
Curriculum Vitae
Judy G. Butler, M.S.
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Academic Degrees

Post-Master's Work University of Tennessee and Indiana University
M.S. Louisiana State University, 1968
B.A. Louisiana State University, 1966

Work Experience

2005- Project Manager for NASA Astrobiology Institute-Minority Institute Research Support Program (NAI-MIRS)
2005- External Evaluator, Teaching American History Grant, Johnson City Schools, Tennessee
2004- External Evaluator, Teaching American History Grant, White County Schools and Tennessee Technological University, Tennessee
2004- External Evaluator, NASA Grant: "Analysis of Helix Nebula Observations --Hubble Space Telescope"-- Education and Public Outreach, Vanderbilt University
2003- Coordinator of Curriculum Development and Teacher Professional Development Program for the NASA Goddard Space Flight Center as part of the NASA Astrobiology Institute (NAI) Lead Team
2003- External Evaluator, Teaching American History Grant, East Tennessee Historical Society & Loudon County Schools
2003- External Evaluator, Teaching American History Grant, Wilson County Schools & Volunteer State Community College
2002- External Evaluator, Cumberland River Valley Consortium for Teaching American History, Warren County Schools & Middle Tennessee State University
2002- Program Coordinator, Minority Institutions Astrobiology Collaboratory (MIAC)
2002- Coordinator for Education and Public Outreach for The Center of Excellence for Information Systems, Tennessee State University and Coordinator of the Aeronautics Educational Lab
2002- President/Owner, Dragonfly Enterprises, an educational consulting company
2003-2005 External Evaluator, NASA Grant: "The Birth and Death of Stars and Planets--Hubble Space Telescope"-- Education and Public Outreach, Vanderbilt University
2003-2005 Program Coordinator, NASA Ideas Grant, "Our Solar Neighborhood," Vanderbilt University
2003-2005 Project Coordinator, US Department of Agriculture Grant, "TSU's Biotechnology Educational Initiative" a partnership between the Institute of Agricultural and Environmental Research and the Institute for Understanding Biological Systems in the Center of Excellence for Information Systems, Tennessee State University
1999-2002 Curriculum Director, Williamson County Schools
1991-1999 Gifted Education Teacher and Gifted Education Coordinator, Williamson County Schools
1992-1996 Adjunct Faculty, Belmont University
1979-1991 Student Teaching Coordinator, Department of Special Education, Peabody College at Vanderbilt University's
1972-1973 Coordinator of Student Teaching, Department of Special Education, University of Tennessee at Knoxville
1971-1972 Teacher, Demonstration Classroom, University of Tennessee
1968-1971 Speech Therapist and Practitioner at Several Public and Private Agencies in Louisiana and Tennessee

Professional Teacher Certification

- Tennessee Employment Standards for Gifted Education
- Secondary Education
- Tennessee Professional License K-12 Special Education
- K-12 Speech Pathology and K-12 Deaf Education

Awards

- 1997 Conservation Award from the Tennessee Association of Fish Biologists
- 1996 International Award for Environmental Leadership from Global Rivers Environmental & Education Network (GREEN)
- 1995 Conservation Educator of the Year from the Tennessee Conservation League
- 1994 Environmental Educator of the Year for Middle Tennessee from the Tennessee Environmental Ed. Association
- 1990 Faculty/Teacher of the Year Department of Special Education from Vanderbilt University's Peabody College

Community/Professional Service

- Williamson Works, Inc. Member Board of Directors (2004-to present)
- NASA Science, Engineering, Mathematics, and Aerospace Academy (SEMAA) Advisory Board (2004 to present)
- Advisory Board, Tennessee Arts and Sciences Consortium (TASC) (2000 to present)
- Strategic Planning Committee, Dyer Observatory of Vanderbilt University (2002 to present)
- Tennessee History Day Advisory Committee (2002 to present)
- Education Advisory Committee Member, Cheekwood Museum and Botanical Gardens (2001-2004)
- Advisory Committee, Office of Science Outreach, Vanderbilt University (2002-2003)
- Taskforce for Gifted Education Member, Tennessee State Department (1996-2000)
- Taskforce for Staff Development Member, Tennessee State Department (1998-2001)
- Advisory Committee Member, Project DIANe (1994-2001)
- Management Advisory Group (MAG) Member, Tennessee Department of Agriculture (1995-1999)
- National Advisory Committee Member, Agricultural Extension and the "Give Water A Hand" program sponsored by 4H (1997-1998)
- Committee Member, Teacher-Staff Development for Internet Training, Tennessee State Department of Education (1995-1996)

Grants and Research

- 2006 Co-Author and External Evaluator for NSF funded grant, "Increasing the participation of African Americans and Native Americans in Geosciences through an Innovative Partnership between an HBCU and a Tribal College." \$150,000
- 2004 Co-Author and External Evaluator for NSF funded grant, "Increasing the Participation of Women and African Americans in Biomedical Engineering through a Synergistic and Innovative Partnership with the VaNTH ERC" \$71,989
- 2003 Co-Author and External Evaluator for the US Department of Agriculture grant, "TSU's Biotechnology Educational Initiative" a partnership between the Institute of Agricultural and Environmental Research and the Institute for Understanding Biological Systems in the Center of Excellence for Information Systems, \$500,000
- 2003 Awarded \$4300 from the Tennessee Arts Commission for "Drawn to Space"
- 2002 Co-Author and External Evaluator NASA Ideas Grant with Richard Chappell "Our Solar Neighborhood" \$25,000
- 2002 Co-Author and Project Manager Teacher Quality Enhancement Grant, Tennessee Higher Education Commission, \$37,000
- 2002 Co-Author and Project Coordinator, MU-SPIN grant for Minority Institute Astrobiology Collaborative, \$49,000
- 2001 Author and Project Manager for Arts Builds Communities Williamson County Schools Grant \$2700
- 2000 Co-PI for the BellSouth Power to Learn Grants, \$125,000
- 1999 Awarded \$15,000 for the BellSouth Power to Lead Grant
- 1999 Awarded \$50,800 for Eisenhower Math and Science Staff Development
- 1998 Awarded \$8,400 from the Tennessee Arts Commission for Artist in Residence Program for creative writing and the visual arts
- 1998 Awarded \$53,000 for Eisenhower Math and Science Staff Development
- 1997 Awarded \$5,000 from Global Rivers Environmental and Educational Network (GREEN) for teacher training in water quality studies
- 1995 Awarded \$10,000 from Tennessee Arts Commission for Artist-in-Residence Program for the Harpeth River Project
- 1997 Awarded \$43,000 from the Tennessee Department of Agriculture Division of Non-Point Source Pollution
- 1997 Awarded \$48,000 for Eisenhower Math and Science Staff Development
- 1996 Awarded \$4,800 from the Tennessee Arts Commission for Artist-in-Residence Program

- 1996 Awarded \$30,000 from National Foundation for the Improvement in Education (NFIE) for the Road Ahead Project funded by Microsoft Corporation (Administrative Team Member)
- 1995 Awarded \$7,000 from The Tennessee Arts Commission for Artist-in-Residence for the visual and performing arts
- 1995 Awarded \$25,000 from the Environmental Protection Agency (EPA) for STAR Partnership Project (Students in Tennessee Assessing Rivers)
- 1995 Awarded \$43,000 from the Tennessee Department of Agriculture the Division of Non-Point Source Pollution for STAR Partnerships
- 1994 Awarded \$100,000 from the Tennessee State Department of Education for Technology Innovation Grant, Topic: Careers in Math and Science for the 21st Century
- 1994 Awarded \$30,000 from Williamson County Schools as matching funds for the Technology Innovation Grant Project
- 1994 Awarded \$18,000 from Tennessee Arts Commission for Artist-in-Residence for in the visual and performing arts
- 1994 Awarded \$25,000 from the EPA for the Harpeth River Environmental and Educational Project
- 1994 Awarded \$10,000 from Appalachian Education Laboratory for teacher training in Authentic Assessment in Cross-Curriculum Teams
- 1993 Awarded \$10,000 from the US Department of Energy for the Harpeth River Environmental and Educational Project
- 1993 Awarded \$5,300 grant from the Appalachian Educational Laboratory for teacher training in science across the curriculum
- 1993 Awarded a \$30,000 grant by General Motors and Saturn Corporation as affiliates of GREEN for the Harpeth River Project

Publications

- Butler, J., Stockman, S., Mumma, M., Walters, D., Dworkin, J., Gary, T., Hamidi-Vadeghani, N., Salary, L., DiSanti, M., Moore, M. & Cummings, T. (2006). *The Astrobiology in Secondary Classroom (ASC) Project*. Astrobiology Vol. 6, pg. 161
- Gary, T., Myles, L., Butler, J., Cummings, T., Kirven-Brooks, M., & Coulter, G. (2006). *The Minority Institution Research Support Programs: Inspiring the Next Generation of Astrobiologists*. Astrobiology vol 6, pg. 214- 215
- Butler, J. and Gary, T. "Changing the Public Perception of the Contributions of Astrobiologists from Minority Institutions. Poster at the NASA Astrobiology Annual Meeting Bolder Colorado, April 2005. Astrobiology 2005
- Butler, J. and T. Gary. "Astrobiology Research, Education and Outreach at Tennessee State University, a Historically-Black University." *Astrobiology* 2003(2): 465.
- Butler, J. "Science Technology Education Partnership (STEP)." Proceedings of the National Science Teacher's (NSTA) Association Conference. Philadelphia, PA, March 27-30, 2003.
- Shenyder, Art, J. Butler, and T. Gary. "Does Life Really Exist on Earth?" Proceedings of the National Science Teacher's (NSTA) Association Conference. Philadelphia, PA, March 27-30, 2003.
- Butler, J. and T. Gary. "Astrobiology Research, Education and Outreach at -Tennessee State University, a Historically-Black University". Proceeding of the General Meeting of the NASA Astrobiology Institute. Phoenix, AZ, February 10-12, 2003 (published in *Astrobiology*).
- Butler, J. and M. Busby. "Celebrating Education and Community Outreach." A 26 page book highlighting education and public outreach from the Center of Excellence in Information Systems, Tennessee State University. Center of Excellence: ISEM, Nashville, TN, 2003.
- Thompson, S., S. Kuner, J. Butler, and T. Gary. "Evaluating the Success of the Molecular Biology Summer Institute." A 16 page evaluation and assessment of the summer institute submitted for the Tennessee Higher Education Commission, November 2002.
- Butler, Judy and Terry Grier. "Parent Involvement." *American Schoolboard*, August 2000.

Presentations

- Butler, J., and Stockman, S. "NASA Astrobiology Institute – Minority Institute Research Support (NAI-MIRS) Program." NASA and the Navajo Nation Sustainability Seminar, Window Rock, Arizona, August 2006
- Butler, J., Stockman, S., Mumma, M., Walters, D., Dworkin, J., Gary, T., Hamidi-Vadeghani, N., Salary, L., DiSanti, M., Moore, M. & Cummings, T. (2006). *The Astrobiology in Secondary Classroom (ASC) Project*. Presentation at AbSciCon, March 2006.
- Gary, T., Myles, L., Butler, J., Cummings, T., Kirven-Brooks, M., & Coulter, G. (2006). *The Minority Institution Research Support Programs: Inspiring the Next Generation of Astrobiologists*. Poster Presentation at AbSciCon, March 2006.
- Butler, J. "Dreaming of Flight: Creating Discovery Journals." Teacher Workshop at the Smithsonian Institution: Udvar-Hazy Center August 22, 2005, Loudoun County Virginia.
- Butler, J., Bucy, C., Freyer, M., Barth, J. and Zepeda, R. (Invited Panel) "Lessons Learned from Evaluations." Presentation at the Teaching American History Program Annual Project Directors' Meeting April 20, 2005, Pittsburg, PA.
- Butler, J. and Gary, T. "Changing the Public Perception of the Contributions of Astrobiologists from Minority Institutions. Poster at the NASA Astrobiology Annual Meeting Bolder Colorado, April 2005.
- Gary, T. and Butler, J. "Astrobiology and Life's Origins." Presentation for National Public Television in Nashville at the Adventure Science Center. September 25, 2004.
- Butler, J. and Gary, T. "What Works In Preparing Students for Emerging Technologies." Preparing for Emerging Technologies Conference Part I Williamson Counties Schools, January 19, 2004.
- Butler, J. and Gary, T. "Integrating Emerging Technology into the Curriculum." Emerging Technologies Conference Part II Williamson Counties Schools, Saturn Corporation Training Center, September 13, 2004.
- Butler, J. Butler, J. "Leadership for Differentiating Instruction." Administrative Leadership Team Staff Development Institute Loudoun County Public Schools, August 4-5, 2004.
- Butler, J. "Astrobiology in Secondary Classrooms (ACS)—An Introduction" Presented at NASA Goddard Center for Astrobiology as part of the Origin and Evolution of Organics in Planetary Systems (Curriculum Development Project), June 28, 2004.
- Butler, J. "Journals and Reflection in Teaching American History Presented at the Teaching American History Summer Institute: University of Tennessee--East Tennessee Historical Society, July 12, 2004.
- Butler, J. "Journals and Reflection in Teaching American History." Presented at the Teaching American History Summer Institute: Tennessee River Valley Consortium, East Tennessee Historical Society, June 20, 2004.
- Butler, J. "Journals and Reflection in Teaching American History." Presented at the Teaching American History Summer Institute: TEACH--Volunteer State Community College Nashville, TN June 13, 2004.
- Butler, J. "Authentic Assessment That Promotes Inquiry Learning." Presented at the Summer Institute: The Birth and Death of Stars and Planets--Hubble Space Telescope at Dyer Observatory, Nashville, Tennessee June 11, 2004.
- Butler, J. "Writing for Reflection in Science, Technology, Engineering, and Mathematics (STEM)," Presented at the STARS Summer Institute, Tennessee State University, Nashville Tennessee June 2, 2004.
- Butler, J. "Supporting Teachers Through Engaging and Sustained Professional Development." Presented for Technology Resource Teachers in Loudoun County Public Schools, Virginia May 21, 2004.

- Butler, J., T. Peterson, and T. Gary. "Jump in, the Water is Fine." Annual Conference of the National Science Teachers Association. Atlanta, GA, April 2004.
- Chappell, R., J. Butler, and T. Gary. "Our Solar Neighborhood." Annual Conference of the National Science Teachers Association. Atlanta, GA, April 2004.
- Duran, M., J. Butler, T. Peterson, and T. Gary. "Through the Stargate." Annual Conference of the National Science Teachers Association. Atlanta, GA, April 2004.
- Roland, S., T. Gary, S. Stringfield, and J. Butler. "Are We Alone in the Universe?" Annual Conference of the National Science Teachers Association (NSTA). Atlanta, GA, April 2004.
- Butler, J. "Differentiated Instruction Through Tiered Lessons." Presented during In-service Training in Florence School District No. 3 South Carolina, April 19-21, 2004
- Gary, T., Butler, J. and Myles, L. "MIAC: The First 'Virtual Collaboration' of Minority Institutions Focused on Astrobiology," Presented at the Fourth Annual Student Research Symposium Sponsored by NASA/NSF/TSU, April 15, 2004.
- Bell, B., Butler, J. Gary, T. et al, "MIAC: The First 'Virtual Collaboration' of Minority Institutions Focused on Astrobiology," Poster at the Astrobiology Science Conference, NASA's Ames Research Center, March 28, 2004.
- Butler, J. "Differentiated Instruction for Diverse Learners." Annual Professional Development Conference Loudoun County Public Schools, Virginia March 17, 2004.
- Butler, J. "Curriculum Planning for Biotechnology Courses in High Schools in Tennessee." Facilitator for Tennessee State Department of Education's Taskforce on Vocational Education with Tennessee Biotechnology Industry Representatives. Nashville, TN, March 2, 2004.
- Butler, J., C. Hendlmyer, and T. Peterson. "Differentiated Instruction: Change Classroom Practice with Sustained Professional Development." 35th Annual Conference of the National Staff Development Council. New Orleans, LA, December 9, 2003.
- Butler, J., T. Gary, and R. Alvey. "Discovery Journals: Drawn to Space." Solar Neighborhood Workshop at Dyer Observatory. Nashville, TN, September, October, and November 2003.
- Butler, J. "Understanding the Solar System." Our Solar Neighborhood Program at Dyer Observatory. Nashville, TN, October 2003.
- Butler, J. "Crafting a Differentiation Quilt: An Interdisciplinary Approach." Presented during Inservice Training in Florence School District No. 3 South Carolina, October 2004.
- Butler, J. "The Earth-Sun Connection" Presented to Tennessee teachers and students as part of World Space Week Activities co-sponsored by Tennessee State University's COE and the Vanderbilt University's Dyer Observatory, October 9, 2003.
- Butler, J & Gould, D, & Gary, T. "Proposals, Partnerships, and Possibilities: Writing Successful Grants." Presented at a TASC workshop held at Tennessee State University, September 2003.
- Butler, J, Hendlmyer, C. & Peterson, T. "Differentiated Instruction for High Ability Learners: Change Classroom Practice With Sustained Professional Development." Presented at the 24th Annual TAG Conference, Memphis TN, September 2003.
- Butler, J. & Leone, J. "The Teaching American History Initiative: A View from Middle Tennessee." Presented at The 25th Annual Mid-America Conference on History at The University of Memphis, September 2003.

- Butler, J. & Connard, R. "The Cumberland River Valley Consortium Project: Packaging American History to Implement Tennessee State Curriculum Standards." Presented at the 2003 Tennessee Conference of Historians held at Fisk University, September 2003.
- Butler, J. & Peterson, Toni. "Strategies for Differentiated Instruction." Presented during Inservice Training in Florence School District No. 3 South Carolina, August 2003
- Butler, J., Henry, G., & Alvey, R. "Close and Personal to the Stars at Dyer Observatory," Presented at SECME Teacher Academy Tennessee State University, July 2003
- Butler, J. & Duran, M. "Through the Stargate: The rock cycle and volcanoes on Earth teach us lessons about other planets." Presented at SECME Teacher Academy Tennessee State University July 2003
- Butler, J., Padget, D., & Laurina, L. "Aquarius Project: Jump in, the water's fine!" Presented at SECME Teacher Academy Tennessee State University, July 2003.
- Butler, J., Gary, T, Duran, M. & Rolland, S. "Astrobiology Answers Important Questions." Presented at SECME Teacher Academy Tennessee State University, July 2003.
- Butler, J. "Start with a Great Idea: Grant Writing for Teachers." Presented at SECME Teacher Academy Tennessee State University July 2003.
- Butler, J. "Creating Discovery Journals: Bring Together Science, Writing, and Visual Arts." Presented at SECME Teacher Academy Tennessee State University July 2003.
- Butler, J., Gary, T., & Rolland, S. "Map the Surface of Mars and Establish a Colony on the Red Planet." Presented at SECME Teacher Academy Tennessee State University, July 2003.
- Butler, J. & Cousineau, L. "Take Flight Into Scientific Investigations." Presented at SECME Teacher Academy Tennessee State University, July 2003.
- Butler, J. & Peterson, Toni. "Differentiated Instruction for Students in Mixed Ability Classrooms." Presented at the Summer Institute in Florence School District No. 3 South Carolina July 2003
- Butler, J. "Reflective Journals To Improve Teaching Practice In Teaching American History." Presented at the Summer Institute: Cumberland River Valley Consortium, Fisk University, and June 22, 2003
- Butler, J. & Gary, T. "Astrobiology Research, Education and Outreach at Tennessee State University." Presented at the 3rd Annual NASA/NSF/TSU Research Symposium, Nashville, TN, April 10-12, 2003.
- Butler, J. "Tennessee State University Network Resource and Training Site Project Status Report" 2003 Principal Investigator Meeting. Baltimore, MD, April 17, 2003.
- Shenyder, A., J. Butler, and T. Gary. "Does Life Really Exist on Earth." National Science Teacher's (NSTA) Association Conference. Philadelphia, PA, March 27-30, 2003.
- Butler, J. and T. Gary. "Astrobiology Outreach Programs Initiated by the Institute for Understanding Biological Systems." 25th Annual University-Wide Research Symposium at Tennessee State University. Nashville, TN, March 25-27, 2003.
- Butler, J. "Astrobiology: Comparing the Planets." Astrobiology Workshop for Educators sponsored by Tennessee State University's COE and hosted at the Adventure Science Center. Nashville, TN, March 8, 2003.
- Butler, J. "Be in the Buzz: Problem Solving Strategies in the Classroom." Tennessee Arts and Science Consortium (TASC) Workshop hosted by the Warner Park Nature Center. Nashville, TN, March 6, 2003. Presented and facilitated the workshop.

- Butler, J. and T. Gary. "Astrobiology Research, Education and Outreach at Tennessee State University, a Historically-Black University." General Meeting of the NASA Astrobiology Institute. Phoenix, AZ, February 10-12, 2003.
- Butler, J. "Using Journals as a Foundation for Your Writing." Symposium for Middle School Students from across Williamson County held at the Williamson County Agricultural Center. Franklin, TN, November 14, 2002.
- Butler, J. and N. Steeten. "A Tale Told by Volcanoes on Earth and Io." Tennessee Science Teachers Association (TSTA) Annual Conference. Nashville, TN, November 22, 2002.
- Butler, J., T. Gary, and M. Duran. "Astrobiology: Is There Anybody Out There?" Tennessee Science Teachers Association (TSTA) Annual Conference, Nashville, TN, November 23, 2002.
- Butler, J. "Navigating the Maze of the Central Office." Moderator for Panel Discussion for the Tennessee Arts and Sciences Consortium (TASC). Nashville, TN, October 10, 2002.
- Butler, J. "Astrobiology: A Challenging Curriculum" Tennessee Association for Gifted (TAG) Annual Conference. Chattanooga, TN, October 18, 2002.
- Butler, J. "From Tang to Television." Teacher Workshop at the Cumberland Science Museum. Workshop jointly sponsored by Tennessee State University and the Cumberland Science Museum. Nashville, TN, September 9, 2002.
- Butler, J. and S. Kuner. "Models of Successful Collaborations and Technology Tools for Collaboratories." Minority Institution Astrobiology Collaborative Meeting at NASA Goddard Space Flight Center, MD, September 18-20, 2002.
- Butler, J. "Working on the Collaboratory Plan." Minority Institution Astrobiology Collaborative Meeting at NASA Goddard Space Flight Center, MD, September 18-20, 2002.
- Butler, J. "Action Research: A Tool for Improving Education." Guest Lecture, Tennessee State University Graduate Education Research Course. Nashville, TN, August 31, 2002.
- Butler, J. "Becoming a Teacher of Writers." Stone Elementary School, Cumberland County Schools. Crossville, TN, August 6 and 15, 2002.
- Butler, J. "Astrobiology: Is There Anybody Out There?" Tennessee State University sponsored workshop for 6th and 8th grade Tennessee teachers, Heritage Middle School and Dyer Observatory. Nashville, TN, June 11 - 13, 2002.
- Butler, J. "A Balanced Assessment Approach in Science." Molecular Biology Summer Institute at Tennessee State University. Nashville, TN, June 26, 2002.
- Butler, J. "Differentiated Instruction." Williamson County Schools Gifted Education Annual Workshop for Tennessee State Department of Education Employment Standards and TASL Credit. Franklin, TN, July 22, 2002.
- Butler, J. "Performance Based Assessment." Williamson County Schools Countywide Professional Development Day. Franklin, TN, February 18, 2002.
- Butler, J. and M. Lofstrom. "The Naturalist Journal." National School Boards Association Conference, (2002)
- Butler, J. "On the Town: The Importance of Primary Sources in K-12 Education." workshop at the Tennessee State Museum jointly sponsored by Williamson County Schools, Davidson County Schools, and the Tennessee Arts and Sciences Consortium. Nashville, TN, June 10, 2001.
- Hausman, G., J. Butler, S. Reynolds, and L. Winters. "Write On Target." Tennessee State Department of Education Assessment Conference 2001
- Butler, J. and M. Lofstrom. "The Importance of Environmental Education." Keynote address, Tennessee Conservation League's Annual Conference, 1998.

- Shao, S. and J. Butler. "Project DIANE: Video Teleconferencing and Community Outreach." Technology Conference Vanderbilt University, 1997.
- Butler, J. "To Kill a Mocking Bird or Teach it to Sing: What we Learned from the Road Ahead Grant." Workshop for the Virginia Technology Coordinators, 1997.
- Lofstrom, M., J. Butler, S. Fisher, and L. Garner. "Road Ahead Project." National Education Computer Conference (NECC) sponsored by the International Society for Technology in Education (ISTE), 1996.
- Butler, J. "Video teleconferencing as a classroom tool for the visual and performing arts." Workshop for the Tennessee Performing Arts Center (TPAC) and the Humanities Outreach in Tennessee (HOT) Program, 1997.
- Lofstrom, M. and J. Butler. "Wings Over Water." National School Boards Association National Annual Conference, 1996.
- Butler, J. and M. Lofstrom. "River Project: A Bridge to Careers for the 21st Century." Florida Technology Conference, 1995.
- Butler, J. "Collaboration and Information Sharing with Desktop Video Conferencing." Tennessee Technology Conference, 1995.
- Butler, J. "Technology Innovations in Tennessee." Global Village Schools National Conference, 1995.
- Butler, J. "River Studies Used in English Education." National Council of Teachers of English, 1994.
- Butler, J. "Grant Writing and Cross-Curricular Projects." Tennessee Academy for Teachers of the Gifted, 1994.
- Butler, J. "Harpeth River Environmental and Educational Project," American Water Resource Association Regional Conference, 1994.
- Butler, J. "Using Computers for IEP Development." Tennessee State Conference for Special Education Directors, 1993 and 1994.
- Butler, J. "HyperCard: A Tool for Creativity." Tennessee Academy for Principals, 1991 and 1992.
- Butler, J. "Computers and Creativity." Tennessee Academy for Teachers of the Gifted, Belmont University, 1992.

Current Professional and Academic Association Memberships

- National Council for the Social Studies (NCSS)
- Tennessee Association for the Gifted (TAG)
- National Staff Development Council (NSDC)
- National Association for Gifted Children (NAGC)
- Association for Supervision and Curriculum Development (ASCD)
- Delta Kappa Gamma for Key Women Educators
- National Science Teachers Association (NSTA)
- Barnard-Seyfert Astronomical Society (BSAS)
- Tennessee Science Teacher's Association (TSTA)
- • Tennessee Earth Science Teacher's Association (TEST)