachers
Primary Mathematics Methods, N-3
Excursions in Dimensionality: Paradoxes of Time Travel and Other Mathematical
Oddities
Elementary Mathematics Curriculum

Graduate:

Postmodern Conversations
Educational Futures
Theory and Research in Mathematics Education
History of Mathematics for Educators
Systems Theories and Learning Organizations
Middle School and Secondary Mathematics Curriculum: Theory and Research
The Use of Technology in the Teaching of Mathematics
Theoretical Issues in Instructional Leadership
Theory and Research in Education (AP)
Technology and Classroom Instruction (AP)
Developing Number Concepts in Grades K – 2
Mathematical Modeling, 7 – 12

Average Teaching Load:

4 courses per academic year while on faculty appointment
2 courses per year while on administrative appointment
Advance Programs (AP) courses taught above load

Advising – Completed Dissertations – Chair

LSU

1. Basu, Marina (in progress)
2. Smolen, Jola (in progress)
3. Lu, Lianfang (in progress)

1. Forehand, Clydia, (December, 2005). *Journey into creativity*.
2. Richardson, Kerri, (August, 2005). *Creating spaces for learning in the mathematics classroom: A phenomenological study of pre-service teachers*.
3. Che, Megan, (May, 2005). *Cameroonian teachers' perceptions of culture, education and mathematics*.
4. Matney, Gabriel, (July, 2004). *The clearings of authentic learning in mathematics*.
5. Pourdavood, Ross, (December, 2003). *Students' engagement and problem type: A case study of four ninth-grade mathematics students*.
6. Bolin, Phyllis, (July, 2003). *Mathematics in a ubiquitous computing environment: Communication, roles, and sense*.
7. Young, Elaine, (September, 2002). *Unpacking mathematical content through problem solving*.
8. Reeder, Stacy, (July, 2002). *Emergent mathematics curriculum: A case study of two teachers*.
9. Adolphson, Keith, (July, 2002). *Mathematical embodiment through robotics activities*.
10. Brintnall, Sheila, (May, 2002). *E-mentoring: A case study of the viability and benefits of electronic mentoring with beginning teachers in rural schools*.
11. Beatty, Rochelle, (December, 2001). *The relationship among language, classroom discourse, cognitive development, achievement, and vocabulary of developmental mathematics students*.
12. Rose, Jacquinita, (April, 2001). *Impact of an internet project on college mathematics students' discourse and meaning making*.
13. Ahmadifar, Gholam H., (April, 2000). *Impact of culture circles on minority high school students in mathematics*.
14. Darby, Dana, (April, 2000). *A critical exploration of developmental mathematics students' conceptions of the role of mathematics in society*.
15. Dupree, Gloria Nan Donaldson (April, 1999). *Mathematical empowerment: A case study of relational classroom learning*.
16. Johnson, Sandra Scaffeta (February, 1999). *The relationship among the cognitive development level, learning style, achievement, and retention of preserved elementary teachers in a content course in mathematics*.
17. Montis, Kris K. (August, 1997). *Kay: A case study of learning difficulties in mathematics and reading*. (Co-chaired with Anne Reynolds)
18. Pourdavood, Roland G. (May, 1996). *Dialogic community: Four elementary teachers' dialogue on mathematics teaching*.
19. Chen, Jacy (Fall, 1994). *A meta-analysis of the effectiveness of computer-based instruction in mathematics*.
20. Saleh, Umaru (Fall, 1994). *Motivational orientation and calculus students' understanding of limits and continuity*.
21. Mather, Jeanne (August, 1994). *Student perceptions in the mathematics classroom: A study of how African American, Hispanic, and Native American fifth and sixth graders perceive mathematics and the mathematics classroom*. ILAC – Elementary Education.
22. Nicholas, Sacra (May, 1994). *An investigation of teacher reflection: Four mathematics teachers reflect on education*.
23. Easley, Rebecca (May, 1994). *The development and evaluation of the mathematics assessment of performance and communication (MAPC) test*. (Co-chaired with Curtis McKnight).
24. Ferguson, Vicki (May, 1993). *Developing mathematical conceptions: A study of conceptual, skill and pedagogical differences in integer conceptions of preservice teachers – An expository approach vs. a constructivist approach*. (Co-chaired with Curtis McKnight).

Advising – Completed Masters Theses – Chair

University of Oklahoma

1. Lu, Lianfang (2005). *The perspectives of Chinese secondary high school mathematics teachers regarding use of technology in mathematics teaching and learning.*
2. Wakefield, Jana (2004). *Second Graders' Attitudes Toward and Use of Video Games for Learning.*
3. Flournoy, Vicki Darlene, (2002). *Mathematics beliefs of undergraduate majors.*
4. Allen, Twyla Daynette (2001). *Turning Marching into Dancing: A Critical Analysis of Mathematics Curriculum and Learning.*
5. Weger, Elayne (1998). *Beyond Mentoring: A Study of the Effect of Teacher Support on Professional Growth and Career Longevity.*
6. Wood, Shawn (1995). *Learning algebra through programming graphing calculators.*
7. Young, Dalton (1991). *An exploratory study into the attitudes of Algebra I students.*

Advising – Completed Master Projects – Chair

LSU

1. Meng, Lingqi, (2007). Curriculum Theory Comprehensive Exam, LSU.

University of Oklahoma

1. Pratt, Jeffrey J. (2001). *Implementing Constructivism and Technology into the Classroom.*
2. Richardson, Kerri Danielle, (2001). *Adventure Engineering: Development of a middle school science and math curriculum.*
3. Perry, Audra, (2000). *My Mirror: Reflections of my first five years of teaching.* ILAC – Elementary Mathematics Education.
4. Howey, Christopher (1998). *Learning Geometry through the Simulation Model of Teaching – ILAC Generalist*
5. Onan, Rebecca (1998). *The Changed Student: A Discussion of the Effects of Technology on the Student Brain.*

Teaching Awards

Outstanding Teaching Award, College of Education, 1995.

Teaching and Service Award from the Central Oklahoma Association of Teacher of Mathematics (COATM), 1994.

Recognition in Spotlight on Teaching (a publication of the University of Oklahoma) for the use of technology in the teaching of mathematics, April, 1992.

Service/Leadership Awards

Oklahoma Council of Teachers of Mathematics Award for Outstanding Leadership and Service, 2002

Research Awards

Elected to the Professors of Curriculum, inducted 2006

Teaching Grant Activities

- Summer Scholars Program (SSP), University of Oklahoma, Norman, Summer 1996, Mentoring two high school rising seniors engaged in educational research and curriculum development using the internet (PI/PD Bob Petry, Associate Dean, Arts and Sciences).
- Summer Scholars Program (SSP), University of Oklahoma, Norman, Summers 1993 – 1995, 1998 –1999 Mathematics Modeling and Chaos Theory (including using the internet). Course taught to high school rising juniors and seniors (PI/PD Bob Petry, Associate Dean, Arts and Sciences).
- Summer Scholars Program (SSP), University of Oklahoma, Norman, Summer 1995, Mentoring two high school rising seniors engaged in education research and curriculum development using the internet (PI/PD Bob Petry, Associate Dean, Arts and Sciences).
- Young Scholars Program (YSP), Duke University, Durham, NC, Summers 1989 – 1990, Introduction to Computer Science.
- Talent Identification Program (TIP), Duke University, Durham, NC, Summers 1987 – 1988, Introduction to Computer Science.

SERVICE

Professional Service

National

Officer in national organizations

- Treasurer, 2002-2004, Research Council for Mathematics Learning
Chair, Chaos and Complexity Special Interest Group of the AERA, 1998 – 2001
Vice President of Publications – Research Council for Diagnostic and Prescriptive Mathematics, 1997 – 1999

Committees in national organizations

- Conference Chair, Research Council for Mathematics Learning in 2004, 2003-2004.
Conference Chair, NCTM Regional in 2002, 1999 – 2002
Conference Co-chair, RCDPM 1997, 1996 – 1997
Finance Committee, School Science and Mathematics Association, 1993 – 1999
Dissertation Award Selection Committee, District III, Phi Delta Kappa, 1992, 1994
Phi Delta Kappa, Chapter Member Liaison, Region II, 2008-2010

National advisory boards

- Advisory Group for the joint project of AACTE and the National Center for Educational Accountability (NCEA), 2006-2007

Editorial Boards

- Journal of Curriculum & Pedagogy*, 2004-2007
Non-linear Dynamics in Psychology and the Life Sciences (NDPLS), 2005-2007
Focus on Learning Problems in Mathematics, 1999-2004

Consulting

Reviewer for Sage Publications, Curriculum book, 2003
Reviewer for D.C. Heath, Algebra II Textbook, 1991 – 1992

Reviewer professional journals

Journal of School Leadership (2001 - present)
Action in Teacher Education (2000 - present)
Journal for Research in Mathematics Education (1993 – present)
Journal of Teacher Education (1993 – 1995)
Mathematics Teaching in the Middle School (1993 – present)
Mathematics Thinking and Learning: An International Journal (2003 - present)
Nonlinear Dynamics, Psychology, and the Life Sciences (2003-present)
International Journal of Qualitative Studies in Education

Reviewer for national conference paper presentations

American Educational Research Association (AERA)

- Research in Mathematics Education Special Interest Group (SIG/RME), 1994 – 2003
- Chaos & Complexity Theories Special Interest Group, 1997 – present
- Division C, 1997 – present
- Organizational Theory SIG, 1999-2000
- Division B2, Curriculum Theorizing, 2000 - present
- Holistic Education SIG, 2000 - 2007

Psychology in Mathematics Education – National (PME-NA), 1994 – 1996
American Association of Colleges for Teacher Education (AACTE), 1994

Reviewer for NCATE (Nationally Trained Reviewer – NCTM)

Twelve member team reviewed mathematics folios for NCATE Accreditation, 1996, 2001
Oklahoma Commission on Teacher Preparation (OCTP)/NCATE folio review teams for mathematics, 1999-present.

Delegate to national/international assemblies (elected)

Phi Delta Kappa, two terms, 1992 – 1994, 1994 – 1996
National Council of Teachers of Mathematics, 1993 – 1995, 1997

Regional

Consulting – Grant Reviewer

Southwest Consortium for the Improvement of Mathematics and Science Teaching (SCIMAST)
Expert Review Panel for the Southwest Educational Development Laboratory (SEDL), Austin, TX, 1992 – 1998.

State and Local

Advisory boards/board of directors

Louisiana

Blue Ribbon Commission Advisory Board to the Board of Elementary and Secondary Education
Baton Rouge Literacy Coalition
Volunteers in Public Schools (VIPS) – Baton Rouge
Youth Leadership Committee – Baton Rouge
East Baton Rouge Parish Public Schools Guiding Coalition
Academic Distinction Fund Advisory Board – Baton Rouge

Oklahoma

Math 2001 – State Regents, 1998 – 2004
Coalition for the Advancement of Science and Mathematics in OK (CASMEO), 1997 – 2004
Moore-Norman Technology Center - Learning Skills Center, OK, 1990 – 2004
Educational Enrichment Advisory Committee, 1998 – 2000
Aim-Hi State Mathematics Contest, OK 1992 – 1997
Oklahoma Aerospace Academy Tutoring Program, 1992 – 1994
North Carolina Center For Mathematics and Science Education, UNC, 1983 –1988
Norman Chamber of Commerce Education Subcommittee, 2003-2004

Elected offices in state affiliated professional organizations

Phi Delta Kappa (PDK) – LSU Chapter #0049, President, 2008-2010

Oklahoma Council of Teachers of Mathematics (OCTM)

- Conference Chair, NCTM Regional OKC 2002, 1999 – 2002
- OU/OSU Representative, 1989 – 1993, 1995 – 1999, 2001-2005
- NCTM Representative, OCTM, 1993 – 1995
- Newsletter Co-Editor (Middle School), 1994
- Conference Co-chair for the 45th Annual Conference of OCTM, 1992

Central Oklahoma Association of Teachers of Mathematics (COATM)

- NCTM Representative, 1996 – 1997
- President, 1995 – 1996
- Present – Elect, 1994 – 1995

Phi Delta Kappa, Chapter 0025

- Vice – President (Membership), 1990 – 1993
- Delegate to International Congress, 1992 – 1996
- Research Awards Review Committee, 1997 – 1998

Reviewer for Grant Proposals

Proposal Evaluator, Dwight D. Eisenhower Mathematics and Science Education Program,
Oklahoma State Regents for Higher Education, December, 2001

Proposal Evaluator, Dwight D. Eisenhower Mathematics and Science Education Program,
Oklahoma State Regents for Higher Education, November, 1995

Proposal Evaluator, Youth Academies, Oklahoma State Regents for Higher Education,
November, 1996

Consulting

Bartlesville Public Schools, Mathematics Assessment Initiative, Bartlesville, OK, 2002-2003.
Tahlequah Public Schools, Middle School Mathematics Improvement Study, Tahlequah, OK,
1992 – 1993 school year

Service Grants

National Council of Teachers of Mathematics, Special Needs Grant for Central Oklahoma Association of Teachers of Mathematics (COATM), \$750, as President of COATM 1995 – 1996

Coalition for the Advancement of Science and Mathematics (CASMEO) and the Southwest Educational Development Lab (SEDL), for the Central Region affiliated group of CASMEO, \$1500, 1997

Chair/Co-Chair – Oklahoma State Department of Public Instruction, committee work

- Mathematics Grades 5 – 8 Companion document to Priority Academic Student Skills (PASS), June 1994
- Mathematics Grades 5 – 8 Priority Academic Student Skills (PASS) review for state Criterion Referenced Testing, June 1993
- Mathematics Grades 5 – 8 Priority Academic Student Skills (PASS) development committee, February 1993
- Student Competencies for College Success development committee, June 1992 – April 1993
- Expected Learner Outcomes in Mathematics development committee, February 1991 – May 1991

Committee Work – BESE Board, Louisiana

- High School Redesign Commission, Preparation and Development of Educators Work Group, 2005

Committee Work – Oklahoma State Department of Public Instruction

- Selection Committee for the State Mathematics Teacher of the Year, State Department of Education, 2001
- Oklahoma School Testing Program, O-SAT Validity Verification and Standard Setting, November 1999
- Oklahoma School Testing Program, Item Review for Mathematics Certification tests, 1998
- Oklahoma School Testing Program, Item Review Panel for state CRT, September 1995
- Oklahoma School Testing Program, Item Analysis of Pilot Date for PASS, September 1994
- Oklahoma School Testing Program, Item Review Panel, December 1993 – January 1994
- Oklahoma School Testing Program, Criterion Referenced Testing (CRT) Bid Evaluation Committee, Mathematics, June – 1993 and August 1993
- Presidential Awards for Excellence in Mathematics Teaching, March 1995
- Presidential Awards for Excellence in Mathematics Teaching, April 1992
- Presidential Awards for Excellence in Mathematics Teaching, May 1990

- Committee to write objectives for the state mandated CRT, April 1990

Professional Affiliations

National and International

International Association for the Advancement of Curriculum Studies (IAACS)
 American Association for the Advancement of Curriculum Studies (AAACS)
 Society of Philosophy and History of Education (SOPHE)
 Association of Curriculum and Pedagogy
 National Council Teachers of Mathematics (NCTM)
 Research Council for Mathematics Learning (formerly RCDPM)
 Association for Supervision and Curriculum Development (ASCD)
 American Education Research Association (AERA)
 Philosophy of Education Society (PES)
 Phi Delta Kappa (PDK)
 American Association of Colleges for Teacher Education (AACTE)
 Association of Mathematics Teacher Educators (AMTE)

State and Local

Louisiana Association of Colleges of Teacher Education (LACTE)
 Oklahoma Council of Teachers of Mathematics (OCTM)
 Metropolitan Area Math Supervisors Consortium

Workshops, In-Services and Other Presentations

1. LSU Honors College, *Curriculum Reform in China: A Complex Conversation*, Nov. 2007
2. Greater Baton Rouge LSU Alumni Association, *Delta Express: College of Education Collaborative Project at the Renaissance Village FEMA Trailer Park*, April, 2007.
3. LSU GEAR-UP Collaborative Team Workshop, *Colleges In Action*, January, 2007.
4. LSU College of Education Faculty Research Brownbag, *Reinventing colleges/schools of education*, October 27, 2006
5. LSU Student Teaching/Interns, *Educational Futures*, Fall, 2006
6. East Baton Rouge Parish School System, Teach Baton Rouge, *Teaching Complexly*, Summer, 2006.
7. LSU Geaux Teach, *Teaching Complexly*, Summer, 2006
8. LSU Lab School, University High National Honor Society Induction, *The History of America's Future*, Spring, 2006
9. LSU Student Teachers/Interns, *Who Are Your Educational Heroes?*, Spring, 2006
10. LSU STEP THRU STEM Summer Teacher In-Service, *Historical Understandings, Future's Unleashed*, Summer, 2005
11. Nichols State University, *Curriculum Dynamics*, Summer, 2005
12. KDE, *Creating Educational Futures*, Spring, 2005
13. LSU College of Education, Holmes Graduates, *Passions, Paths, and Possibilities*. Fall, 2004.
14. Mid/Del Public Schools, Middle school teacher preparation for mid-level mathematics certification exams, November – May 1999 – 2000
15. Mid/Del Public Schools/Rose State Mathematics Consortium, *What is Modern About Modern mathematics: Explorations of the Infinite*, November 1995, 2 hours

16. Phillips Petroleum, *Calculators in the Classroom: More than a Computational Tool: Problem Solving and Cooperative Learning using the TI-Explorer*, Presentation to middle school mathematics teachers, September 1995, 4 hours in Tulsa and 4 hours in Oklahoma City
17. Oklahoma State Department of Education, Chapter, I, *Empowering Students for Success: Problem Solving and Cooperative Learning*. Presentation to 7 – 12 mathematics teachers, principals, and Chapter I coordinators, June 1995, 1.5 hours
18. Mid/Del Public Schools, Oklahoma City, *Cooperative learning and calculators*. Presentation to 6 – 12 grade mathematics teachers, September 1994, 3 hours
19. Norman Public Schools, Norman, OK, June 1994, *Powerful manipulatives: K – 12 applications for tangrams*, Presentation to K – 12 mathematics teachers, 3 hours
20. Mathematics Education Faculty, Oklahoma State University, Stillwater, OK, December 1993. *Graphing calculator applications: a Casio project update*, 1.5 hours
21. University of Oklahoma, Norman, OK, October 1993, *Training of trainers workshop for graphing calculator dissemination-Phase II*, 1 day
22. University of Oklahoma Norman, OK, *Practicum for clinical instructors training*, Summers 1991 - 1994, 3 hours each summer
23. University of Oklahoma, Norman, OK, May 1992, *Training of trainers workshop for graphing calculator dissemination-Phase I*. 1 day
24. West Mid-High, Norman, OK, March 1991, *Incorporating alternative materials and strategies in the teaching of high school mathematics: Management issues and concerns*. 1 day
25. Santa Fe Elementary School, Moore, OK, March 1991, *Mathematics anxiety: Research results and preventative measures*, faculty presentation, 2 hours
26. University of Oklahoma, Norman, OK, February 1991, *An Introduction to TE-PLUS for Public School Administrators and Counselors*, Presentation to public school superintendents, principals, and counselors, 3 hours
27. Norman Retired Teachers Association, Norman, OK, February 1991, *An Introduction to TE-PLUS for Retired Teachers*, 3 hours
28. Norman Public Schools, Norman, OK, October 1990, *Implementing the Standards in middle school mathematics*. Presentation to mathematics teachers in grades 6 – 12, 1 day
29. Oklahoma Center for Continuing Education, OU, June 1990, *Developing math concepts in K – 2 mathematics*. 3 days
30. Center for Mathematics and Science Education, UNC-CH, Fall 1988, *Teaching the advanced placement computer science curriculum-scope and sequence*, 1 day
31. Center for Mathematics and Science Education, UNC-CH, Summer 1988. *Abstract data structures and the second semester AP computer science curriculum*, 8 days
32. Center for Mathematics and Science Education, UNC-CH, Spring 1988, *Introduction to Pascal*, 3 days
33. Center for Mathematics and Science Education, UNC-CH, Summers 1983 – 1984. Learning BASIC, 15 days each summer
34. Division of Arts and Science, UNC-CH, Summer 1984, Faculty Training project using the IBM- PC, 10 days

University Service

University Level

Elected committee work

Faculty Senate, 1998 – 2001
Athletic Council, 1998 – 2002 (chair, 2000-2001), Program Review (2003)
Gender Equity Subcommittee of the Athletic Council, 1998-2000, (chair), 2001-2002,
(Chair of gender equity subcommittee for developing five year plan, 2003-2003)
University Copyright Committee, 1996 – 1997
Graduate College Academic Appeals Panel, 1994 – 1995
Lottinville Prize Selection Committee, 1991 – 1994

Other

Center for Computation and Technology (CCT) Executive Advisory Committee,
LSU, (2005-2006)
Service Learning Advisory Council, LSU, (2005-2006)

Director, Independent and Distance Education, College of Continuing Ed, 2003
International Exchange Programs Advisory Committee, 2000-2004
Music Education Faculty Search Committee, 2000-2001
Search Committee, Dean of Arts and Sciences, 1996 – 1997
Speakers Service, 1996 – 1997, Topics: Chaos Theory and Learning Organizations:
Transforming Schools and Preparing our Children for the 21st Century: Who,
What, and How?
Speakers Service, 1995 – 1996, Topic: Chaos Theory and Learning Organizations:
Transforming Schools
Speakers Service, 1994 – 1995, Topic: National Standards and Mathematics Learning

College Level

Elected committee work

College of Education Faculty Governance, 1997 – 1999
Education Professions Divisions (EPD) executive committee, 1991 – 1993, 1998 – 2000
Chair of Certification Chairs subcommittee of EPD, 1995 – 1996
College of Education Computer Committee, 1995 – 1998
Division of Teacher Education (DTE) executive committee, 1992 – 1994
College of Education Academic Misconduct and Appeals Board, 1991–1993, 1993–1996

Other committee work

Administrative Council, 1999-present
Graduate Student Advisory Council (faculty sponsor), 1999-present
Chair, Mathematics Certification Committee, EPD, 1990-present
Chair, Graduate Student Advisory Council, 1999-present
Chair, College of Education Research Committee, 1999-present
COE Administrative Council, 1999 – present
COE Board of Advocates, 1999 – present
EPD Advisory Board, 1999 – present
Norman Public Schools Leadership Committee, 1999-present
Dean's Facilitators Committee, 1995 – 1996, 2003 - 2004
Graduate Teaching Assistant Awards Selection Committee, 1992

College of Education Scholarship Selection Committee, 1990 – present
Elementary Education Certification Committee, 1991 – present
College of Education Outstanding Senior Selection Committee, 2002
College of Education Academic Misconduct, chair, 1999-present
TEACH test review of non-native speakers, 2000-2002
TE-Plus Task Force

Department

Governing Committees

Committee A (departmental governing committee with 2 elected faculty representatives),
1995 – 1997
Graduate Studies Committee (1993 – 1994, 1995 – 1997, 2002 – 2005)

Program development

Coordinator, Mathematics Education, 1989 – present
Class scheduling, mathematics education laboratory operation, hiring of adjunct
and graduate student teaching assistants, supervising and coordinating
mathematics methods classes, writing and supervising masters and doctoral
programs in mathematics education, NCATE/NCTM/OCTP accreditation
portfolio preparation and rejoinder.
Director, Institute for Research in Teacher Education, 1990 – 1991
Department Liaison, Departmental Review, 1990
NCATE, World of Practice, NCATE document preparation, 1990

Chair/Co-Chaired – Faculty search committees

Department Chair Search Committee, (chair) ILAC, 1999-2000 (unfilled), 2000-2001
Mathematics Education Search Committee, ILAC, 1992 – 1993 (position filled)
Mathematics Education Search Committee, ILAC, 1990 – 1991 (position filled)
Field Experience Search Committee, ILAC, (co-chair), 1989 – 1990 (position filled)

Member – Faculty search committees

Mathematics Education Search Committee, Dept. of Math., 1995 – 1996 (filled)
Mathematics Education Search Committee, Dept. of Math., 1993 – 1994 (filled)
Mathematics Education Search Committee, Dept. of Math., 1992 – 1993 (open)
Science Education Search Committee, ILAC, 1989 – 1990 (filled)