

**DANIEL A. WUBAH  
CURRICULUM VITAE**

**EDUCATION**

December 1990	Ph.D.	University of Georgia, Athens, GA Botany and Microbiology
December 1987	M.S.	University of Akron, Akron, OH Biology
September 1984	B. Sc. (Hons.)	University of Cape Coast, Ghana Botany
September 1984	Dip. Ed.	University of Cape Coast, Ghana Science Education

**ADMINISTRATIVE EXPERIENCE**

**Washington and Lee University**

Provost, July 2013 - present

**Virginia Tech, February 2009- June 2013**

Deputy Provost & Vice President and Dean for Undergraduate Education

**University of Florida,**

Associate Provost for Undergraduate Academic Affairs July 2007- February 2009

**James Madison University**

Special Assistant to President, March 2004 - June 2007

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

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

Pre-Med Coordinator, July 2001- June 2004

**Towson (State) University**

Chairperson, Department of Biological Sciences, July 1998- June 2000

**PROGRAM DIRECTOR FOR RESEARCH TRAINING PROGRAMS**

NSF International Research Experiences for Undergraduates Site Program in Ghana (March 2002 - present)

NIH Bridges to the Baccalaureate at JMU (July 2002 - August 2006)

NSF Undergraduate Mentoring in Environmental Biology at JMU (September 2001- August 2006)

NSF Research Experiences for Undergraduates Sites Program at Towson (State) University (June 1998 - July 2000)

**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 – June 1999
- Project Kaleidoscope New Chairs Workshop, College of Charleston, Charleston, SC. March 1998
- Towson University Faculty Leadership Program, Towson, MD. September 1996 – June 1997.

### **Certification**

- Hazardous waste site operations and emergency response health and safety training. Institute of Industrial Sciences, Inc. June 1991.

### **FACULTY POSITIONS (COURSES TAUGHT)**

Washington and Lee University, Professor, Biology Department (2013- present)

Virginia Tech, Professor of Biological Sciences (2009-2013)

- Future Learning Environments (General Education course for undergraduates)

University of Florida, Professor of Zoology (2007-2009)

James Madison University, Assoc. Professor (2000-2002); Professor (2002-2007)

- General Science 103 (Undergraduate Honors section)
- Geology 398 (Geo-microbiology for juniors and seniors)

Towson (State) University, Assistant Professor (1992-1997); Assoc. Professor (1997-2000)

- Contemporary General Biology (Undergraduate)
- Introductory Cell Biology and Genetics (Undergraduate)
- Fundamentals of Microbiology (Undergraduate)
- Medical Microbiology (Graduate and undergraduate)
- Microbial Ecology (Graduate and undergraduate)
- Mycology (Graduate and undergraduate)

### **HONORS**

#### **Honor societies (elected)**

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

#### **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.
- Palfrey Award, University of Georgia, Spring, 1989.

### Listings

- Who's Who in the World, 1995
- Who's Who in America, 1995
- Who's Who in Science and Engineering, 1994

### GRANTS RECEIVED (PI except those with asterisks)

- DH Studio: A digital humanities pedagogical innovation. Mellon Foundation. October 2014. \$800,000 (Under review)
- 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).
- REU site in ecology, environmental science and conservation biology in Ghana. NSF REU Site Program. \$319,307. May 2008- May 2011. (Co-I: J. A. Wubah) (Award DBI-0755091).
- 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).
- International REU site in ecology, environmental science and conservation biology in Ghana. NSF REU Site Program. \$283,102. May 2005 - May 2008. (Co-Is: J. A. Wubah and R. Harris) (Award DBI-0452779).
- James Madison University-University of Cape Coast virtual mentoring program. Supplement to “US-Ghana Summer Undergraduate Research Experience for US

Students at University of Cape Coast: Biodiversity in the Tropics.” NSF Office of International Programs. \$4500. June 2002 -May 2003.

- Mideastern Alliance for Minority Participation. NSF Division of Undergraduate Education. \$162,660. James Madison University portion. May 2002- May 2007.
- \*Research experiences for undergraduates at James Madison University. NSF- Research Experience for Undergraduate Program. \$175,800. June 2002 – May 2005. (PI: D. Dennis Co-Is: D. Wubah; C. Cleland) (Award DBI-0139553).
- Bridges to the Baccalaureate Program at James Madison University. NIH NIGMS Bridge Program. \$638,858. July 2002 – June 2005. (Co-Is: C. Talley, K. Henthorn, J. Kiggins, and J. Wubah) (Award 1R25GM66348).
- US-Ghana Summer Undergraduate Research Experience for US Students at University of Cape Coast: Biodiversity in the Tropics. NSF International Program. \$60,000. May 2002-June 2004. (Award INT-0139175).
- UMEB: Collaborative research in environmental biology. NSF Undergraduate Mentoring in Environmental Biology Program. \$399,550. May 2001- June 2005 (Co-Is: D. Dennis, B. Wiggins and D. Brakke) (Award DEB-0103732).
- \*Facilitating Seamless Transitions from Baltimore City Community College to Towson University. NIH National Institute of General Medical Sciences (NIGMS). Bridge Program. \$244,051. September 2000- August 2002. (PI: G. Gasparich Co-Is: D. Wubah, E. Silldorff, L. Williams-Hogarth, C. Berkower and R. Sandlin) (Award 1R25GM58384).
- Exploratory visit to National Taiwan Ocean University to develop an REU site for James Madison University. Supplement to “Research Experience for Undergraduates in Chemistry at James Madison University”. NSF-Office of International Programs. \$4,140. August 2000- July 2001. (Co-Is: D. Downey and G. McDonald)
- Enhancing the retention of minority students through research experiences. University System of Maryland. \$67,308. June 2000 - June 2001. (Co-Is: G. Gasparich and D. Schaefer).
- Supplement to “Undergraduate Research Training at Towson University”. NSF-Research Experience for Undergraduate Program. \$9,379. August 1999 - July 2000 (Co-Is: K. Denniston and L. Wimmers) (Award DBI-9944510).
- \*Nanotechnology research at Towson University. NSF-Major Research Instrumentation (MRI) Program. \$101,000. June 1998 – June 2000. (PI: D. Schaefer and Co-Is: D. A. Wubah and G. Gasparich) (Award 9977530).
- Supplement to “Undergraduate Research Training at Towson University”. NSF-REU Site Program. \$15,800. June 1999 - July 2000. (Co-Is: D. Brakke, K. Denniston and L. Wimmers) (Award DBI-9942488).
- Recruitment and retention of undergraduate minority students in the sciences through research experiences. University System of Maryland. \$17,550. June 1999-June 2000.

(Co-Is: G. Gasparich and D. Schaefer).

- Undergraduate Research Training at Towson University. NSF-REU Site Program. \$151,800. June 1998- August 2001. (Co-Is: D. Brakke and L. Wimmers). (Award DBI-9732442).
- Recruitment and retention of undergraduate minority students in the sciences. University System of Maryland. \$18,050. June 1998-June 1999. (Co-Is: G. Gasparich and D. Schaefer).
- Effect of chlorine substitution pattern on degradation of PCB congeners by indigenous microorganisms from Chesapeake Bay sediment. TSU Faculty Research Grant. \$1200. January 1997- December 1997.
- Characterization of rumen fungi responsible for forage fiber digestion. U. S. Department of Agriculture. \$49,521. September 1994 - September 1996
- Isolation and characterization of anaerobic zoosporic fungi from natural environments. NSF Population and Community Ecology Program. \$12,000. June 1993 - July 1994. (Award DEB-9302898)
- Biotransformation of polychlorinated biphenyls by Chesapeake Bay sediments. TSU Faculty Research Grant. \$1200. January 1994 - December 1994
- Isolation and characterization of anaerobic fungi. Towson State University Faculty Research Grant. \$1000. January 1993 - December 1993

## PUBLICATIONS

### Peer-reviewed journal articles, proceedings and book chapters

- Miller, J., Bakab, A. K., Sarfo, J. K., Wubah D. A. and Wubah, J.A. 2015. Effect of germination power on peroxidase activity and concentration in Obatampa maize. *JYI* (Submitted)
- Allen, M. Yankson, K., Dzakpasu, M., Wubah D. A. and Wubah, J.A. 2015. Study of macroinvertebrates in relation to sediments in three coastal lagoons in the Cape Coast, Ghana area. *JYI*. (Under review)
- Matthiasson, M. Kwapong, P. and Wubah, D. A. and Wubah, J.A. 2014. Early colony development of an equatorial Afrotropical stingless bee (*Hypotrigona* sp.) in a new habitat. *JYI* (Accepted)
- Miller, S., Mensah, B. A., and Wubah, D. A. 2014. Effect of food type on the development rate of *Hypolimnas misippus* in Cape Coast, Ghana. *JYI*. 26: 39-44. (<http://www.jyi.org/issue/6478/>)
- 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 ferruginea* 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/>)
- Sutton, A. E., Yankson, K., and Wubah, D. A. 2012. The Effect of Salinity on Particle Filtration Rates of the West African Mangrove Oyster, *Crassostrea tulipa*. *JYI* 24: 55 - 59. (<http://www.jyi.org/site/wp-content/uploads//The-Effect-of-Salinity-on-Particle-Filtration-Rates-of-the-West-African-Mangrove-Oyster.pdf>)
- Opoku-Boahen, Y., Azumah, S., Apanyin, S., Novick, B. D. and Wubah, D. 2012. The quality and infrared determination of trans-fatty acid contents in some edible vegetable oils. *Afr. J. Food Sci.* 3: 142-148.
- Adjaye-Gbewonyo, D., Quaye, E. C. and Wubah, D. A. 2010. Effects of extracts of *Piper guineense* seeds on insect pest damage to cowpea plants. *Journal of Young Investigators.* 20 (1).(<http://www.jyi.org/research/re.php?id=3654>)
- Branoff, B., Yankson, K. and Wubah, D. A. 2009. Seaweeds and associated invertebrates from Iture rocky beach in Ghana. *Journal of Young Investigators.* 19 (9) (<http://www.jyi.org/research/re.php?id=1765>)
- Wubah, V. B., Wubah, J. A. and Wubah, D. A. 2007. Expression pattern of deoxyguanosine kinase 3 during mouse development. *BIOS* 78: 16-24.
- 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.*
- 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.
- Brakke, D. F., Downey, D. M., Macdonald, G., Van Wyk, L., Hughes, W. C. and Wubah, D. A. 2003. Building a summer research community. *Council for Undergraduate Research Quarterly* 23: 14-17.

- 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.
- Lartevi K., Wubah, D. A., and Wubah, J. A. 2003. Effect of Neomycin and Oxytetracycline on *Neocallimastix* and *Piromyces*. Proceedings of the National Conference on Undergraduate Research.
- Lartevi, K., Wubah, D. A., and Wubah, J. A. 2002. Effect of Penicillin, Streptomycin and Vancomycin on fiber degradation by a *Neocallimastix* sp. Proceedings of the National Conference on Undergraduate Research.
- Brakke, D. F., Wubah, D. A., McDonald, G., Gasparich, G., Downey, D. M., and Schaefer, D. 2000. Retention of minority students through undergraduate research. Council of Undergraduate Research Quarterly, 20: 120-126.
- Nelson, J., Wubah, D. A. and A. Geisendorfer. 2000. Cellulolytic enzymes produced by aerobic fungi isolated from the gut of *Panaque maccus*. Proceedings of the International Congress on Fish Biology. Aberdeen, Scotland.
- Wubah, D. A. 1999. Fungal ecology. McGraw-Hill 2000 Yearbook of Science and Technology.
- Wubah, D. A. and Brakke, D. F., 1999. Summer Undergraduate Research in Biology: Combining programs with different objectives. Council on Undergraduate Research Quarterly. 19: 40-44.
- Nelson, J. A., Wubah, D. A., Whitmer, M. E., Johnson, E. A. and Stewart, D. J. 1999. Wood-eating catfishes of the genus *Panaque*: gut microflora and cellulolytic enzyme activities. J. Fish Biology. 54: 1069-1082.
- Levin, S. and Wubah, D. A. Developmental studies on a free-living polycentric zoosporic fungus isolated from pond sediment. 1999. Proceedings of the National Conference on Undergraduate Research.
- Wubah, D. A. 1998. The biology of the rumen fungi. McGraw-Hill 1999 Yearbook of Science and Technology. p 156-158.
- Wubah, D. A. and Kim, D. S. 1996. Chemoattraction of anaerobic zoosporic fungi to phenolic acids found in plant fiber. *Microbiol. Res.* 151: 257-262.
- Bell, B., K. Hensley, C. Fujii, K. Schwartz and Wubah, D. A. Effect of physical and chemical treatments on fiber degradation by rumen microorganisms. 1996. Proceedings of the National Conference on Undergraduate Research.
- Stevenson, K. and Wubah, D. A. Characterization of bacteria from the gut of *Panaque* using the BIOLOG system. 1996. Proceedings of the National Conference on Undergraduate Research.
- Wubah, D. A. and Kim, D. S. Dehalogenation of *ortho*-chlorinated biphenyls in Sheboygan River sediments. 1995. Proceedings: Scientific Conference on Chemical

Defense Research. Edgewood, MD.

- Reznik, G. and Wubah, D. A. Biotransformation of an *ortho*-substituted polychlorinated biphenyl congener by acclimated Chesapeake Bay sediments. 1995. Proceedings: Scientific Conference on Chemical Defense Research. Edgewood, MD.
- Wubah, D. A., Hale, D. D., and Rogers, J. E. 1994. "Bioremediation in freshwater and marine environments" In "Bioremediation" Baker, K. H. and Herson, D. S. (ed.) McGraw-Hill, New York, NY.
- Wubah, D. A. Decontamination of polychlorinated biphenyls in Saginaw River and Sheboygan River sediments by indigenous microorganisms. 1994. Proceedings: Scientific Conference on Chemical Defense Research. Edgewood, MD.
- Jones, J., Rogers, J., Molina, M., Araujo, R., Wubah, D., Nummer, B., Adams, R., and Tai, A. 1993. Strategies for enhancement of bioremediation of contaminated sediments: Laboratory and field studies.  
(<http://md1.csa.com/partners/viewrecord.php?requester=gs&collection=ENV&recid=3731190&q&q=&uid=790488339&setcookie=yes> )
- Wubah, D. A., Akin, D. E., and Borneman, W. S. 1993. Biology, fiber degradation and enzymology of the anaerobic zoosporic fungi. *Crit. Rev. Microbiol.* 19: 99-115.
- Rogers, J. E., Jones, W. J., Hale, D. D., and Wubah, D. A. 1993. Anaerobic degradation of chlorinated aromatic hydrocarbons using acclimated cultures. Proceedings: Second International Symposium on Genetic Engineering and Biotechnology. Karachi, Pakistan.
- Wubah, D. A., Jones, W. J. and Rogers, J. E. Decontamination of PCB-contaminated sediments through the use of bioremediation technologies. 1992. Proceedings: Conference on Remediation of Contaminated Sediments. Rutgers University, NJ. September 1992.
- Wubah, D. A., Fuller, M. S., and Akin, D. E. 1991. Resistant sporangium formation in *Neocallimastix* sp., an anaerobic fungus from the rumen of a cow. *Mycologia* 83: 40-48.
- Wubah, D. A., Fuller, M. S., and Akin, D. E. 1991. *Neocallimastix*: a comparative morphological study. *Can. J. Bot.* 69:835-843.
- Wubah, D. A., Fuller, M. S., and Akin, D. E. *Caecomyces communis*: morphology and development. *Mycologia* 83: 310-317.
- Wubah, D. A., Fuller, M. S., and Akin, D. E. 1991. Isolation of monocentric and polycentric rumen fungi from the feces of cow in Georgia. *Can. J. Bot.* 69: 1232-1236.

### 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.
- Wubah, D. A. 1995. Tutorial aids for Medical Microbiology. Kendall-Hunt Publishers. Dubuque, IA. (ISBN 0787214183)
- Wubah, D. A., Jones, W. J. and Rogers, R. E. 1992. Decontamination of PCB-contaminated sediments through the use of bioremediation technologies. US EPA Annual Symposium on Bioremediation of hazardous wastes. Biosystems Technology Development Program. Chicago, IL.
- Wubah, D. A., and Rogers, J. E., 1992. Reductive dechlorination of three highly chlorinated PCB congeners by sediments from a PCB-contaminated Great Lakes site. ([http://www.osti.gov/energycitations/product.biblio.jsp?osti\\_id=5582038](http://www.osti.gov/energycitations/product.biblio.jsp?osti_id=5582038) )
- Hale, D. D., Jones, W. J., Wubah, D. A., and Rogers, J. E. 1991. Use of anaerobic sediment and soil microorganisms to enhance biodegradation of chlorinated hazardous organic wastes. Report prepared for US EPA Technology Innovation Office.

#### Invited essay/articles

- Wubah D. A. 2012. Online education: point/counterpoint. Roanoke Times. September 2012 (<http://blogs.roanoke.com/roundtable/2012/09/online-education-pointcounterpoint/> )
- Wubah, D. A. 2008. Learning tropical biology on site: the REU Program in Ghana. UF International Newsletter Vol. 4.

#### PRESENTATIONS

- 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.
- Abebrese, E., Kwabong, P. Wubah, J. A. and Wubah, D. A. *In vitro* assessment of stingless bee hive products' microbial properties in Ghana. Council on Undergraduate Research Symposium. Washington, DC. November 2014.
- 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.
- Wubah, D. A. Vision and Change: A call to action. Virginia 4-A conference. James

Madison University, Harrisonburg, VA. July 2012.

- 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.
- Wubah, D. A. Fireside dialogue. Forum on Study Abroad. Davidson, NC. March 2010.
- Wubah D. A. Building a sustainable international research program for undergraduates from the ground up. AAAS Annual Meeting. Joint UNESCO-AAAS Invitation Workshop. Boston, MA. February 2008.
- Wubah, D. A. Characterization of obligately anaerobic zoospore-producing fungi from selected herbivores. Department of Zoology, University of Florida. September 2007.
- Wubah, D.A. Funding opportunities for international programs. Council on Undergraduate Research April Dialogues. Washington DC. April 2007.
- Iwueze, A. F., Wubah, D. A., and J. A. Wubah. Creating expression plasmids for two salvage pathway enzymes. National Council for Undergraduate Research 20<sup>th</sup> Annual meeting, Asheville, NC. April 2006.
- Wubah, D.A. and Yankson, K. JMU-UCC summer program: a unique research experience for American undergraduate students in a sub-Saharan African university. UMES Conference. Capetown, South Africa. October 2006.
- Boggs, G. R., Wubah, D. A., Marti, E., and Cornwell, G. The interaction between diversity and internationalization. Sigma Xi Workshop: "Assuring a globally engaged science and engineering workforce". NSF Headquarters, Arlington, VA. September 2006.
- Brown, D., Bender, C. and Wubah, D. A. Challenges and benefits of international undergraduate research. Council on Undergraduate Research Conference. DePauw University, Greencastle, IN. June 2006.
- Wubah, D. A. Best practices in integrating research into teaching. Quality Education for Minorities Network Workshop. Linthicum, MD. October 2005.
- Wubah, D. A. and Wubah, J. A. Institutional approaches to research training programs. Training Minority Scientists: Exploring Partnerships, expanding opportunities conference.

Center for Bioenvironmental Research. Tulane University, New Orleans, LA. August 2005.

- Wubah, D. A. and Egan, D. International grant opportunities. Council on Undergraduate Research Dialogues: The art of grantsmanship. Washington DC. April 2005.
- Wubah, D. A. Integrating research into teaching. Quality Education for Minorities Network Workshop. Memphis, TN. April 2005.
- Wubah, D. A. and Rose, L. H. Centennial Scholars Program: a multi-level approach to providing support for under-represented students. AAHE Annual Conference, Atlanta, GA March 2005.
- Iwueze, A. F., Wubah, D. A., and Wubah, J. A. Creating expression plasmids for two salvage pathway enzymes. Fifth Annual Biomedical Conference for Minority Students, Atlanta, GA October 2005.
- Iwueze, A., Wubah, J. A. and Wubah, D. A. A new method for the generation of a deoxyguanosine kinase-3-GFP expression plasmid. Annual Biomedical Research Conference for Minority Students. Dallas, TX. November 2004.
- Wubah, V. B., Wubah, D. A., and Wubah J. A. Analysis of the subcellular location of salvage enzymes in mouse embryonic cell lines. National Council for Undergraduate Research 18<sup>th</sup> Annual meeting, Indianapolis, IN, April 2004.
- Wubah, D. A. Effective ways for diversifying chapters. 2004 Sigma Xi Annual Meeting, Montreal, Canada. November 2004.
- Wubah, D. A. Integrating research into teaching: best practices. Quality Education for Minorities Network Workshop. Linthicum, MD. October 2004.
- Wubah, D. A. Recruiting the best and brightest. Organization of Tropical Studies Minority Scholars Symposium on “Fostering a diverse scientific community”. Howard University. August 2004.
- Hevener, D. C., Phan, T-L., Wubah, D. A. and Wubah, J. A. Confirmation studies of microarray analysis of mouse prostate lobes. National Council for Undergraduate Research 18<sup>th</sup> Annual meeting, Indianapolis, IN, April 2004.
- Wubah, D. A. Taking advantage of NSF support for undergraduate research abroad. The Project Kaleidoscope 2003 Assemblies. University of California, Irvine. November 2003.
- Barnes, J. and Wubah, D. A. The spatial relationships between AIDS prevention behavior and centers of AIDS awareness information: a case study of coastal districts in Ghana. Undergraduate Biological and Chemical Science Symposium at the University of Maryland, Baltimore County. November 2003.
- Pham N-H., Herrick, J. and Wubah, D. A. Detection of antibiotic resistance integrons in Shenandoah Valley stream *Escherichia coli*. Undergraduate Biological and Chemical Science Symposium at the University of Maryland, Baltimore County. November 2003.

- Phan, T-L., Wubah, J. A., Nwosu, C., Hevener, D. and Wubah, D. A. Confirmation of microarray analysis of mouse prostate lobes. Undergraduate Biological and Chemical Science Symposium at the University of Maryland, Baltimore County. November 2003.
- Wubah, V. B., Tayman, F. S. K., Wubah, D. A. and Atsu-Barku, V. Isolation of anthroquinones from the roots of *Sienna siamea*. Undergraduate Biological and Chemical Science Symposium at the University of Maryland, Baltimore County. November 2003.
- Lartevi, K., Wubah, D. A. and Wubah, J. A. Effect of oxygen on degradative activities of selected rumen microorganisms isolated from cow dung. American Society for Microbiology 103rd Annual meeting. Washington DC. May 2003.
- Chang, J., Quaye, E. C., and Wubah, D. A. Sanitation and disease awareness in Adisadel and Nkafoa. 17th National Conference on Undergraduate. Salt Lake City, UT April 2003.
- Doherty, J., Akotoye, H., and Wubah, D. A. Ethnomedical practices of some ethnic groups in the Central region of Ghana. 17th National Conference on Undergraduate. Salt Lake City, UT April 2003.
- Wubah, D. A. Globalizing undergraduate research experiences. Wuhan University, China. March 2003.
- Provost, K., Mensah, B. A and Wubah, D. A. A study of the overlap of butterfly species between Kakum National forest and the surrounding cultivated areas in Cape Coast. Undergraduate Biological and Chemical Science Symposium at the University of Maryland, Baltimore County. October 2002.
- Wubah, D. A., Lartevi, K. and Wubah, J. A. Effect of three antibiotics on fiber degradation by a ruminant zoosporic fungus. American Society for Microbiology 102nd Annual meeting. Salt Lake City, UT. May 2002.
- Wubah, D. A. and Bender C. Globalizing research experiences for science students. Sigma Xi Forum. Galveston, TX. November 2002.
- Wubah, D. A., Loretz, C., and O'Connor, S. International undergraduate research experiences: opportunities and challenges. Council on Undergraduate Research Ninth National Conference. Connecticut College, CT. June 2002.
- Wubah, D. A. Preparing students for the global workforce. Project Kaleidoscope Summer Institute. Colonial Williamsburg, VA. May 2002.
- Lartevi, K. and D. A. Wubah. Effects of antibiotic concentrations on fiber degradation by anaerobic zoosporic fungi. American Institute of Biological Sciences 52<sup>nd</sup> Annual meeting. Washington D.C. March 2001. (Diversity Scholar Award).
- Wubah, D. A. and J. Nelson. Comparison of fungal microbiota from rumen and neotropical, herbivorous catfish. International Congress on Fish Biology. Aberdeen, Scotland. June 2000. Invited symposium speaker.

- Lombardi, K., R. Shoemaker, D. C. Forester and D. A. Wubah. Infection of salamander eggs by fungi in the class Ascomycetes. American Society of Microbiology 100th Annual meeting. Los Angeles, CA. May 2000.
- Pfarr, J., G. Gasparich, and D. A. Wubah. A comparative study of *para* and *meta*-dechlorinating bacterial consortium from pristine and contaminated sites in the Chesapeake Bay area. American Society of Microbiology 100th Annual meeting. Los Angeles, CA. May 2000.
- Students in research: attracting and retaining minorities. Council on Undergraduate Research Eighth National Conference. College of Wooster, OH. June 2000. Organizer with D. Brakke and G. Gasparich.
- Managing an REU site. Council on Undergraduate Research Eighth National Conference. College of Wooster, OH. June 2000. Panelist with S. Garg, C. Huber and R. Winter.
- Academic/industrial success stories involving primarily undergraduate institutions. Council on Undergraduate Research Eighth National Conference. College of Wooster, OH. June 2000. Panelist with C. Wade, D. Gragson and A. Nalley.
- Using undergraduate research programs to improve recruitment and retention of under-represented populations in the sciences. 86<sup>th</sup> Annual Association of American Colleges and Universities meeting. January 2000. Panelist with D. Brakke, S. Baker and B. Gourley.
- Wubah, D. A., G. Gasparich and D. Schaefer. Recruitment and retention of under-represented minority students through research. Retention 2000 Conference. University of Maryland College Park. Nov. 1999.
- Wubah, D. A. Collaboratives to integrate research and education. CUR Quarterly June 1999.
- Wubah, D. A. Running an REU site program. Council on Undergraduate Education April Dialogue at NSF, Arlington, VA. April 1999. Panelist with S. Garg, C. Huber and Robb Winter.
- Wubah, D. A. Situational cases in being a chair. PKAL Regional Leadership Meeting, Towson University, February 1999. Panelist with L. Lindahl and S. Ghahramani.
- Wubah, D. A. A view from the other side: the proposal reviewer's perspective. TU Office of Sponsored Projects and Research Administration. Nov. 1998. Panelist with D. Brakke and C. Exner.
- Levin, S. and D. A. Wubah. Characterization of a free-living polycentric zoosporic fungus isolated from pond sediment. American Society of Microbiology 99th Annual meeting. Abstract #F117. May, 1999.
- Mfalila, C. and D. A. Wubah. Effects of antibiotics on fiber degradation by rumen fungi. National Conference on Undergraduate Research *University of Rochester, NY. April 1999. Abstr. Bk.*

- Wubah, D. A. Increasing Minority Student Retention at Towson University through Research. with G. Gasparich and D. M. Schaefer. Towson University Multicultural Fair, August, 1998.
- Basiliere, J., R. Dixit and D. A. Wubah. Effect of temperature and pH on chemoattraction of *Neocallimastix* zoospores to ferulic and cinnamic acid. *Inoculum* 48: 24 July, 1998.
- Gasparich, G., S. Feldman, J. Scheutz, D. Wubah and B. Masters. 1998. Strategies for enhancing active learning in the Biology curriculum. Lilly Conference Atlantic Section.
- Gasparich, G. D. Schaefer and D. Wubah. Increasing minority retention at Towson University through research. Retention 2000 Conference. University of Maryland College Park. Nov. 1998.
- Basiliere, J., K. Asher, R. Dixit, and D. A. Wubah. Chemotaxis of *Piromyces* sp. to three lignin monomers. National Conference on Undergraduate Research, *Salisbury State University*. April 1998. *Abstr. Bk. p64*.
- Reznik, G. J. Sodano and D. A. Wubah. Reductive dechlorination of an *ortho*-substituted PCB congener by Chesapeake Bay sediments acclimated to *para*- and *meta*-chlorinated congeners. American Society of Microbiology 97th Annual meeting. Abstract #Q145. May, 1997.
- Chambers, J. and D. A. Wubah. Preliminary studies on the effects of antibiotics on rumen fungi. Mid Atlantic States Mycology Conference. May 1997. Shepherdstown, WV.
- Kim, D., D. A. Wubah and B. S. Masters. Morphological and molecular characterization of facultative anaerobic fungi from the rumen of cow. American Society of Microbiology 96th Annual meeting. Abstract #I-108, May, 1996.
- Wubah, D. A. and M. Porterfield. Biotransformation of a planar PCB congener by indigenous Chesapeake bay microorganisms under anaerobic conditions. American Society of Microbiology 96th Annual meeting. Abstract #Q201, May, 1996.
- Wubah, D. A. and S. H. Kim. Isolation and characterization of a free-living species of *Piromyces* from a pond. *Inoculum* 46: 44. June 1995.
- Wubah, D. A. and S. H. Kim. Fiber degradation by anaerobic fungi from the rumen and dung of the same cow. American Society of Microbiology 95th Annual meeting. Washington DC. Abstract #O-41. May, 1995.
- Caspa, J., B. A. Bell and D. A. Wubah. Characterization of bacteria from a microbial bloom in a domestic pond. *Assoc. of Southeastern Biologists Bulletin* 42:99. April, 1995.
- Wubah, D. A. and S. H. Kim. Morphology and development of two new isolates of anaerobic zoosporic fungi from a pond. Fifth International Mycological Congress, Vancouver, Canada. August, 1994.

- Wubah, D. A., S. H. Kim and J. A. Wubah. Chemotaxis to selected plant cell wall components by three *Neocallimastix* isolates. Fifth International Mycological Congress, Vancouver, Canada. August, 1994.
- Wubah, D. A. and S. H. Kim. Studies on novel anaerobic zoosporic fungi isolated from a pond. American Society of Microbiology 94th Annual meeting. Las Vegas, NV Abstract #I-96. May 1994.
- Kim, D. S., P. Patel and D. A. Wubah. Isolation and characterization of bacteria from wood-eating catfish. Fifth National Conference of the Council on Undergraduate Research. Bates College, Lewiston, ME. June 1994.
- Wubah, D. A. and S. H. Kim. Preliminary morphological studies on a new obligately anaerobic zoosporic fungus isolated from a pond. ASB Bulletin. April, 1994.
- Wubah, D. A. Decontamination of polychlorinated biphenyls in Saginaw River and Sheboygan River sediments by indigenous microorganisms. Scientific Conference on Chemical Defense Research. Edgewood, MD. November 1993.
- Wubah, D. A. Anaerobic biotransformation of highly chlorinated PCB congeners by microorganisms in contaminated Ashtabula River sediments. ASB Bulletin 40: 90. April, 1993.
- Wubah, D. A., J. E. Rogers and W. J. Jones. Anaerobic dechlorination of polychlorinated biphenyl congeners and mixtures by contaminated sediments from two Great Lakes Sites. ASM conference on "Anaerobic dehalogenation and its environmental implications". Athens, GA. September 1992.
- Wubah, D. A., J. E. Rogers and W. J. Jones. Laboratory and pilot scale studies for biotransformation of PCB-contaminated sediments. American Chemical Society Industrial and Engineering Chemistry Division Special Symposium on "Bioremediation of Soils and Sediments". Atlanta, GA. September 1992.
- Wubah, D. A. and J. E. Rogers. Reductive dechlorination of three highly chlorinated polychlorinated biphenyl (PCB) congeners by sediments from a PCB-contaminated Great Lakes site. American Society of Microbiology 92<sup>nd</sup> Annual Meeting. New Orleans, LA. Abstract. #Q31. May, 1992.
- Kong, I.-C., D. A. Wubah and W. J. Jones. Effects of heavy metals on reductive dechlorination of chlorophenols in anoxic freshwater sediment. American Society of Microbiology 92<sup>nd</sup> Annual Meeting. New Orleans, LA. Abstract. # Q105 May 1992.
- Wubah, D. A., M. S. Fuller and D. E. Akin. 1990. Development of *Caecomyces* sp. MSA Newsletter, 41:45.
- Wubah, D. A. 1990. Scanning electron microscopy studies on the development of resistant sporangium in a *Neocallimastix* sp. SEEMS Newsletter 12:27.
- Wubah, D. A. and M. S. Fuller. 1989. Development of anaerobic zoosporic fungi isolated from Georgia cattle. MSA Newsletter 40:54.

- Wubah, D. A., M. S. Fuller and D. E. Akin. 1989. Resistant sporangia in anaerobic fungi allow survival outside the rumen. Abstr. of Conference on Rumen Function 20: 12.

### **SELECTED SPEECHES**

- Keynote speaker. Virginia Tech National Residence Hall Honorary. Blacksburg, VA. April 2012
- Keynote speaker. Virginia Tech Annual Student Recognition Banquet. Blacksburg, VA. April 2010.
- 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 (One distinguished alum is selected to give this speech).
- 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.

### **SERVICE ON NATIONAL COMMITTEES AND BOARDS**

- Member, Board of Trustees, Stuart Hall School, Staunton, VA. April 2014- present
- Member, Board of Directors, Edward Via College of Osteopathic Medicine. October 2012 - present
- Member (elected), Board of Trustees, Southern Association of Colleges and Schools. 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 on Environmental Research and Education, January 2010 – 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 in Washington DC. 2006-2013
- Member, Board of Governors, National Aquarium Institute, Baltimore. 2006-2013
- Member, Board of Trustees, Martin Luther King Jr. Center Living History and Public Policy, Richmond, VA. August 2004-July 2007.
- Member, Executive Committee, Just Garcia Hill. November 2004- October 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, Board of Governors, National Aquarium in Baltimore. April 2000 – June 2006.
- Member, Mycology Advisory Board, American Type Culture Collection. June 1996-May 2005.

## **PROFESSIONAL SOCIETY MEMBERSHIPS**

- Council on Undergraduate Research. Two-term Councilor, Biology Division. 2000-2006
- American Association for Higher Education. 1998 – 2004.
- International Society for Human and Animal Mycology. 1998 – 2004.
- American Management Association. 1998 – 2001.
- Project Kaleidoscope (Faculty 21 member) Class of 1997; Board member (2007-2008)
- 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**

### **Invited presentations on scientific research**

- 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
- Development Center for Biotechnology, Taipei, Taiwan. June 2001.
- 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 Biology, Morehouse College, Atlanta, GA. October 1998
- Department of Botany, University of Toronto, Toronto, Canada. March 1997
- Department of Botany, Miami University, Oxford OH. November 1996.
- Department of Biology, Howard University, Washington DC. November 1995.
- Center for Marine Biotechnology, Baltimore, MD. October 1995.
- Department of Geography and Environmental Engineering, Johns Hopkins University, Baltimore, MD. October 1993.

### **Miscellaneous activities**

- Member, Final Selection Committee, State Council for Higher Education in Virginia (SCHEV) Outstanding Faculty Award Program. October 2010 – present.
- Presentation on “Virginia Tech STEM efforts across the Commonwealth” made to the Gerald Robinson, Secretary of Education, Virginia, November 2010.
- 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.
- Project Kaleidoscope Web Advisory Board. June 2001 - July 2003.
- 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)
- Member, Audit Committee, Association of Southeastern Biologists. 1994-1996 (Chair, 1996-1997)

## **REVIEW/CONSULTING ACTIVITIES**

### **Journal referee**

- 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.
- Reviewer, Scanning Microscopy. 1994-1996.

### **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**

- Committee of Visitors. NSF Office of Integrative Activities. Review of Science and Technology Centers Program. May 2011
- NSF Science and Technology Centers: Integrative Partnerships Blue Ribbon Panel. December 2009
- Louise Stokes Alliance for Minority Participation Review Panel. December 2007
- Research Experiences for Undergraduates, Biology Directorate. November 2005
- Graduate Research Fellowship Program. 2001- 2005
- Biological Resource Collections Program. 2001- 2004
- Doctoral Dissertation Improvement Program. 1997- 2004
- Curriculum Course and Laboratory Improvement Program. 2001-2005

### **National Institutes of Health**

- National Institute for Minority Health Disparities (NIMHD) Special Emphasis Panels. December 2010 – present (Chair)
- National Center for Minority Health Disparities (NCMHD) Health Disparities Research on Minority and Underserved Populations. Special Emphasis Panel. June 2010 – July 2011
- 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 Clinical Translational Science Award (CTSA) Scientific Review Group, February 2010
- NCMHD Endowments and DREAMS Review, May 2009 (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 RCMI Initial Review Committee. Member, 2001-2004; Chair, 2005-2007
- NCMHD Initial Review Group. 2004 – 2006
- 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

## **INSTITUTIONAL COMMITTEES**

### **Washington and Lee University**

- President's Cabinet
- President's Council
- Chair, Presidents' Advisory Committee
- Chair, Capital Projects Advisory Committee
- Employee Benefits Committee
- Glasgow Endowment Committee
- Chair, Honorary Degrees Committee
- Chair, Institute for Honor Advisory Board
- Investment Committee

### **Virginia Tech**

- Center for Innovation in Learning Advisory Committee
- Alumni Distinguished Professor Selection Committee
- Executive Development Institute Advisory Committee
- Vice President for Diversity and Inclusion Search Committee
- Associate Provost for Resource Planning Search Committee
- President's Academic Council
- Threat Assessment Team
- Provost's Council
- Academic Affairs Council
- Commission on University Support
- Commission on Undergraduate Studies and Policy
- Commission on Graduate Studies and Policy
- University Council

### **University of Florida**

- Land Use and Facilities Planning Committee
- Advisory Board, Center for International Business Education and Research
- Chair, University Curriculum Committee
- General Education Committee
- Common Reader Book Selection Committee
- Preview Steering Committee
- University Committee on Teacher Education
- Advisory Board, School of Natural Resources and Environment
- Graham Center for Public Policy Advisory Board

**James Madison University**

- Chair, Institutional Biosafety Committee
- Chair, JMU Radiation Safety Committee
- Member, Task Force on Commencement
- Member, Steering Committee, Institute for Innovations in Health and Human Services
- Member, American Council on Education International Programs Leadership Team
- Member, Task Force on Institute for Innovations in Health and Human Services
- Member, Southern Association of Colleges and Schools Accreditation Steering Committee
- Member, Integrated Science and Technology Department Head Search Committee
- Co-chair, Physics Department Chairperson Search Committee
- Member, Health and Human Services Task Force
- Member, Education Task Force
- Member, International Week Committee
- Member, Committee for Administrative Review of JMU's Affirmative Action Office
- Member, Biochemistry Faculty Search Committee

**Towson University**

- Member, College of Fine Arts & Communication Graduate Fellowship Review Team
- Judge, Maryland Science Fair
- Member, Program Committee for the Center for Applied Information Technology
- Chair, CSM Dean Search Committee
- Member, Learning Community Committee
- Member, Diversity Enhancement Task Force
- Secretary, Towson University Council of Chairs
- Program Director, Summer Undergraduate Research in Biology
- Member, University System of Maryland Task Force on Minority Recruitment and Retention
- Chair, CSM Associate Dean Search Committee
- Member, Towson University Graduate Program Reform Task Force
- Secretary (1994), Vice-President (1995) and President (1996), Towson State University Chapter of Sigma Xi.
- Program Director, NSF-funded Summer Institute in Environmental Sciences,
- Member, Towson University Physics Department Search Committee
- Member, Biology Department Chairperson Search Committee
- Member, Middle States Accreditation Steering Committee
- Chair, Middle States Accreditation Subcommittee on Institutional Advancement
- Member, Biology Department Faculty Hiring Committees
- Visiting Scholars Committee (Member, 1996-1997; Chair, 1997-1998)
- Member, Pre-Medical/Pre-Dental Committee
- Member, College of Natural Sciences and Mathematics Council
- Member, Chemistry Department Chairperson Search Committee
- Member, Biology Department Seminar Committee

## **CIVIC AND COMMUNITY ACTIVITIES**

- 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