

Carolyn A. Copenheaver
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Department of Forest Resources and Environmental Conservation
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A. EDUCATION

Ph.D. in Forest Resources, The Pennsylvania State University (2000)
M.S. in Forestry, University of Maine (1996)
B.S. in Biology, Juniata College (1993)

B. RESEARCH AND PROFESSIONAL EXPERIENCE

2000 – 2007 Assistant Professor, Virginia Tech
2007 – 2022 Associate Professor, Virginia Tech
2022 – present Professor, Virginia Tech

C. HONORS AND AWARDS

2021 – National Association of Colleges and Teachers of Agriculture Jack Everly Journal Award
2020 – Virginia Tech’s Alumni Award for Teaching Excellence
2020 – Virginia Tech’s Certificate of Teaching Excellence and College of Natural Resources and Environment Outstanding Teaching Award
2018 – Society of American Foresters Carl Alwin Schenck Award for Excellence in Forestry Education
2018 – Virginia Tech’s College of Natural Resources and Environment Diversity and Inclusion Award

D. TEACHING EXPERIENCE

Forest Ecology and Silvics (FREC 3314) 2000-present
Advanced Forest Ecology (FREC 5374) 2001-present

E. RECENT GRANTS

Copenheaver, C.A. and Fuhrman, N.E. (2023 to 2027). Partnering award-winning teachers and teachers with promise: Enhancing the disciplinary diversity of USDA Teaching Excellence Award winners. USDA NIFA TERA. \$500,000.
Fuhrman, N.E. and Copenheaver, C.A. (2022 to 2024). Youth Safe Space Program. USDA NIFA WAMS. \$100,000.
Copenheaver, C.A. and Fuhrman, N.E. (2019 to 2023). Recognizing and sharing excellence in teaching: An inclusive approach. USDA NIFA TERA. \$400,000.
Copenheaver, C.A., Coates, T.A., Downing, A.K., and van de Gevel, S.L. (2020 to 2022). Promoting professionalism in remote fieldwork. USDA NIFA HEC. \$30,000.
Copenheaver, C.A., Coates, T.A., Seiler, J.R., and Thompson-Marshall, J. (2018 to 2023). Next Generation Scholars. USDA NIFA MSP. \$164,000.

F. RECENT PEER-REVIEWED PUBLICATIONS

Sefidi, K., Copenheaver, C.A., Thom, D. and Felbermeier, B. 2023. Developing a structural complexity index for Oriental beech forests in northern Iran. *Forest Science* 69:683-688. doi: 10.1093/forsci/fxad043.

- Rojas-Badilla, M., LeQuesne, C., Rozas V., Gipoulou-Zúñiga, T., González-Reyes, Á., and Copenheaver, C.A. 2023. Species specific influence of hydroclimate on secondary growth of three co-existing conifers in a temperate Andean forest in south-central Chile. *Dendrochronologia* 80: 126113. doi: 10.1016/j.dendro.2023.126113.
- Copenheaver, C.A., van de Gevel, S.L., Downing, A.K., and Coates, T.A. 2023. Reducing the risk of sexual misconduct during field research with students. *Natural Areas Journal* 43:117-123. doi: 10.3375/0885-8608-43.2.117.
- Copenheaver, C.A., Peterson, J.A., Goldbeck DeBose, K., and Barney, J.N. 2023. Non-native plants observed in North America by 18th century naturalists. *Écoscience* 50:925-936. doi: 10.1007/s10745-022-00356-y.
- Copenheaver, C.A., Woosnam, K.M., and Fuhrman, N.E. 2023. Barriers and facilitating factors experienced by agriculture and natural resources university faculty members during the nomination process for teaching awards. *Natural Sciences Education* 52: e20093. doi: 10.1002/nse2.20093.
- Copenheaver, C.A., Chambers, C.P., Evans, A.L., Walker, D.M., Peterson, J.A., Byers, A., Garren, A.M., Hawks, B.S. and Howell, R. 2022. Historical and present-day mingling indices for five tree species in the eastern deciduous forest. *Human Ecology* doi:10.1007/s10745-022-00356-y.
- Christensen, N.D., Czuba, J.A., Triantafyllou, S., Copenheaver, C.A., Peterson, J.A., and Hession, W.C. 2022. Establishment and persistence of trees growing in the channel of an intermittent stream in a temperate, karst environment. *Water Resources Research* 58: e2021WR031528. doi: 10.1029/2021WR31528.
- Copenheaver, C.A., van de Gevel, S.L., Downing, A.K. and Coates, T.A. 2022. Reducing the risk of sexual misconduct at dendrochronology conferences and workshops. *Tree-Ring Research* 78:140-149. doi: 10.395/2022.1.
- Copenheaver, C.A. and Shumaker, K.L. 2022. Mentoring summer undergraduate researchers: The faculty members' experience. *Mentoring and Tutoring: Partnership in Learning* 30:202-215. doi:10.1080/13611267.2022.2057096.
- Sefidi, K., Copenheaver, C.A., and Sadegh, S.M.M. 2022. Anthropogenic pressures decrease structural complexity in Caucasian forests of Iran. *Écoscience* 29:199-209. doi: 10.1080/11956860.2021.2010333.
- Woosnam, K.M., Fuhrman, N., and Copenheaver, C.A. 2021. Valuation of teaching awards and teaching excellence: Perceptions of department heads and chairs. *NACTA Journal* 65:406-412.
- Copenheaver, C.A., Coates, T.A., Downing, A.K., and van de Gevel, S.L. 2021. Best instructional practices for outdoor laboratories: Reducing sexual harassment risk. *NACTA Journal* 65:322-327.
- Bethel, K., Fuhrman, N.E., Copenheaver, C.A., Hollandsworth, K.C. 2021. Winning an external teaching award in higher education: Teacher identity and recipient characteristics. *Journal of Agricultural Education* 62:201-216. doi: 10.5032/jae.2021.02201.
- Rubenstein, E.D., Copenheaver, C.A., and Peake, J.B. 2020. Improving forestry secondary education: Identifying teachers' needs. *Advancements in Agricultural Development* 1:81-94. doi: 10.37433/aad.v1i3.71.

- Sefidi, K. and Copenheaver, C.A. 2020. Tree-related microhabitats: A comparison of managed and unmanaged Oriental beech forests in northern Iran. *Forest Science* 66:747-753. doi: 10.1093/forsci/fxaa028.
- Collins, R.J., Copenheaver, C.A., Barney, J.N., Radtke, P.J. 2020. Using invasional meltdown theory to understand patterns of invasive richness and abundance in forests of the northeastern USA. *Natural Areas Journal* 40: 336-344. doi: 10.3375/043.040.0406.
- Copenheaver, C.A., Shumaker, K.L., Butcher, B.M., Hahn, G.E., Perkins, L.J., Dukes, C.J., Thompson, E.G., Pisaric, M.F.J. 2020. Dendroclimatology of sugar maple (*Acer saccharum*): Climate growth response in a late successional species. *Dendrochronologia* 63:125747. doi: 10.1016/j.dendro.2020.125747.
- Copenheaver, C.A. 2020. Rising expectations: Natural resources graduate-student authorship of publications. *Natural Sciences Education* 49:e20017.