Martha M. Day, Ed.D.

Curriculum Vitae

Mailing Address:	Contact Information:
8741 New Glasgow Road	Email: Martha.day@wku.edu
Scottsville, KY 42164	Telephone: 615-319-1099

Education:

Tennessee State University, Doctor of Education Major Area; Education Administration, August 1998

Dissertation: A study of the current status of block scheduling programs employed in Tennessee public high schools

Major Professor: Dr. Paul Caraher

Austin Peay State University, Master of Arts in Education, Curriculum and Instruction, December 1993

Tennessee Teacher Licensure: Chemistry, Biology, Physics, General Science, Earth and Space Science, K-12 Administrator and Career Ladder I

Austin Peay State University, Bachelor of Science, Chemistry and Agriculture, August 1990

Professional Experience:

Education Co-Director, SKyTeach at Western Kentucky University, Bowling Green, Kentucky, 12/10-present

Executive Director, GSKyTeach Partnership between Western Kentucky University and Jefferson County Public Schools 7/11-present

Program Director, GSKyTeach Partnership between Western Kentucky University and Jefferson County Public Schools 12/10-6/11

Assistant Professor of Science Education, School of Teacher Education, Western Kentucky University, Bowling Green, Kentucky, 8/09-present

Provides leadership to the GSKyTeach and SKyTeach faculty and staff in its daily operations and guides the agencies' advisory boards in long term planning within the framework of its strategic plan. Serves as a liaison among the UTeach Institute, Western Kentucky University and other UTeach replication sites. Supervises and schedule workload assignments of professors and master teachers. Possesses management skills with budgets, grants, and contracting of services. Prepares state teacher certification, supervises clinical teacher experiences and advises students in associated programs. Driving influences on not only the organization but the surrounding community.

Assistant Professor, Chemistry & Science Education, Utah Valley University, Orem, Utah, 8/08-7/09

Taught undergraduate courses in secondary science education to pre-service teachers and chemistry courses to allied health students.

Adjunct Professor, Austin Peay State University, Clarksville, Tennessee, 1/00-5/08

Taught undergraduate courses in animal science to agricultural science and pre-veterinary medicine students.

Professional Development Coordinator, Wildfire Prevention Program, 8/05-Present

Implement teacher training workshops throughout the state of Tennessee for the Tennessee Department of Agriculture, Division of Forestry. Teaching KWL, technology, and inquiry learning aligned with state curriculum standards.

Director of Designated Qualified Persons & Animal Welfare, National Walking Horse Association, Lexington, Kentucky, 11/06-present

Supervise and train Designated Qualified Persons

Work as a liaison among horse industry organizations and the United States Department of Agriculture

Science Teacher, Metropolitan Nashville Davidson County Schools, Nashville, Tennessee

- Whites Creek Comprehensive High School, 8/97-5/08
 Science Department Chairperson, Teaching Chemistry, Human Anatomy,
 Sponsored the school newspaper, coached the girls bowling team and freshman
 girls volleyball team, 2004 Nashville Section-American Chemical Society
 Teacher of the Year, WCHS Teacher of the Year 1999-2000
- Assistant Principal, 12th grade and curriculum, 8/04-6/05 Conducted teacher evaluations, compiled the school improvement plan, organized senior activities, graduation, supervised curriculum issues, special situation drills and student discipline
- Science Technology Education Partnership Coordinator, Vanderbilt University, 5/01-6/02

Developed curricula appropriate for videoconference lessons presented to 5-12 grade students

Directed science and technology workshops for teachers of grades 5-12 Supervised graduate students and teachers participating in grant projects Administered and managed the Science Education Partnerships Award grant provisions at VUMC

• Maplewood Comprehensive High School, 8/94-5/97
Taught Chemistry and Physical Science, 21st Century Technology Classroom
Teacher

Physical Sciences Staff Writer, Vision Learning, Inc. at City University of New York, 2/02-12/02

Designed web-based teaching lessons for freshman college-level, non-science major students Lessons integrate text, simulations, interactive exercises and external links for various physical science topics

Counselor-Education Specialist, U.S. Department of Education at Austin Peay State University, Clarksville, Tennessee, 2/94-8/94

Provided career, financial aid and educational information to post-secondary students Coordinated an annual education exposition with over 50 post-secondary institutions attending

Teacher, Corrections Corporations of America, Nashville, Tennessee, 8/93-2/94 Taught Adult Basic Education and GED classes to prison inmates

Teacher, Academy for Academic Excellence, Clarksville, Tennessee, 8/92-5/93

Taught Special Needs Middle and High School General and Physical Science on an Adjunct Basis

Instructor, High School Upward Bound at Austin Peay State University, Clarksville, Tennessee, 5/93-5/95

Taught and counseled students enrolled in the federally subsidized upward bound program

Tutor/Counselor, Student Support Services at Austin Peay State University, Clarksville, TN, 9/91-6/93

Advised students in developing effective study habits and listening skills vital college success

Test Administrator, Austin Peay State University Institutional Effectiveness, Clarksville, TN 8/91-8/93

Administered and proctored ACT-Comp college entrance and exit examinations

Environmental Education Laboratory Manager, APSU Farm Clarksville, TN 8/92-12/93 Monitored teaching facilities and maintained the farm buildings and equipment

University Teaching:

Western Kentucky University

Graduate Courses:

- SMED 630 Action Research Seminar
- SMED 620 Collaborative Research to Improve Mathematics and Science Teaching
- SMED 590 Teaching Internship
- SMED 589 Internship Seminar
- SMED 520 Management for Positive Learning Environments
- SMED 510 Knowing and Learning Mathematics and Science
- SMED 501 Designing Instructional Sequences in Secondary Math and Science
- TCHL 500 Foundations of Teacher Leadership (Online Course)
- EDU 544 Instructional Strategies (On-line course)
- EDU 590 Advanced Teaching Internship
- EDU 521 Implementing an Instructional Plan

Undergraduate Courses

- SMED 470 Project Based Instruction in Math and Science
- EDU 489 Student Teaching Seminar
- SEC 453 Managing the Learning Environment
- ELED 406 Teaching Science in Elementary School (Interactive Video Course)
- MGE 385 Middle Grades Teaching Strategies (Interactive Video Course)
- SMED 320 Classroom Interactions

Utah Valley University

- CHEM, BIOL, GEOL, PHY 4200 Teaching Methods in Secondary Science
- EDSC 4850 Supervision of Secondary Science Student Teachers/Interns
- CHEM 1110 Elementary Chemistry for the Health Sciences
- CHEM 1120 Elementary Organic and Biochemistry

Austin Peay State University

- AGRI 4020 Agriculture Seminar
- AGRI 492I Ethics of Animal Use
- AGRI 4920 Equine Evaluation and Judging
- AGRI 492C Management of the Companion Animal
- AGRI 3350 Equine Production and Management

Publications: (*Denotes peer reviewed publication)

Day, M., Rudloff, M. & Burba, S. (2011). Project-based Learning: Preparing Students to Solve Real World Problems in STEM Disciplines, Proceedings of the 2011 UTeach Conference Austin, TX, http://uteach-institute.org/conference/detail/annual-conference/.

*Stobaugh, R., Day, M. & Tassell, J. (2011). Boosting Cognitive Complexity in Social Studies Assessment Questions, <u>Social Studies and the Young Learner</u>, 23(3).

Day, M. (2006). Cancer Biology Legacy Cycle Teaching Module, Vanderbilt University Biomedical Engineering Research Experiences For Teachers, 28 pp.

Day, M. (2004). The Horse Protection Act, The Horse, article #5099.

Day, M. (2003). The World of the DQP, The Gaited Horse, 6(4), 45-49.

Day, M. & McBroom, S. (2003). <u>Teaching in the "ER" (Emergency ClassRoom)</u>, Emergency Lesson Plan Strategies for Science Teachers of grades 5-12.

Day, M. & McBroom, S. (2001). Renaissance Teacher Work Sample: Effective Pre-Service Teacher Preparation, 4-week Pilot Unit Plan Prepared for Middle Tennessee State University. Day, M. (1998). A Study of the Current Status of Block Scheduling Programs Employed in Tennessee Public High Schools, Dissertation Research at Tennessee State University Ivanov, C. & Day, M. (1997). Charmed Particles: Newsletter of the Eisenhower Math/Science Consortium at AEL, 5(1), 6-7.

*Day, M. & Madden, P. (1997). "Gangs and Youth Violence Raise Questions for School Administrators", <u>Tennessee Educational Leadership</u>, 24(1), 40-43.

Day, M., Ivanov, C. & Binkley, S. (1996). "Tackling Block Scheduling: How to Make the Most of Longer Classes", Excerpt Printed in <u>Block Scheduling: Teaching Strategies for the Restructured School Day.</u> National Science Teachers Association, 1st ed. Arlington, VA, 7-9. *Day, M., Ivanov, C. & Binkley, S. (1996) "Tackling Block Scheduling: How to Make the Most of Longer Classes", <u>The Science Teacher</u>, 63(6), 25-27.

Works in Preparation: (*Denotes peer reviewed publication)

*Patel, A., Neiman, N., Smith, L.A., Day, M.M. & Pesterfield, L.L. (Submitted June 29, 2011 Manuscript ID: ed-2011-00418n) Semi permeable Membranes, Diffusion and Osmosis Inquiry: Effective Modeling in a High School Classroom, <u>Journal of Chemical Education</u>.

*Stobaugh, R., Day, M., & Tassell, J. (In preparation). Boosting Cognitive Complexity in Science Assessment Questions, Science Scope.

*Day, M. and Stinson, J. (In preparation). Forensic Investigations in the Biology Classroom, <u>The Science Teacher.</u>

Davis, K. & Day, M. (In preparation). Positive Behavior Intervention Support in Kentucky Schools., <u>KASA Journal</u>.

Roberts, J., Inman, T., Tassell, J., Day, M. & Kirchner, J. (In preparation). Centers and Agendas in Differentiating K-8 Instruction. Waco, TX: Prufrock Press.

Software Development:

Shepherd, V., Day, M., McBroom, S. (2000). <u>Genetics: Spiraling Into the Future</u>, An Interactive Genetics CD for Middle and High School Students, Vanderbilt University Medical Center.

Shepherd, V., Metzgar, V., McBroom, S., Day, M.M., et.al. (1999). **Brainstorm,** An Interactive Neuroscience CD for Middle and High School Students, Vanderbilt University Medical Center

Grants:

National Science Foundation, MSP Targeted Partnership, "School Teach", Moody, V., Day, M., Johnson, H. (Principal Investigators), Western Kentucky University, (not funded-Funding Requested, \$10,000,000, October 2010)

United States Department of Education, Teacher Quality Partnership, "Graduate Southern Kentucky Teach", Pankratz, R. & Day, M. (Principal Investigators), Western Kentucky University, funded for \$ 5,400,000, October 2009)

National Science Foundation, Robert Noyce Teacher Scholarship Program, "WKU Science and Mathematics Alliance for Recruitment and Retention of Teachers (SMARRT) Program", Marchionda, H., McDaniel, K., Day, M. & Tassell, J. (Principal Investigators), Western Kentucky University, (funded for \$898,781, June 2009)

National Park Foundation, Parks As Resources for Knowledge Teachers Program Toyota USA Foundation, "Pre-Service Teacher Training at Capitol Reef Field Station", H. Trong, R. VanBuren & M. Day (Principal Investigators), Utah Valley University, (not funded-Funding Requested \$90,000, December 2008)

National Institutes of Health Grant, "Biomedical Research Experiences for Teachers", S. Klein (Principal Investigator), Teacher Participant in Medical Imaging, Vanderbilt University, June/July 2006

National Institutes of Health Grant, "Pharmacology Education Partnership", R. Schwartz-Bloom (Principal Investigator), Teacher Participant in Field Testing Curriculum, Duke University, June 2003

National Institutes of Health Grant, "Developing Interactive Technology for Teaching the Life Sciences (Developmental Biology)", V. Shepherd (Principal Investigator), M. Day & S. McBroom, Vanderbilt University Medical Center (funded for \$40,000, December 2000) Dwight D. Eisenhower Mathematics and Science Education Act, "Developing Interactive Technology for Teaching the Life Sciences (Genetics)", V. Shepherd (Principal Investigator), M. Day & K. Lee, Vanderbilt University Medical Center (funded for \$40,000, December 1999) Dwight D. Eisenhower Mathematics and Science Education Act, "Developing Interactive Technology for

Teaching the Life Sciences (Neuroscience)", V. Shepherd(Principal Investigator), V. Metzgar, S. McBroom & M. Day, Vanderbilt University Medical Center (funded for \$24, 000, December 1998)

Dwight D. Eisenhower Mathematics and Science Education Act, "Training in Operation Chemistry: A Training Initiative for 4th-8th Grade Science Teachers", C. Ivanov(PI), R. McDow, M. Day & L. Hodge, Nashville State Technical Institute (funded for \$20,000, November 1997)

Presentations:

Day, M., Rudloff, M. & Burba, S. (May 2011). Project-based Learning: Preparing Students to Solve Real World Problems in STEM Disciplines, UTeach Conference, Austin, TX.

Stobaugh, B., Tassell, J., and Day, M., (March 2011). Boosting Cognitive Complexity in Classroom Assessment. Ticketed Session at the Association for Supervision and Curriculum Development National Convention, San Francisco, CA.

Day, M. and Suzuki, T. (March 2011). Developing Critical Thinkers Through Inquiry Explorations and Quality Children's Literature, Presentation at the National Science Teachers Association National Convention, San Francisco, CA.

Day, M. and Smith, L.A. (March 2011). Project Based Learning: Preparing Students to Solve Real World Problems in the STEM Disciplines, Presentation at the National Science Teachers Association National Convention, San Francisco, CA.

Day, M., Slonim, D., and Ignash, M. (December 2010). Physical Science Demonstration Models, Short Course presented at the National Science Teachers Association Regional Convention, Nashville, TN.

Day, M., Stobaugh, B., and Tassell, J. (December 2010). Boosting Cognitive Complexity in Science Assessment. Presentation at the National Science Teachers Association Regional Convention, Nashville, TN.

Day, M., Metzgar, V.(December 2010). SKyTeach at Western Kentucky University. Presentation at the National Science Teachers Association Regional Convention, Nashville, TN. Suzuki, T. and Day, M. (October 2010). Using three level comprehension guides to boost literacy in the science classroom. Presentation at the Kentucky Reading Association Conference, Lexington, KY.

Day, M. and Reedy, V. (March 2010). Research Experiences for Teachers at Vanderbilt University, National Science Teachers Association National Convention, Philadelphia, PA.

Day, M. and Slonim, D. (April 2009). Engaging Learners In Inquiry-Modeling and Teaching the Process of Science, Utah Science Teachers Association Convention, South Jordan, UT.

Day, M. (November 2007). Tennessee Wildfire Prevention, Short Course, Tennessee Science Teachers Association Convention, Nashville, TN.

Day, M. (November 2006). Tennessee Wildfire Prevention, Short Course, Tennessee Science Teachers Association Convention, Nashville, TN.

Day, M. and McBroom, S. (March 2003). Teaching in the "ER" (Emergency Room), Short Course, National Science Teachers Association National Convention, Philadelphia, PA.

Day, M. (November 2001). Genetics: Spiraling Into the Future, National Science Teachers Association Regional Convention, Memphis, TN.

Day, M. (November 2000). Interactive Technology in the Science Classroom, Tennessee Science Teachers Association Convention, Nashville, TN, Fall 2000

Day, M. (June 1999). Content Area Reading in the Science Classroom, Metropolitan Nashville Schools Science Institute, Nashville, TN.

Day, M. and McBroom, S. (March 1999). Teaching in the "ER" (Emergency Room), Short Course, Metropolitan Nashville Schools Science Institute, Nashville, TN.

Day, M. and Ivanov, C. (November 1998). Operation Chemistry Workshop, Tennessee Science Teachers Association Convention, Nashville, TN.

Day, M. and Ivanov, C. (Various Dates) Games and Projects in Chemistry, Physics and Physical Science, Short Course, NSTA Regional, Birmingham, AL, Fall 1998, Nashville, TN, Fall 1997, NSTA National New Orleans, LA, Spring 1997.

Day, M. and Ivanov, C. (November 1997). Using Newton's Apple in the Science Classroom, National Science Teachers Association Regional Convention, Nashville, TN.

Day, M. and Ivanov, C. (June 1997). Operation Chemistry Workshop, Metropolitan Nashville Schools Science Institute, Nashville, TN.

Day, M., Ivanov, C. and Little, L. (March 1997). Teaching Science Across the Curriculum: Linking the New with the Known, National Science Teachers Association National Convention, New Orleans, LA.

Day, M. and Ivanov, C. (March 1996). Block Scheduling: Strategies for Success!, National Science Teachers Association National Convention, St. Louis, MO.

Ivanov, C. and Day, M. (August 1995). Enhancing Science Achievement Through the Use of hands-on Activities, Tennessee Science Teachers Association Convention, Nashville, TN. Ivanov, C. and Day, M. (June 1995). Small Scale Chemistry Metropolitan Nashville Schools Science Institute, Nashville, TN.

Awards:

Troxel "Share Your Adventure" Photography Contest, 3rd prize winner, March 2011 FOSH Investigative Journalism Award, 3rd place winner, November 2004 American Chemical Society, Nashville Chapter Teacher of the Year 2004 Fulbright Memorial Fund Scholar (Japan), Awarded March 2002, Travel date Nov 15th-Dec 5th, 2003

Teacher of the Year Award 2001, Whites Creek Comprehensive High School Metropolitan Nashville Schools Science Action Award, 1995, 1996, 1997

Professional Organizations:

National Science Teachers Association, August 1996-Present Association for Supervision and Curriculum Development, August 2010-present Phi Kappa Phi Honor Society, Tennessee State University Chapter, Inducted 1997 Kappa Delta Pi Honor Society, Austin Peay State University Chapter, Inducted 1993 Delta Tau Alpha Honor Society, Austin Peay State University Chapter, Inducted 1988

Textbook Editing:

<u>General, Organic and Biological Chemistry, An Integrated Approach,</u> Wiley and Sons, Chapters 1,2,3, Fall 2010.

<u>Holt Biology 2008</u>, Holt, Rinehart, Winston, Chapters 8, 9, 19, 23, 2005-2006 <u>9th and 10th Grade Integrated Chemistry and Physics</u>, Holt, Rinehart and Winston, Chapters 1,9,10, Spring 1999

Newton's Apple Teacher's Guide, Spring 1999

Supervision of Student Field Experiences and Dissertations:

Lee Ann Smith (In progress). Dissertation Chairperson, Western Kentucky University Wesley Waddle (In progress). Dissertation Committee Member, Western Kentucky University Eugene Patsalides (In progress). Dissertation Committee Member, Western Kentucky University Adam Cross (In progress). Dissertation Committee Member, Western Kentucky University

Matthew Ignash (June/July 2011). Graduate Teaching Assistant

Kelly S. Davis (2011). <u>Program Evaluation of Universal Positive Behavioral Interventions and Supports in Kentucky</u>, Doctoral Dissertation Committee Member, Western Kentucky University. Paula V Wilkes Pendergrass (2004). <u>The short-term effects of Reading Recovery on children's reading development: Process and product</u>, Doctoral Dissertation Editor, Tennessee State University

Nikki Joiner, student teacher at Middle TN State University, 7 weeks, Spring 2001 Scott Christian, student teacher at Peabody College, Vanderbilt University, 10 weeks, Spring 2000

June Collins, student teacher at Peabody College, Vanderbilt University, 10 weeks, Spring 1999

Graduate Student Advisement:

Adrian Armendariz, GSKyTeach MAE Candidate

Brandon Bressman, GSKyTeach MAE Candidate

John A. Casebolt, GSKyTeach MAE Candidate

Taylor Clements, GSKyTeach MAE Candidate

Kevin Dick, GSKyTeach MAE Candidate

Matthew Heimerdinger, GSKyTeach MAE Candidate

Kathleen Johnson, GSKyTeach MAE Candidate

Joshua Marsh, GSKyTeach MAE Candidate

Kathryn Volz, GSKyTeach MAE Candidate

Elliott Blanton, ARTCMAE Candidate

Dan Dillingham, ARTCMAE Candidate

Amanda Shirley, ARTCMAE Candidate

Joshua Jones, ARTCMAE Candidate

Joey Stinson, ARTCMAE Candidate

Chadd Carroll, ARTCMAE Candidate

Kendall Cook, ARTCMAE Candidate

Christina Florence, ARTCMAE Candidate

Michael Brekke, GSKyTeach MAE

Jordan Couzo, GSKyTeach MAE

Michael Hale, GSKyTeach MAE

James Hannon, GSKyTeach MAE

Nathan Harris, GSKyTeach MAE

Thomas Heath, GSKyTeach MAE

Frank Houston, GSKyTeach MAE

Matthew Ignash, GSKyTeach MAE

Courtney Jernigan, GSKyTeach MAE

Josh Raper, GSKyTeach MAE

Josiah Roberts, GSKyTeach MAE

Leah Stanley, GSKyTeach MAE

Ryan Stephenson, GSKyTeach MAE

John Wallen, GSKyTeach MAE

Invited Lectures:

Science Palooza Gas Laws Demonstration Models, Green River Regional Education Cooperative Workshop for Secondary Science Teachers, Bowling Green, KY, July 2011.

UTeach Course Roundtable: Project-Based Instruction, UTeach 2011 Conference, Austin, TX, May 2011.

Science Circle for Middle School Science Teachers Guest Presenter on Electrical Conductivity of Solutions; Demonstrations for the Science Classroom, SKyTeach at Western Kentucky University, February 2010

Science Circle for Middle School Science Teachers Guest Presenter on Gas Laws Demonstrations for the Secondary Science Classroom, SKyTeach at Western Kentucky University, November 2009

Ohio State University College of Veterinary Medicine Sound Horse Conference, Panelist, "Affecting Social and Cultural Change through Organizational Change", Columbus, Ohio, April 2008

Middle Tennessee State University Health Educator's Workshop, Invited Speaker, "Researching Health Topics Through Interactive Technology, June 2001

Project Dean, Gateway Biology Institute Phases I & II, Vanderbilt University and Metropolitan Nashville Schools, 2 weeks, June 2001

Vanderbilt University Medical Center Science Teacher Leadership Institute, Invited Lecturer, "The Use of Interactive Technology in the Science Classroom, June 2001

G.A.S. Girls and Science: A Science Camp for Middle School Aged Girls, Career Panelist, Vanderbilt University Medical Center, June 2000, June 2001

Horsemanship Safety, Lecture Presented at Austin Peay State University, Clarksville, TN, November 1999

G.A.S. Girls and Science: A Science Camp for Middle School Aged Girls, Served as a Teacher/Counselor at Vanderbilt University, Nashville, TN, June 1999

Guaranteed Success!, Vanderbilt University/Metropolitan Nashville Schools Collaborative Student Achievement Project, Teacher/Coordinator, 1998-1999 Academic Year

Parenting Education Series: Childhood Nutrition and Childhood Eating Disorders, Austin Peay State University for the Office of Continuing and Extended Education, Clarksville, TN, October 1996

Service and Committees:

National Science Teachers Association Urban Science Education Advisory Board, Committee Appointment, Term Duration 2010-2013, www.nsta.org

Faculty Advisor: SKySO, SKyTeach Student Organization at Western Kentucky University, January 2011-present

Faculty Advisor: Kappa Delta Pi, Student Chapter at Western Kentucky University, August 2009-May 2011

Robert Noyce Scholarship Committee Member at Western Kentucky University, January 2011-present

Western Kentucky University, Visiting Assistant Professor #2, Science Education Emphasis, Search Chairperson, January 2011-present

Western Kentucky University, Visiting Assistant Professor, Science Education Emphasis, Search Chairperson, December 2010-present

Western Kentucky University, Assistant Professor, Mathematics Education Emphasis, Search Committee Member, December 2010-present

Western Kentucky University, Assistant Professor, Social Studies Emphasis, Search Chairperson, November 2010-February 2011

FIRST Lego League Kentucky State Robotics Championship Project Judge, Western Kentucky University, January 2011

SKyTeach Steering Committee Member at Western Kentucky University, August 2010-present Western Kentucky University, Assistant Professor, Social Studies Emphasis, Search Chairperson, November 2010-February 2011

College of Education and Behavioral Sciences International Committee Member at Western Kentucky University, August 2010-present

School of Teacher Education Scholarship Committee Member at Western Kentucky University, May 2010

Center for Compact and Efficient Fluid Power: A National Science Foundation Engineering Research Center http://www.ccefp.org/index.php, Education Advisory Board Member, January 2007-January 2010

FIRST Lego League Kentucky State Robotics Championship Project Judge, Western Kentucky University, January 2010

Central Utah Science and Engineering Fair, Secondary Competition Judge, March 2009.

Robertson/Davidson/Montgomery County Tennessee, 4-H Horse Program Volunteer Leader, 2002-2008

Special Olympics Equestrian Program Volunteer, Franklin, TN, Summer 2001 Chairperson-Guides Committee, National Science Teachers Association, Southern Area Convention Planning, Nashville, TN, July-December 1998