

Academic History

Name: Robert C. Wicklein

Present rank: Professor

Proportion time assignments:

Instruction	45%
Research	30%
Service	0%
Administration	0%

Tenure status: Tenured - 1996

Graduate faculty status: Full Member, Appointed 1994

Highest degree, institution, date: Ed.D., Virginia Polytechnic Institute and State University, 1986

List of academic positions:

August 2002 – Present, Professor, Department of Occupational Studies, College of Education, University of Georgia, Athens, GA.

September, 1997 – 2004, Graduate Coordinator, Department of Occupational Studies, College of Education, University of Georgia, Athens, GA.

September, 1996 – August 2002, Associate Professor, Department of Occupational Studies, College of Education, University of Georgia, Athens, GA.

September, 1991 – August, 1996, Assistant Professor, Department of Occupational Studies, College of Education, University of Georgia, Athens, GA.

July, 1991 – August, 1991, Associate Professor, School of Occupational Education, College of Education, Oklahoma State University, Stillwater, OK.

August, 1986 – June, 1991, Assistant Professor, School of Occupational Education, College of Education, Oklahoma State University, Stillwater, OK.

September, 1983 – June, 1986, Graduate Assistant, Division of Vocational Education, Technology Education Program, Virginia Polytechnic Institute and State University, Blacksburg, VA.

August, 1981 – August, 1983, Technology Education Teacher, John Rolfe Middle School, Sandy Springs, Henrico County, VA.

August, 1980 – June, 1981, Technology Education Teacher, Schutz International School, Alexandria, Egypt

August, 1978 – June, 1980, Technology Education Teacher, Mountain Brook Junior High School, Mountain Brook, AL.

Other professional employment:

July, 1969 – July, 1973, Member – U.S. Navy, Helicopter Mine Countermeasure Squadron 12, Home Port – Norfolk, VA, Primary duty station – Haiphong, North Vietnam

Scholarly Activities

Publications (* refereed, ** invited, % effort by Wicklein in multiple authors publications):

Books edited and co-edited:

Wicklein, R.C. (Ed.). (2001). Appropriate technology for sustainable living, Council on Technology Teacher Education New York: Glencoe/McGraw-Hill.

Chapters in books:

**Wicklein, R.C. & Thompson, S.A. (2008). The unique aspects of engineering design In Custer, R., & Ereksion, T.L., (Eds., 2008). *Engineering and technology education* Council of Teachers of Technology Education Yearbook, Peoria, IL: Mission Hills, CA: Glencoe/McGraw-Hill Publishers

**Wicklein, R.C. (2004). Ethics and the assessment of technological impacts on society In R. Hill (Ed.). *Ethics for citizenship in a technological world.* pp. 123-143. New York: Glencoe/McGraw- Hill.

**Wicklein, R. C. & Kachmar, C. J. (2001). Philosophical rationale for appropriate technology In R. Wicklein. (Ed.). Appropriate technology for sustainable living. pp. 3-21. New York: Glencoe/McGraw-Hill. (80%)

**Wicklein, R. C. (2000). Technology with a human face In G. Martin. (Ed.), Technology education for the 21st Century: A collection of essays, pp. 135-141. New York: Glencoe/McGraw-Hill.

** Wicklein, R. C. (1999). Design technology and science: The perfect partners. In T.R. Koballa & D.J. Tippins (Eds.), Cases in middle and secondary science education: The promise and dilemmas, pp. 199-200. Upper Saddle River, NJ: Merrill/Prentice Hall.

**Daugherty, M. K. and Wicklein, R. C. (1996). The military In R.L. Custer & A.E. Wiens (Eds.), Technology and the quality of life, pp. 119-170. New York: Glencoe/McGraw-Hill. (50%)

Journal articles:

- *Kelley, T.R. & Wicklein, R.C. (2009). Examination of assessment practices for engineering design projects in secondary education. Journal of Industrial Teacher Education, 46(1), 6-31.
- *Denson, C.D., Kelley, T.R. & Wicklein, R.C. (2009). Integrating engineering design into technology education: Georgia's perspective. Journal of Industrial Teacher Education, 46(1), 81-102.
- *Wicklein, R.C., Smith, P.C. & Kim, S.J. (2009). Essential concepts of engineering design curriculum in secondary technology education. Journal of Technology Education, 20(2), 65-80.
- * Gattie, D.K. & Wicklein, R.C. (2007). Curricular value and instructional needs for infusing engineering design into K-12 technology education. Journal of Technology Education, 19(1), 6-18.
- *Wicklein, R.C. (2006). 5 Good reasons for engineering as the focus for technology education. The Technology Teacher, 65(7), 25-29.
- * Wicklein, R.C. (2005). Appropriate technology: Value adding application for technology education. The Technology Teacher, 65(1), 10-12.
- * Wicklein, R.C. (2004). Critical issues and problems in technology education. The Technology Teacher, 64(4), 6-9.
- * Hill, R.B. & Wicklein, R.C. (2000). Great expectations: Preparing technology education teachers for new roles and responsibilities. Journal of Industrial Teacher Education, 37(3), 72-80. (50%)
- * Wicklein, R. C. & Rojewski, J. W. (1999). Toward a "unified curriculum framework" for technology education. Journal of Industrial Teacher Education, 36(4), 38-56. (50%)
- * Hill, R. B. & Wicklein, R. C. (1999). A factor analysis of primary mental processes for technological problem solving. Journal of Industrial Teacher Education, 36(2), 83-100. (50%)
- * Wicklein, R. C. (1998). Designing for appropriate technology in developing countries. Technology In Society, 20(3), 371-375.
- * McGee, L. P. & Wicklein, R. C. (1997). Technology education in perspective: Clearer vision necessary. The Technology Teacher, 57(2), 17-20. (50%)
- * Wicklein, R. C. (1997). Curriculum focus for technology education. Journal of Technology Education, 8(2), 73-80.
- * Wicklein, R. C. & Hill, R. B. (1996). Navigating the straits with research or opinion? Setting the course for technology education. International Journal of Technology and Design Education, 6(1), 31-43. (50%)
- * Hill, R. B., Wicklein, R. C. & Daugherty, M. K. (1996). Technology education in transition: Perceptions of technology education teachers administrators, and guidance counselors. Journal of Industrial Teacher Education, 33(3), 6-22. (50%)
- * Wicklein, R. C. & Rojewski, J. W. (1995). The relationship between psychological type and professional orientation among technology education teachers. Journal of Technology Education, 7(1), 57-74. (50%)

* Rojewski, J. W., Wicklein, R. C. & Schell, J. W. (1995). Effects of gender and academic-risk behavior on the career maturity of rural youth. Journal of Research in Rural Education, 11(2), 92-104. (30%)

* Wicklein, R. C. & Schell, J. W. (1995). Case studies of multidisciplinary approaches to integrating mathematics, science, and technology education. Journal of Technology Education, 6(2), 59-76. (50%)

* Schell, J. W. & Wicklein, R. C. (1993). Integration of mathematics, science, and technology education: A basis for thinking and problem solving. Journal of Vocational Education Research, 18(3), 49-76. (50%)

* Wicklein, R. C. (1993). Identifying critical issues and problems in technology education using a modified-delphi technique. Journal of Technology Education, 5(1), 54-71.

* Wicklein, R. C. (1993). Developing goals and objectives for a process-based technology education curriculum. Journal of Industrial Teacher Education, 30(3), 66-80.

* Daugherty, M. K. & Wicklein, R. C. (1993). Mathematics, science, and technology teachers' perspectives of technology education. Journal of Technology Education, 4(2), 30-45. (50%)

* Wicklein, R. C. (1992). Curriculum development in technology education. The Technology Teacher, 51(5), 23-25.

** Wicklein, R. C., Hammer, D., Balistreri, J., DeVore, P., Scherr, S., Boudreua, W., & Wright, J. (1991). Technology education demonstration projects: Multidisciplinary approaches to technology. The Technology Teacher, 51(3), 3-8. (50%)

* Wicklein, R. C. (1990). Changing directions in the industrial arts division of the American Vocational Association. Journal of Industrial Teacher-Education, 28(1), 7-16.

* Wicklein, R. C. (1989). A process for changing teacher education programs. The Technology Teacher, 49(2), 23-26.

* Wicklein, R. C. & Sanders, Ray E. (1989). Is the way you teach the way they learn: Matching teaching style with student learning style. Occupational Education Forum, 18(1), 1-7. (50%)

** Wicklein, R. C. (1991). Certifying technology education teachers. The Technology Teacher, 50(4), 23-25.

Bulletins or reports:

** Wicklein, R. C. (2007). Investigation of engineering design as a focus for Georgia technology education. Georgia Department of Education. Atlanta, GA. (printed document)

** Wicklein, R. C. (2004). Bridges for engineering education. National Science Foundation. Washington, DC. (final report)

** Wicklein, R. C. (2001). Georgia's curriculum framework for technology education. Georgia Department of Education. Atlanta, GA. (printed document)

** Wicklein, R. C. (2001). Georgia's technology education program support materials. Georgia Department of Education. Atlanta, GA. (printed document)

** Wicklein, R. C. (1999). Georgia's academic standards for technology education. Georgia Department of Education. Atlanta, GA. (printed document)

** Wicklein, R.C. (1997). Processes of a technologist: Key curriculum component for technology education. Technical Foundation of America. San Marcos, TX. (final report)

** Wicklein, R.C. (1993). Technology education demonstration project. U.S. Department of Education. Washington, D.C. (final report)

** Wicklein, R.C. (1993). Development of a curriculum framework for secondary level technology education. Technical Foundation of America. San Marcos, TX. (final report)

** Wicklein, R.C. (1992). Critical issues and problems in technology education. Technical Foundation of America. San Marcos, TX. (final report)

** Wicklein, R.C. (1989). Principles of technology: The Oklahoma experiment. Oklahoma Department of Vocational and Technical Education. Stillwater, OK. (final report)

Book reviews:

Wicklein, R.C., Hames, C.D. & Rufo, K.A. (2001). Are we thinking about technology? [Review of the book Thinking about technology: Foundations of the philosophy of technology]. Journal of Technology Education, 13(1), 73-76.

Grants received:

Wicklein, R.C. & Mativo, J. (2008). Learning Effects and Attitudes of Design Strategies on High School Students. Funded by National Center for Engineering and Technology Education – National Science Foundation. (\$44,207)

Wicklein, R.C. (2008). Expanding Technology and Engineering Career Pathways in Georgia. Funded by University of Georgia Office of STEM Education. (\$8,000)

Wicklein, R.C. (2008). Engineering and Technology Education STEM Learning Community. Funded by University of Georgia Office of STEM Education. (\$2,000)

Hill, R.B. & Wicklein, R.C. (2007). Investigation of Engineering Design as a Focus for Georgia Technology Education. Funded by Georgia Department of Education. (\$27,760)

Wicklein, R.C., Gattie, D.K., & Neuharth-Pritchett, S. (2005). Engineering Design Cognitive Capabilities Evaluation Instrument. Funded by National Center for Engineering and Technology Education – National Science Foundation. (\$10,000)

Wicklein, R.C., Hill, R.B., Gattie, D.K. & Thompson, S. (2004). National Center for Engineering and Technology Education. Funded by National Science Foundation. (\$945,505)

Wicklein, R.C. & Thompson, S. (2002). Bridges for engineering education. Funded by National Science Foundation. (\$100,000)

Wicklein R.C. & Hill, R.B. (2002). Technology teacher in-service education. Funded by the National Science Foundation. (\$64,134).

Wicklein, R.C. (2000, 2001). Development of Georgia's technology education curriculum framework. Funded by Georgia Department of Education. (\$35,019).

Wicklein, R.C. (2000, 2001). Development of support materials for Georgia's technology education programs. Funded by Georgia Department of Education. (\$15,001).

Wicklein, R.C. (1999). Development of technology education academic standards in the State of Georgia. Funded by Georgia Department of Education. (\$15,946).

Wicklein, R.C. (1996, 1999, 2000), Learning effects of modular curriculum design on technology education. Funded by Technical Foundation of America. (\$36,126).

Wicklein, R.C. & Hill, R.B. (1996, 1997). A qualitative analysis of technology education goals and objectives. Funded by Council on Technology Teacher Education. (\$12,500).

Wicklein, R.C. (1995, 1996, 1997). Processes of a technologist: Key curriculum component for technology education. Funded by Technical Foundation of America. (\$32,538).

Wicklein, R.C. (1993). Systematic integration of teacher education curriculum. Funded by UGA Faculty Research Grants. (\$4,652).

Wicklein, R.C. (1991, 1992). Critical issues and problems in technology education. Funded by Technical Foundation of America. (\$9,025).

Wicklein, R.C. (1990, 1991, 1992, 1993). Technology education demonstration project. Funded by U.S. Department of Education. (\$423,130).

Wicklein, R.C. (1990, 1991, 1992). Development of a curriculum framework for secondary level technology education. Funded by Technical Foundation of America. (\$15,060).

Wicklein, R.C. (1988, 1989). Principles of technology curriculum review/experiment. Funded by Oklahoma Department of Vocational and Technical Education. (\$17,500).

Recognitions and outstanding achievements

2001 Vice President, Council on Technology Teacher Education

2000 *Fellow*, Technical Foundation of America

2000 Technology Teacher Educator of the Year, Council on Technology Teacher Education

2000 International Fellows Program, International Studies, University of Georgia

1999 Technology Education Division Research Symposium Award, American Vocational Association

1997 Technology Education Division Research Symposium Award, American Vocational Association

1997 Outstanding Teaching Award, Department of Occupational Studies, University of Georgia

- 1996 Silvius / Wolansky Outstanding Research Publication Award, International Technology Education Association
- 1995 Distinguished Technology Educator, International Technology Education Association
- 1995 Outstanding Faculty Advisor, Technology Education Collegiate Association
- 1994 Technology Education Division Research Award, American Vocational Association
- 1993 Technology Education Division Research Award, American Vocational Association
- 1992 Technology Education Division Research Award, American Vocational Association
- 1992 Outstanding Young Technology Educator, International Technology Education Association
- 1989 Outstanding Service Award, Technology Education Division of the American Vocational Association

Supervision of student research

The University of Georgia (completed through May 2007)

<u>Degree</u>	<u>Major Professor</u>		<u>Committee Member</u>
	<u>Completed</u>	<u>Current</u>	<u>Completed</u>
MEd	29	7	4
EdS	5	1	1
EdD	5	6	7
PhD	1	2	1

Oklahoma State University

<u>Degree</u>	<u>Major Professor</u>		<u>Committee Member</u>
	<u>Completed</u>		<u>Completed</u>
MEd	3		7
EdD	2		5

Dissertations directed:

Kelley, Todd R. (2008). Examination of engineering design in curriculum content and assessment practices of secondary technology education. The University of Georgia, Athens

Smith, Phillip C. (2006). Essential aspects and related academic concepts of an engineering design curriculum in secondary technology education. The University of Georgia, Athens

Templeton, Dennie, E. (1999). Reoccurring themes, goals, and objectives in technology education curriculum literature. EdD Dissertation. The University of Georgia, Athens.

Hamlin, Teresa, L. (1998). The development of a perceived needs instrument for Georgia's adult agricultural education program. EdD Dissertation. The University of Georgia, Athens.

Daugherty, Michael K. (1991). A comparison of characteristics associated with technology education. EdD Dissertation. Oklahoma State University, Stillwater.

Renfrow, Duane A. (1991). Developing an instrument to survey the perceptions of industrial representatives concerning the educational requirements of industrial technology majors. EdD Dissertation, Oklahoma State University, Stillwater.

Editorship or editorial board member of journals:

1997-Present Editorial Review Board Member, Journal of Technology Education.
Council on Technology Teacher Education.

1991-97 Consulting Editor and Chairperson, Editorial Review Board. The Technology Teacher, International Technology Education Association.

Convention papers:

Kelley, T. & Wicklein, R. (2008, February). Redirecting technology education: Engineering design focus. Paper presented at International Technology Education Conference, Salt Lake City, UT.

Denson, C., Kelley, T., & Wicklein, R. (2008, February). Integrating engineering design-the Georgia perspective: Status of engineering design in Georgia's technology education programs. Paper presented at International Technology Education Conference, Salt Lake City, UT.

Wicklein, R. & Kelley, T. (2007, March). Making engineering work in your school. Paper presented at International Technology Education Conference, San Antonio, TX.

Wicklein, R. & Kelley, T. (2007, March). Redirecting university technology education: Engineering design focus. Paper presented at International Technology Education Conference, San Antonio, TX.

Wicklein, R. & Kelley, T. (2006, October). Back to the classroom: A guided plan and application of engineering design for high school curriculum. Paper presented at University of Wisconsin-Stout Technology Education Conference, Menomonie, WI.

Gattie, D. & Wicklein R. (2005, June). Curricular value and instructional needs for infusing engineering design into K-12 technology education. Paper presented at the American Society of Engineering Educators Conference, Portland, OR.

Wicklein, R. & Gattie, D. (2005, March). Engineering design focus for technology education. Paper presented at International Technology Education Conference, Kansas City, KS.

Wicklein, R.C. (2004, March). Bridges for engineering education: University of Georgia's summer engineering institute. Paper presented at the CTTE Research/International Technology Education Association Conference, Albuquerque, NM.

Wicklein, R.C. (2004, March). Design criteria for sustainable development in appropriate technology. Paper presented at the PATT-14/International Technology Education Association Conference, Albuquerque, NM.

Wicklein, R.C. (2004, March). 5 Good reasons for engineering as the focus for technology education. Paper presented at the International Technology Education Association Conference, Albuquerque, NM.

Wicklein, R.C. (2003, October). 5 Good reasons for engineering as the focus for technology education. Paper presented at the Mississippi Valley Technology Education Conference, Nashville, TN

Wicklein, R.C. (2001, March). Philosophical rationale for appropriate technology. Paper presented at the International Technology Education Association Conference, Atlanta, GA.

Wicklein, R.C., Kachmar, C.J. (2001, March). Appropriate technology: Technology with a human face. Paper presented at the International Technology Education Association Conference, Atlanta, GA.

Wicklein, R.C., Welty, K.R., & Johnson, T.L. (2001, March). Everyone has opinions. Who has the data? Paper presented at the International Technology Education Association Conference, Atlanta, GA.

Wicklein, R.C. (2001, March). Technology as if people mattered: Appropriate technology in the Classroom. Paper presented at the Futuring in Technology Teacher Education Conference, Salt Lake, UT.

Wicklein, R.C. (2000, October). Philosophical rationale for appropriate technology. Paper presented at the South Eastern Technology Education Conference, Atlanta, GA.

Wicklein, R.C. & Johnson, T.L. (2000, May). Action research in technology education. Paper presented at the Georgia Industrial Technology Education Association Spring Exposition, Macon, GA.

Wicklein, R.C. (2000, April). Critical issues and problems in technology education. Paper presented at the International Technology Education Association Conference, Salt Lake City, UT.

Wicklein, R.C. & Barker, R.G. (2000, April). Modules in the technology education classroom: Comparison of educator perspectives. Paper presented at the International Technology Education Association Conference, Salt Lake City, UT.

Hill, R.B. & Wicklein, R.C. (1999, December). Technology teacher education and the changing roles of technology education teachers. Paper presented at the Technology Education Division of the Association of Career and Technical Education Conference, Orlando, FL.

Wicklein, R.C. (1999, December). Development of a perceived needs instrument for Georgia's adult agricultural education program. Paper presented at the American Vocational Research Association of the Association of Career and Technical Education Conference, Orlando, FL.

Wicklein, R.C. (1999, October). The case for standards: Georgia academic standards for technology education. Paper presented at the Georgia Industrial Technology Education Association Conference, Suwanee, GA.

Wicklein, R.C. (1999, October). Critical issues and problems in technology education. Paper presented at the South Eastern Technology Education Conference, Clemson, SC.

Wicklein, R.C. (1999, May). Academic standards for technology education. Paper presented at the Georgia Industrial Technology Education Association Expo, Macon, GA.

Wicklein, R.C., Hill, R.B. & Katchmar, C.J. (1999, March). How appropriate is appropriate technology in the secondary curriculum? Paper presented at the International Technology Education Association Conference, CTTE Research Poster Session, Indianapolis, IN.

Wicklein, R.C. (1998, March). A factor analysis of mental processes used by technologists. Paper presented at the International Technology Education Association, CTTE Research Poster Session, Fort Worth, TX.

Wicklein, R.C. & Hill, R.B. (1998, March). Appropriate technology and the technology education curriculum. Paper presented at the International Technology Education Association Conference, Fort Worth, TX.

Wicklein, R.C. (1998, May). Mental processes as a basis for technology education. Paper presented at the Georgia Industrial Technology Education Association Expo, Macon, GA.

Hill, R.B. & Wicklein, R.C. (1997, December). A factor analysis of mental processes for problem solving. Paper presented at the Technology Education Division of the American Vocational Association Conference, Las Vegas, NV.

Wicklein, R.C. (1997, September). Appropriate technology and the third world: Identifying criteria to determine appropriateness. Paper presented at the International Conference on Educational Policy and the Expansion of Technology, Education and Technology: Asking the Right Questions, State College, PA.

Wicklein, R.C. & Hill, R.B. (1997, March). Mental methods of inquiry used by technologists to solve problems. Paper presented at the International Technology Education Association Conference, CTTE Research Poster Session, Tampa, FL.

Wicklein, R.C. (1996, June). Curriculum focus for technology education. Paper presented at the Critical Issues in Technology Education Conference, Technical Foundation of America, Maui, HI.

Wicklein, R.C. (1996, April). Please understand us: Considering psychological type differences as a basis for understanding professional orientation. Paper presented at the International Technology Education Association Conference, CTTE Research Poster Session, Phoenix, AZ.

Wicklein, R.C. & Hill, R.B. (1995, March). The path less traveled: A researchers' perspective of critical issues & problems in technology education. Paper presented at the International Technology Education Association Conference, CTTE Research Poster Session, Nashville, TN.

Wicklein, R.C., Hill, R.B., & Daugherty, M.K. (1994, December). Technology education in transition: Perceptions of teachers, administrators, and guidance counselors. Paper presented at the American Vocational Association Annual Conference, AVERA Research Paper, Dallas, TX.

Wicklein, R.C. & Hill, R.B. (1994, December). Obstacles impacting the future of technology education: A factor analysis of critical issues and problems in

technology education. Paper presented at the American Vocational Association Annual Conference, TED/NAITTE Research Symposium, Dallas, TX.

Wicklein, R.C. & Schell, J.W. (1993, December). Evaluation results from the mid-America technology demonstration project: Implications for teacher education. Paper presented at the American Vocational Association Conference, NAITTE Presentation, Nashville, TN.

Wicklein, R.C. & Schell, J.W. (1993, December). Multivariate and descriptive discriminate analysis of multidisciplinary approaches to integrating mathematics, science, and technology education in the high school. Paper presented at the American Vocational Association Conference, TED/NAITTE Research Symposium, Nashville, TN.

Wicklein, R.C. (1993, April). Critical issues and problems in technology education. Paper presented at the International Technology Education Association Conference, CTTE Presentation, Charlotte, NC.

Wicklein, R.C. (1993, April). Integrating technology education with the core curriculum: Evaluation results from the mid-American technology education demonstration project. Paper presented at the International Technology Education Association Conference, Charlotte, NC.

Wicklein, R.C. (1992, December). Where do we go from here? Analyzing the critical issues and problems in technology education. Paper presented at the American Vocational Association Conference, TED/NAITTE Research Symposium, St. Louis, MO.

Wicklein, R.C. (1992, March). Reports from the US department of education: The national technology education demonstration projects. Paper presented at the International Technology Education Association Conference, Minneapolis, MN.

Wicklein, R.C. (1992, March). Curriculum framework for secondary level technology education: A relevant and personal approach to curriculum development. Paper presented at the International Technology Education Association Conference, Minneapolis, MN.

Wicklein, R.C. (1991, March). Curriculum framework for secondary level technology education: A relevant and personal approach to curriculum development. Paper presented at the International Technology Education Association Conference, Salt Lake City, UT.

Wicklein, R.C. (1989, December). Principles of technology: Coordinated curriculum for technological literacy. Paper presented at the International Technology Education Association Conference, Dallas, TX.

Wicklein, R.C. (1988, December). Report of research on technology education issues. Paper presented at the American Vocational Association Conference, St. Louis, MO.

Wicklein, R.C. (1988, March). Changing industrial arts curriculum through the DACUM process. Paper presented at the International Technology Education Association Conference, Norfolk, VA.

Wicklein, R.C. & Sanders, R. (1987, December). Matching teaching styles with student learning styles. Paper presented at the American Vocational Association Conference, Las Vegas, NV.

Public Service

International:

2001, March. Workshop on appropriate technology. 2 day workshop to selected faculty and students of the University of Costa Rica. San Jose, Costa Rica.

2001, March. Joint research and practice in appropriate technology. Presentation to selected faculty and students of the University of Costa Rica. San Jose, Costa Rica.

2000, March. Technology with a human face: The case for appropriate technology. Presentation to engineering students and faculty of the University of Costa Rica. San Jose, Costa Rica.

2000, March. Appropriate technology and the developing world: Identifying criteria to determine appropriateness. Presentation to Costa Rican Institute of Technology. San Jose and Guapiles, Costa Rica.

2000, March. Establish liaisons with representatives of the University of Costa Rica, Costa Rican Institute of Technology, Finca Tinamaste, Instituto Nacional de Aprendizaje (National Institute of Learning) to develop official connections with the University of Georgia.

National:

2001-2003	Vice President, Council on Technology Teacher Education
1987-1988	Chairperson, Ad Hoc Committee on Technology Education, Industrial Arts Division of the American Vocational Association

- 1988-1991 Research Committee, Technology Education Division, American Vocational Association
- 1989-1991 Standards and Credentials Committee, International Technology Education Association
- 1988-1994 Accreditation Committee, Council on Technology Teacher Education
- 1989-1990 Technology Student Association Task Force, Council on Technology Teacher Education
- 1994 Consultant, Technical Foundation of America
- 1994-2001 Research Committee Chairperson, Council on Technology Teacher Education

State or Regional:

- 1992-Present Event Judge, Annual Conference, Georgia Technology Student Association
- 1994-1996 Area Co-Chairperson, Georgia Industrial Technology Education Association

Local Community:

- 1996-Present Steering Committee Member, Christian Faculty Forum, The University of Georgia

Other Service

Department of Occupational Studies

- 1991-1997 Advisor, UGA - Technology Education Collegiate Association
- 1992-1994 Academic Affairs Committee
- 1995-1997 Faculty Enhancement Committee
- 1999-2000 Ph.D. Proposal Committee
- 1999-2000 Strategic Planning Committee
- 1997-2004 Graduate Coordinator

School of Leadership and Lifelong Learning

- 1999-2001 Policy and Planning Committee

College of Education

- 2007 - Present COE Faculty Senate Nominating Committee
- 2006 - Present COE Research Advisory Committee
- 1994-1997 Faculty Senate
- 1996-1998 Undergraduate Student Appeals Committee

2001-2003 Curriculum Committee

Faculty of Engineering

2008-Present Chair, Engineering Education Research Group

2006-Present Curriculum Committee

Graduate School

1994-Present Full Member Graduate Faculty

1997-2004 Graduate Coordinator, Department of Occupational Studies

Professional Organizations Membership:

1986-Present International Technology Education Association

1987-Present Council on Technology Teacher Education

1991-Present Georgia Industrial Technology Education Association

1986-1994 American Vocational Association

1986-1991 Oklahoma Technology Education Association

1986-1991 Oklahoma Vocational Association

1986-1995 World Futures Association

1991-1993 Georgia Vocational Association

1999-2002 Association for Career and Technical Education

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