

CURRICULUM VITAE

Luben D. Dimov
Senior Lecturer in Forestry
November 2025

Forestry Program
Rubenstein School of Environment and Natural Resources
University of Vermont

802-656-0616
LDimov@uvm.edu
uvm.edu/rsenr/profile/luben-dimov

Education

- 12/2004 - **PhD** in Renewable Natural Resources, Louisiana State University.
Dissertation title: Spatial analyses and growth of trees in selected bottomland hardwood stands. Advisors: Dr. Jim Chambers and Dr. Brian Lockhart
Split Minor in Experimental Statistics
- 7/1998 – BS training and **MS degree** in Forestry, University of Forestry, Sofia, Bulgaria. Advisor: Prof. Dr. Georgi Rafailov

Professional Experience

- 2018 – present – **Senior Lecturer in Forestry**, Rubenstein School of Environment and Natural Resources, University of Vermont
- 7/2018 – 8/2018 – **Professor of Silviculture and Forest Ecological Management**, Alabama A&M University
- 8/2010 – 7/2018 - **Associate Professor of Silviculture and Forest Ecological Management**, Alabama A&M University
- 5/2005 – 8/2010 – **Assistant Professor of Silviculture and Forest Ecological Management**, Alabama A&M University
- 1/2005 – 5/2005 – **Postdoctoral Researcher in Forestry**, Coastal Wetland Forest Conservation and Use Science Working Group, School of Renewable Natural Resource, Louisiana State University
- 10/1999 – 12/2004 - **Graduate Research Assistant in Forestry**, School of Renewable Natural Resource, Louisiana State University
- 1/1997 – 1/1998 – **Plant Nursery Production Work and Training Experience**, Darby Nursery Stock Ltd., Thetford, England. This program was a collaborative effort between the University of Forestry in Bulgaria and the International Plant Propagators' Society to provide students with international experience in the field of nursery management
- 1/1998 – 8/1998 and 6/1996 – 12/1996 - **Graduate Research Assistant in Silviculture**, University of Forestry, Sofia, Bulgaria. Research was related to forest stand dynamics, growth, and silvicultural implications of single tree selection in uneven-aged mixed upland forests
- 3/1996 – 5/1996 - **Intern, oak tissue cultures**, Department of Biology, University of Zagreb, Croatia. Under the auspices of the Central European Exchange Program for University Studies

Teaching

At the University of Vermont (since 2018)

Awards:

- Best UVM Professor Award, 2025, UVM Bored
- Office of Community Engaged Learning Outstanding New Service Learning Faculty Award, Apr 2023

Courses (currently and previously taught):

1. Dendrology FOR 12010 (up to 120 students)
2. Natural Resource Ecology and Assessment I FOR 2110 (80-90 students)
3. Natural Resource Ecology and Assessment II FOR 2120 SL (a Service Learning course, 40-50 students)
4. Management of Forest Woodlots FOR 3330 (30-40 students)
5. Forest Ecosystem Analysis FOR 2220 (30-40 students)
6. Independent Study FOR 2993
7. Undergraduate Research FOR 291
8. Honors FOR 299
9. Outdoor Experience Learning Community LC 005 (~400 students; taught once)
10. Teaching Assistantship LC 197

At Alabama A&M University (2005-2018)

Awards:

- Recipient of the first “Best Teacher” award by the department’s Graduate Student Association in the Spring of 2016

Undergraduate courses:

1. Introduction to Forestry, NRE 281, 3 credits, taught twice a year
2. Silvics, NRE 374, 3 credits
3. Forest Ecology, NRE 389, 4 credits
4. Silviculture NRE 375, 4 credits
5. Forest Ecological Management, NRE 474, 2 credits, pre-capstone course for Forestry majors
6. Forest Ecological Management, NRE 489, 3 credits
7. Forest Ecological Management Project, NRE 497, 4 credits, capstone course for Forestry majors
8. International Exchange and Study Abroad, NRE 483, 3-6 credits

Graduate courses:

9. Ecological Restoration of Hardwood Forest Ecosystems, NRE 586, 3 credits
10. Forest Ecological Management, NRE 589, 3 credits
11. Applied Forest Ecology, NRE 701, 3 credits
12. Special Problems in Forestry, NRE 490 and 590, 3 credits
13. International Exchange and Study Abroad, NRE 593, 3-6 credits
14. Thesis and Dissertation Research NRE 599 and 799, respectively

Also taught (by invitation) a 2-week intensive undergraduate course in Silviculture in China in the summer of 2016 at the College of Forestry, Northwest Agriculture and Forestry University, Yangling, China.

Selected Publications

- Lemke, D., Dimov, L.D., Czech, H., Knight, P., Finch, W., Condit, R. 2025. Relationship between topographic variables and live aboveground tree biomass on a large temperate forest plot. *Forest Ecosystems* 14 (2025) 100338 <https://doi.org/10.1016/j.fecs.2025.100338> and [News Release in AAAS Eureka Alert](#)
- Lemke, D., Dimov, L., Finch, B., Knight, P., Czech, H., Weninegar, L., Condit, R. 2025. Initial tree census for the Paint Rock Forest Dynamics Plot, Alabama, USA [Data set]. In *Ecology*. Zenodo. <https://doi.org/10.5281/zenodo.17601131>
- Naka, K., Hossain, S., Dimov, L. 2024. Growth of two loblolly pine clones planted in agroforestry and plantation settings: nine-year results. *Agroforestry Systems* <https://doi.org/10.1007/s10457-024-01040-4>
- Ojha SK, Dimov LD, Tadesse W. 2021. Growth, proportion, and distribution pattern of longleaf pine across southeastern forests and disturbance types: A change assessment for the period 1997-2018. *PLoS ONE* 16(1): e0245218.
- Sharma A, Ojha SK, Dimov LD, Vogel JG, Nowak J. 2021. Long-term effects of catastrophic wind on southern US coastal forests: Lessons from a major hurricane. *PLoS ONE* 16(1): e0243362.
- Ojha, SK, Naka, K, Dimov, LD. 2019. Assessment of disturbances across forest inventory plots in the southeastern United States for the period 1995–2018. *Forest Science* 66(2):242–255.
- Ojha, S.K., Naka, K., Dimov, L.D., Bhatta, D. 2019. Rarity of shortleaf, slash, and longleaf pine seedlings in oak-pine forest types: An assessment of associated environmental, stand, site, and disturbance factors. *For. Ecol. Manag.* 438, 151–162.
- Ojha, S.K., Dimov, L.D. 2017. Variation in the diversity-productivity relationship in young forests of the eastern United States. *PLOS ONE* 12(11): e0187106. <https://doi.org/10.1371/journal.pone.0187106>
- Ojha, S.K., Dimov, L.D. 2017. Linking hypothesized causal factors to aboveground biomass growth in forests of Alabama and the eastern US. *Forest Systems* 26(3), e016. <https://doi.org/10.5424/fs/2017263-11875>
- Ojha, S.K., Dimov, L.D. 2017. Relationship between forest aboveground biomass growth and tree species richness, identity, and structure. *Forestry Ideas* 23(2):122-144.
- Dimov, L.D., Howard, K.J., Leggett, Z.H., Sucre, E.B., Weninegar, L.L. 2015. Removal of organic matter from the forest floor in loblolly pine plantations increased ground-layer richness and diversity 16 years after treatment. *Forest Science* 61: 554-558.
- Patterson, C.T., Dimov, L.D. 2013. Effect of shade and fertilizer supplement on survival and growth of American chestnut seedlings. *Forestry Ideas* 19(2):157-166.
- Dimov, L.D., Chambers, J.L., Lockhart, B.R. 2013. Tree species exhibit complex patterns of distribution in bottomland hardwood forests. *Annals of Forest Science* 70:813-823.

- Williams, J.R., Dimov, L.D. 2013. Effect of high-intensity directed fire in different seasons on survival and sprouting of royal paulownia (*Paulownia tomentosa* (Thunb.) Steud.). *Forestry Ideas* 19(1):27-40.
- Barlow, R., Dimov, L.D., Connor, K., Smith, M. 2013. First year survival and growth of fertilized slash pine in south Alabama. Pp: 17-19. *In*: Guldin, James M., ed. 2013. Proceedings of the 15th Biennial Southern Silvicultural research conference. e-Gen. Tech. Rep. SRS-175. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station. 585p.
- Connor, K., Dimov, L.D., Barlow, R., Smith, M., Kirkland, E. 2013. Conversion of an oak seed orchard to oak silvopasture. Pp:469-471. *In*: Guldin, James M., ed. 2013. Proceedings of the 15th Biennial Southern Silvicultural Research Conference. e-Gen. Tech. Rep. SRS-175. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station. 585p.
- Connor, K., Barlow, R., Dimov, L.D., Smith, M. 2012. Longleaf pine agroforestry. Pp. 71-75. *In*: Butnor, J.R., ed. Proceedings of the 16th Biennial Southern Silvicultural Research Conference. e-Gen. Tech. Rep. SRS-156. Asheville, NC: U.S. Department of Agriculture Forest Service, Southern Research Station. 391p.
- Zak, J., Dimov, L.D., Schweitzer, C.J., Clark, S.L. 2010. Relationship between herbaceous layer, stand, and site variables in the Bankhead National Forest, Alabama. pp. 95-99. *In* J. A. Stanturf, editor. Proceedings of the 14th Biennial Southern Silvicultural Research Conference, February 26–28, 2007; Athens, GA. Gen. Tech. Rep. SRS-121. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station. 614p.
- Clark, S.L., Schweitzer, C.J., Schlarbaum, S.E., Dimov, L.D., Herbard, F.V. 2009. Nursery quality and first-year response of American chestnut (*Castanea dentata*) seedlings planted in the southeastern United States. *Tree Planter's Notes*. 53(2):13-21.
- Dimov, L.D., Chambers, J.L., Lockhart, B.R. 2008. Five-year radial growth of red oaks in mixed bottomland hardwood stands. *Forest Ecology and Management*. 255(7):2790-2800.
- Clark, S.L., Torreano, S.J., Loftis, D.L., Dimov, L.D. 2007. Twenty-two year changes in regeneration potential in an old-growth *Quercus* forest on the mid-Cumberland Plateau, Tennessee. Proceedings of the 15th Central Hardwood Forest Conference, e-Gen. Tech. Rep. SRS 101. U.S. Department of Agriculture, Forest Service, Southern Research Station: 286-294 [CD-ROM].
- Keim, R.F., Chambers, J.L., Hughes, M.S., Dimov, L.D., Conner, W.H., Shaffer, G.P., Gardiner, E.S., Day, J.W. 2006. Long-term success of stump sprouts in high-graded baldcypress–water tupelo swamps in the Mississippi delta. *Forest Ecology and Management* 234:24-33.
- Dimov, L.D., Schweitzer, C.J. 2006. Overstory and regeneration structure and relationships in mixed stands on the southern Cumberland Plateau. Proceedings of the 15th Central Hardwood Forest Conference, February 27 – March 1, 2006. Knoxville, TN. 644-651.
- Dimov, L.D., Stelzer, E.L., Wharton, K., Meadows, J.S., Chambers, J.L., Ribbeck, K., Moser, E.B. 2006. Effects of thinning intensity and crown class on cherrybark oak epicormic branching five years after treatment. *In* Connor, K.F. (ed.). Proceedings of the 13th Biennial Southern Silvicultural Research Conference. Gen. Tech. Rep. SRS-92. Asheville, NC: USDA Forest Service, Southern Research Station. 606-610.

- Keim, R.F., Chambers, J.L., Hughes, M.S., Gardiner, E.S., Conner, W.H., Day, J.W., Faulkner, S.P., King, S.L., McCleod, K.W., Miller, C.A., Nyman, J.A., Shaffer, G.P., Dimov, L.D. 2006. Long-term success of baldcypress stump sprouts. *In* Connor, K.F. (ed.). Proceedings of the 13th Biennial Southern Silvicultural Research Conference. Gen. Tech. Rep. SRS-92. Asheville, NC: USDA Forest Service, Southern Research Station. 559-563.
- Dimov, L.D., Chambers, J.L., Lockhart, B.R. 2005. Spatial continuity of tree attributes in bottomland hardwood forests in the southeastern USA. *Forest Science* 51(6):532-540.
- Dimov, L.D., Lockhart, B.R., Chambers, J.L. 2004. Individual oak tree growth in southern bottomland hardwood stands (preliminary results). Proceedings of the 12th Biennial Southern Silvicultural Research Conference. Connor, K.F. (ed.). Gen. Tech. Rep. SRS-71. Asheville, NC: USDA Forest Service, Southern Research Station. 292-295.

Grants

- Dimov, L.D., Lemke, D., Hubbell, S.P., Gowatty, P.A., Finch, W. 2019-2021. Establishing a Leading Education and Research Program as Part of the Smithsonian Institution's Forest Global Earth Observatory Network.
\$600,000, 1/1/2019-12/31/2021, USDA NIFA Capacity Building Grant (*PI changed to D. Lemke after I moved to another institution*)
- Leite-Browning, M.L., Senwo, Z., Naka, K., Browning, R., Golson-Garner, K., Dimov, L.D. Potential for Building and Strengthening Capacity and Advancing the Quality of Teaching/Education, Research or Extension.
\$350,000, 1/1/2019-2/28/2022, USDA NIFA Capacity Building Grant.
- Dimov, L.D. 2017-2018. Forest restoration and management on TVA land.
\$9,800, Tennessee Valley Authority Contract
- Dimov, L.D. 2015-2018. Structure, Restoration, and Management of Mixed Pine-Hardwood Stands.
\$45,000, USDA Forest Service Cooperative Agreement
- Ward, K., Lawson, D., Naka, K., Stone, W.E., Tadesse, W., Dimov, L.D., Chen, X., Christian, C., Scott, D.A. 2011-2016. Cahaba River/Lake Purdy Watershed Education, Research and Outreach Initiative.
\$45,000 annually, USDA Forest Service Cooperative Agreement
- Dimov, L.D. Effect of organic matter manipulation on ground layer diversity in pine plantation 16 years after clearcutting.
\$8,551, 1/1/11-12/31/11, Weyerhaeuser Company
- Wang, Y., Dimov, L.D., Schweitzer, C.J., Tadesse, W. Subproject 1: Forest Community Responses and Dynamics.
\$1,546,702, 9/27/10-9/26/15, funded by the National Science Foundation. This grant is part of the following project:
Wang, Y., Tadesse, W., Senwo, Z., Schweitzer, C.J., Dimov, L.D., Soliman, K., Naka, K., Fraser, R., Mbila, M., Chen, X., Wagaw, M., Christian, C., Gyiawali, B., Nyakatawa, E., Moss, E., Ranatunga, T. Forest ecosystem assessment – Forest Community Responses and

Dynamics.

\$5,000,000, 9/27/10-9/26/15, funded by the National Science Foundation

- Dimov, L.D., Knoepp, J., Grace, J., Scott, D.A. 2010. Scientific basis for sustainable biomass harvesting in the southern United States.
\$62,500, 9/1/10-12/31/11, USDA Forest Service
- Cebert, E., Mays, D., Ward, R., Dimov L.D., Herring, J. Evaluation of Alternative Feedstock for Sustainable Biofuel Production in an Agroforestry System
\$316,200, 1/2008-9/2010, USDA CSREES
- Jose, S., Bannister, M., Miller, D.L., Adams, C.R., Cohen, M.J., Perez, H., Brown, M., Alavalapati, J., Kobziar, L., Dimov, L.D., Wang, Y., Onokpise, O.U., Lorenzo, A., Hubbard, M. Developing an interdisciplinary graduate program in ecological restoration.
\$500,000, 09/01/2007-8/30/2010. USDA CSREES
- Wang, Y., Senwo, Z., Taylor, R.W., Sharma, G., Schweitzer, C.J., Dimov, L.D., Tadesse, W., Stone, W., Ward, K., Ward, R., Naka, K., Fraser, R., Mbila, M., Kanteti, R. The Interaction of Fire Frequency and Stand Density Reduction on Plant Community Dynamics
\$5,000,000, 10/01/04 – 09/30/09, National Science Foundation, No. 0420541 (this grant was funded before I joined the AAMU faculty.)
- Dimov, L.D. Community Ecology and Silviculture of Southern Highland Hardwood Forests: Forest Dynamics, Spatial Patterns, Species Abundance and Diversity, Growth, and Development in Old-growth and Managed Stands
\$62,500, 07/01/06 – 05/30/2011, USDA Forest Service
- Clark, S.L., Schweitzer, C.J., Schlarbaum, S.E., Dimov, L.D. American chestnut (*Castanea dentata*) Restoration Research: a Genetic and Silvicultural Approach
\$5,510, 5/2006-11/2007, The American Chestnut Foundation
- Dimov, L.D., Naka, K. Landowner Alternatives - Performance of Medicinal Plants in a Sweetgum Understory and Evaluation of Sweetgum and Loblolly Pine Silvopasture Systems
\$15,000, 01/01/06 – 08/30/08. USDA National Agroforestry Center
- Wang, Y., Moss, E.M., Schweitzer, C.J., Stone, W.E., Mbila, M., Tadesse, W., Pacumbaba, R., Mentreddy, S.R., Senwo, Z., Dimov, L.D., Soliman, K., Kanteti, R., Ward, R., Cebert, E., Chen, X., Gardinski, J. Research Experience for Undergraduates (REU), Mentoring Future 21st Century Scientists in Environmental and Natural Resource Sciences
\$225,559, 7/1/2007 – 6/31/2010, National Science Foundation

Awards, Other Non-Research Grants

- Award: Best UVM Professor Award, 2025, by UVM Bored
- Award: UVM Office of Community Engaged Learning Outstanding New Service Learning Faculty Award, Apr 2023
- Nomination for the Kroepsch-Maurice Teaching Award, 2024
- UVM Outstanding Faculty Adviser nomination, March, 2023
- Recipient of the first “Best Teacher” award by the department’s Graduate Student Association in the Spring of 2016

- Bowser, G., Pastor, J., Dimov, L.D., Dyball, R. 2015. Earth Stewardship, an Ecological Society of America Centennial Project.
\$2,500, Ecological Society of America
- \$850 from the Ecological Society of America 2009 annual meeting travel grant, July 2009
- \$1,500 from the Ecological Society of America Award to serve as one of two faculty advisors for the 2008 SEEDS field trip for underrepresented students to the Harvard Forest LTER, Massachusetts, Oct 16-19, 2008
- \$1,000 from the Ecological Society of America to mentor diversity undergraduate students at the annual meeting, Milwaukee, WI, Aug 2-8, 2008
- \$21,500 from Toyota Motors and National Science Teachers Association: Plant Succession – Arboretum and Nature Trail at Columbia High School, Huntsville, AL. In association with Lynne Weninegar (a high school teacher and PI). Project period: February 23, 2007-May 3, 2008.
- \$1,032 from Society of American Foresters, Forester’s Fund to carryout outreach and education focused on high school science teachers. Through my position as Chair of the SAF Mountain Lakes Chapter and in cooperation with Dr. Stacy Clark, USDA Forest Service, Vice-Chair of the SAF Mountain Lakes Chapter. Event carried out March 2007

Select Presentations (*out of over 80*)

Dimov, L.D., Leite-Browning, M., Britton, R. 2017. Forestry field day for the Elk Valley Forestry Association. Alabama A&M University Research Station, Hazel Green, AL. 10/20/2017.

Dimov, L.D., Weninegar, L.L., Ojha, S.K., Briggs, W., Preyear, J., Jones, W. 2017. Differences in vascular richness near soft forest edges with contrasting orientation. 102nd Ecological Society of America Annual Meeting, Portland, OR August 6-11, 2017.

Briggs, W., Dimov, L.D., Scott, D.A., Naka, K., Lacouture, D., Ruark, G. 2016. Relative growth of loblolly pine clones planted in different spacing arrangements. Poster at the 2016 Society of American Foresters Annual Convention, Madison, WI, November 2016.

Ojha, S.K., Dimov, L.D. Effect of stand and site factors on above ground biomass growth in young natural forests. Presentation at the Society of American Foresters Annual Convention, Salt Lake City, UT, October 8-11, 2014.

Dimov, L.D. 2013. Needed modifications to the hundred-year old silvicultural treatments: managing for diverse and resilient forests. Presentation at the Ecological Society of America annual meeting, Minneapolis, MN, August 4-9, 2013.

Ojha, S.K., Dimov, L.D. 2013. Species characteristics and diversity-productivity relationships in young natural forests of the eastern United States. Presentation at the Ecological Society of America annual meeting, Minneapolis, MN, August 4-9, 2013.

Howard, K.J., Dimov, L.D., Leggett, Z.H., Sucre, E.B. Weninegar, L.L. 2012. Organic matter removal in loblolly pine (*Pinus taeda* L.) plantations increased ground layer diversity 16 years after treatment. Presentation at the 97th Ecological Society of America annual meeting, Portland, OR August 5-10, 2012.

- Dimov, L.D., Brown, G., Ward, K., Christian, C., Lawson, D. 2012. Increasing diversity in the field of forestry and forest ecology through academic support and job opportunities. Presentation at the 97th Ecological Society of America annual meeting, Portland, OR August 5-10, 2012.
- Anderson, B., Nyakatawa, E., Dimov, L.D. Changes in soil properties after removal of invasive species and burn. Poster at the 75th Soil Science Society of America, San Antonio, Texas, October 16-19, 2011.
- Patterson, C.T., Dimov, L.D. 2011. Effects of overstory density and fertilizer supplement on American chestnut seedlings: Preliminary results. Poster at the 96th Ecological Society of America annual meeting, Austin, TX August 7-12, 2011.
- Dimov, L.D., Virone, D.A., Schweitzer, C.J. 2011. Effect of silvicultural treatments on the ground layer vegetation in pine-hardwood stands in North Alabama. Presentation at the 72nd Annual Meeting of the Association of Southeastern Biologists, Huntsville, AL April 13-16, 2011.

Graduate Students, Postdocs, Interns, Undergraduate Research Assistants

1. Santosh Ojha, PhD. Diversity-productivity relationship in forests of the eastern US. Recipient of NSF-Alabama EPSCOR Fellowship. Fall 2010-Fall 2015
2. Jeanette Williams, MSc. Effect of high-intensity directed fire on invasive species. Fall 2009 – Fall 2011
3. Clinton Patterson, MSc. American chestnut restoration and ecology - response to overstory shade levels and fertilizer supplementation. Fall 2008 – Spring 2011
4. Szymanski Fields, MSc. Use of LiDAR to quantify forest characteristics, Fall 2008 – Spring 2011. I was a co-chair of this student's graduate advisory committee
5. Dana Virone, MSc. Herbaceous vegetation diversity, cover, and richness response to disturbance. Mar 2008– Dec 2010. Recipient of the Alabama Wildflower Society Dean Blanche Scholarship 2009
6. Joel Zak, MSc, Ground vegetation response to environmental conditions and silvicultural treatments on the Southern Cumberland Plateau, Alabama, June 2006 – May 2008. Recipient of the Alabama Wildflower Society Dean Blanche Scholarship 2007 and 2008.

Postdocs

- Ojha, S.K. 2018. Edge effect on vascular plant diversity.
- Chever Kellogg, 2011. Scientific basis for sustainable biomass harvesting in the southern United States.

Graduate Committees

A member of the graduate faculty at the University of Vermont since 2018, Alabama A&M University since 2005, University of Alabama in Huntsville 2007 - 2018, and an Affiliate Associate Professor at Auburn University since 2010-2018.

Graduate committee member for 12 students. Supervised 23 summer interns.

At AAMU, I have employed over 65 different undergraduate students on my research projects.

Reviewer for:

- Editorial Board member and reviewer, Society of American Forester Dictionary of Forestry. Subject areas: 1) silviculture and 2) utilization and engineering; 2014 – present
- Forest Science, 2008 – present
- Canadian Journal of Forest Research, 2016 - present
- Journal of Forestry, 2011 – present
- Forest Ecology and Management, 2004 – 2010
- Environmental Management, 2012 – present
- Wetlands, 2013 – present
- Southeastern Naturalist, 2011 – present
- Southern Journal of Applied Forestry, June 2006 – December 2013

Reviews for Funding Agencies and Professional Organizations

- Ad hoc reviewer, USDA Small Business Innovation Research (SBIR) program, November 2017-2018
- Panelist for the 2017 USDA NIFA Postdoctoral and Predoctoral Fellowship Program, October 2017
- Proposal panel member for the 2014 Ecology Panel of the National Science Foundation Graduate Research Fellowship Program (GRFP), December 2013 – January 2014.
- Reviewer of applications (30-50 per year) for travel awards from the Ecological Society of America, Applied Ecology Section, annually between 2006 - 2014
- Proposal panel member for the 2011 Ecology Panel of the National Science Foundation Graduate Research Fellowship Program (GRFP), National Harbor, Maryland, Feb 11, 2011 - Feb 13, 2011
- Reviewer of applications for the Ecological Society of America (ESA) SEEDS field trips in Spring 2010 and Fall 2010. The SEEDS program provides opportunities to underrepresented minorities
- Reviewer of the undergraduate applications for travel awards to the ESA Annual Meeting, April 2009
- Proposal panel member, USDA Managed Ecosystems Program, National Research Initiative (NRI). Cooperative State Research, Education and Extension Service (CSREES), Washington, DC, March 12-14, 2007 and March 17-20, 2008
- Ad hoc reviewer for proposals to the Division of Environmental Biology, National Science Foundation (NSF), August 2006 – present (7 completed assignments)
- Proposal panel member, Environmental Protection Agency (EPA) STAR Fellowships - Terrestrial Systems Ecology: Soils, Plants and Animals. Washington, DC, February 19-22, 2008

Professional Associations

- Society of American Foresters since 2000
- Forest Stewards Guild since 2023
- Forestry Honor Society (Xi Sigma Pi) since 2002
- Ecological Society of America since 2004
- Southern Hardwood Forestry Group 2000 - 2018
- Southeastern Hardwood Forestry Group 2005 - 2018
- American Association for the Advancement of Science since 2001
- Union of Concerned Scientists since 2005
- International Plant Propagator's Society (former member)

Leadership Positions, Committees, Service to Academic Institution and Community

At the University of Vermont, since 2018:

- Society of American Foresters Student Club, Faculty Co-Adviser, 2018 – present
- Timber Sports Club, Faculty Adviser, 2018 – 2022
- Educational & Research Technologies Committee (a University Faculty Senate Committee) – 2019-2022; 2025-present
- United Academics (faculty union) elections committee member, 2025-present
- Search Committee member, RSENr Dean search, 2024
- Search Committee member, RSENr School Lab Coordinator, 2022 and 2025
- Tree Campus USA Committee Member, 2018-2021
- IDEA Committee, 2021 – 2025
- University Diversity Council, 2021 – 2022
- University Ad hoc DEI Committee – 2021 – 2022
- Advisory Committee for Interim Dean, 2022
- Equity and Justice Community of Practice, 2018 – present
- Faculty Fellow for Community-Engaged Learning, 2020 – present
- Co-Chair, Search Committee for a School Forest Manager, 2022

Prior to 2018:

- Chair, Applied Ecology Section of the Ecological Society of America, 10/2017 – present
- Chair, Society of American Foresters Mountain Lakes Chapter, Alabama, three terms: 2006, 2014, and 2015
- Faculty Advisor, Ecological Society of America student SEEDS chapter at Alabama A&M University, May 2008 – Aug 2018
- Faculty Co-Advisor, Society of American Foresters Student Chapter, 2008 – 2014

- Faculty adviser/research mentor, USDA Forest Service/Alabama A&M University Forestry Program's one-month long Summer Apprenticeship Program for four years until 2018
- Proposal panel reviewer, Evans Allen Program, College of Agricultural, Life, and Natural Sciences, AAMU, Fall 2014
- Chair, Research Station Management Committee of Alabama A&M University, 2013-present
- Member of the Budget and Planning committee of Alabama A&M University, 2014 term
- Member of the Promotion and Tenure and Faculty Evaluation Process and Procedure Committee of Alabama A&M University, 2013 and 2014
- Vice-Chair, Applied Ecology Section, Ecological Society of America, August 2012-present
- Secretary, Applied Ecology Section, Ecological Society of America, August 2010-2012
- Greenhouse committee member, Department of Natural Resources and Environmental Sciences, Alabama A&M University 2008 - 2013
- Faculty Evaluation ad hoc committee, Aug 2008 – Aug 2009
- Liaison, Department of Natural Resources and Environmental Sciences and AAMU's Learning Resources Center (LRC), as well as the Forestry Ecology and Wildlife Program and LRC, 2005-present
- Tenure and Promotion Committee, College of Ag and Environmental Sciences, 2013/14, 2014/15
- Budget and Planning Committee, College of Ag and Environmental Sciences, 2014/15
- Quality Enhancement Program Committee, Alabama A&M University, 2014-2016
- Graduate Admissions Committee Member, Department of Biological and Environmental Sciences, AAMU, 2006-2015
- Resource Advisory Committee Member, The Land Trust of Huntsville and North Alabama, 2007-present
- Consulting for Wild South, an environmental group, on forest restoration – 2010 – 2018
- Chair, Southeastern Hardwood Forestry Group, Dec 1, 2007 – Dec 2009
- Chair, Communications Committee, Society of American Foresters Mountain lakes Chapter, January 2007-2014
- Vice-Chair, Southeastern Hardwood Forestry Group, April 2006-2007
- Member of the Advisory Group on Alternative Energy, Institutional Research, Planning and Sponsored Programs, Alabama Agricultural and Mechanical University, August 2006-present
- Mentor of underrepresented undergraduate students at 6 annual meetings, SEEDS Program of the Ecological Society of America
- Executive Committee Member, Alabama Division of the Southeastern Society of American Foresters, 2006 term
- Chair, Education Committee, Alabama Division of the Society of American Foresters, 2006-2008
- Websites Committee Member, Alabama Division of the Society of American Foresters, 2006
- North Alabama Invasive Plant Species Advisory Board member, 2006-2007

- Earth Day Forestry booth and led a Walk-in-the-Woods hike, Hayes Nature Preserve, Huntsville, AL, annually in April, 2005-2013, 2016
- Consulting and assistance to the Nature Conservancy and Wheeler Wildlife Refuge, Alabama, with Paint Rock River Restoration Project, 2007
- Walk-in-the-Woods, Educational short course for representatives from environmental groups and the interested public. Jackson County, Alabama. November 5, 2005.
- Core Steering Committee, Representative of Subproject 1, CREST: Center of Excellence in Forestry Ecosystem Assessment. 2004-2009. (National Science Foundation NSF-CA: HRD-0420541), 2005
- Budget and Planning Committee Member, CREST: Center of Excellence in Forestry Ecosystem Assessment. 2004-2009. (National Science Foundation NSF-CA: HRD-0420541), 2005
- Coordinator, Center for Forest Ecosystem Assessment summer retreat, 2005
- Data Sharing Committee Member in the National Science Foundation Funded Center for Forest Ecosystem Assessment, 2005
- President, International Cultural Center and International Student Association, Louisiana State University 2002 / 2003
- Board member, Louisiana State University Apartments Advisory Board – 2001 / 2002
- Vice-President, International Student Association, Louisiana State University, 2001 / 2002
- President of the Student Union, University of Forestry, Bulgaria – 1995 / 1996

Pre-2018 Search Committees at AAMU:

- Chair of the Search Committee for Forest Health and Fire Protection faculty, 12/2016-8/2018
- Department Chair, Biological and Environmental Sciences Department, Fall 2017
- AAMU Learning Resources Center (Library), search committee for a Metadata Librarian, 2014
- Member of the AAMU Library Collection Development Policy Committee since 2014
- Department Chair, Food and Animal Sciences Department, Fall 2013
- Department Chair, Biological and Environmental Sciences Department, Fall 2013
- Greenhouse Manager, Department of Natural Resources and Environmental Sciences, February 2008
- Assistant Dean and Head of Public and Information Services, Alabama A&M University Library, August 2007
- Forestry Extension and Outreach Faculty, Center for Forestry and Ecology, Alabama A&M University, May 2006
- Budget Analyst, Department of Natural Resources and Environmental Sciences, Alabama A&M University, 2005
- Administrative Assistant, Department of Natural Resources and Environmental Sciences, Alabama A&M University, 2005
- Manager of the International Cultural Center, Louisiana State University, 2003