

HEATHER P. GRISCOM

2025

PROFESSIONAL PREPARATION

- **Professor 2017 - present, James Madison University**; 2011-2017, Associate Professor, 2006-2011, Assistant Professor; **Associate Unit Head of Biology** (2022-present), Assistant Unit Head of Biology (2021).
- 2004-2006, Visiting Professor, Sweet Briar College, Sweet Briar, Virginia
- 2000-2004, Ph.D., Forest Ecology, 2004, School of Forestry and Environmental Studies, Yale University and The New York Botanical Garden, Ashton Lab.
- 1993-1997, B.A., Biology, Smith College, Northampton, MA

REFERRED JOURNAL ARTICLES ($N=35$) (** denotes collaborator was an undergraduate or graduate student* when work was performed)

- Starinchak, Bela Hale* and **Griscom, Heather**. 2024. Pastures as Natural Climate Solutions: A Socioecological Study of Tree Carbon and Beef Production Trade-Offs. *Agriculture, Ecosystems and the Environment*. 373. <https://doi.org/10.1016/j.agee.2024.109112>
- Zhu, B., Parsley, K. M., **Griscom, H. P.**, Wallace, L. E., Castellano, R., Gonzalez, R., ... McCartney, M. 2024. Connecting plant science education in undergraduate life science courses to plant awareness disparity, *Vision and Change*, and sustainability careers. *Journal of Biological Education*, 1–15. <https://doi.org/10.1080/00219266.2024.2386253>
- Portmann, J.M.*, Davenport G.H.***, Starinchak B.H.*, **Griscom, H.P.** 2024. A preliminary assessment of water quality in silvopastoral systems of Panama's dry tropical forest. *Neotropical Biology and Conservation*. 19(2).
- C. Brown*, **Griscom, H.** 2023. Assessing red spruce restoration potential under current and future predicted climate change in Virginia. *Restoration Ecology*. 31(8).
- Portmann*, J., Gillen*, S., Starinchak* B, **Griscom, H.** 2023. Case Study on Blacks Run: A Novel Approach to Assessing Urban Stream Restoration. *Urban Naturalist Notes*, Vol 10. Issue 6.
- H. Griscom**, Bergman Z**, Stark C**, Ingram C**. 2022. Response of Chestnut Hybrid Seedlings to Forest Management Strategies in an Appalachian Cove Forest Ecosystem. 10. *Trees, Forests, People*. <https://doi.org/10.1016/j.tfp.2022.100344>
- C. Brown*, **Griscom, H.** 2022. Differentiating between distribution and suitable habitat in ecological niche models: A red spruce (*Picea rubens*) case study. 472. *Ecological Modelling*. <https://doi.org/10.1016/j.ecolmodel.2022.110102>
- Peters, J.*, **H. Griscom**. 2022. Highlighting an overlooked hotspot for American ginseng (*Panax quinquefolius* L.) in Virginia. *Natural Areas Journal*. 42(2):109-119. <https://doi.org/10.3375/21-2>
- Evans, T.*, **H. Griscom**, H. 2021. Comparing the effects of four propagation methods on hybrid chestnut seedling quality. *Trees, Forests, and People*. 6. 1-9. <https://doi.org/10.1016/j.tfp.2021.100157>
- Peters, J.*, Schoen, S.*, Rhodes, M.*, **Griscom, H.** 2021. Up Smith Creek without a paddle: a case study on the barriers to stream restoration assessment. *Ecological Restoration*. 39. 151-155.
- H. Griscom**, 2020. The long-term effects of active management and landscape characteristics on carbon accumulation and diversity within a seasonal dry tropical ecosystem. *Forest Ecology and Management*. 473. <https://doi.org/10.1016/j.foreco.2020.118296>
- Cook-Patton, S., C., Leavitt, S.M. Gibbs, D., Harris, N.L., Lister, K., Anderson-Teixeria, K.J. Briggs, R.D., Chazdon, R.,L., Ellis, P.W., Crowther, T.W., **Griscom, H.P.**, . . . Griscom, B.W. 2020. Mapping potential carbon capture from global natural forest regrowth. *Nature*. 585. 545–550. <https://doi.org/10.1038/s41586-020-2686-x>

- Rogers, C.** , **H. Griscom**. 2019. The Ecology of a Rare Species, *Solanum conocarpum*, in St. John USVI. *Caribbean Naturalist*, 69: 1-12.
- Thyoff, E** , **Griscom, H.** 2019. Experimental Study of Soil and Aspect on American Ginseng in an Appalachian Cove Ecosystem. *Natural Areas Journal*. 39(3): 378-383.
- Horstman, E., Ayon, J., **Griscom, H.** 2018. Growth, Survival, Carbon Rates For Some Dry Tropical Forest Trees Used In Enrichment Planting in the Cerro Blanco Protected Forest on the Ecuadorian Coast. *Journal of Sustainable Forestry*. 37 (2): 82-96.
- Hartman, CJ, DeMars, C., **Griscom, H**, Butner, H. 2017. Assessment of Undergraduate Students' Environmental Stewardship Reasoning and Knowledge. *International Journal of Sustainability in Higher Education*. 18 (4): 492-502, doi: 10.1108/IJSHE-07-2015-0128
- Edgar, B.* , **H. Griscom**. 2017. The Effect of Controlled Burns on Abundance of Woody Species in Appalachian Pine-Oak Forests at Buck Mountain, West Virginia. *Natural Areas Journal*. 37 (1): 30-38.
- Griscom, H.**, B. Griscom, L. Siderhurst*. 2014 Spatial Dynamics of Canopy Trees in an Old Growth Eastern Hemlock Forest in the Central Appalachian Highlands. *Natural Areas Journal*. 34 (1): 99-104.
- Siderhurst*, L., **H. Griscom**, C. Kyger*, J. Stutzman*, B. Trumbo*. 2012. Tree Species Composition and Diversity and the Abundance of Exotics in Forest Fragments of the Shenandoah Valley, Virginia. *Castanea*. 77. 348-363.
- Griscom, H.**, B. Griscom. 2012. Evaluating the ecological niche of American chestnut for optimal hybrid seedling reintroduction sites in the Appalachian Ridge and Valley Province. *New Forests*. 43. 441-455.
- Maskiewicz, A., **Griscom, H.** & Welch, N. 2012. Using targeted active-learning exercises and diagnostic question clusters to improve students' understanding of carbon cycling in ecosystems. *Life Sciences Education*. *CBE*. 11. 58-67.
- Meister, K. M.S. Ashton, D. Craven, **H. Griscom**. 2012. Carbon dynamics of tropical forests. In M.S. Ashton, M.L. Tyrrell, D. Spalding & B. Gentry. (eds.), *Managing Forest Carbon in a Changing Climate*. Springer-Verlag, New York, NY.
- Griscom, H.P.**, A.B. Connelly, M.S. Ashton, M.H. Wishnie, J. Deago. 2011. The structure and composition of a tropical dry forest landscape after land clearance; Azuero Peninsula, Panama. *Journal of Sustainable Forestry*. 30: 756-774.
- Ashton, M.S., C.V.S. Gunatilleke, I.A.U.N. Gunatilleke, **H. Griscom**, P.S. Ashton and B.M.P. Singhakumara. 2011. The effect of shade on leaf structure and physiology of tree seedlings from a mixed dipterocarp forest. *Botanical Journal of the Linnean Society*. 167: 332-343.
- Griscom, B.G., **H.P. Griscom**. 2011. Species-Specific Barriers to Tree Regeneration in High Elevation Habitats of West Virginia. *Restoration Ecology*. 19. 660-670.
- Griscom, H.P.**, Ashton, M., 2011. Restoration of dry tropical forests in Central America: a review of pattern and process. *Forest Ecology and Management*. 261: 1564-1579
- Hurney, C, J. Brown, **H. Griscom**, E. Kancler. 2011. Closing the Loop: Involving Faculty in the Assessment of Scientific and Quantitative Reasoning Skills of Biology Majors. *Journal of College Science Teaching*. 40. 18-23.
- Siderhurst L.A.* , **Griscom H.P.**, Hudy M., Bortolot Z.J. 2010. Changes in light levels with loss of eastern hemlock (*Tsuga canadensis*) at a southern Appalachian headwater stream: implications for brook trout (*Salvelinus fontinalis*). *Forest Ecology and Management*. 260: 1677-1688.
- Griscom, H.P.**, B.W. Griscom, P.M.S. Ashton. 2009. Forest regeneration from pasture in the dry tropics of Panama: effects of cattle, exotic grass, and forested riparia. *Restoration Ecology*. 17: 117-126.
- Panditharathna, P. A. K. A. K., Singhakumara, B. M. P., **Griscom, H.P.**, M. S. Ashton. 2008. Change in leaf structure in relation to crown position and size class for tree species within a Sri Lankan tropical rain forest. *Botany-Botanique*. 86: 633-640.
- Griscom, H.P.**, E.K.V. Kalko, P.M.S. Ashton. 2007. Frugivory by small vertebrates within a deforested, dry tropical region of Central America. *Biotropica*. 39. 278-282.
- Tomohiro, S., M.S. Ashton, B. Singhakumara, **H. P. Griscom**, S. Ediriweera, B.W. Griscom. 2006. Effects of fire on the recruitment of rain forest vegetation beneath *Pinus caribaea* plantations, Sri Lanka. *Forest Ecology and Management*. 226. 357-363.

- Griscom, H.P.**, P.M.S. Ashton, G.P. Berlyn. 2005. Seedling survival and growth of three native species in pastures: implications for dry forest rehabilitation. *Forest Ecology and Management*. 218. 306-318.
- Labova, T.A., S.A. Mori, F. Blanchard, **H. Peckham**, P. Charles-Dominique. 2003. Cecropia as a food resource for bats in French Guiana and the significance of fruit structure in seed dispersal and longevity. *American Journal of Botany*. 90. 388-403.
- Simmons, N.A., R. Voss, **H. Peckham**, 2000. The bat fauna of the Saul region, French Guiana. *Acta Chiropterologica*. 2. 23-36.
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NON-REFERRED PUBLICATIONS

- Griscom, H.** 2004. Ph.D. Dissertation, Rehabilitation of a dry tropical forest ecosystem in a cattle pasture matrix on the Azuero Peninsula, Panama; Yale University.
- Peckham, H.** 2000. Dietary Overlap and Relative Abundance of Two Sympatric Bat Species in Central French Guiana. *TRI News*. 19. 32-35.

MANUSCRIPTS IN PROGRESS (* denotes collaborator was an undergraduate or master's student when work was performed)

Jagannathan**, L., N. Nausbaum**, D. Moseley, **Griscom, H.** A comparison of soundscapes between traditional and sustainably managed cattle pastures in temperate and tropical dry forest ecosystems. Submitted September 2024.

TEACHING

Assistant/Associate/Full Professor (2006-Present) James Madison University, Harrisonburg Virginia

- Majors courses include: *Ecology and Evolution* lecture and lab (120 students), *Forest Ecology* lecture and lab (20 students), *Tropical Ecology and Restoration* (12 students), *Restoration Ecology* (12 graduate students)

Visiting Professor (2004-2006), Department of Biology, Sweet Briar College, Virginia

- Majors courses include: *General Ecology*, *Field Natural History*, *Plant Biology*, *Physiological Plant Ecology*, *Introduction to Cells*, and *Introduction to Biology Lab*.
- Non-Majors Courses include: *Plant and Human Affairs*

EDUCATIONAL OUTREACH

- Co-organizer of Earth club and educational garden at Spotswood elementary school (2019-2020).
- Judged posters/presentations at the Association of Southeastern Biologists (2015, 2016, 2018).
- Judged at the local science fair at JMU, 2009, 2014, 2018.
- Interviewed on ginseng research (Breeze, 2014; DNR, 2014).
- Voices of Scholarship interview/video (2014). I gave a video interview on my undergraduate research program at JMU as part of an effort to publicize research within the biology department.
- NPR "With Good Reason" interview, Sarah McConnell (2014)
- I conducted workshop on Community/Ecosystem Ecology for CTA (Content Teachers Academy) (2014)
- Interviewed for the local radio station (WXJM) on science at JMU, 2009 and "With Good Reason (NPR) in 2014.
- Co-leader on a two day wildflower pilgrimage in West Virginia for enthusiastic naturalists (2009, 2010).
- Lead a forest ecology workshop for Virginia Master Naturalists, 2008, 2010.
- SCHEV Professional Development Workshop for Teachers. Inquiry Approaches to math and Science. Conducted professional development workshop for secondary education teachers on hands-on plant science in the classroom. Sweet Briar College, 2005-2009.

FUNDED GRANTS – post-dissertation (Total = \$160,00.00)

- **4VA Collaborative Research Initiation Award.** Riparian Buffer Restoration Within a Pastoral Matrix: Impacts on Soil Microbial Communities and Soil Carbon Sequestration; PI Griscom, Co-PI Seth McCullough (grad student); \$7000. 2023.
- **Pure Water Forum.** Riparian Buffer Restoration Within a Pastoral Matrix: Impacts on Soil Microbial Communities and Soil Carbon Sequestration; PI Griscom, Co-PI Seth McCullough (grad student); \$1000. 2023.
- **CSM Research Stimulus Program.** Riparian Buffer Restoration Within a Pastoral Matrix: Impacts on Soil Microbial Communities and Soil Carbon Sequestration; PI Griscom, Co-PI Seth McCullough (grad student); \$2500. 2023.
- **Cinquegrana Presidential Chair Award in Excellence in Teaching and Research.** Silvopastoral systems in Virginia and Panama. 2019-2022. \$40,000
- **Trees Virginia.** Chestnut propagation techniques. 2019-2021. Supported graduate research of Taylor Evans. \$1800
- **The American Chestnut Foundation.** Chestnut propagation techniques. 2019-2021. Supported graduate research of Taylor Evans. \$1500 (in addition to 400 hybrid chestnuts seeds)
- **ROOSA.** The long-term effect of different reforestation strategies on forest composition on Block Island, Rhode Island. Supported graduate research of Chris Coggin. 2018-2019. \$9000.
- **The American Chestnut Foundation.** Reintroduction of chestnuts into an Appalachian cove ecosystem. 2014-2016. \$1500 (in addition to 400 hybrid chestnuts seeds)
- **Jeffress Memorial Trust.** Shifting Competitive Hierarchy? Implications for Restoration of the American chestnut, *Castanea dentata*. Supplemental Grant 2011-2013. \$10,000.
- **USDA Forest Service,** Southern Research Station. Predicting the future forest underneath a dying eastern hemlock (*Tsuga canadensis*) stand in a headwater ecosystem. Implications for native brook trout (*Salvelinus fontinalis*) populations. Supplemental Grant, 2010-2011. \$10,000
- **Jeffress Memorial Trust.** Shifting Competitive Hierarchy? Implications for Restoration of the American chestnut, *Castanea dentata*. Supplemental Grant 2008-2009. \$10,000.
- **Jeffress Memorial Trust.** Shifting Competitive Hierarchy? Implications for Restoration of the American chestnut, *Castanea dentata*. 2007-2008. \$25,000.
- **USDA Forest Service,** Southern Research Station. Predicting the future forest underneath a dying eastern hemlock (*Tsuga canadensis*) stand in a headwater ecosystem. Implications for native brook trout (*Salvelinus fontinalis*) populations. A proposal to the Southern Research Station, USDA Forest Service 2007-2008. \$20,000.
- Summer Support For Undergraduate Research. James Madison University. 2008, 2013, 2016 \$8000
- **Faculty Assistance Summer Research Grant.** James Madison University. 2007, 2014. \$6000.
- **Seed Research Grant.** Sweet Briar College. 2006. \$1000

FUNDED DOCTORAL GRANTS & FELLOWSHIPS

- Supplemental **USDA Travel Grant.** 2002. \$10,000.
- **International Areas Studies** Scholarship, Yale University. 2002. \$6000.
- **Ecology and Evolutionary Biology Scholarship,** Yale University. 2002. \$3000.
- **T. Roosevelt Memorial Fund Scholarship,** American Museum of Natural History. 2002. \$2000.
- **Bat Conservation International Scholarship,** Bat Conservation International (BCI). 2002. \$2000.
- **Tropical Research Institute Scholarship,** Yale University. 2001. \$3000.
- **G. Evelyn Hutchinson Fellowship,** Yale University. 2001. \$5000.
- **USDA Fellowship** in joint degree Ph.D. program with Yale and NYBG. 2000-2003. \$68,000. University Fellowship Yale Graduate School of Arts and Sciences. 2000-2004.

RESEARCH MENTORING (n = 57)

Undergraduate faculty research supervisor (2006-present)

1. Megan Lively (Academic Year 2006-2008); Successional dynamics of old growth hemlock forests.
2. Annie Raup (Academic Year 2006-2008); American chestnut research in the greenhouse.
3. Devon Flaherty (Academic Year 2008-2010); Restoration plan at the JMU Farm.
4. Carly Ferro (Academic Year 2009-2010); Restoration plan at the JMU Farm.
5. Hunter Bedard (Summer 2008, Academic Year 2008-2009); Successional dynamics of old growth hemlock forests in West Virginia.
6. Andrew Buijs (Summer 2008, Academic Year 2008-2009); Successional dynamics of old growth hemlock forests. Carly Ferro (Academic Year 2009); JMU Farm restoration plan.
7. Beth Napoda (Academic Year 2008-2009); Chestnut greenhouse data and extensively used her statistical knowledge.
8. Wesley Bailey (Academic Year 2009-2010); National study on tree phenology and climate change.
9. Michael Belovich (Academic Year 2009-2011); Chestnut seedlings in the field and in the greenhouse.
10. Allison Scire (Academic Year 2009-2011); Chestnut project.
11. Lauren Hurst (Academic Year 2010-2011); Intersection of agriculture & forests in the Shenandoah valley.
12. Taylor Evans (Academic Year 2011-2013); Natural regeneration under dying hemlocks.
Honor's thesis.
13. Jessie Ward (Academic Year 2012-2013). Data collection on chestnut seedlings in the field.
Botany award recipient.
14. Katherine O'Donnell (Academic Year 2012-2013). Data collection on chestnut seedlings in the field
15. Emily Thyroff (Academic Year 2012-2015). Ginseng restoration project. **Honor's thesis. JMU Hillcrest scholarship recipient. Outstanding Senior in Biology award.**
16. Olivia Vito (Academic Year 2013-2015). Data collection on chestnut seedlings in the field
17. Ben Pisano (Academic Year 2014-2015). Data collection on chestnut seedlings in the field
18. Anna Nordseth (Academic Year 2014-2017). Shade grown coffee experiments. **Honor's thesis. JMU Hillcrest and National Udall scholarship recipient. Outstanding Senior in Biology award.**
19. Megan Budnik (Academic Year 2014-2016). Restoration chestnuts 1.0 in West Virginia
20. Andrew Sharp (Academic Year 2015-2016). Restoration chestnuts 1.0 in West Virginia
21. Matthew Morrissey (Academic Year 2015-2016). Data collection on chestnut seedlings in the field
22. Chris Coggin (Academic Year 2015-2016). Data collection on chestnut seedlings in the field
23. Guy Stewart (Academic Year 2015-2016). Data collection on chestnut seedlings in the field
24. Ashley Warrington (Academic Year 2015-2017). Ginseng restoration project. **Botany award recipient.**
25. Abigail Goszka (Academic Year 2015-2016). Ginseng restoration project.
26. Charles Holmes (Academic Year 2016-2017). Mycorrhizae and Ginseng
27. Cecilia Rogers (Academic Year 2016-2018). Conservation of an endangered, endemic plant species. **Honor's thesis. Hillcrest recipient. Botany award recipient. Margaret Gordon recipient.**
28. Zoe Bergman. (Academic Year 2017-2019). Data collection on chestnut seedlings in the field
29. Cassie Stark. (Academic Year 2017-2019). Data collection on chestnut seedlings in the field
30. Brooke Thompson. (Academic Year 2016-2018). Ginseng restoration project.
31. Amanda Leonard. (Academic Year 2017-2018). Ginseng restoration project.
32. Cindy Ingram (Academic Year 2018-2019). Data collection on chestnut seedlings in the field
33. Jackson Szott (Academic Year 2019-2021). Data collection on Stream Restoration Project
34. Yusuf Aboutabl (Academic Year 2019-2020). Data collection on Stream Restoration Project
35. Emilie Fowler (Academic Year 2020-2022). Ginseng restoration project in the Arboretum.

36. Abigail Culverhouse (Academic Year 2020-2021). Monarchs and milkweed garden experiment.
37. Samantha Bergman (Academic Year 2020). Monarchs and milkweed garden experiment.
38. Nik Vargas (Academic Year 2020-2022). Data collection on stream restoration project
39. Michael Carlo (Academic Year 2019-2023). Data collection on stream restoration project
40. Chris Benhur (Academic Year 2020-2021). Data collection on stream restoration project
41. Jacob Dragovich (Academic Year 2021-2022): Tree carbon in silvopastoral systems
42. Jackie Kossey (Academic Year 2021-2023): Data collection on stream restoration project
43. Aspen Lovejoy. Trelawny student. (Academic Year 2021-2023): Data collection on stream restoration project
44. Lisa Jagannathan (Academic Year 2021-2023): Soundscapes in silvopastoral systems.
45. Nina Ravel Academic Year 2022-2024): Data collection on stream restoration project
46. Celeste Blakenship Academic Year 2022-2024): Data collection on stream restoration project
47. Abigail Shelhorse, FYRE program. Academic Year 2022-2023. Monarchs and milkweed garden experiment.
48. Evan Poindexter. FYRE program. Academic Year 2023-2024. Monarchs and milkweed garden experiment.
49. Ereik Valesky. Academic Year 2023-2024: Tree seedling data collection and comparison of two stream restoration projects.
50. Acadia Conboy. Trelawny student Academic Year 2023-2024. Research student AY24-25. Tree seedling data collection and comparison of two stream restoration projects.
51. Lauren Witmer. Academic Year 2023-2025: Tree seedling data collection and comparison of two stream restoration projects.
52. Ireland Lewis. Academic Year 2023-2025: Tree seedling data collection and comparison of two stream restoration projects.
53. Martina Sumiec. Academic Year 2023-2025: Tree seedling data collection and comparison of two stream restoration projects.
54. Erin Naman. Academic Year 2023-2025: Tree seedling data collection and comparison of two stream restoration projects.
55. Kelly Depiro. Academic Year 2024-2025: Tree seedling data collection and comparison of two stream restoration projects.
56. Ryan Boyce. Academic Year 2024-2025: Tree seedling data collection and comparison of two stream restoration projects
57. Jack Feinstein. Academic Year 2024-2025: Tree seedling data collection and comparison of two stream restoration projects

Graduate Student Mentoring (n = 30)

1. Leigh Siderhurst, JMU, Biology, M.S. 2010 (**chair**)
2. Brad Trumbo, JMU, Biology, M.S. 2010 (committee member)
3. Chas Kyser, M.S. 2010 (committee member)
4. Julia Stutzman, M.S. 2010 (committee member)
5. Jennifer Courtwright, M.S. 2011 (committee member)
6. Brinton Domangue, M.S. 2011 (committee member)
7. Jamie Smith, M.S. 2014 (committee member)
8. Barry Edgar, M.S. 2013-2015 (**chair**)
9. Katelyn Walters, M.S., 2014-2016 (**chair**)
10. Kelly Livernoach, M.S. 2015-2017 (**chair**)
11. Suzanne Allison, M.S. 2014-2016 (committee member)
12. Matthew Harris, M.S. 2016-2018 (**co-chair**)
13. Emily Murray, M.S. 2016-2018 (**co-chair**)
14. Chris Coggin, M.S. 2017-2019 (**chair**)
15. Tyler Kovacs, M.S. 2017-2019 (**chair**)
16. Warner Lowry 2017-2019 (committee member)
17. Melissa Encinias 2017-2019 (committee member)
18. Morgan Hussey 2018-2020 (committee member)
19. Jacob Peters 2018-2020 (**chair**)

20. Taylor Evans 2019-2021 (**chair**)
21. Sarah Brown 2019-2021 (committee member)
22. Shannon Eppert 2019-2021 (committee member)
23. Christian Brown 2020-2022 (**chair**)
24. Julia Portman 2020-2022 (committee member)
25. Bela Starinchak 2021-2023 (**chair**)
26. Christina Hendrikson 2021-2024 (committee member)
27. Alondra Medina 2021-2023 (committee member)
28. Seth McCullough 2022-2024 (**chair**)
29. Montana Hill 2022-2024 (committee member)
30. Eriberto Osario. 2023-2025 (committee member)

JOURNAL REFEREE ACTIVITY

Biotropica, Forest Ecology and Management, Journal of Sustainable Forestry (on editorial board), Ecological Applications, Journal of Tropical Ecology, New Forests, Revista de Biología Tropical, Urban Forestry and Urban Greening, Restoration Ecology, Hydrobiologia, NSF proposals

PAPERS PRESENTED AND INVITED SEMINARS (since 2007), excluding undergraduate and graduate student led presentations (n = 25)

- Griscom, H.** Starinchak**, H. Silvopastoral systems in Panama. Association of Tropical Biology and Conservation (ATBC, Colombia). July 2022. Poster session.
- Griscom, H.** **EEB revision.** Association of Southeastern Biologists (ASB, Memphis). April 2019. Presentation.
- Griscom, H.** Resilience of a dry tropical forest. James Madison University. April 2018. Invited speaker for a seminar series
- Griscom, H.** Resilience of a dry tropical forest. Purdue University. November 2017. Invited speaker for a seminar series.
- Griscom, H.** Experimental trials with American Ginseng. **Blandy Farm Seminar.** June 2016. Invited speaker for a seminar series.
- Griscom, H., Ludwig, P.** Nuts and bolts of a curriculum revision. **Association of Southeastern Biologists (ASB).** March 2016. Poster session.
- Griscom, H., Cresawn, K, Ludwig, L.** Using DQCs to evaluate student retention of central biological concepts through a sequence of introductory biology courses. **Ecological Society of America (ESA).** Conference, Portland, Oregon. August, 2012. Poster session.
- Griscom, H., Cresawn, K, Ludwig, L.** Using DQCs to evaluate student retention of central biological concepts through a sequence of introductory biology courses. **Ecological Society of America (ESA).** Conference, Portland, Oregon. August, 2012. Poster session.
- Griscom, H.** Reintroduction of the American Chestnut. **Shenandoah University.** Invited speaker for a seminar series. October 2010
- Griscom, H., Ashton, M.A.** Restoration of dry tropical forests in Central America. **Association of Tropical Biology and Conservation (ATBC).** July, 2010. Conference, Bali, Indonesia. Invited speaker in an organized session.
- Maskiewicz, A., **Griscom, H., Welch, N.** Where's the Carbon? Increasing Public Understanding of Global Warming with Improved College Science Education. **Ecological Society of America (ESA).** Conference, Pittsburgh, Pennsylvania. August, 2010. Invited speaker in an organized session.
- Griscom, H.** Niche differentiation of *Castanea dentata* (American chestnut), *Castanea* hybrids, and other native tree species in Virginia. **Association of Southern Biologists.** April, 2010. Conference, Asheville, North Carolina. Presentation.
- Griscom, H.** Restoration work in Virginia. Invited speaker for the **Virginia Native Plant Society.** February 2010.

- Griscom, H.** Shifting Competitive Hierarchy? Implications for Restoration of the American chestnut, *Castanea dentata*. Invited Speaker for the UVA Ecology Seminar. November 2009
- Griscom, H.** Restoration of the American Chestnut. Invited keynote speaker for the annual meeting of the **American Chestnut Foundation**. October 2009.
- Hartley, L., C. Anderson, B. Wilke, C. D'Avanzo, B. Abraham, A. Dickman, **H. Griscom**, A. Maskiewicz, C. Picone. Student Reasoning Related to Matter and Energy Flow through Ecosystems: Lessons from Diagnostic Question Clusters. **Ecological Society of America (ESA)**. Conference, Albuquerque, New Mexico. August, 2009. Poster Session.
- Griscom, H.**, A. Maskiewicz, N. Welch. Using DQCs and active learning strategies to assess ecology students' alternative conceptions about carbon cycling in ecosystems. **Ecological Society of America (ESA)**. Conference, Albuquerque, New Mexico. August, 2009. Poster Session.
- Griscom, H.**, B. Napoda*. **Ecological Society of America (ESA)**. Shifting Competitive Hierarchy? Implications for Restoration of the American chestnut, *Castanea dentata*. Conference, Albuquerque, New Mexico. August, 2009. Presentation
- Griscom, H.** Restoration of the American Chestnut. July, 2009. **Blandy Farm Research Seminar**.
- Griscom, H.**, H. Kraenzle, Z. Bortolot. Mapping the current and potential distribution of red spruce (*Picea rubens*) in Virginia: Implications for the restoration of degraded high elevation habitat. Ecology and Management of High-Elevation Forests of the Central and Southern Appalachian Mountains. Conference, Slatyfork, WV. May, 2009. Poster session.
- Griscom, H.P.**, B.G. Griscom, L. Siderhurst**, M.S. Ashton. Spatial Dynamics of Canopy Trees in an Old Growth Hemlock Forest in the Central Appalachian Highlands. **Association of Southern Biologists**. April, 2009. Conference, Birmingham, Alabama. Presentation.
- Griscom, H.P.** B.W. Griscom. The restoration of a degraded forested habitat in the high elevation forests of West Virginia. Ecological Society of America (ESA). Conference, Milwaukee. August, 2008. Poster Session.
- Griscom, H.P.**, H. Kraenzle. Red Spruce Forests and Climate Change. Virginia Association of Forest Health Professionals. Conference, Charlottesville, VA, 2008. Invited Speaker.
- Griscom, H.P.** Restoration of Tropical and Temperate Forests. WEBS (Women Evolving Biological Sciences). Symposium, Seattle Washington. 2007. Invited participant.

* Undergraduate student

** Graduate student

PROFESSIONAL MEMBERSHIPS

ESA (Ecological Society of America), **ASB** (Association of Southeastern Biologists), **SEB** (Society of Economic Botany), **NAJ** (Natural Areas Journal)