

**DANIEL A. WUBAH  
CURRICULUM VITAE**

**PERSONAL DATA****Office address:**

Office of the President  
Washington and Lee University  
204 W. Washington Street  
Lexington, VA 24450

**EDUCATION**

December 1990	Ph.D.	University of Georgia, Athens, GA Botany and Microbiology
January 1988	M.S.	University of Akron, Akron, OH Biology
September 1984	B. Sc. (Hons.) & Dip. Ed	University of Cape Coast, Ghana Botany

**ADMINISTRATIVE EXPERIENCE**

**Senior Advisor to the President, February 2016 – present  
Washington and Lee University,**

- Assisted the former president with the transition to a new president who started in January 2017.

**Provost July 2013 – January 2016**

**Washington and Lee University**

Served as the chief academic officer with oversight of two undergraduate colleges and the Law School.

***Representative sample of accomplishments***

- Implemented a bridge plan to address enrollment pressures by filling positions that need immediate attention and tagging them to future retirements
- Established five endowed professorships and four term professorships
- Assisted with the successful conclusion of a \$500 million capital campaign
- Increased support for students doing summer undergraduate research by 35%
- Developed a transitional plan to sustain a financially stable Law School
- Restructured the Information Technology Services office
- Initiated digitization of promotion and tenure process
- Oversaw the establishment of Roger Mudd Center for Ethics
- Led the submission of Fifth Year Interim Report to SACS-COC
- Architect of Lenfest Symposium to showcase faculty summer research
- Made presentations to alumni groups across the country
- Supported a year-long symposium entitled ‘Questioning Passion’
- Oversaw the design and construction of the Center for Global Learning
- Supported addition of new programs including Arabic Literature

## **Deputy Provost & Vice President and Dean for Undergraduate Education Virginia Tech, February 2009- June 2013**

Virginia Tech is a public doctoral/research extensive land-grant university with about 32,000 students approximately 3100 instructional and research faculty, about 3700 staff and an annual budget of \$1.23 billion. My office was responsible for a budget of approximately \$426 million annually. There were 178 full time faculty and staff members and 98 part-time employees in my division. The fifteen units that I oversaw were grouped into the **Office of Academic Support Services** (Center for Academic Enrichment & Excellence, Multicultural Academic Opportunities Programs, University Studies, University Academic Advising Center and Student Athlete Academic Support Services), **the Office of Enrollment Management** (Undergraduate Admissions, University Registrar and University Scholarships & Financial Aid), the **Office of Distance Learning & Summer Sessions** (Institute for Distance and Distributed Learning, University Summer Sessions), and **the Office of Undergraduate Affairs** (University Honors Program, Academic Assessment, Center for Instructional Development and Educational Research, Office of Undergraduate Research, Office of First Year Experiences).

### **Representative sample of accomplishments**

#### **Curriculum enhancements**

- Oversaw the development of the first baccalaureate program in meteorology in the Commonwealth of Virginia
- Led the establishment of an interdisciplinary program in real estate involving six colleges and five other new degree programs
- Established the annual Undergraduate Research and Creative Scholarship Conference

#### **Academic support initiatives**

- Led the creation of an electronic course planner (Pathway Planner) that enabled students to develop a two- or four-year plan during their first year
- Oversaw the development of *HokieCAPS*, an electronic degree and course system that allows faculty to track the approval and revision of existing or new degrees and courses online
- Established the Office of Academic Advising and Office of Health Professions Advising to coordinate academic and career advising for students

#### **Resource development/Fundraising**

- Led the effort to raise \$10 million towards establishing an endowment for the School of Real Estate
- Obtained \$1.4 million to develop of an interdisciplinary program (Scieneering Program) for science and engineering students; this was the first Howard Hughes Medical Institutes research training grant awarded to Virginia Tech

#### **Strategic Planning**

- Led the development and implementation of a vision plan for undergraduate education
- Created the Institutional Plan for Undergraduate Degrees to streamline the process for developing new undergraduate degrees and programs
- In collaboration with the Chief Information Officer, facilitated a task force to develop a blueprint on instructional technology for Virginia Tech for the next decade.

#### **Physical and facility planning**

- Led the planning and design of an instructional building (75,000 sq. ft.)

- Oversaw the construction of the Office of Undergraduate Admission and Visitor Center (35,000 sq. ft.), which opened in July 2011
- Supported the development of *VTEye*, a system for real time monitoring of the status and usage of audio-visual systems in all instructional spaces

#### **Enrollment management**

- Established the Office of Enrollment and Degree Management
- Developed new policies for the usage of endowed scholarships to ensure proper disbursement in accordance with donors' expectations

#### **Personnel to support academic programs**

- Created the Office of Undergraduate Research and hired the founding director

#### **Faculty and staff support**

- Reviewed faculty promotion and tenure dossiers and made recommendations to the provost
- Developed a Staff Recognition Program for the division

#### **Promoting diversity**

- Developed new programs through the Multicultural Academic Opportunities Program (MAOP) to increase the number of minority undergraduate students who enter graduate and professional programs
- Mentored several faculty and staff from underrepresented groups as the most senior minority academic administrator

#### **Instructional technology and pedagogy**

- Supported an annual conference on higher education pedagogy that grew by 300% in attendance in 3 years
- Led the creation of an online journal on *e-Portfolios* (International Journal of e-Portfolios)
- Converted paper-based evaluation of faculty by students to an electronic platform

#### **K-12 Outreach**

- Served as institutional representative to the Virginia Science, Technology, Engineering and Applies Mathematics (VA-STEAM) Academy, which is a public residential high school
- Partnered with the School of Education to support the FIRST Robotics program which is a collaboration between Montgomery Public Schools and Virginia Tech
- Developed a high school science competition for students at Thomas Jefferson High School, Fairfax, VA and the Governor's Academy, Roanoke, to develop a visualization program that will improve our understanding of the structure and process of complex biological and physical systems. Virginia Tech faculty members served as mentors for the student teams

#### **International programs**

- Served as program director for the international Research Experience for Undergraduates (REU) Site program funded by the National Science Foundation (NSF) in Ghana
- In collaboration with the Vice President for International Programs, we developed the Presidential Global Scholars (PGS) program that enabled Honors Program students to spend a semester at Virginia Tech's Center for European Studies and Architecture at Riva San Vitale, Switzerland.

**Statewide activities**

- Collaborated with the Vice President for Finance and Chief Financial Officer to acquire funds for a classroom building from the Virginia state legislature
- Served on the State Council of Higher Education in Virginia (SCHEV) Instructional Programs Advisory Council (IPAC), which is made up of provosts from the 16 public universities
- Member of state's final selection team of the SCHEV Outstanding Faculty Awards program

**Institutional accreditation and assessment**

- Led the successful reaffirmation of accreditation of Virginia Tech by SACS-COC
- Established the Office of First Year Experiences to manage the implementation of the Quality Enhance Plan as part of the accreditation process
- Oversaw the Academic Quality and Improvement (AQI) as well as the Administrative Quality and Improvement (AdQI) programs to support and facilitate faculty and staff-driven assessment of indicators of academic program quality and administrative practices

**Associate Provost for Undergraduate Academic Affairs. July 2007- February 2009**  
**University of Florida**

***Representative sample of accomplishments***

- Developed a Strategic Plan for Undergraduate Education
- Coordinated the University of Florida's degree tracking system
- Served as Academic Affairs liaison to the Faculty Senate and two joint committees namely the University Curriculum Committee and the General Education Committee
- Provided administrative oversight of the UF Honors Program, academic support programs, and Reserve Officers Training Corps

**Special Assistant to President, March 2004 - June 2007**  
**James Madison University**

***Representative sample of accomplishments***

- Established Centennial Scholars Program to recruit and retain minority and/or first generation students
- Supervised the Office of Admissions, Financial Aid Office and Affirmative Action Office as well as the Director of Academic Recruitment and Retention, Director of Student Retention and Classified Staff Recruitment Specialist
- Developed two campus-wide award programs (IDEA and DEAP) to recognize contributions towards diversifying JMU at all levels
- Created a quarterly newsletter (Prima Lux) to promote diversity
- Developed outreach programs to underserved communities in the Shenandoah Valley with emphasis on Harrisonburg city and Rockingham County
- Represented the JMU President on regional committees, boards and at functions

**Special Assistant to President for Diversity, September 2003- February 2004**

- Chaired Presidential Commission on Diversity made up of 65 members
- Led three campus-wide subcommittees: (i) Recruitment, enrollment, and retention of students (ii) Classified staff and (iii) Faculty

**Associate Dean, College of Science and Mathematics, July 2000- February 2004**

- Made a presentation to the U.S. House of Representatives Committee on Science on “Meeting the demands of the knowledge-based economy: strengthening undergraduate science, mathematics and engineering education”.
- Actively collaborated with other colleges in program design and assessment, particularly in mathematics, sciences and technology, teacher preparation and general education
- Developed a mentoring program for minorities and established institutional partnerships with Howard University, Virginia Union University (NSF Louise Stokes Alliance for Minority Participation) and community colleges in Virginia.

**Pre-Med Coordinator, July 2001- June 2004**

- Revised advising system for pre-med students
- Established a database for pre-med advising
- Served on committee that coordinated pre-health advising

**Chairperson, Department of Biological Sciences, July 1998- June 2000  
Towson (State) University*****Representative sample of accomplishments***

- Developed and implemented a new mission statement for the department
- Led the development of a new program in Molecular Biology, Biochemistry and Bioinformatics in collaboration with the Chemistry and Computer Science departments
- Developed an onsite Microbiology course at the headquarters of Becton Dickinson Biosciences and taught several sections of microbiology at the corporate campus
- Served as the principal investigator and program director of the first NSF-funded REU program at Towson University
- Led the revision of the departmental tenure and promotion documents to reflect the evolving efforts of faculty members

**PROGRAM DIRECTOR FOR RESEARCH TRAINING PROGRAMS****International Research Experiences for Undergraduates Site Program in Ghana (March 2002 - present):**

This program was the first NSF REU Site program established in West Africa and the second in Sub-Saharan Africa. Begun at JMU, the program is currently the longest continuously running REU program in Africa. So far, 96 students have participated in this program.

**Bridges to the Baccalaureate at JMU (July 2002 - August 2006):** The National Institutes for General Medical Sciences (NIGMS) funded this program that supported research experiences at JMU for 36 under-represented students from the Blue Ridge Community College (BRCC), Northern Virginia Community College (NVCC) and Jay Sergeant Reynolds Community College. About 50% of the students transferred to JMU and 92% of them graduated within three years.

**Undergraduate Mentoring in Environmental Biology at JMU (September 2001- August 2006):** This NSF-funded program provided year-round mentoring by JMU faculty members for under-represented students enrolled at JMU, BRCC and NVCC. The program provided stipends and tutorials for the students.

**Research Experiences for Undergraduates Sites Program at Towson (State) University (June 1998 - July 2000):** This program was the first REU program at Towson University. It supported 48 students over three years in summer undergraduate research.

#### **LEADERSHIP AND MANAGEMENT TRAINING**

- Council of Independent Colleges Colloquium on leadership for chief academic officers: classic and contemporary readings. Annapolis, Md. July 2014.
- Leading for organizational impact: Looking Glass Experience. Center for Creative Leadership, Greensboro, NC. February 2011
- SRI International Leadership Program. James Madison University. May 2007
- Millennium Leadership Program Class of 2005, American Association of State Colleges and Universities. Washington, DC. June 2005
- Towson University Chairs and Deans Leadership Program. Towson, MD. September 1998.
- Project Kaleidoscope New Chairs Workshop, College of Charleston, Charleston, SC. March 1998
- Towson University Faculty Leadership Program, Towson, MD. September 1996 – June 1997.

#### **FACULTY APPOINTMENTS**

- Washington and Lee University, Professor, Biology Department (2013- present)
- Virginia Tech, Professor of Biological Sciences (2009-2013)
- University of Florida, Professor of Zoology (2007-2009)
- James Madison University, Assoc. Professor (2000-2002); Professor (2002-2007)
- Towson (State) University, Assistant Professor (1992-1997); Assoc. Professor (1997-2000)

#### **AWARDS AND RECOGNITIONS**

##### **Honor societies**

- Elected Fellow, American Association for the Advancement of Science. November 2014
- Elected Life member, Beta Beta Beta, Honor Society for Biology. March 2014
- Member, Phi Beta Delta, Honor Society for International Education. October 2009.
- Member, Beta Gamma Sigma, Honor Society for Business Students. November 2007
- Member, Sigma Xi. July 1993

##### **Awards**

- Martin Luther King Community Service Award, Alpha Phi Alpha. JMU Chapter. January 2004
- Diversity Scholar Award, American Institute of Biological Sciences. March 2001.
- Industrial and Academic Partnership Board Outstanding Faculty of the Year, Towson University College of Natural Science and Mathematics (highest award given to a faculty at the college level). September 1997.

#### **GRANTS RECEIVED (PI except one with asterisk) (SINCE 2005; Career total = approx. \$19 million)**

- DH Studio: A digital humanities pedagogical innovation. Mellon Foundation. \$800,000. June 2015 – June 2019.
- Christian A. Johnson Endeavor Foundation Global Fellows and International Students Collaboration Program. Christian A. Johnson Endeavor Foundation. \$219,000. May 2014 – May 2017.
- A self-assessment of evidence-based instructional practices and outcomes in STEM-related core

courses for STEM and non-STEM majors. National Science Foundation. \$295,712. October 2012-September 2014. (Co-Is: Walter Campbell, Ray Van Dyke, Peter Doolittle and Stephanie Adams) (Award EHR-1256529)

- \*Virginia Tech Initiative for maximizing student development. National Institutes of General Medical Sciences. \$2,931,593. June 2012- June 2017 (Award # R25 GM072767-05A1) (PI: E. Smith; Co-Is: D. A. Wubah; D. R. Bevans and K. DePauw)
- REU: Studies in ecology, environmental science and conservation biology in Ghana. NSF Research Experiences for Undergraduates (REU) Site Program. \$373,800. May 2011- April 2016. (Co-I: J. A. Wubah) (Award DBI-1061500)
- Scieneering: Learning, discovery and engagement at the intersection of science, engineering and law. Howard Hughes Medical Institute. \$1,400,000. May 2010-April 2014. (Co-Is: J. Sible, B. Watford, E. Dolan and R. Jones) (Award 520006960).
- Minority Travel Awards grant for the American Society for Microbiology. NIH National Institute of Allergy and Infectious Diseases. \$250,000. May 2006–June 2011 (Award 1R13AI066859-01).

## PUBLICATIONS

### Representative sample of peer reviewed articles (Total = 32)

- Matthiasson, M. Kwapong, P. and Wubah, D. A. and Wubah, J. A. 2015. Early colony development of an equatorial Afrotropical stingless bee (*Hypotrigona* sp.) in a new habitat. *JYI*. 29: 11-17 (<http://www.jyi.org/issue/stinglessbees/> )
- Levy, E. S., Asare, N., Yankson, K. and Wubah, D. A. 2015. Effects of hydrographic conditions of ponds on juvenile fish assemblages in the Kakum mangrove system, Ghana. *Regional Studies in Marine Science* 2: 19-27. (<http://dx.doi.org/10.1016/j.rsma.2015.08.007> )
- Opoku-Boahen, Y., Clemente, R. and Wubah D. A. 2014. Investigation of *Cucumeropsis mannii* N. seed oil as potential biodiesel feedstock. *Int. J. Biol, Chem. Sci.* 7:1767-1776.
- Keeling, M., Blay, J. and Wubah, D. A. 2013. Preliminary assessment of the growth of two West African bloody cockle (*Anadara senilis*) populations in Ghana. *Ghana J. Sci.* 53: 53-58.
- Opoku-Boahen, Y., Novick, B. D. and Wubah, D. 2013. Physicochemical characterization of traditional Ghanaian cooking oils derived from seeds of Egusi (*Citrullus colocynthis*) and Werewere (*Cucumeropsis manni*). *Int. J. Biol. Chem. Sci.* 7: 387-395
- Cockburn, C. Kwapong, P., Wubah, J. A., and Wubah, D. A. 2013. Shelf life and variances in antimicrobial properties of honey from *Melinopula bocandei* and *Melinopula ferruginae* from the central region in Ghana. *JYI* 25: 10-14. (<http://www.jyi.org/issue/shelf-life-and-variances-in-antimicrobial-properties-of-honey-from-meliponula-bocandei-and-meliponula-ferruginea-in-central-ghana/>)
- Sims, C. A., Kudom, A. A., Mensah, B. A., Wubah, D. A. and Wubah, J. A. 2012. Permethrin and dichlorodiphenyltrichloroethane (DDT)-resistant *Anopheles gambiae* and *Culex quinquefasciatus*

in southern Ghana. *JYI* 24: 77- 80 (<http://www.jyi.org/issue/permethrin-and-dichlorodiphenyltrichloroethane-ddt-resistant-anopheles-gambia-and-culex-quinquefasciatus-in-southern-ghana/>)

### **Representative sample of book chapters and reviewed conference proceedings. (Total = 17)**

- Iwueze, A., Wubah, J. A. and Wubah, D. A., 2005. Generation of a deoxyguanosine kinase3-GFP expression plasmid. Proceedings of the 19<sup>th</sup> National Conference on Undergraduate Research. Washington and Lee University and Virginia Military Institute, Lexington, VA.
- Wubah, D. A. Collection and isolation protocols of fungi associated with animals: anaerobic zoosporic fungi. In Mueller, G. M., G. F. Bills, and M. S. Foster. 2004. Biodiversity of Fungi: Inventory and Monitoring Methods. Elsevier Academic Press. 800 pp.
- Provost, K., Mensah, B. A. and Wubah, D. A. 2003. A study of the overlap of butterfly species between Kakum National forest and the surrounding cultivated areas in Cape Coast. Proceedings of the 17<sup>th</sup> National Conference on Undergraduate Research. University of Utah, Salt Lake City

### **Selected books and technical reports**

- Brewer C., Smith D. et al. 2011. Vision and change in undergraduate biology education: a call to action. AAAS. Washington DC.
- Steger, C. W. and Wubah, D. A. 2010. Pathways to success: quality enhancement plan. Virginia Tech.
- Hagenstein, P. A. et al. The scientific basis for estimating air emission from animal feeding operations. National Academy Press. October 2002. (ISBN: 978-0-309-084611)
- Wubah, D. A. 1995. Tutorial aids for Medical Microbiology. Kendall-Hunt Publishers. Dubuque, IA. (ISBN 0787214183)

### **PRESENTATIONS (Sample since 2010; Total = 95)**

- Wubah, A., Ampomah, P., Wubah, J.A. and D. A. Wubah. An examination of humoral antibody reaction levels to *Plasmodium falciparum* in Central Region, Ghana. Council on Undergraduate Research Symposium. Washington, DC. November 2015.
- Wubah, D.A. Establishing a sustainable international research experiences for undergraduates program in Africa. Ghana Biomedical Convention. Accra, Ghana. July 2015.
- Abebrese, E., Kwabong, P. Wubah, J. A. and Wubah, D. A. *In vitro* assessment of stingless bee hive products' microbial properties in Ghana. Emerging Researchers National Conference in STEM. Washington DC. February 2015.
- Miller, J., Sarfo, K., Wubah, J. A. and Wubah, D. A. Effect of germination power on peroxidase activity and concentration in Obatampa maize. Emerging Researchers National Conference in STEM. Washington DC. February 2015.
- Perkins, M., Wuinee, D. and Wubah D. A. Financial aid leveraging: integrated research can increase enrollment and net revenue. Council of Independent Colleges CAO/CFO Conference.



Portland, OR. November 2014

- Wubah, D. A. Effective administrative leadership in inspiring departments to continuously strive for excellence: lessons learned on my journey. Southeast Regional PULSE Institute. University of Richmond. June 2014.
- Ogle, T. and Wubah, D. A. *Hokie* CAPS: Tracking and reporting the curriculum approval process. Southern Association of Colleges and Schools Commission on Colleges (SACS-COC) Annual meeting. Orlando, FL. December 2011.
- Bataille, G., Wubah D. A. and Cornick, T. Building back better: the role of US higher education in rebuilding Chilean and Haitian higher education. Washington DC. March 2011.
- Webster, M., Bender, C. and Wubah, D. A. Engaging students in international undergraduate research. AAC&U. Annual meeting. San Francisco, CA. January 2011.
- Wubah, D. A. An immersive summer undergraduate research program in Ghana focusing on ecology, ethnobotany and environmental biology. Conference on “Science environments in Africa”. University of Michigan, Ann Arbor, MI. May 2010.

#### **SELECTED SPEECHES**

- Keynote speaker, National Science Foundation Undergraduate Mentoring in Environmental Biology Principal Investigators Workshop, Arlington, VA. October 2008.
- Keynote speaker. 77<sup>th</sup> Speech and Prize Giving Day, Accra Academy, Accra, Ghana. July 2008 (Distinguished alumni are given this honor).
- Keynote speaker, ‘Sustainability and the common good’. EPA People, prosperity and planet Conference, National Academy of Sciences. Washington D.C. April 2008.
- Keynote speaker, James Madison University, College of Science Commencement, Harrisonburg, VA. May 2007.
- Panelist, US House of Representatives Committee on Science Hearing. “Meeting the Demands of the Knowledge Based Economy: Strengthening Undergraduate Science, Mathematics and Engineering Education in the 21<sup>st</sup> century”. 2325 Rayburn House Office Building. Washington DC. March 7, 2002.

#### **PROFESSIONAL COMMITTEES AND BOARD SERVICE**

- Cohort co-leader and mentor, AAC&U Summer Leadership Institute. July 2016
- Member, American Bar Association Site Review Team. November 2014- present
- Member, Board of Directors, Edward Via College of Osteopathic Medicine. October 2012 - present
- Elected Member, Board of Trustees, Southern Association of Colleges and Schools Commission on Colleges. December 2010-present (re-elected in December 2013 for a second 3-year term).
- Member, Advisory Committee, National Science Foundation, Office of International Science and Engineering, October 2006 – September 2011.

- Member, Advisory Committee, National Science Foundation, Biology Directorate, October 2006 – March 2011.
- Member, National Science Foundation Advisory Committee for GPRA Performance Assessment, March 2009 – January 2010
- Member, Board of Directors, Project Kaleidoscope. October 2007 – May 2010
- Member, Board of Governors, National Aquarium Institute, Baltimore. July 2000-June 2014
- Member, Board of Trustees, Martin Luther King Jr. Center Living History and Public Policy, Richmond, VA. August 2004 - July 2007.
- Chair, Sigma Xi Committee on Diversity. May 2003 - May 2005.
- Member, National Research Council Subcommittee on Air emissions from animal feeding operations. April 2001- April 2002.
- Member, Mycology Advisory Board, American Type Culture Collection. June 1996-May 2005.

#### **PROFESSIONAL SOCIETY MEMBERSHIPS**

- American Council on Education 2000 - present
- Association of American Colleges and Universities 2000 - present
- Council for Advancement and Support in Education. 2009 - present
- Sigma Xi, the Scientific Research Society. 1992 – present.
- American Society for Microbiology. 1990 – present.
- American Association for the Advancement of Science. 1990 – present.
- Mycological Society of America. 1987 – present.

#### **OTHER PROFESSIONAL ACTIVITIES**

##### **Selected invited presentations**

- Baraza, University of Florida Center for African Studies. December 2007.
- University of Florida Department of Zoology. September 2007.
- Distinguished Alumnus Seminar, University of Cape Coast, Ghana. July 2003
- Institute of Marine Biology, National Taiwan Ocean University, Keelung, Taiwan. May 2001.
- Department of Botany, University of Georgia, Athens, GA. January 2001.
- Department of Botany, Duke University, Durham, NC. February 1999
- Department of Botany, University of Toronto, Toronto, Canada. March 1997
- Department of Botany, Miami University, Oxford OH. November 1996.
- Center for Marine Biotechnology, Baltimore, MD. October 1995.
- Department of Geography and Environmental Engineering, Johns Hopkins University, Baltimore, MD. October 1993.

##### **Miscellaneous activities**

- Moderator, Reflections on the Impact of the Reconstruction Amendments: A Research Symposium on the Social and Economic Outcomes of the 13th, 14th, and 15th Amendments. National Archives, Washington DC. March 14-17, 2017.
- Member, Final Selection Committee, State Council for Higher Education in Virginia (SCHEV) Outstanding Faculty Award Program. October 2010 – present.
- AAAS Program reviewer. Delaware Biological Resources Infrastructure Networks (BRIN) program (February 2005 & 2007) and Oklahoma BRIN program (March 2003, April 2005, April 2009)
- Biology Programs reviewer at four colleges for West Virginia Higher Education Policy Commission. February 2003.
- Program reviewer, Biology Department, Salisbury State University. March 2001.

- Member, Committee of Visitors, NSF Population Biology and Systematics Cluster. March 2000.
- Program Director, US AID Biotechnology Program for South African Professors. May – June 1999
- Lists serve Administrator, Council on Undergraduate Research. April 1998 - March 2005
- Consulting mycologist. Maryland Poison Center. 1998 – 2000
- Member, Awards Committee, Mycological Society of America. 1994-1997 (Chair, 1997-1998)

#### **Journal reviewer**

- Member, Editorial Board, Journal of Natural Resources and Development. 2014- present
- Member, Editorial Board, Frontiers: The Interdisciplinary Journal of Study Abroad. 2002-present.
- Reviewer, Canadian Journal of Microbiology. 2000-2005.
- Associate Editor, Mycologia. 1998-2001.

#### **OTHER PROFESSIONAL ACTIVITIES**

##### **Ad Hoc reviewer**

- Teaching to increase diversity and equity in STEM. AAC&U Project Kaleidoscope. 2014
- US Civilian Research and Development Foundation. 2007

##### **National Science Foundation**

- Member, Research Collaboration Networks Panel – Undergraduate Biology Education, February 2016; March 2017.
- Member, Committee of Visitors. NSF Office of Integrative Activities. Review of Science and Technology Centers Program. May 2011
- Member, NSF Science and Technology Centers: Integrative Partnerships Blue Ribbon Panel. December 2009
- Member, Louise Stokes Alliance for Minority Participation Review Panel. December 2007
- Graduate Research Fellowship Program Review Panel. 2001- 2005
- Doctoral Dissertation Improvement Program Review Panel. 1997- 2004

##### **National Institutes of Health**

- National Institute for Minority Health Disparities (NIMHD) Special Emphasis Panels. December 2010 – October 2014 (Chair)
- National Center for Research Resources (NCRR) Research Centers for Minority Institutions (RCMI) Infrastructure for Clinical and Translational Research (RCTR) Special Emphasis Panel, March 2010. (Chair)
- NCRR Special Panel: Environmental Health Perspectives. November 2007 (Chair)
- National Institutes of General Medical Sciences (NIGMS) Minority Access to Research Careers (MARC) Study section. Member, 2001-2004; Chair, 2005-2007
- NCRR Biological Research Infrastructure Network (BRIN) Study Session. 2001-2006
- Small Business Innovative Research Panel. 1995-1996
- Natural Environment Research Council, United Kingdom. 1999-2002
- Panel Review Member, Board on Science and Technology in International Development, National Research Council. 1994.

#### **SERVICE ON INSTITUTIONAL COMMITTEES (REPRESENTATIVE SAMPLE)**

##### **Washington and Lee University**

- President's Cabinet

- Chair, Presidents' Advisory Committee
- Chair, Capital Projects Advisory Committee
- Employee Benefits Committee
- University Investments Committee

### **Virginia Tech**

- Center for Innovation in Learning Advisory Committee
- Executive Development Institute Advisory Committee
- President's Academic Council
- Threat Assessment Team
- Commission on Graduate Studies and Policy

### **University of Florida**

- Land Use and Facilities Planning Committee
- Advisory Board, Center for International Business Education and Research
- Chair, University Curriculum Committee
- University Committee on Teacher Education
- Graham Center for Public Policy Advisory Board

### **James Madison University**

- Chair, Institutional Biosafety Committee
- Chair, JMU Radiation Safety Committee
- Member, Steering Committee, Institute for Innovations in Health and Human Services
- Member, Southern Association of Colleges and Schools Accreditation Steering Committee
- Member, Committee for Administrative Review of JMU's Affirmative Action Office

### **Towson University**

- Member, Diversity Enhancement Task Force
- Secretary, Towson University Council of Chairs
- Member, University System of Maryland Task Force on Minority Recruitment and Retention
- Member, Towson University Graduate Program Reform Task Force
- Secretary (1994), Vice-President (1995) and President (1996), Towson State University Chapter of Sigma Xi.
- Member, Middle States Accreditation Steering Committee.

### **CIVIC AND COMMUNITY ACTIVITIES**

- Member, Board of Trustees, Stuart Hall School, Staunton, VA. April 2014- present
- Vestry member, R. E. Lee Episcopal Church, Lexington, VA. 2015
- Lay reader, R. E. Lee Episcopal Church, Lexington, VA. 2014
- Lay reader, Christ Episcopal Church, Blacksburg, VA. 2010-2013
- Vestry member, Emmanuel Episcopal Church, Harrisonburg, VA. 2004-2007
- Parent representative, Board of Trustees, Mercy High School, Baltimore, MD. 1998-1999
- Senior Warden, Sherwood Episcopal Church, Cockeysville, MD. 1998-2000
- Vestry member, Sherwood Episcopal Church, Cockeysville, MD. 1996-2000