



MICHAEL D. MULLEN, PH.D.

984.833.8211 | mike@michaeldmullen.com | Raleigh, NC 27607
MichaelDMullen.com | [LinkedIn.com/in/mdmullen](https://www.linkedin.com/in/mdmullen)

Professional Summary

Experienced higher education professional with nearly two decades of progressive administrative leadership, including guiding the development of a unified division of academic and student affairs that meets the academic, curricular, and co-curricular needs of over 36,000 students at a major land-grant research university. Dedicated to equitable and inclusive learning environments for all students and to the promise of higher education to change lives.

Administrative Leadership and Related Experience

Director of Soil Science Graduate Programs, Department of Crop and Soil Sciences, North Carolina State University	2019-present
Vice Chancellor and Dean for Academic and Student Affairs, North Carolina State University	2012-2019
Educational Consultant	2015-present
Associate Provost for Undergraduate Education and Dean of Undergraduate Studies, University of Kentucky	2009-2012
Associate Dean and Director for Academic Programs, College of Agriculture, University of Kentucky	2004-2009
Acting Director, School of Human Environmental Sciences, University of Kentucky	May-August 2005
Academic Program Coordinator, Department of Plant and Soil Sciences, University of Tennessee, Knoxville	2000-2001
Acting Assistant Dean for Academic Programs, College of Agricultural Sciences and Natural Resources, University of Tennessee, Knoxville	1999-2000

Faculty Experience

Professor, Department of Crop and Soil Sciences, North Carolina State University	2012-present
Professor, Department of Plant and Soil Sciences, University of Kentucky	2006-2012
Associate Professor, Plant and Soil Sciences, University of Kentucky	2002-2006
Associate Professor, Biosystems Engineering and Environmental Sciences, University of Tennessee, Knoxville	2001-2002
Associate Professor, Plant and Soil Sciences, University of Tennessee, Knoxville	1995-2001

Assistant Professor, Plant and Soil Sciences, University of Tennessee, Knoxville	1993-1995
Assistant Professor, Plant and Soil Sciences, University of Tennessee, Knoxville (50%) and Agriculture and Natural Resources, University of Tennessee, Martin (50%). Work location, University of Tennessee, Martin	1989-1993
Post-doctoral Research Associate, Agronomy, University of Arkansas	1987-1989

Education and Certifications

Ph.D., Soil Science, Minor in Microbiology, North Carolina State University	1987
MS, Soil Biochemistry, Purdue University	1984
BS, Natural Resources and Environmental Science, Purdue University	1981
Certified Professional Soil Scientist (CPSS), Soil Science Society of America. National ID: 24861	1998-present

Administrative Accomplishments

Vice Chancellor and Dean, Aug 2012-Aug 2019 Division of Academic and Student Affairs, North Carolina State University

North Carolina State University is a large public, land-grant, doctoral, very high research, four-year, primarily residential university with a total enrollment of over 36,000 students and undergraduate enrollment of nearly 26,000.

Served as the inaugural leader of the newly created Division of Academic and Student Affairs after the merger of Student Affairs and Undergraduate Academic Programs in July 2012. Provided strategic leadership for approximately 580 full-time staff and faculty, over 2500 student employees, 45+ programs and units, 11 direct reports, and an expenditure budget of approximately \$126M.

A partial listing of units in my leadership portfolio:

Academic Affairs Units

- Academic Advising Services and Exploratory Studies
- Academic Support Program for Student Athletes
- Arts NC State
- Department of Health and Exercise Studies
- Department of Music
- Disability Resources Office

Student Affairs Units

- Career Development Center
- Counseling Center and Prevention Services
- Fraternity and Sorority Life
- Leadership and Civic Engagement
- Military and Veterans Services
- New Student Programs/Orientation
- Student Conduct Office
- Student Health Services

- Fellowship Advising Office
- Office of Assessment
- Office of Undergraduate Courses and Curricula
- ROTC (Air Force, Army, Naval) and Military Science
- THINK Program – The NCSU QEP
- TRIO Programs
- Undergraduate Research
- University Honors and Scholars
- University Tutoring Center
- Student Involvement
- Student Legal Services
- Student Media
- Student Ombuds Office
- University Housing (20 residence halls, 4 apartment complexes)
- Wellness and Recreation

Portfolio also included an array of central division service units to include: Finance, Human Resources, Development, Marketing and Communication, Facilities Planning and Management, and Technology Services, all (except DASA Tech) created in the past seven years.

Served on the Chancellor's Cabinet and the Provost's Deans Council as the primary advocate for the student voice. Served as academic dean for approximately 1200 students in DASA, including Exploratory Studies, the second largest group of first-year students enrolling each year. The Division has been recognized nationally as a best practice in bringing student support, enrichment, and service programs together to better serve students. Provided leadership for an exceptional team that accomplished much in seven years; a partial listing of those accomplishments is provided below.

Selected accomplishments:

- Provided strategic vision for how academic affairs and student affairs can come together seamlessly to better serve the needs of all students on a major campus;
- Initiated the creation of a new 8,000 sq. ft. Academic Success Center, that will provide centralized tutoring, academic coaching, writing and presentation support, supplemental instruction, and touchdown academic and career counseling, to open August 2020;
- Acquired the EAB Navigate platform to better advise students and identify those in need of more academic assistance;
- Grew the Interdisciplinary Environmental Science Bachelor of Science degree from about 25 students to over 250 in six years and then moved it to the College of Natural Resources;
- Stewarded the Higher Order Skills in Critical and Creative Thinking Program, the THINK program – NC State's SACS Quality Enhancement Plan;
- Worked with the Chancellor to provide \$100,000 in need-based scholarships for study abroad, allowing nearly 50 students a year to participate;
- Worked with the Chancellor to provide \$90,000 to support undergraduate research;
- Expanded access to tutoring for undergraduates and reinstated writing support for graduate students;
- Increased the number of mental health counselors from 18 to 39, doubling our capacity to serve student mental health needs;
- Started the NC State Wellness Initiative to promote student, faculty and staff wellness. For example, NC State Wellness and Recreation partners with the Counseling Center, providing students with wellness coaching as an alternative to counseling;
- Initiated the approval and construction of a new 82,000 sq. ft. Wellness and Recreation Center, opening October 2020;
- Initiated a first-year student on-campus residency requirement in fall 2016. For fall 2019, 4740 first year students live in residence halls (98.3% of cohort);

- Initiated a Housing Master Plan to plan for future growth and replacement of aging housing stock;
- Grew the number of Living Learning Villages in Residence Halls from 10 to 15;
- Initiated an external review of Fraternity and Sorority Life resulting in stronger staff and student leadership, operations, and education, including required hazing education for all incoming students;
- Opened the first Military and Veterans Services Center at NC State in fall of 2016, serving the educational and personal needs of over 2,300 military-affiliated students;
- Negotiated university reinvestment to complete the \$36M Greek Village housing project;
- Created the first office of the Student Ombuds, Fall 2014.
- Initiated the Pack Essentials suite of services including the Student Emergency Fund, the Feed the Pack Food Pantry, the Meal Share program, and Meal Plan scholarships to assist students experiencing food, housing, and financial insecurity and raised \$350,000 in one year to support the programs; well over \$2 million has now been raised to support students in need;
- Initiated development of a campus Postvention Plan to deal with student deaths and emergencies;
- Established a DASA Emergency and Crises Response team;
- Initiated biannual, two-day Race Awareness workshops for DASA leadership and staff; over 150 staff (including me) have participated since June 2016;
- Created the DASA Development Office which raised nearly \$20M for division programs in six years;
- Created divisional offices for Financial Assistance, Human Resources, and Facilities Management.

Associate Provost and Dean, Oct 2009-Jul 2012 Undergraduate Education and Undergraduate Studies, University of Kentucky.

The University of Kentucky is a large public, land-grant, doctoral, very high research, four-year, primarily residential university with a total enrollment of over 30,000 students and undergraduate enrollment of over 22,000.

Provided leadership for approximately 70 staff members and a budget of approximately \$9M. Managed a wide portfolio of programs and services serving undergraduate students across the University, including tutoring, honors programs, undergraduate research, advising for undeclared students, student success, and other student serving programs. As Dean of Undergraduate Studies, I provided academic leadership for approximately 1500 undeclared students exploring their options for majors at the University, and for quality advising campus-wide. Served on the Provost's Cabinet and on Dean's Council.

Selected accomplishments:

- Leadership for final stages of development, faculty approval, and implementation of an innovative new general education core curriculum, the UK Core;
- Led University efforts to improve undergraduate retention, persistence, graduation rates and student success; retention rate increased from 76% to 81%;
- Expanded the Academic Enhancement Center to provide centralized placement testing services, expanded group peer-tutoring, supplemental instruction, and academic coaching and consults;

- Moved all admitted at-risk students (defined by state statute based on ACT scores) into Undergraduate Studies to provide uniform and proactive advising;
- Hosted annual Student Success forums where deans, directors of undergraduate studies and student affairs professionals came together to learn of our progress on student retention and persistence;
- Transformed the Honors program to include hiring a dynamic, full-time faculty Director (previously a 0.5 FTE position) and developing a new program that greatly enhanced flexibility for students and provided opportunities for faculty in all colleges to participate;
- Worked with the Dean of the Graduate School and University Senate to streamline curriculum approval processes via a new digital platform;
- Worked collaboratively with the Vice President of Student Affairs and his team on campus implementation of the first-year experience course, the common reading, and student organization issues;
- Collaborated with the Vice President for Diversity and others on the creation of a Bias Response Team following the 2008 presidential election;
- Successfully developed First Generation Programming, which has led to UKY being labeled as a First-Gen Forward Institution;
- Collaborated with the Division of Student Affairs, the Office of Diversity, and the Office of Enrollment Management to sponsor "First Thursdays," an opportunity for staff to come together to learn about campus-wide programming on behalf of student success and reinforce common missions.

Associate Dean for Academic Programs, Jun 2004-Oct 2009 College of Agriculture, University of Kentucky

Responsibility and oversight for undergraduate and graduate curricula, undergraduate advising, recruitment and retention, scholarship management, career and internship activities, student organizations, and academic program reviews. Provided leadership for nine staff and a budget of approximately \$2.3M.

Selected accomplishments:

- Led efforts to change metrics for teaching faculty promotion and merit pay consideration;
- Co-initiated the Sustainable Agriculture BS degree;
- Facilitated the creation of a BS in Equine Science;
- Created the college satellite Career Services Office;
- Created the College of Agriculture Center for Excellence in Teaching and Learning;
- Initiated the first Associate Deans Council that provided support to the Associate Provost for Undergraduate Education

Leadership Development Activities

Institute Faculty Member, Lamborn-Hughes Institute, Reinvention Collaborative, Colorado State University	June 2019
NASPA Vice Presidents for Student Affairs Leadership Summit	March 2019
ACC Leaders Network, Leadership Development Program	2018-2019
The Race Awareness Workshop (http://www.basicdiversity.com)	June, 2016

NASPA Institute for New Vice Presidents for Student Affairs	Oct. 2012
Food Systems Leadership Institute, Association of Public and Land-Grant Universities (APLU)	2007-2009
ESCOPE/ACOP Leadership Development Program, National Association of Universities and Land-Grant Colleges (now APLU)	2000-2001

Development and Fundraising Activities

- Created the first DASA Development unit in 2014 with responsibilities for raising funds for all division programs, to include the Arts NC State units. Includes the Executive Director, a Director for Arts Development and four staff members;
- Raised \$19,835,411 during my tenure with the team. Highlights include:
 - \$500,000 endowment supporting high-impact experiences for students with financial need;
 - \$4,000,000 for the Gregg Museum of Art, including several 5- and 6-figure gifts
 - \$350,000 for Student Emergency Fund and Meal Plan Scholarships
 - \$325,000 for the Military and Veterans Services Center
 - Three named endowments for the Counseling Center & Prevention Services and Student Health
 - \$1,900,000 for Greek Village redevelopment
 - \$200,000 for the Career Development Center
- Exceeded our capital campaign goal of \$20M in July 2019, two years early

I have been PI or Co-PI on several grants totaling \$1,074,540 as a faculty member at the Universities of Kentucky and Tennessee. Details available on request.

Academic Consulting

Georgia Gwinnett College, Review of Academic and Student Affairs	March, 2016
University of South Florida, Merger of Academic and Student Affairs	October, 2015
Numerous informal consultations to include Purdue University, NY Institute of Technology, UNC System Schools.	

Professional Memberships and Affiliations

- ACPA – American College Personnel Association
- American Society of Agronomy
- Association of Public and Land-grant Universities
- NASPA – Student Affairs Administrators in Higher Education
- NACTA – North American Colleges and Teachers of Agriculture
- The Reinvention Collaborative

- Soil Science Society of America

Recognitions

- Elected to the APLU Council on Student Affairs Executive Committee, Nov 2015 – Nov 2018
- President and Chair of the Board, Reinvention Collaborative, October 2016-October 2017
- Outstanding Alumni Award, College of Agriculture, North Carolina State University, October 2015
- Distinguished Educator Award, North American Colleges and Teachers of Agriculture (NACTA). June 2014
- President, NACTA, June 2009-June 2010
- Past-President and Chair, NACTA Foundation, June 2010 to June 2011
- Fellow, Food Systems Leadership Institute, Completed November 2009. Two-year program focused on a series of core leadership competencies and three complementary threads: individual leadership; leading change within organizations; and understanding and influencing complex, diverse food systems. Joint program of the National Association of State Universities and Land-Grant Colleges (now APLU) and the W.K. Kellogg Foundation
- Career Award in Education, Southern Branch of the American Society of Agronomy, February 2003
- Teaching Fellow, North American Colleges and Teachers of Agriculture, June 2002
- University of Tennessee National Alumni Association Outstanding Teacher Award, April 1998
- University of Tennessee Nominee, USDA Food and Agricultural Sciences Excellence in College and University Teaching Award, 1998, 1999, 2000
- Fellow of the Center for Undergraduate Excellence, Undergraduate Academic Affairs, University of Tennessee, September 1997
- W.F. and Golda Moss Outstanding Teacher Award, College of Agricultural Sciences and Natural Resources, April 1996
- Early-Career Award in Education, Southern Branch of the American Society of Agronomy, February 1996
- TN Assoc. of Colleges and Teachers of Agriculture Outstanding Teacher Award, March 1996
- American Society of Agronomy Board of Directors, representing the Agronomic Resident Education division, 1998-2001

Continuing Education

- October 13, 2020. Town Hall with Dr. Claude Steele and Dr. Mary Murphy. The Student Experience Project.

Scholarly Contributions

Refereed Journal Publications

- Ritchey, E.L., D.D. Tyler, M.E. Essington, M.D. Mullen, and A.M. Saxton. 2015. Nitrogen Rate, Cover Crop, and Tillage Practice Alter Soil Chemical Properties. *Agronomy Journal*, 107:1259-1268.
- Keating, M., V. Bhavsar, H. Strobel, L. Grabau, M. Mullen, and M. Williams. 2010. Engaging Agriculture and Non-Agriculture Students in an Interdisciplinary Curriculum for Sustainable Agriculture. *NACTA Journal*, 54(4): 24-29.
- Ferris, D.R., J.A. Hattey, and M.D. Mullen. 2010. The Soil Science Profession: Investment, Vestment and Validation. *Soil Science Society of America Journal*, 74: 453-460.
- Law, D.M., V. Bhavsar, J. Snyder, M.D. Mullen and M. Williams. 2008. Evaluating solarization and cultivated fallow for Johnsongrass (*Sorghum halepense*) control and nitrogen cycling on an organic farm. *Biological Agriculture and Horticulture*, 26:175-191.
- Devine, W.D., Tyler, D.D., Mullen, M.D., Houston, A.E., Joslin, J.D., Hodges, D.G., Tolbert, V.R. and Walsh, M.E. 2005. Conversion from an American Sycamore (*platanus occidentalis* L.) biomass crop to a no-till corn (*Zea mays* L.) system: crop yields and management implications. *Soil and Tillage Research*, 87:101-111.
- Devine, W.D., M.D. Mullen, D.D. Tyler, A.E. Houston, J.D. Joslin, D.G. Hodges, V.R. Tolbert, and M.E. Walsh. 2004. Conversion from a Sycamore Biomass Crop to a No-till Corn System: Effects on Soils. *Soil Science Society of American Journal*, 68: 225-233.
- Raman, D.R., E.L. Williams, A.C. Layton, R.T. Burns, J.P. Easter, A.S. Daugherty, M.D. Mullen, and G.S. Sayler. 2004. Estrogen Content of Dairy and Swine Wastes. *Environmental Science and Technology*, 38: 3567-3573.
- Abbott, D.E., M.E. Essington, M.D. Mullen, and J.T. Ammons. 2001. Fly ash and lime-stabilized biosolid mixtures in mine spoil reclamation: simulated weathering. *Journal of Environmental Quality*, 30: 608-616.
- Chang, Y-J., A. K. M. Anwar Hussain, J. R. Stephens, M.D. Mullen, D. C. White and A. D. Peacock. 2001. Impact of herbicides on the abundance and structure of indigenous β -subgroup ammonia oxidizer communities in soil microcosms. *Environmental Toxicology and Chemistry*, 20:2462-2468.
- Howard, D.D., C.O. Gwathmey, M.E. Essington, R.K. Roberts, and M.D. Mullen. 2001. Nitrogen fertilization of no-till cotton produced on loess-derived soils. *Agronomy Journal*, 93:157-163.
- Kubikova E., J.L. Moore, B.H. Ownley, M.D. Mullen, and R.M. Augé. 2001. Mycorrhizal impact on osmotic adjustment in *Ocimum basilicum* during a lethal drying episode. *Journal of Plant Physiology* 158: 1227-1230.
- Marshall, S.B., M.D. Mullen, M.L. Cabrera, C.W. Wood, L.C. Braun, and E.A. Guertal. 2001. Nitrogen budget for fescue pastures fertilized with broiler litter in Major Land Resource Areas of the southeastern U.S. *Nutrient Cycling in Agroecosystems*, 59:75-83.
- Peacock, A.D., M.D. Mullen, D.B. Ringelberg, D.D. Tyler, D.B. Hedrick, P.M. Gale, and D.C. White. 2001. Soil Microbial Community Response to Dairy Manure or Ammonium Nitrate Applications. *Soil Biology and Biochemistry*, 33:1011-1019.
- Raman, D. R., A. C. Layton, L. B. Moody, J. P. Easter, G. S. Sayler, R. T. Burns, and M. D. Mullen. 2001. Degradation of estrogens in dairy waste solids: Storage methods and temperature effects. *Transactions of the American Society of Agricultural Engineers*, 44: 1881-1888.
- Gale, P.M., M.D. Mullen, M. Kirchner, B.N. Duck, D.D. Tyler, C. Cieslik and J. McClure. 2000. Phosphorus Distribution and Availability in Response to Dairy Manure Applications. *Communications in Soil Science and Plant Analysis*, 31:553-565.
- Marshall, S.B., M.L. Cabrera, C.W. Wood, L.C. Braun, M.D. Mullen and E.A. Guertal. 1999. Denitrification from Fescue Pastures Fertilized with Broiler Litter. *Journal of Environmental Quality*, 28:1978-1983.

- Mullins, C.A., R.A. Straw, B. Pitt, Jr., D.O. Onks, M.D. Mullen, J. Reynolds, and M. Kirchner. 1999. Response of selected sweet corn cultivars to nitrogen fertilization. *HortTechnology*, 9:32-35.
- Marshall, S.B., C.W. Wood, L.C. Braun, M.L. Cabrera, M.D. Mullen, and E.A. Guertal. 1998. Ammonia Volatilization from Tall Fescue Pastures Fertilized with Broiler Litter. *Journal of Environmental Quality*, 27:1125-1129.
- Mullen, M.D., C.G. Melhorn, D.D. Tyler, and B.N. Duck. 1998. Biological and biochemical soil properties in no-till corn with different cover crops. *Soil and Water Conservation*, 53:219-224
- Hartel, P.G., J.J. Fuhrmann, W.F. Johnson, Jr., E. Lawrence, C.S. Lopez, M.D. Mullen, H.D. Skipper, T.E. Staley, D.C. Wolf, A.G. Wollum II, and D.A. Zuberer. 1994. Survival of a lacZY-containing *Pseudomonas putida* strain under stressful abiotic soil conditions. *Soil Science Society of America Journal*, 58:770-776.
- Howard, D.D. and M.D. Mullen. 1991. Evaluation of in-furrow and banded starter N-P-K nutrient combinations for no-tillage corn production on soils fertilized with four rates of phosphate and potash. *Journal of Fertilizer Issues*, 8:34-39.
- Mullen, M.D., D.W. Israel, and A.G. Wollum II. 1988. Effects of *Bradyrhizobium japonicum* and soybean (*Glycine max* (L.) Merr.) phosphorus nutrition on nodulation and dinitrogen fixation. *Applied and Environmental Microbiology*, 54:2387-2392.
- Mullen, M.D., D.C. Wolf, T.J. Beveridge, and G.W. Bailey. 1992. Sorption of heavy metals by the soil fungi *Aspergillus niger* and *Mucor rouxii*. *Soil Biology and Biochemistry*, 24:129-135.
- Mullen, M.D., D.C. Wolf, F.G. Ferris, T.J. Beveridge, C.A. Fleming, and G.W. Bailey. 1989. Bacterial sorption of heavy metals. *Applied and Environmental Microbiology*, 55:3143-3149.
- Mullen, M.D. and A.G. Wollum, II. 1989. Variation among different cultures of *Bradyrhizobium japonicum* strains USDA 110 and 122. *Canadian Journal of Microbiology*, 35:583-588.

Peer-Reviewed Book Chapters (all invited)

- Tanaka, K., M. Williams, K. Jacobsen, and M. Mullen. 2011. Sustainably Growing Farmers of the Future: Undergraduate Curriculum in Sustainable Agriculture at the University of Kentucky." In K. Bartels and K. Parker (eds.), *Teaching Sustainability and Teaching Sustainably in Higher Education*. Sterling, VA: Stylus Publishing. 97-114.
- Mullen, M.D. 2004. Phosphorus in soils: Biological interactions. In, (D. Hillel, ed.), *Encyclopedia of Soils in the Environment*. Elsevier Ltd., Oxford, UK. Vol. 3: 210-215.
- Mullen, M.D. 2004. Transformations of phosphorus and other elements. In, (D. Sylvia et al., ed.) *Principles and Applications of Soil Microbiology*, 2e. Prentice Hall, Upper Saddle, NJ. Pp. 463-488.
- Mullen, M.D. 1998. Transformations of other elements. In, (D. Sylvia et al., ed.) *Principles and Applications of Soil Microbiology*. Prentice Hall, Upper Saddle, NJ. pp. 369-386.

Refereed Conference Proceedings

- Mullen, M.D., S. Herrick, R. Jordan, K. Lewis and T. Thomas. 2011. A Multi-faceted Model to Impact Retention: Successful Initiatives at the University of Kentucky. Seventh Annual National Symposium on Student Retention, Charleston, SC, Oct. 31 – Nov. 2.
- Devine, W., M. Mullen, D. Tyler, A. Houston, D. Joslin, D. Hodges, V. Tolbert and M. Walsh. 2002. Integrating woody biomass crops and row crops in rotation. II. Effects on soils. In *Transactions of the 17th World Congress of Soil Science: Paper 785*, pages 1-9. Bangkok, Thailand, Aug. 14-21, 2002.
- Devine, W., D. Tyler, M. Mullen, A. Houston, D. Joslin, D. Hodges, V. Tolbert and M. Walsh. 2002. Integrating woody biomass crops and row crops in rotation. I. Management

implications. *In* Transactions of the 17th World Congress of Soil Science: Paper 786, pages 1-9. Bangkok, Thailand, Aug. 14-21, 2002.

- Tyler, D., E. Ritchey, M. Essington, M. Mullen, and A. Saxton. 2002. Cover crop and tillage effects on soil acidity and liming. *In* Proceedings of the 5th Annual National Soil Conservation Tillage Cotton and Rice Conference: 20-21. Tunica, MS Jan. 24-25, 2002.
- Mahajanashetti, S.B., B.C. English, R.K. Roberts, M. Mullen, and S. Slinsky. 1998. An economic analysis of carryover effects of manure nitrogen on corn silage. *In*, Animal Production Systems and the Environment, Proceedings Volume II, Iowa State University Extension Service, July 19-22, 1998, pp 717-722.
- Bandaranayake, W.M., D.D. Tyler, A.E. Houston, M. Shiers, B.C. Bock, J.D. Joslin, F.C. Thornton, and M.D. Mullen. 1996. Vegetative cover effects on infiltration and other soil physical parameters in a no-till loess soil. *In* Proceedings of the Seventh National Bioenergy Conference II:785-792. The Southern Regional Biomass Energy Program, Nashville, TN Sept. 15-20, 1996.
- Mullen, M.D., K.E. Simmons, D.D. Tyler, B.N. Duck, M.B. Daniels, G.V. Wilson, and J.K. Bernard. 1993. Water quality in no-tillage systems with no prior manure applications. *In*, (Patrick K. Bollich, ed.) Proceedings of the 1993 Southern Conservation Tillage Conference for Sustainable Agriculture. Monroe, Louisiana, June 15-17, 1993. Louisiana State University Agricultural Experiment Station. pp. 135-140.
- Mullen, M.D., D.D. Tyler, B.N. Duck, and G.V. Wilson. 1993. Impacts of short-term manure applications on silage yields, water quality, and soil N and P concentrations. Proceedings of the 1993 Southern Soil Fertility Conference. Memphis, TN, October 12-13, 1993. Sam Roberts Noble Foundation, Inc., Ardmore, OK. pp 9-15.
- Simmons, K.E., M.B. Daniels, M.D. Mullen, D.D. Tyler, B.N. Duck, G.V. Wilson, and J.K. Bernard. 1993. Water quality in no-tillage systems following long-term manure applications. *In*, (Patrick K. Bollich, ed.) Proceedings of the 1993 Southern Conservation Tillage Conference for Sustainable Agriculture. Monroe, Louisiana, June 15-17, 1993. Louisiana State University Agricultural Experiment Station. pp. 141-144.
- Mullen, M.D., and D.D. Howard. 1992. Horizontal and vertical distributions of soil C, N, P, K and pH in continuous no-tillage corn production. *In*, M.D. Mullen and B.N. Duck (eds.), Proceedings of the 1992 Southern Conservation Tillage Conference: Conservation Tillage for Profitable Farming and Environmental Quality. Special Publication 92-01, Tennessee Agricultural Experiment Station, Institute of Agriculture, The University of Tennessee, Knoxville. July 1992. pp. 6-10.

Trade Articles

- *United Stand*. M. Mullen. *In*, Leadership Exchange, Winter 2018, Volume 15(4), pp. 15-16
- *One Division Serving the Whole Student*. M.D. Mullen. *In*, Leadership Exchange, Spring 2013, Volume 11(1), p. 15

Research Bulletins and Reports

- Coburn, C.B., R.D. Hudgens, and M.D. Mullen. 1999. Environmental effects of engine coolant additives. *In*, Engine Coolants and Cooling Systems, Publication SP-1456, SAE Technical Paper Series. Society of Automotive Engineers, Warrendale PA
- Mullen, M.D., and B.N. Duck, editors. 1992. Proceedings of the 1992 Southern Conservation Tillage Conference: Conservation Tillage for Profitable Farming and Environmental Quality. Special Publication 92-01, Tennessee Agricultural Experiment Station, Institute of Agriculture, The University of Tennessee, Knoxville. 137 pp.
- Mullen, M.D., T.J. Beveridge, F.G. Ferris, D.C. Wolf, and G.W. Bailey. 1990. Sorption of heavy metals by intact microorganisms, cell walls, and clay-wall composites. Environmental Research Brief EPA/600/M-90/004, July 1990. U.S. Environmental Protection Agency, Athens, GA.

- Tyler, D.D., M.D. Mullen, and B.N. Duck. 1994. Soil management research in Tennessee. Tennessee Farm and Home Science. No. 172, Fall 1994. p. 10-13

Published Abstracts of Presentations since 2000

- M.D. Mullen, G. Heileman. 2018. Student and Academic Affairs, an Emerging Organizational Model: Moving from Collaboration to Integration. Program at NASPA Annual Conference, March 6, 2018
- Kirby, B.M., and M.D. Mullen. 2016. Global Perspective Certificate Program: Assessment Using a Faculty Development Rubric. Abstracts of the Annual NACTA Meetings, June 21, 2016. <http://www.nactateachers.org/attachments/article/2432/NACTA%20Abstracts-Vol.60-Supplement1.pdf> page 67,
- Gibas-Ferris, D and M. Mullen. 2007. Soil science licensing and certification: a look at the importance of national examinations in the longevity of the soil science profession. Abstracts of Annual ASA-CSSA-SSSA Meetings. <http://crops.confex.com/crops/2007am/techprogram/meeting.htm> and CD-ROM.
- Grabau, L.J., D. McNear, and M. Mullen. 2007. Technology support for a mastery learning initiative in an expanding soil science course. Abstracts of the Annual Meeting of the ASA-CSSA-SSSA, CD and <http://crops.confex.com/crops/2007am/techprogram/meeting.htm>.
- Mullen, M., and D. Gibas-Ferris. 2007. Trends in soil science education and career choices: where do we go from here? Abstracts of the Annual Meeting of the ASA-CSSA-SSSA, CD and <http://crops.confex.com/crops/2007am/techprogram/meeting.htm>.
- Mullen, M., M. Williams, V. Bhavsar, L. Grabau, and M. Keating. 2006. Development of an Innovative Sustainable Agriculture Curriculum. NACTA Annual Conference, University of British Columbia, Vancouver, British Columbia, June 2006.
- Kittrell, K., V.M. Bhavsar, M.D. Mullen, and E.M. D'Angelo. 2004. Descriptors of Soil Productivity in Organic Farm Systems. Agronomy Abstracts, CD ROM. American Society of Agronomy, Madison, WI.
- Mullen, M.D. Reflections on Eight Years as an E-Teacher. 2004. Agronomy Abstracts CD-ROM. American Society of Agronomy.
- Mullen, M.D., D.O. Ostermeier, and J.L. Pavey. 2004. Trade-offs in Agriculture and Natural Resources: An Issues Course Designed for Non-Majors. NACTA Annual Conference, University of Florida, Gainesville, FL, June 2004.
- Schwab, G.J. and M.D. Mullen. Monoliths Made Easy. 2004. Agronomy Abstracts CD-ROM. American Society of Agronomy.
- Logan, J. and M.D. Mullen. 2003. Learning Objects to Teach Soil and Environmental Sciences. Agronomy Abstracts CD-ROM.
- Mullen, M.D., D.R. Tracy, J. Balogh, S. Feagley, M. Milford, J. Kleiss, and I. Fernandez. 2003. Licensure and Certification of Soil Science Professionals: Promoting the Profession. Agronomy Abstracts CD-ROM.
- Cabrera, M.L. C.W. Wood, and M.D. Mullen. 2001. Ammonia Volatilization from Field-Applied Dry Manures. Agronomy Abstracts, CD ROM. American Society of Agronomy, Madison, WI.
- Mullen, M.D. and J. Logan. 2001. Incorporation of Streaming Video Technology into Soil Biology and Biochemistry Courses. Agronomy Abstracts CD-ROM.
- Mullen, M.D. and J. Logan. 2001. Using Streaming Video Technology in Online and Face-to-face Agriculture and Natural Resource Courses. NACTA Annual Conference, University of Saskatchewan, Saskatoon, Saskatchewan, June 2001.
- Franks, L.R. and M.D. Mullen. 2000. Comparison of Phosphorus Extractants on Manured Soils Across Tennessee. Abstracts of Technical Papers, 2000 Annual Meeting of the Southern Branch of the American Society of Agronomy. 27:4.

- Kirchner, M.J., M.D. Mullen, D.D. Tyler, G.S. Saylor, D.C. White. 2000. Changes in microbial community structure over time after conversion from annual row crops to short-rotation woody crops. *Agronomy Abstracts*, p. 340.
- Ritchey, E.L., D.D. Tyler, M.E. Essington, and M.D. Mullen. 2000. The influence of N-rate, cover crop, and tillage practices on liming in cotton. *Abstracts of Technical Papers, Southern Branch of American Society of Agronomy*, 27:4.

Invited Presentations

- Strengthening the Student-Centered Research University. Invited Workshop Faculty (workshop was developed to enhance dialogue between student and academic affairs professionals), Lamborn-Hughes Institute, Reinvention Collaborative, Colorado State University, June 26 – 29, 2019
- Student Centered Research Universities: Organizational Models. M. Mullen and G. Heileman. Invited presenter and panelist discussing student and academic affairs collaborations. Lamborn-Hughes Institute, Reinvention Collaborative, Colorado State University, June 28, 2019
- Undergraduate Student Success. Seminar at University of South Florida, Tampa, FL. Nov. 4, 2014.
- From Success with Students to Student Success. Keynote Presentation at the 59th Annual Conference of the North American Colleges and Teachers of Agriculture, Blacksburg, VA, June 27, 2013.
- Incorporation of Streaming Video Technology into Soil Biology and Biochemistry Courses. S-3/A-1 Session on Teaching Innovations in Soil Microbiology, Charlotte, NC ASA Meetings, Nov. 2001
- Using Instructional Technology Resources. Invited seminar presented to the UT Graduate Teaching Assistant Seminar Series, Feb. 23, 2001. Univ. of Tennessee.
- Technology in the Soil Science Classroom: Using a Course Management System. 1999 UT Statewide Continuing Education Conference, Oct. 27, Dickson TN.
- Soil Ecology Research at UT. Presented to Dept. of Agronomy and Soils, Auburn University, February 1999
- Integrating Information Technology in the Classroom, GTA Seminar Series, March 22, 1999. University of Tennessee, Knoxville
- Environmental Science Graduates: Where are they Employed? Dept. of Agronomy, Univ. of Arkansas, July 13, 1998.
- Information Technology: Tools for Teaching. Dept. of Agronomy, Univ. of Arkansas, July 14, 1998.

Classroom Teaching

NC State University

- ALS 398H Agriculture and Life Sciences Honors Seminar: Global Climate Change, Spring 2020
- SSC 455 Soils, Environmental Science, and Global Challenges, Fall 2020

Guest lectures:

- COM 466 Nonprofit Leadership & Development, Fall and Spring, 2013-2019
- EAC 517 Current Issues in Higher Education, Spring 2013, 2015, 2019, Fall 2014,
- EAC 540 Foundations in Higher Education and Student Affairs, Fall 2013-14, 2017-18
- EAC 541 Administration and Finance in Student Affairs, Fall 2012
- EAC 704 Leadership in Higher Education, Spring 2013
- ECD 535 Student Development in Higher Education, Fall 2013, 2014, 2015, 2016

University of Kentucky – Undergraduate Courses

- DSP 130 Discovery Seminar, Fall 2010
- DSP 130 Discovery Seminar, Fall 2007, 2008 (w/Mark Williams, Tony Roccanova)(3 cr)
- GEN 100 Issues in Agriculture, Spring 2005, 2007, 2008 (w/John Obryki) (3 cr)
- GEN 200 Advanced Issues in Agriculture, Fall 2008
- GEN 300 French Agriculture, Spring 2004 and Spring 2005 (3 cr)
- GEN 302 Thailand Agriculture, Natural Resources and Culture, Spring 2008 (3 cr)
- NRC 320 Wetland Delineation module, each summer, 2002 – 2008
- PLS 366 Fundamentals of Soil Science – 4 cr lec/lab course, Fall 2003 & Spring 2004
- PLS 366 Fundamentals of Soil Science – 3 cr lecture course, Fall 2002 & Spring 2003
- PLS 367 Soil and Water Analysis Laboratory, Fall 2002, Spring 2003 (1 cr)
- Invited Lectures in PLS 104, Every semester, Fall 2002 – Fall 2003
- Invited Lectures in SAG 101, Fall 2008
- Invited Lectures in HES 100, Fall 2008, 2009

University of Kentucky – Graduate Courses

- PLS 566 Soil Microbiology, Spring 2004 (3 cr)
- PLS 772 Soil Science Seminar, Fall 2003, Spring 2004 (1 cr – coordinator)

University of Tennessee – Undergraduate Courses

- ANR 317 Agriculture and Natural Resources Honors Seminar, Fall 1999 (1 cr)
- ANR 333 Food, Forests, and the Environment, every Spring 1996-2002 (3 cr)
- PSS 200 Current Topics in Environmental Science, every Fall 1993-99 (1 cr)
- PSS 210 Introduction to Soil Science, Fall 1993, 2000-01 Spring 1995-98, 2000-02 (3-4 cr)
- PSS 211 Soil Science Laboratory, Each semester, 1994-Spring 1998 (1 cr)
- PSS 310 Soil Science, Spring 1999-2002 (3 cr)
- PSS 315 Soil and Water Conservation, Spring 1994, 1995 (3 cr)
- PSS 411 Soil Microbiology, every Fall 1993-98 (3 cr)

University of Tennessee – Graduate Courses

- PSS 509 Scientific Communication, Fall 1998 (1 cr)
- PSS 501 Seminar Prep, each semester 1993 - 1995, Fall Sem. 1996-98 (1 cr)
- PSS 503 Seminar, involved each semester since 1993 (1 cr)
- PSS 516 Soil Biology and Biochemistry, Fall 1999, 2001, 2002 (3 cr)
- PSS 601 Spec. Topic: Advanced Soil Biochemistry, Sp. 1995 (3 cr)
- PSS 601 Spec. Topic: Soil Biology and Biochemistry, Fall 1996 (3 cr)
- PSS 614 Adv. Topics in Soil Biology and Biochemistry, Fall 2000 (2 cr)

University of Tennessee at Martin – Undergraduate Courses

- SSC 210 Introduction to Soil Science, 1990-1992, taught four times (4 cr)
- SSC 250 Soil and Landscape Evaluation, Fall 1991-1992, taught twice (2 cr)
- SSC 315 Soil and Water Conservation, 1989-1993, taught five times (3 cr)

- SSC 321 Soil Genesis, Classification, Morphology, 1991-1993, taught twice (3 cr)
- SSC 412 Soil Chemistry and Fertility, 1990 - 1992, taught twice (3 cr)
- SSC 420 Soil Microbiology and Biochemistry, 1991-1993, taught twice (3 cr)

Student Advising

Graduate Committees – NC State University

- Dr. Alex Waldie, Higher Education Administration, 2016-2019
- Dr. Trey Standish, Higher Education Administration, 2013-2017
- Stacy Fair, Doctoral Candidate, Higher Education Administration, 2015-2018

Undergraduate Advising – University of Kentucky

- Advisor to UK College of Agriculture Student Council, Fall 2004 – Fall 2009
- Faculty Advisor to UK College of Agriculture Ambassadors, August 2003 - May 2005
- Academic advising for approximately 10-15 undergraduates in Natural Resource Conservation and Management and Plant and Soil Science programs at UK, Fall 2002 – Spring 2005.
- Academic Advising for 2-5 undergraduates in Natural Resource Conservation and Management, Fall 2005 – Fall 2009.

Graduate Student Committees – University of Kentucky

PhD Students

- William Andrews – Geology (Graduate School outside Examiner – May 2005)
- Jim Breslin – Higher Education Administration (2012-2015)
- Audrey Horrall – Crop Science (2003-2009)
- Bunjirtluk Jintaridith – Soil Science (Chair; 2003 - 2007)
- Wensui Luo – Soil Science (2002-2005)
- Edwin Ritchey – Soil Science (2002-2008)
- Jared Tippits – Higher Education Administration (2010 – 2012)
- Kamruz Zaman – Chemistry (2004 -2008)

MS Students

- Jim Breslin – Higher Education Administration (2009-2010)
- Jason Headrick – Career and Leadership Education (2010-2013)
- Daniel Kischnick – Plant and Soil Science (2003-2006; Chair)
- David Lyon – Forestry (2002-2004)
- Delia Scott – Plant and Soil Science (2005 – 2008)
- Julia Ter Beest – Forestry (2003-2005)

Undergraduate Advising – University of Tennessee

- Academic advisor for 40-50 students per year at UT, 1989-2002
- Faculty advisor to UTK Plant and Soil Science Club, 1993-96 and 1999-2002
- Faculty advisor to UT-Martin Agronomy Club, 1989-93
- Faculty coach to UT-Martin Soil Judging Team, 1989-93
- Advisor to one UT College Scholar, 1994-1996.
- Advisor for three University Scholars Students at UT – Martin, 1990-1993

Graduate Student Committees – University of Tennessee

Directed four Ph.D. and ten M.S. students from July 1993 to August 2002.

PhD Students:

- Dr. Warren Devine, graduated 2001. Research Scientist with the US Forest Service
- Dr. Rebecca Gilfillen, graduated 1998. Professor in the Department of Agriculture at Western Kentucky University
- Dr. Michael Kirchner, Graduated 1999. Teaching Biology in Private High School in Santa Clara, CA
- Dr. Sam Marshall, 1999. Auburn University, co-chair. Tennessee Department of Agriculture

Served on a total of five Ph.D. and 23 M.S. committees from 1993 to 2003. Students represented five departments in the College of Agricultural Sciences and Natural Resources and the Department of Ecology at UT-Knoxville and the Agronomy and Soils Department at Auburn University.

Service to the Profession

American Society of Agronomy

- Board of Directors representing the Resident Education division, 1998-2001
- Program Chair, Resident Education, American Society of Agronomy, 1999
- Agronomic Education Award Selection Committee, 1999-2002
- National Membership Committee, 1997-2000
- Student Manuscript Contest Committee, ASA 1997-1999

Association of Public and Land-grant Universities (Formerly National Association of State Universities and Land Grant Colleges - NASULGC)

- Executive Committee for the Council on Student Affairs, November 2015-November 2018
- Southern Region representative to the Academic Committee on Organization and Programs (ACOP) for the Academic Programs Section, 2004 - 2006
- Chair, Southern Academic Programs Section, 2005 – 2006
- Chair-elect, Southern Academic Programs Section, 2004 – 2005
- CREATE-21 (Creating Research, Extension and Teaching Excellence for the 21st Century) Representative for ACOP, November 2005 – 2008
- USDA Teaching Excellence Awards Selection Committee, 2005

Atlantic Coast Conference

- Academic Leaders Network Planning Committee, September 2017 – August 2019
- Academic Consortium Representative, 2012 – 2019
- ACCelerate Creativity and Innovation Festival at Smithsonian Museum of American History Planning committee, April 2017 – April 2018
- Vice Presidents of Student Affairs meetings, August 2012 – August 2019

Reinvention Collaborative

- President and Chair of the Board, Reinvention Collaborative, October 2016 – October 2017
- Board of Directors, January 2013 – June 2019
- Search Committee for Executive Director, 2018
- Chair, National Conference Planning Committee, January 2013 – December 2013

North American Colleges and Teachers of Agriculture

- President Elect, President, Past-President, June 2008 to June 2011
- Eastern Region Director, 2004-2007
- Eastern Region Director-elect, 2003
- Manuscript Review Board, 2001-2010
- Journal Award Committee, 1999-2004
- Teaching Innovations Committee, 2000-2009

Soil Science Society of America

- Chair, Council of Soil Science Examiners, 2005 - 2008
- Vice-Chair, Council of Soil Science Examiners, 2003 - 2005
- Council of Soil Science Examiners, 1996-2008
- Committee S584, Soil Science Visibility and Identity Committee, 1999-2003
- Committee S579, Proficiencies for Soil Science Graduates, 1994-96

Southern Branch of the American Society of Agronomy

- Past-President, 2004 – 2005
- President, 2002 – 2004
- Vice-President, 2001
- Program Chair, 2000
- Secretary-Treasurer, 1999

Program Reviews

- Department of Agronomy, Kansas State University, March 10-14, 2008
- Department of Agronomy and Soils, Auburn University, February 9-11, 2009
- Institute for Agriculture and Natural Resources, University of Nebraska, March 24-27, 2009

Editorial Activities

- Manuscript Review Board, NACTA Journal, North American Colleges and Teachers of Agriculture, 2001 to 2010
- Special Associate Editor for Journal of Environmental Quality, 2003
- Associate Editor for Journal of Natural Resources and Life Science Education, 1996-1999
- Associate Editor for Agronomy Journal, 1998 - 1999
- USDA-National Research Initiative Watershed Processes Grant Review Panel Member, May 2000
- Invited Reviewer for Agronomy Journal, Environmental Science and Technology, Journal of Environmental Quality, Journal of Natural Resources and Life Science Education, NACTA Journal, Soil Science Society of America Journal, Soil Science
- Grant Reviewer for: USDA-National Research Initiative Competitive Grants Program, USDA-CSRS Special Grants Program in Water Quality; USDA-Sustainable Agriculture Research and Education Grant Program

University Service

NC State University

Departmental Committees 2020 to Present

- Chair, Soil Science Graduate Programs Committee, January 2020 - present
- Co-chair, Crop and Soil Sciences Graduate Curriculum Committee

- Academic Programs Committee, January 2020 – present
- Department Advisory Committee, 2020 – present
- Peer Review of Teaching Committee, January 2020 – present
- Chair, Soil Science Graduate Programs Committee, January 2020 - present

College of Agriculture and Life Sciences

- CALS Teaching and Advising Committee, 2019 – present
- Oaks Scholars Steering Committee, March 2020 – present
- CALS Distance Education Coordinators, Jan 2020 – present

University Committees, 2019 – present

- Graduating the Successful Student Task Force for new NC State Strategic Plan, January 2020 – July 2020

University Committees and Activities Vice Chancellor and Dean, 2012-2019:

- Chancellor's Executive Cabinet, August 2012 – August 2019
- Provost's Deans Council, August 2012 – August 2019
- University Council, August 2012 – August 2019
- Chair, Sr. Vice Provost for University Libraries Search Committee, May – August 2018
- Chair, Vice Chancellor for University Advancement Search Committee, September 2013 – February 2014
- Chair, Capital Campaign Planning Task Force, February – June 2013
- Chair, College of Sciences Student Support Implementation Task Force, August 2012 – March 2013
- Chair, Educational and Technology Fee Committee, May 2013 – August 2019
- Chair, Provost's Athletics Roundtable, August 2012 – July 2019
- Chair, Recruitment, Admission, Retention and Graduation of Underrepresented Minority Students Task Force, October 2016 – December 2018
- Co-Chair, Environmental Science First Year Implementation Committee, November 2016 – July 2016
- Co-Chair, Living and Learning Community 10 Year Review Task Force, Oct. 2012 – May 2013
- Co-Chair, Packapalooza Planning Committee, January 2013 – August 2019
- Co-chair (with Student Senate President), Student Fee Review Committee, August 2012 – August 2019
- Academic Program Review team – all UG program reviews, August 2012 – August 2019
- Academic Success Center Building Committee, April 2017 – August 2019
- APLU Powered by Publics Campus Committee, November 2018 – August 2019
- Chancellor's Student Liaison Meetings, convener, August 2012 – August 2019
- College of Sciences Formation Steering Committee, August 2012 – June 2013
- Emergency Management and Mission Continuity Steering Committee, August 2014 – August 2019
- Instructional Continuity Task Force, November 2016 – August 2019
- SACS Reaffirmation Leadership Team, August 2012 – August 2019
- Tuition Review Advisory Committee, August 2012 – August 2019
- University Committee on Committees, August 2012 – August 2019

University of North Carolina System

- General Education Council, March 2013 – May 2015
- Campus Security Initiative, October 2013 – May 2014

University of Kentucky

University Committees and Activities as Associate Provost:

- Dean and Directors Development Advisory Committee, December 2010 – July 2012
- Gaines Center for the Humanities Board of Directors, August 2009 – July 2012
- Housing Committee, August 2009 – July 2012
- Co-Chair, Office of Diversity Task Force on Academic Support and Enrichment, December 2010 – July 2012
- Chair, Provost's Retention Working Group, August 2009 – July 2012
- Chair, SACS Reaffirmation Academic Affairs Reporting Team, September 2010 – July 2012
- SACS Reaffirmation University Leadership Team, September 2010 – July 2012
- Senate Academic Advising Committee, August 2009 – July 2012
- Senate Academic Approvals Working Group, Fall 2008 – July 2012
- Teaching Assistant Orientation Presenter, August 2009, 2010.
- UK Athletics Academic Integrity Committee, August 2009 to July 2012.
- Co-Chair, UK Common Reading Selection Committee, August 2009 – July 2012
- UK Institutional Effectiveness Committee, May 2008 – July 2012.
- UK IT Academic Computing Committee, December 2010 – July 2012.
- Chair, Undergraduate Council, August 2009 – July 2012
- Chair, Undergraduate Success Working Group, August 2009 – July 2012

University Committees and Activities prior to October 2009:

- Academic Enhancement Center Program Review Committee Chair – June – September, 2007
- *Ad Hoc* Committee on University Writing Requirements, 2004 – 2005
- Central Advising Service and Transfer Center Director Search Committee, Dec. 2007 to May 2009 (two searches).
- Chellgren Endowed Chair Search Committee, Spring 2005
- College of Health Sciences Academic Affairs Review Committee, September 2008 to May 2009.
- Stuckert Career Center Director Search Committee, Fall 2008.
- Teaching and Academic Support Center Advisory Board member, September 2005 to Fall 2009.
- Tracy Farmer Center for the Environment Steering Committee, September 2002 – July 2004
- Undergraduate Council, 2003 – 2004
- Undergraduate Education Internal Review Committee, September - November 2008.
- University Honors Program Committee, 2004 - 2005

College of Agriculture Activities and Committees:

- Chair of College Undergraduate Curriculum Committee, 2004 – May 2009
- Co-Chair of College Graduate Curriculum Committee, 2004 – May 2009
- Director of Undergraduate Studies for NRCM program, Spring 2004
- Equine Initiative committee, 2005 – 2009
- Equine Initiative Education Subcommittee Chair, 2005 - 2009
- Food Systems Innovation Center coordinating committee, 2005 - 2008
- Natural Resources Conservation and Management BS Degree Steering Committee, 2002 – 2004
- World Equestrian Games Youth Festival Committee Fall 2008 to September 2010.

Department of Agronomy Committees:

- Graduate Seminar Committee - Chair, 2003-2004
- Soil Science Curriculum Committee, Sept 2002 – May 2004

University of Tennessee, Knoxville

University Activities and Committees:

- Advising Committee, 1999 – 2001
- Advisory committee for Course Management System Acquisition, Fall 1998.
- Center for Undergraduate Excellence, 1997-2002. Served as resource person for teaching activities across campus.
- College of Arts and Sciences Environmental Studies Advisory Board, 1998 - 2002
- Faculty Counselor to President Johnson, 1996 - 1998
- General Education Reform Committee, 1997- 1998
- Graduate Teaching Seminars - presented sessions on lab teaching in 1996, 1997. Panelist for discussion of teaching excellence, 1998. Invited speaker on use of Information Technology in the classroom, 1999-2001.
- Natural Sciences Curriculum Committee, 1997 - 2002
- Teaching and Learning with Technology Roundtable, 1999 - 2002 - *CHAIR 2001-02*. Campus-wide group of faculty, staff and administrators examining information technology in the classroom and serving to recommend “Good Practices” in teaching with technology.
- Undergraduate Council, 1999 - 2002

Institute of Agriculture Committees:

- UTIA Administrative Council, 1999 - 2000
- UTIA Information Technology Task Force, 1998 - 2001

College of Agricultural Sciences and Natural Resources Committees:

- CASNR Information Technology Task Force, 1999 - 2000
- CASNR Undergraduate Council, 1998 - 2001
- College World Wide Web Committee, 1997 - 1998
- Committee to develop new course for Environmental Studies BA in College of Arts and Sciences, 1994
- Student/Faculty Development Committee, 1998 - 1999
- Systems Improvement Committee for Recruiting, 1993-94

Agricultural Experiment Station Committees:

- Task Force on the Martin Agricultural Experiment Station Renovation, 1993-96

Department of Biosystems Engineering and Environmental Science Committees:

- Environmental Science Curriculum Development Committee, 2001-02, Chair
- Environmental and Soil Science Student Activities Committee Chair, 2001 - 02

Department of Plant and Soil Science Committees:

- Academic Program Review Committee, Soil Science Section Chair
- Administrative Council, Sept. 2000 - June 2001
- Awards Committee, 1997 - 1999
- Chair, ESNR program sub-committee, 1993-96
- Chaired three search committees for Research Associate positions
- Computer Committee, 1991, 1993-2001 (Chair for 1994-97)
- Curriculum Committee, 1992-present, Chair, 1997 - 2001

- Equipment Committee, 1990-93
- Five search committees for faculty positions
- Graduate Seminar Committee, 1995 - 2001
- International Committee, 1990-2001
- Search committee: Plant and Soil Science Dep. Chair search, 1995
- Student Activities Committee Chair, 1993-96 and 1999 - 2001

University of Tennessee, Martin

University Committees:

- Administrative Committee on Committees, 1992-3
- Faculty Research and Development Committee, 1990-1992
- Library Committee, 1989-1993
- Task Force on Library Relocation, 1992-93
- Teaching Effectiveness Center Advisory Committee, 1990-92

School of Agriculture and Home Economics Committees:

- Co-Chair, Awards Banquet Committee, 1992-93
- Recruitment and Retention Committee, 1989-91 (Chair in 1991)

Department of Agriculture and Natural Resources Committees:

- Chair, Departmental Self-study: Support Evaluation Sub-committee
- Departmental Self-study: Academic Program Review Sub-committee
- Departmental Curriculum Committee

International Activities (alphabetical by country)

- **China and Thailand**, April 8-23, 2011. Site visit to universities in Beijing, Shanghai, and Chiang Mai, Thailand for possible linkages for UK Study Abroad.
- **Ecuador**, June 30 to July 16, 1991. Visited with farmers and educators in Ecuador to explore the potential for establishing linkages for both educational and research purposes. Conducted informational presentations with other professors concerning agricultural problems.
- **France**, May 2004. Accompanied five University of Kentucky students on trip to France to study agriculture of the Burgundy Region.
- **France**, May 2005. Accompanied eight University of Kentucky students on trip to France to study agriculture of the Burgundy Region.
- **Guatemala**, June 9 to June 19, 1990. Observational tour to become familiar with Guatemalan agricultural practices and problems. Visited farms, agri-businesses, and the Agricultural Science Faculty at Rafael Landivar University.
- **Guatemala**, June 3 to June 18, 1994. Travel to the Peten region of Guatemala to collect soil samples for research project. Characterization and evaluation of soil resources in the Peten.
- **Guatemala**, June 1 to June 15, 1995. Travel to the Peten region of Guatemala to collect soil samples for research project. Final evaluation of landscapes and geomorphology for project started in June 1994.
- **Mexico**, August 9-19, 2001. Accompanied 12 University of Tennessee students on a tour of agriculture, food processing and marketing in central Mexico as part of an exchange program with Monterrey Institute of Technology, Querétaro, Mexico.

- **Thailand**, October 13 to November 4, 1994. Visited Thailand as guest of Kasetsart University in Bangkok with six other professors from UT Institute of Agriculture. Tour of agriculture and natural resources in the northeast and north of Thailand.
- **Thailand**, June 1 to June 29, 2000. Accompanied two other faculty and 10 students from the University of Tennessee College of Agricultural Sciences and Natural Resources on a 28-day study tour of agriculture, natural resources, and culture of Thailand.
- **Thailand**, December 2005. Official visit to Maejo University in Chiang Mai to discuss opportunities for student and faculty activities.
- **Thailand**, January 2008. Site visit to Maejo University in Chiang Mai to plan student study trip for May 2008.
- **Thailand**, May 2008. Accompanied 14 students, along with another faculty member, on an 18-day study tour of Thailand agriculture, culture, and natural resources.

Board Service

- Reinvention Collaborative Board, January 2013 – June 2019
- Hillsborough Street Community Service Corporation Board, Raleigh, NC, August 2014 – August 2019
- Purdue Natural Resources and Environmental Science Advisory Board, June 2012 – December 2016
- Gaines Center for the Humanities Board, University of Kentucky, August 2009 to July 2012.