

CHRISTOPHER R. WEBSTER

*School of Forest Resources & Environmental Science
1400 Townsend Drive; Houghton, MI 49931-1295
Phone: (906) 487-3618; Email: cwebster@mtu.edu*

EDUCATION

University of Wisconsin, Madison, WI

PhD Forestry, August 2002 (G.P.A. 3.92/4.00)

Minor: Quantitative Ecology

Purdue University, West Lafayette, IN

MS Forest Science, December 1997 (G.P.A. 4.00/4.00)

BS (with highest distinction) Wildlife Science, May 1994 (G.P.A. 3.92/4.00)

Academic Honors

Gamma Sigma Delta (Biology Honor Society); Raftery Award (Wildlife Leadership Award); School of Forestry and Natural Resources Outstanding Freshman, Sophomore, and Junior; Phi Eta Sigma (Freshman Honor Society); Alpha Lambda Delta (Freshman Honor Society); Xi Sigma Pi (Forestry Honor Society); Golden Key National Honor Society; Phi Kappa Phi Honor Society

AWARDS

- Provost's Award for Sustained Teaching Excellence, Michigan Technological University, 2020
- Distinguished Teaching Award Finalist, Michigan Technological University, 2018.
- Distinguished Teaching Award Finalist, Michigan Technological University, 2017.
- Nominee: Outstanding Graduate Mentor, Michigan Technological University, 2012.
- Academy of Teaching Excellence Inductee, Michigan Technological University, 2009.
- Distinguished Teaching Award Finalist, Michigan Technological University, 2009.
- Graduate Dean's Award for Student Mentoring, Michigan Technological University, 2007.

WORK EXPERIENCE

8/12-present **Professor: Quantitative Ecology and Forest Management**

Michigan Technological University (MTU), MI.

8/08-7/12 **Associate Professor: Quantitative Ecology and Forest Management**

Michigan Technological University (MTU), MI.

8/02-7/08 **Assistant Professor: Quantitative Ecology and Forest Management**

Michigan Technological University (MTU), MI.

9/98 to 8/02 **Research Assistant:** University of Wisconsin, Madison, WI.

- Advisor:** Dr. Craig G. Lorimer
 1/96 to 12/97 **Research Assistant:** Purdue University, West Lafayette, IN.
Advisor: Dr. George R. Parker
 8/95 to 11/95 **Land Condition Trend Analysis Technician:** USM, Hattiesburg, MS.
 10/94 to 6/95 **Peace Corps, Volunteer Wildlife Biologist:** Kodarawa, Niger, West Africa.
 5/93 to 8/94 **Forestry and Wildlife Technician:** Purdue University, West Lafayette, IN

Teaching Experience

- 8/08 to pres. **Professor**
 School of Forest Resources and Environmental Science, MTU
My currently teaching role includes: Vegetation of North America (FW2010; 4 cr.), Conservation of Nature (FW2030; 3 cr.), Plant Community Ecology (FW5135; 3 cr.; alt. years), and Woody Plants of North America (FW5020; 2 cr.) during the academic year and Multi-Resource Assessment (FW3190; 3 cr.) during summer session. I have also co-taught Restoration Ecology (FW5115; 3 cr.).
- 8/11 to 12/12 **Academic Coordinator, Integrated Field Practicum**
 School of Forest Resources and Environmental Science, MTU
The Integrated Field Practicum (IFP) is a full semester, junior-level, intensive, field-based educational experience taken by all of the undergraduate majors in the School of Forest Resources and Environmental Science. There is also an IFP program tract for Masters of Forestry and Masters International (Peace Corps) students. In addition to teaching a core class, as coordinator, I was responsible for logistics, supervising Teaching and Residential Assistants, scheduling, and implantation and administration of integrated final student projects (mini-capstone experience). I also chaired a student advisory committee and served as a liaison with Student Residential Services, the Ford Forestry Center, and other units on campus as necessary.
- 8/08 to 7/12 **Associate Professor**
 School of Forest Resources and Environmental Science, MTU
Teaching role: Multi-Resource Assessment (FW3190; 3 cr.) and Plant Community Ecology (FW5135; 2 cr.) and co-teach Restoration Ecology (FW5115; 3 cr.). I have also taught Integrated Resource Assessment (FW4810) and Silviculture (FW3010; 4 cr.).
- 6/27/11 **Instructor: ED 5630 Forest Ecology & Resources Teacher Institute**
 Michigan Technological University
- 5/10-13 **Instructor: USDA Forest Service National Advanced Silviculture Program (NASP): Ecological Systems**
 School of Forest Resources and Environmental Science, MTU
- 3/09 and 2-3/10 **Instructor: Michigan Tech Future Fuels from Forests High School Field Trips.** Taught 4 session in 2009 and 5 in 2010 on how trees grow and sustainability and biodiversity issues in forests managed for bioenergy production.
- 8/02 to 7/08 **Assistant Professor**
 School of Forest Resources and Environmental Science, MTU
As an assistant professor, I taught Integrated Resource Assessment (FW4810; 4 cr.) and co-taught Wildlife Ecology (FW4610; 3 cr.) and Restoration Ecology (FW5115; 3 cr.). I also taught Natural Resources Seminar (FW1050; 1 cr.).

- 7/08 and 7/09 **Instructor: Future Fuels from Forests: An Investigation into the Sustainability of Biofuels Production.** Summer Teacher Institute, MTU.
- 5/09 **Co-director and Instructor: USDA Forest Service National Advanced Silviculture Program (NASP): Great Lakes Silviculture**
School of Forest Resources and Environmental Science, MTU
- 5/08 **Co-director and Instructor: USDA Forest Service National Advanced Silviculture Program (NASP): Ecological Systems**
School of Forest Resources and Environmental Science, MTU
- 5/07 **Co-director and Instructor: USDA Forest Service National Advanced Silviculture Program (NASP): Ecological Systems**
School of Forest Resources and Environmental Science, MTU
- 5/06 **Instructor: USDA Forest Service Program of Advanced Studies in Silviculture (PASS)**
School of Forest Resources and Environmental Science, MTU
- 7/05 **Instructor: USDA Forest Service PASS**
School of Forest Resources and Environmental Science, MTU
- 7/03 **Instructor: USDA Forest Service PASS**
School of Forest Resources and Environmental Science, MTU
- 5/02 to 6/02 **Teaching Assistant: Forestry Summer Camp**
Department of Forest Ecology and Management, University of Wisconsin-Madison.
- 5/97 and 5/98 **Teaching Assistant-- Forestry Summer Camp**
Department of Forestry and Natural Resources, Purdue University.
- 1991 to 1993 **Teaching Assistant (Biology 108 and 109)**
Department of Biological Sciences, Purdue University.

Service

UNIVERSITY

1. Tech Forward IDEA Hub, First Year Team. 2019 – pres.
2. Student Retention Predictive Analytics Working Group. 2019 – pres.
3. Honors and Awards Committee 2019 – pres.
4. Assessment Council. Spring 2019.
5. C2E2 Review Committee 2018 – pres.
6. SURF proposal reviewer 2019.
7. Sustainability Science Degree Advisory Committee 2017 – pres.
8. Early Career Mentoring Committee, Chair/external advocate. 2017-2018.
9. Graduate Dean Search Committee, Spring 2016
10. Guest lecture on responsible publishing and peer-review in UN0500 Responsible Conduct of Research, September 23, 2014.
11. Graduate Dean Review Committee, Spring 2014.
12. Interschool Promotion and Tenure Committee, MTU, 2010 – 2012, 2018-2019.
13. Research Advisory Council, 2010 - pres.
14. MTU Energy Advisory Group, Associate Member. (standing committee)
15. Faculty host for the Leading Scholar Award Program (December 6, 2010)
16. Strategic Hiring Initiative: Computational Discovery and Innovation (2009). Cognate

reviewer.

17. Poster judge: 2008 Graduate Student Council Research Symposium.
18. Strategic Hiring Initiative: Sustainability (2008); Energy (2010). Cognate reviewer.
19. Thesis and Dissertation Policy Committee (2007 to 2009)
20. Dual Career Couple Task Force (09/2006-01/2007)

COLLEGE (FORMERLY SCHOOL) OF FOREST RESOURCES AND ENVIRONMENTAL SCIENCE

21. Seminar Committee 2018-pres.
22. Wildlife Ecology faculty search committee (2020)
23. SFRES Dean search committee (2017-2018)
24. Wildlife Science faculty search committee (2017)
25. Remote Sensing faculty search committee (2016)
26. Tenure Promotion and Review Committee. Fall 2014 – 2017, 2019 – pres., Chair 2015-2017.
27. School Council Representative—full professors. 2014-2015.
28. Convener Advisory Board Forestry Breakout Session. March 28, 2014.
29. Ecosystem Science Center 2011 research proposal review panel member (School of Forest Resources and Environmental Science, MTU; n = 12)
30. Poster Judge: 2010 ESC Graduate Research Forum.
31. Committee Chair, Wildlife Search Committee (Fall 2008- Winter 2009; School of Forest Resources and Environmental Science, MTU)
32. Graduate Studies Committee (2007-2010)
 - a. Committee Chair (08/2009-08/2010)
33. Ford Center Research Forest Management Committee (2003-2014, 2016 to pres.)
34. Curriculum Committee (08/2003-08/2006 & 08/2008-8/2011; School of Forest Resources and Environmental Science, MTU)
 - a. Committee Chair (08/2005-08/2006 & 8/2010-8/2011)
35. Served on 4 faculty search committees (School of Forest Resources and Environmental Science, MTU)
36. Committee member for 35 Master of Science students
37. Committee member for 13 Ph.D. students
38. Advisor for 2 National Science Foundation Research Experience for Undergraduate students.
39. Advisor for 2 (1 advisee, 1 co-advisee) Summer Undergraduate Research Fellowship students

NATIONAL AND INTERNATIONAL

1. Jenkins, M.A., **C.R. Webster** (moderator), B.D. Murray. 2019. Co-organizer: Saving the Critical Pieces: Maintaining the Resilience and Function of Forests in the Face of Change. Organized Oral Session, Ecological Society of America Annual Meeting, Louisville, KY, 15 August, 2019.
2. **Webster, C.R.** and Y.L. Dickinson. 2017. Co-organizer Special Session: Seeing the forest through the understory: promoting and maintaining diversity in contemporary hardwood forests. North American Forest Ecology Workshop (NAFEW) 18-22 June in Edmonton, Canada.
3. **Webster, C.R.**, R. Winkler. 2016. Co-organizer: Arts & Conservation: Artists Critiques

- of Socio-Ecological Relationships (Panel). 22nd International Symposium on Society and Resource Management, Houghton, Michigan, 23 June, 2016.
4. Associate Editor: *Forest Science* (2015 to pres.).
 5. Guest associate editor for a special issue of *Forest Science* resulting from the 2013 North American Forest Ecology Workshop.
 6. Co-organizer (with Dr. Mike Jenkins) of an *accepted* symposium 2013 North American Forest Ecology Workshop (<http://nafew.org/>), "Beyond overabundance: the complex role of ungulates in forest ecosystems". June 16 - June 20, 2013, Bloomington, Indiana.
 7. Co-organizer (with D.J. Flaspohler and R.E. Froese) of a symposium at the 2012 International Union of Forest Research Organizations (IUFRO) annual meeting on forest biodiversity and bioenergy. IUFRO Section 8 meeting in Cork, Ireland, Aug. 2012.
 8. Co-organizer (with D.J. Flaspohler and C. Meine) of a symposium at the 2008 Society for Conservation Biology annual meeting entitled: "Biofuels and biodiversity: an assessment of potential effects on species and ecosystems." Chattanooga, TN, July 15, 2008.
 9. Featured guest on Timber Talk radio show (Timbertalk.com), March 6, 2007 (topic: invasive woody plants)
 10. Invited review of the *Acer platanoides* species profile for the Global Invasive Species Database compiled by the Invasive Species Specialist Group, which is part of the Species Survival Commission of the IUCN - The World Conservation Union.
 11. Ad hoc proposal reviewer for the DOE funded National Institute for Climatic Change Research.
 12. Ad hoc proposal reviewer for the Austrian Science Fund (n = 3).
 13. Ad hoc proposal reviewer for the National Science Foundation (n = 4).
 14. Ad hoc proposal reviewer for the Ohio Agricultural Research and Development Center's SEEDS: Research Enhancement Competitive Grants Program (n = 1).
 15. Research representative on the Regional Silvicultural Certification Team for a Silviculturalist on the Chequamegon-Nicolet National Forest.
 16. I have given and/or co-authored 16 invited talks at professional meetings and university and agency seminar series.
 17. I have co-authored 3 invited peer-reviewed book chapters and a non-technical publication on the control of invasive species:
 - **Webster, C.R.**, M.A. Jenkins, and S. Jose. 2007. Invasion biology and control of invasive woody plants in eastern forests. *Native Plants Journal* 8(2): 97-106. (invited)
 18. Journal reviewer (*I've reviewed manuscripts for over 36 peer-reviewed scientific journals as well as various peer-reviewed proceedings.*)
 - a. American Midland Naturalist
 - b. Annals of Forest Science
 - c. Arid Land Research and Management
 - d. Biological Conservation
 - e. Biological Invasions
 - f. Canadian Journal of Forest Research
 - g. Condor
 - h. Ecology
 - i. Ecological Applications
 - j. Ecosphere
 - k. Ecosystems
 - l. Forest Ecology and Management
 - m. Forest Science

- n. Forests
- o. Forestry
- p. International Journal of Plant Sciences
- q. Invasive Plant Science and Management
- r. Journal of Ecology
- s. Journal of Forestry
- t. Journal of the Torrey Botanical Society
- u. Journal of Vegetation Science
- v. Kentucky Academy of Science
- w. Natural Areas Journal
- x. New Forests
- y. Northern Journal of Applied Forestry
- z. Northeastern Naturalist
- aa. Oecologia
- bb. Oikos
- cc. PeerJ
- dd. Plant and Soil
- ee. PLoS One
- ff. Proceedings of the 2005 Central Hardwoods Conference
- gg. Proceedings of the Indiana Academy of Science
- hh. Restoration Ecology
- ii. Southern Journal of Applied Forestry
- jj. Tree Physiology
- kk. Trees Structure and Function
- ll. Urban Forestry and Urban Greening
- mm. Wildlife Research

Professional Memberships

Current: Ecological Society of America; Society of American Foresters; Torrey Botanical Society

Past: Association of Southeastern Biologists, Botanical Society of America, Forest Guild, Indiana Academy of Science, Natural Areas Association, Society for Ecological Restoration, Wildlife Society

Graduate Students

(Supervised as primary advisor unless otherwise noted)

DEGREES AWARDED (7 PHD, 10 MS):

PHD

1. **Grace Parikh** (2019), Dissertation: *Spatiotemporal variability in winter severity: consequences for white-tailed deer populations and habitat sustainability* (co-advisor). (Currently research associate with the IRNP Wolf-Moose Project)
2. **Colin C. Phifer** (2017) Dissertation: *Impacts to biodiversity and ecosystem services from bioenergy development: a pan American experience.* (Co-advisor)

3. **Bryan D. Murray** (2013) Dissertation: *Spatial and temporal patterns in ungulate-ecosystem interactions*. (Currently an Assistant Professor at Oklahoma State University)
4. **Amber Roth** (2012) Dissertation: *Tradeoffs in avian and vegetation productivity within intensively managed aspen forests* (Co-advisor). (Currently an Assistant Professor at the University of Maine)
5. **Jill Witt** (2010) Dissertation: *Patch selection by wintering white-tailed deer: consequences for eastern hemlock regeneration at local and landscape scales*. (Currently an Assistant Professor at the University of Michigan–Flint)
6. **Stacie Holmes** (2009) Dissertation: *The influence of concurrent disturbances on plant community dynamics in northern hemlock-hardwood forests*. (Currently a research scientist with the BIA)
7. **Matt Powers** (2008) Dissertation: *Physiological performance and stand dynamics in managed red pine forests with complex stand structures*. (Currently an Assistant Professor - Senior Research at Oregon State University)

MS

1. **Sam Knapp** (2019) Thesis: *The effects of group-selection openings on species composition in northern hardwoods*.
2. **Sarah Klingsporn Poznanovic** (2013) Thesis: *Promoting biological diversity in forest ecosystems using ecological forestry*.
3. **Max Henschell** (2010) Thesis: *Trade-offs in avian and grassland productivity* (Co-advisor). (Currently a PhD student at UW-Madison)
4. **Chad Fortin** (2009). Thesis: *Floristic quality as potential driver of vegetative diversity-productivity relationships and arthropod habitat in restored grasslands*. (Currently a forester with Northern Hardwoods Inc.)
5. **Nick R. Jensen** (2009) Thesis: *Ungulate winter habitat selection as a driver of heterogeneity in ground-layer plant communities*. (Currently working for the University of Minnesota)
6. **Sarah Stehn** (2009) Thesis: *Influence of exogenous disturbance on bryophyte community assemblage and tree regeneration in southern Appalachian spruce-fir forests*. (Currently working with the National Park Service in Alaska)
7. **Dan Haskell** (2009) Thesis: *Quantifying the ecological benefits of lake shore restoration in northern Wisconsin* (Co-advisor). (Currently a contract employee for WDNR working on lakeshore restoration)
8. **Joshua M. Shields** (2006) Thesis: *Initial effects of group-selection harvesting with yellow birch (*Betula alleghaniensis*) retention on biodiversity in northern hardwoods*. (Forester at Manistee Conservation District)
 - Received an Honorable Mention in the 2007 Midwestern Association of Graduate Schools (MAGS) Distinguished Master's Thesis Award Competition. Two awards and two honorable mentions were selected from a field of 51 nominated theses. Josh was MTU's nominee to the competition.
9. **Jennifer A. Griggs (Thiemann)** (2005) Thesis: *Simplified floral diversity and the legacy of a protected deer herd in the agricultural woodlots of Cades Cove, Great Smoky Mountains National Park*. (Currently working as an environmental consultant in Minnesota)
10. **Steve R. Wangen** (2004) Thesis: *Spatial and temporal dynamics of an introduced tree species as it invades a temperate forested island*. (Currently a Post-Doctoral Associate at the university of Wisconsin--Madison)

*CURRENT STUDENTS (1 PHD, 1 MS):**PHD*

1. **Zachary Merrill**, Dissertation topic: *Tree rings and moose foraging on Isle Royal* (co-advisor)

MS

2. **Matt Vander Molen**, Thesis topic: *Restoration silviculture* (co-advisor)

Graduate Committees

PHD

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| <ol style="list-style-type: none"> 1. Sinan Abood (2011) 2. Claudia Bartlick 3. Brenda Gail Bergman (2014) 4. James Bess (2015) 5. Joseph Bump (2008) 6. Jenny Dunn (2018) 7. Azad Henareh Khalyani (2012) 8. Anna Hess (2013) 9. Stefan Hupperts (2019) 10. Peter Hurley (2007) 11. Mike Hyslop 12. Kevyn Jueau (2013) 13. Jennifer M. Karberg (2008) 14. Tony Matthys (2017) 15. Shawn O'Neil (2017) 16. Bharat Pokharel (2008) 17. Wilf Previent (2015) 18. Richard D. Sample (Purdue Univ.) 19. Andy Von Duyke (2018) | <ol style="list-style-type: none"> 9. Fay Dearing (2015) 10. Kristina Denison (2010) 11. Aric Devens (2017) 12. Patrick Diedrich (2019) 13. Tara Eberhart (2007) 14. Kyle Earnshaw (2011) 15. Jessica Hancock (2007) 16. Trevor Hahka (2009) 17. Chris D. Henderson (2015) 18. Tasha Hernandez 19. Kristin Hettich (2008) 20. Bret Huntzinger (2006) 21. Maria Janowiak (2007) 22. Lindsay Jenkins (Purdue Univ. 2011) 23. Susan Joyce (2004) 24. Matthew Judd (2004) 25. Laura Kangas (2013) 26. Linda Kartano (2015) 27. Carmen Leguizamon (2017) 28. Vaula Lukkarinen (2014) 29. Jenny Lund (2005) 30. Kristin Maier 31. Lacey Ann Mason (2007) 32. Matt Metz (2010) 33. Drew Miller (2013) 34. Joe Musolf (2004) 35. Jonathan Neuendorff (2005) 36. Samuel Oliveira 37. Megan Petras (2017) 38. Jameson M Pierce (Purdue Univ.) 39. Matthew Powers (2005) |
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MS

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| <ol style="list-style-type: none"> 1. Alex Bales (2015) 2. Patricia Butler (2008) 3. Sarah Brodeur (2004) 4. Marcelle Campione (2010) 5. Michelle E. Cisz (2010) 6. Emily Collins (2016) 7. Alina Delgado-Torres 8. Smriti Dahal (2007) | <ol style="list-style-type: none"> 9. Fay Dearing (2015) 10. Kristina Denison (2010) 11. Aric Devens (2017) 12. Patrick Diedrich (2019) 13. Tara Eberhart (2007) 14. Kyle Earnshaw (2011) 15. Jessica Hancock (2007) 16. Trevor Hahka (2009) 17. Chris D. Henderson (2015) 18. Tasha Hernandez 19. Kristin Hettich (2008) 20. Bret Huntzinger (2006) 21. Maria Janowiak (2007) 22. Lindsay Jenkins (Purdue Univ. 2011) 23. Susan Joyce (2004) 24. Matthew Judd (2004) 25. Laura Kangas (2013) 26. Linda Kartano (2015) 27. Carmen Leguizamon (2017) 28. Vaula Lukkarinen (2014) 29. Jenny Lund (2005) 30. Kristin Maier 31. Lacey Ann Mason (2007) 32. Matt Metz (2010) 33. Drew Miller (2013) 34. Joe Musolf (2004) 35. Jonathan Neuendorff (2005) 36. Samuel Oliveira 37. Megan Petras (2017) 38. Jameson M Pierce (Purdue Univ.) 39. Matthew Powers (2005) |
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| 40. Trevor Roberts | 47. Matthew Widen (2017) |
| 41. Joanna Rogers (MF, 2012) | 48. Shu Chiang Yat (2006) |
| 42. Lindsey Shartell (2007) | 49. Yanyun Li |
| 43. Joe Schwartz (2004) | 50. Taylor Zallek (2017) |
| 44. Lucas Spaete (2009) | 51. Charlie Zinsmaster (MF, 2006) |
| 45. Betsy Tahtinen (2012) | 52. Matthew Zumstein (2005) |
| 46. Glenn Vorhes (2010) | |

PUBLICATIONS

(Graduate Student: *; Undergraduate Student: ‡)

PEER-REVIEWED MANUSCRIPTS:

Web of Science: times cited = 1634, Ave. citations per article = 18.16, H-index = 24
Google Scholar: times cited = 2708, H-index = 30, i 10-index = 63

- Hupperts*, S., **C.R. Webster**, R.E. Froese, Y.L. Dickinson. 2020. Seedling and sapling recruitment following novel silvicultural treatments in Great Lakes northern hardwoods. *Forest Ecology and Management* 462:117983.
- Jenkins, M.A. and **C.R. Webster**. 2019. Age structure and recruitment of *Trillium luteum* (Trilliaceae) populations in secondary forests of the southern Appalachian Mountains. *Journal of the Torrey Botanical Society* 146: 239-251.
- Knapp*, S.P., **C.R. Webster**, C.C. Kern. 2019. The composition and height of saplings capturing silvicultural gaps at two long term experiments in managed northern hardwood forests. *Forests* 10, 855; doi:10.3390/f10100855
- Knapp*, S.P., **C.R. Webster**, C.C. Kern. 2019. Can group selection with legacy retention change compositional trajectories in conventionally managed hardwoods? *Forest Ecology and Management* 448:174–186.
- Parikh*, G.L., **C.R. Webster**. 2019. Press-pulse *Odocoileus virginianus* herbivory in relict *Tsuga canadensis* stands in the western Upper Peninsula of Michigan, USA. *Forests* 10(6), 496; <https://doi.org/10.3390/f10060496>
- Parikh*, G.L., **C.R. Webster**, J.A. Vucetich, J.J. Durocher, J.K. Bump. 2018. Does persistent snowpack inhibit degradation of fecal stress indicators? *Conservation Physiology* 6(1) <https://doi.org/10.1093/conphys/coy071>
- Jarvi‡, G.M., J.L. Knowlton, C.C. Phifer*, A.M. Roth, **C.R. Webster**, D.J. Flaspohler. 2018. Avian community response to short-rotation aspen forest management. *Northeastern Naturalist* 25(2): 308-318.
- Widen*, M.J., M.A. Petras O'Neil*, Y.L. Dickinson, **C.R. Webster**. 2018. *Rubus* persistence within silvicultural openings and its impact on regeneration: The influence of opening size and advance regeneration. *Forest Ecology and Management* 427:162-168.
- Haskell, D.E., A.L. Bales, **C.R. Webster**, M.W. Meyer, D.J. Flaspohler. 2018. Effectiveness of bare-root and gravel-culture shrubs used in wildlife habitat restoration on lakeshores in Northern Wisconsin. *Ecological Restoration* 36:134-144.
- Webster, C.R.**, Y.L. Dickinson, J.I. Burton, L.E. Frelich, M.A. Jenkins, C.C. Kern, P. Raymond, M.R. Saunders, M.B. Walters, J.L. Willis. 2018. Promoting and maintaining diversity in contemporary hardwood forests: confronting contemporary drivers of change and the loss of ecological memory. *Forest Ecology and Management*—invited Tamm

Review, 421: 98-108. <https://doi.org/10.1016/j.foreco.2018.01.010> (***Web of Science Highly Cited Paper***)

11. Fahey, R.T., B. Alveshire, J.I. Burton, A. D'Amato, Y.L. Dickinson, W.S. Keeton, C.C. Kern, A.J. Larson, B.J. Palik, K.J. Puettmann, M.R. Saunders, **C.R. Webster**, J.W. Atkins, C.M. Gough, B.S. Hardiman. 2018. Shifting conceptions of complexity in forest management and silviculture. *Forest Ecology and Management* 421: 59-71. <https://doi.org/10.1016/j.foreco.2018.01.011>
12. Haskell*, D.E., A.L. Bales*, **C.R. Webster**, M.W. Meyer, D.J. Flaspohler. 2017. Restoring hardwood trees to lake riparian areas using three planting treatments. *Restoration Ecology* 25: 933-941.
13. Haskell*, D.E., **C.R. Webster**, A.L. Bales*, M.W. Meyer, D.J. Flaspohler. 2017. Assessment of wildlife habitat attributes at restoration projects on northern Wisconsin lakeshores. *Northeastern Naturalist* 24: 391-412.
14. Haskell*, D.E., A.L. Bales*, **C.R. Webster**, D.J. Flaspohler, M.W. Meyer. 2017. Conifer restoration on lakeshores using 3 planting techniques. *Native Plants Journal* 18:235-244.
15. Brito, TF, CC Phifer*, JL Knowlton, CM Fiser, NM Becker, F de Carvalho Barros, F Andres León Contrera, M. Motta Mauás, L Juen, L Fogaça de Assis Montag, **CR Webster**, DJ Flaspohler, M Pérsio Dantas Santos, D Paiva Silva. 2017. Forest reserves and riparian corridors help maintain orchid bee (Hymenoptera: *Euglossini*) communities in oil palm plantations in Brazil. *Apidologie* 48: 575-587. DOI: 10.1007/s13592-017-0500-z
16. Phifer*, C.C, J.L. Knowlton, **C.R. Webster**, D.J. Flaspohler, J.A. Licata. 2017. Bird community responses to afforested eucalyptus plantations in the Argentine pampas. *Biodiversity and Conservation* 26: 3073-3101.
17. Kern, C.C., J.I. Burton, P. Raymond, A.W. D'Amato, W.S. Keeton, A.A. Royo, M.B. Walters, **C.R. Webster**, J.L. Willis. 2017. Challenges facing gap-based silviculture and possible solutions for mesic northern forests in North America. *Forestry* 90:4-17. (***Web of Science Highly Cited Paper***) ***Awarded the Percy Stubbs and John Bolton King and Edward Garfitt Prize for Silviculture (the Silvicultural Prize) for 2018 by the Institute of Chartered Foresters.***
18. **Webster, C.R.**, J.H. Rock, M.A. Jenkins. 2017. Response of spring flora to nearly two decades of deer exclusion and resurgent woody understories within exclosures. *Journal of the Torrey Botanical Society* 144:1-14.
19. Premer*, M.I., R.E. Froese, **C.R. Webster**, L.M. Nagel. 2016. Vegetation response to logging residue removals in Great Lakes aspen forests: Long-term trends under operational management. *Forest Ecology and Management* 382:357-368.
20. Murray*, B.D., **C.R. Webster**, M.A. Jenkins, M.R. Saunders, G.S. Haulton. 2016. Context dependent effects of ungulates on early seral plant communities follow anthropogenic disturbance. *Ecosphere* 7(6): e01378. 10.1002/ecs2.1378
21. Kangas*, L.C., R. Schwartz*, M.R. Pennington, **C.R. Webster**, R.A. Chimner. 2016. Artificial microtopography and herbivory protection facilitates wetland tree (*Thuja occidentalis* L.) survival and growth in created wetlands. *New Forests* 47:73-86.
22. Henschell*, M.A., **C.R. Webster**, D.J. Flaspohler, C.R. Fortin*. 2015. Influence of plant community composition on biomass production in planted grasslands. *PLoS ONE* 10(5): e0125758.
23. Jenkins*, L.H., B.D. Murray, M.A. Jenkins, **C.R. Webster**. 2015. Woody regeneration response to over a decade of deer population reductions in Indiana state parks. *Journal of Torrey Botanical Society* 142: 205-219.

24. **Webster, C.R.**, M.A. Jenkins, A.J. Poznanovic. 2015. Spatial patterning and floral synchrony among trillium populations with contrasting histories of herbivory. *PeerJ* 3:e782; DOI 10.7717/peerj.782
25. Poznanovic*, S.K., E.A. Lilleskov, **C.R. Webster**. 2015. Sharing rotting wood in the shade: ectomycorrhizal communities of co-occurring birch and hemlock seedlings. *Mycorrhiza* 25: 153-164.
26. Tahtinen*, B., B.D. Murray*, **C.R. Webster**, C. Tarasoff, A.J. Burton. 2014. Does ungulate foraging in forest canopy gaps produce a spatial subsidy with cascading effects on vegetation? *Forest Science* 60:819-829.
27. Poznanovic*, S.K., A.J. Poznanovic*, **C.R. Webster**, J.K. Bump. 2014. Spatial patterning of underrepresented tree species in canopy gaps 9 years after group selection cutting. *Forest Ecology and Management* 331:1-11.
28. Jenkins*, L.H., M.A. Jenkins, **C.R. Webster**, P.A. Zollner, J.M. Shields*. 2014. Herbaceous layer response to 17 years of controlled deer hunting in forested natural areas. *Biological Conservation* 175:119-128.
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34. Klingsporn Poznanovic*, S., **C.R. Webster**, J.K. Bump. 2013. Maintaining mid-tolerant tree species with uneven-aged forest management: 9-yr results from a novel group-selection experiment. *Forestry* 86: 555-567.
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71. Shields*, J.M., **C.R. Webster**, and A.J. Storer. 2008. Short-term community-level response of arthropods to group selection with seed-tree retention in a northern hardwood forest. *Forest Ecology and Management* 255: 129-139.
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73. Shields*, J.M., **C.R. Webster**, and J. Glime. 2007. Bryophyte community response to silvicultural opening size in a managed northern hardwood forest. *Forest Ecology and Management* 252: 222-229.
74. Shields*, J.M. and **C.R. Webster**. 2007. Ground-layer response to group selection with legacy tree retention in a managed northern hardwood forest. *Canadian Journal of Forest Research* 37: 1797-1807.
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78. **Webster, C.R.**, and N.R. Jensen[‡]. 2007. A shift in the gap dynamics of *Betula alleghaniensis* in response to single-tree selection. *Canadian Journal of Forest Research* 37: 682-689.
79. Wangen*, S.R., and **C.R. Webster**. 2006. Potential for multiple lag phases during biotic invasions: reconstructing an invasion of the exotic tree *Acer platanoides*. *Journal of Applied Ecology* 43: 258-268.
80. **Webster, C.R.**, M.A. Jenkins, and S. Jose. 2006. Woody invaders and the challenges they pose to forest ecosystems in the eastern United States. *Journal of Forestry* 104 (7): 366-374.
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82. Griggs*, J.A., J.H. Rock, **C.R. Webster**, and M.A. Jenkins. 2006. Vegetative legacy of a protected deer herd in Cades Cove, Great Smoky Mountains National Park. *Natural Areas Journal* 26: 126-136.
83. **Webster, C.R.**, K. Nelson[‡], and S. Wangen*. 2005. Stand dynamics of an insular population of an invasive tree, *Acer platanoides*. *Forest Ecology and Management* 208: 85-99.
84. **Webster, C.R.**, and C.G. Lorimer. 2005. Minimum opening sizes for canopy recruitment of midtolerant tree species: a retrospective approach. *Ecological Applications* 15: 1245-1262.
85. Schwartz*, J.W., L.M. Nagel, and **C.R. Webster**. 2005. Effects of uneven-aged management on diameter distribution and species composition of northern hardwoods in Upper Michigan. *Forest Ecology and Management* 211: 356-370.
86. **Webster, C.R.**, and M.A. Jenkins. 2005. Coarse woody debris dynamics in the southern Appalachians as affected by topographic position and anthropogenic disturbance history. *Forest Ecology and Management* 217: 319-330.
87. **Webster, C.R.**, M.A. Jenkins, and J.H. Rock. 2005. Long-term response of spring flora to chronic herbivory and deer exclusion in Great Smoky Mountains National Park, USA. *Biological Conservation* 125: 297-307.
88. **Webster, C.R.**, M.A. Jenkins, and J.H. Rock. 2005. Twenty years of forest change in the woodlots of Cades Cove, Great Smoky Mountains National Park. *Journal of the Torrey Botanical Society* 132: 280-292.
89. Jenkins, M.A., **C.R. Webster**, G.R. Parker, and M.A. Spetich. 2004. Coarse woody

- debris in managed central hardwood forests of Indiana, USA. *Forest Science* 50: 781-792.
90. **Webster, C.R.** and C.G. Lorimer. 2003. Comparative growing space efficiency of four tree species in mixed conifer-hardwood forests. *Forest Ecology and Management* 177: 361-377.
 91. **Webster, C.R.** and C.G. Lorimer. 2002. Single-tree versus group selection in hemlock-hardwood forests: are smaller openings less productive? *Canadian Journal of Forest Research* 32: 591-604.
 92. **Webster, C.R.**, M.A. Jenkins, and G.R. Parker. 2001. A field test of herbaceous plant indicators of deer browsing intensity in mesic hardwood forests of Indiana, USA. *Natural Areas Journal* 21: 149-158.
 93. **Webster, C.R.** and G.R. Parker. 2000. Evaluation of *Osmorhiza claytoni* (Michx.) C.B. Clarke, *Arisaema triphyllum* (L.) Schott, and *Actaea pachypoda* Ell. as potential indicators of white-tailed deer overabundance. *Natural Areas Journal* 20: 176-188.
 94. **Webster, C. R.** and G. R. Parker. 1997. The effects of white-tailed deer on plant communities within Indiana state parks. *Proceedings of the Indiana Academy of Science* 106: 213-231.

PEER-REVIEWED BOOK CHAPTERS:

95. **Webster, C.R.**, D.J. Flaspohler, S. Pawson, E. Brockerhoff. 2012. Ecologically sustainable bioenergy cropping systems: Species selection and habitat considerations. Pages 99-117. *In: Handbook of Bioenergy Crop Plants*; S. Joshi, D. Shonnard and C. Kole eds., Taylor and Francis Group, Boca Raton. (invited)
96. **Webster, C.R.**, and S.R. Wangen* 2009. Spatial and temporal dynamics of exotic tree invasions: lessons from a shade-tolerant invader, *Acer platanoides*. Pages 71-85, *In: Invasive Plants and Forest Ecosystems*; Jose, S. and R.K. Kohli eds., CRC Press, Boca Raton. (invited)
97. Flaspohler, D.J., **C.R. Webster**, and R.E. Froese. 2009. Bioenergy, biomass and biodiversity. Pages 133-162. *In: Renewable Energy from Forest Resources in the United States*; Solomon, B.D. and V.A. Luzadis, eds., Routledge, New York.
98. **Webster, C.R.**, M.A. Jenkins, S. Jose, L.M. Nagel. 2009. Exotic herb layers as ecological filters in forest understories. Pages 29-49. *In: Forest Canopies: Forest Production, Ecosystem Health and Climate Conditions*. Nova Science Publishers, Inc. (invited)

NON-PEER-REVIEWED PUBLICATIONS:

99. Saunders, MR, MA Jenkins, CH Michler, **CR Webster**. 2014. Piecing together the fragments-select papers from the ninth North American Forest Ecology Workshop. *Forest Science* 60: 817-818.
100. **Webster, C.R.**, D.J. Flaspohler, A. Roth, M. Henschell. 2011. Identifying Trade-offs Between Biomass Production and Biological Diversity in Wisconsin's Forests and Grasslands to Meet Tomorrow's Bioenergy and Biofuel Needs. Final Report. Wisconsin Focus on Energy. Available at: http://www.focusonenergy.com/files/Document_Management_System/Environmental_Research/FinalReportx_08-13Webster.pdf

101. **Webster, C.R.**, M.A. Jenkins, and S. Jose. 2007. Invasion biology and control of invasive woody plants in eastern forests. *Native Plants Journal* 8(2): 97-106. (*invited*)
102. Nagel, L.M., M.K. Janowiak*, and **C.R. Webster**. 2007. Spatial scale affects diameter distribution shape in uneven-aged northern hardwoods. Pp. 41-43 In: *Complex Stand Structures and Associated Dynamics: Measurement Indices and Modelling Approaches*; Newton, P.F., V.M. LeMay, A. Groot, P. Marshall, W. Meades, K. O'Hara, M. Sharma, and M. Ter-Mikaelian eds., Ontario Forest Research Institute, Forest Research Information Paper No. 167.
103. **Webster, C.R.** and C.G. Lorimer 2004. Manipulating group-selection opening size to promote tree species diversity in hemlock-hardwood forests. Pp. 299-309 in *Proceedings, Society of American Foresters National Convention, Buffalo, NY, October 26, 2003*.
104. **Webster, C.R.** 2004. *Book Review of Ecology and Control of Introduced Plants* by J.H. Myers, D.R. Bazely. 2003. Cambridge University Press, Cambridge, UK. *Forest Science* 50:278.

PRESENTATIONS

(35 invited, 58 contributed)

INVITED

1. Hupperts, S.F., Y.L. Dickinson, **C.R. Webster**, R.E. Froese. 2019. Resilience of functional diversity in a northern hardwood community: Does severity of canopy or forest floor disturbances matter more? Ecological Society of America Annual Meeting, Louisville, KY, 15 August, 2019.
2. **Webster, C.R.** 2019. Winter use of hemlock forests by white-tailed deer: effects on forest dynamics, nutrient cycling, and deer. Graduate Seminar Series, Purdue University, West Lafayette, IN, 2 April, 2019.
3. **Webster, C.R.** 2018. Intelligent tinkering and fallacy of preferred species. *Keynote address*, Innovation in Silviculture: The Art and The Science. Wisconsin Society of American Foresters State Meeting, Rothschild, Wisconsin, 12 September 2018.
4. **Webster, C.R.**, Y.L. Dickinson, C.C. Kern. 2017. Silviculture through the lens of forest complexity. Special Session: Quantifying forest complexity and integrating data into management. North American Forest Ecology Workshop, Edmonton, Canada, 20 June 2017.
5. Jenkins, M.A., L.H. Keitzer, **C.R. Webster**. 2017. Understory response to 17 years of controlled deer hunting in Indiana state parks. Special Session: Seeing the forest through the understory: promoting and maintaining diversity in contemporary hardwood forests. North American Forest Ecology Workshop, Edmonton, Canada, 22 June 2017.
6. **Webster, C.R.**, M.A. Jenkins, J.H. Rock. 2016. Plant invasions and deer overabundance in the woodlots of Cades Cove, Great Smoky Mountains National Park. Colloquium: Interactions of white-tailed deer and invasive plants in forests of eastern North America. Botany 2016, Savannah, Georgia, 1 August 2016.
7. **Webster, C.R.** 2016. Hunting for a land ethic: the evolving role of hunting in conservation. Bridging Management and Research: Planning for Demographic and Social Change in Hunting and Recreational Fishing. 22nd International Symposium on Society and Resource Management, Houghton, Michigan, 23 June, 2016.

8. **Webster, C.R.**, M.A. Jenkins. 2014. Are invasive plants an emergent property of deer overabundance? Symposium: Deer and Invasive Species. 41st Natural Areas Conference, Dayton, Ohio, 15 October, 2014.
9. **Webster, C.R.** 2014. Maintaining eastern hemlock and yellow birch in managed forests: challenges and opportunities. Annual Meeting of Michigan Chapter of the Society of American Foresters, Escanaba, Michigan, 20 March, 2014.
10. **Webster, C.R.** 2014. Hunting and land health: the evolving role of hunting in Aldo Leopold's land ethic. Faculty Forum, School of Forest Resources and Environmental Science, Michigan Technological University, Houghton, MI, 01 January 24, 2014.
11. **Webster, C.R.** 2013. The perils and promise of gap-based silviculture for maintaining diversity in northern hemlock-hardwood forests. Forest Guild Lake States Meeting: The Ecologic and Economic Balance of Later Successional Forests, Eagle River, Wisconsin, 4 October, 2013.
12. **Webster, C.R.** 2013. Northern hardwood regeneration: what's going wrong? Annual Meeting of Wisconsin Chapter of the Society of American Foresters, Minocqua, Wisconsin, 18 September, 2013.
13. **Webster, C.R.**, S. Klingsporn Poznanovic, J.K. Bump. 2013. Influence of legacy-tree retention on regeneration dynamics and harvest opening persistence in northern hardwoods. 98th Annual Meeting of the Ecological Society of America, Minneapolis, Minnesota, 7 August, 2013.
14. **Webster, C.R.**, M.D. Murray, J.K. Bump, B. Tahtinen, C. Tarasoff, A.J. Burton. 2013. The importance of yellow snow: winter aggregations of a semi-migratory ungulate create a pulsed-resource subsidy with cascading effects on vegetation. 9th North American Forest Ecology Workshop, Bloomington, Indiana, 16 June, 2013.
15. Murray, B.D., **C.R. Webster**, J.A. Vucetich, J.K. Bump, E.A. Lilleskov. 2013. Moose foraging and glacial history interact to influence landscape-level patterns in forest structure and composition. 9th North American Forest Ecology Workshop, Bloomington, Indiana 16 June, 2013.
16. Jenkins, M.A., **C.R. Webster**, J.H. Rock. 2013. Vegetation response to white-tailed deer herbivory at multiple temporal and spatial scales in Great Smoky Mountains National Park. 9th North American Forest Ecology Workshop, Bloomington, Indiana 16 June, 2013.
17. Jenkins, L.H., M.A. Jenkins, **C.R. Webster**, P. Zollner, J. Shields. 2013. Vegetation community recovery following more than a decade of deer reductions in Indiana state parks. 9th North American Forest Ecology Workshop, Bloomington, Indiana 16 June, 2013.
18. **Webster, C.R.** 2012. Broadening the ecological context of ungulate-habitat interactions: unraveling the consequences of deer use of relict hemlock stands. Biology Seminar Series, Michigan Technological University, Houghton, MI, 7 December, 2012.
19. **Webster, C.R.** 2012. Ecological sustainability of woody biomass harvesting. Woody biomass in Indiana: impact of woody biomass harvesting on wildlife management. Indiana Chapter of the Wildlife Society, Clifty Falls State Park, Madison, IN, 26 September, 2012.
20. **Webster, C.R.**, Flaspohler, D., and A. Roth. 2012. Legacy tree retention balances commodity and conservation objectives in intensively-managed North American aspen forests. 2nd International Conference on Biodiversity in Forest Ecosystems and Landscapes, IUFRO. University College Cork, Ireland, 29 August, 2012.

21. **Webster, C.R.** 2012. Phyto-indicators of deer impact: application and limitations. Indiana Deer Impact Assessment Forum. Purdue University, Wright Conference Center, West Lafayette, IN, March 22, 2012.
22. **Webster, C.R.** 2011. Novel wildlife-habitat interactions: predictable and paradoxical consequences of deer yarding in relict hemlock stands. Xi Sigma Pi Spring Symposium, Wildlife Management at the Ecosystem Level, Michigan Technological University, Houghton, MI, April 8, 2011.
23. **Webster, C.R.** 2011. Success and failure of biological invasions: the contrasting roles of disturbance and chance. Hanover Seminar Series (March 1, 2011), Michigan State University, East Lansing, MI.
24. **Webster, C.R.**, S.A. Holmes, J.C. Witt. 2010. Eastern hemlock restoration in the northern Great Lakes States: Can we get there from here? Society of American Foresters National Convention, Albuquerque, NM, October 30, 2010.
25. Flaspohler, D., **C.R. Webster**, and A. Roth. 2010. Intensive management of native forests for bioenergy: Quantifying trade-offs between forest productivity and biodiversity. Invited talk in symposium: Biodiversity and climate change: Direct and indirect linkages in adaptation and mitigation. XXIII World Congress International Union of Forest Research Organizations (IUFRO), Seoul, South Korea, August, 2010.
26. **Webster, C.R.**, S.A. Holmes. 2010. Interactions between disturbance and ungulate herbivory in a northern hardwood forest. The Ecological Society of America, 95 th Annual Meeting, Pittsburg, PA, August 2, 2010.
27. Jenkins, M.A., **C.R. Webster**, E.J. Holzmüller. 2010. The rise and fall of eastern hemlock: perspectives from the Northwoods and Appalachia. The Ecological Society of America, 95 th Annual Meeting, Pittsburg, PA, August 2, 2010.
28. Powers, M.D., B.J. Palik, J.B. Bradford, S. Fraver, **C.R. Webster**. 2010. Tree mortality in managed red pine over a multi-decadal warming period. The Ecological Society of America, 95 th Annual Meeting, Pittsburg, PA, August 2, 2010.
29. Roth, A., D.J. Flaspohler, **C.R. Webster**, C. Fortin, and M. Henschell. 2010. Balancing Biodiversity and Biomass for Bioenergy in Wisconsin. Wisconsin Chapter of the Wildlife Society Annual Meeting, Wausau, WI. March 4, 2010. (*plenary presentation*)
30. **Webster, C.R.**, A. Roth, D.J. Flaspohler. 2009. Legacy tree retention in intensively managed aspen forest. Society of American Foresters National Convention, Orlando, FL, October 1, 2009.
31. Flaspohler, D.J., **C.R. Webster**, A. Roth. Bioenergy development in North America: Conserving biodiversity in intensively managed landscapes. July 2009, Beijing Forestry University.
32. **Webster, C.R.** 2009. The contrasting roles of disturbance and chance in the success and failure of biological invasions. Invited seminar (April 20, 2009), Wright State University, Beavercreek, OH.
33. Flaspohler, D.J, and **Webster, C.R.** Biofuel and biodiversity: Issues and Opportunities. LandCare Crown Research Institute, October 2008, Christchurch, New Zealand.
34. Flaspohler, D.J., **C.R. Webster**, and A. Roth. 2007. Trade-offs between biodiversity and biofuel feedstock production. Invited talk at: Biofuel Production and Wildlife Protection, Univ. of Minnesota, St. Paul campus. July 17, 2007.
35. **Webster, C.R.**, A downward spiral: deer abundance and vegetation dynamics in anthropogenic landscapes, Xi Sigma Pi Symposium, Michigan Technological University, Houghton, MI. April 13, 2007.

36. **Webster, C.R.**, J.H. Rock, M.A. Jenkins. 2007. Plant community response to chronic herbivory in Cades Cove Resource Management and Science Spring Seminar Series, Great Smoky Mountains National Park, Gatlinburg, TN. April 16, 2007.
37. Wangen, S.R., J. Griggs, **C.R. Webster**. Modeling spatial characteristics of the invasion of an exotic tree species—*Acer platanoides*. 3rd Annual Forest and Wildlife Research Review, University of Minnesota--Duluth, January 15, 2004. (poster)
38. **Webster, C.R.** Group selection as a management tool on the Menominee Indiana Reservation. Menominee Tribal Enterprises, Forestry Center, Keshena, WI, April 10, 2003. **Webster, C.R.** Group selection as an alternative to even-aged management: effects on productivity and species composition. USDA Forest Service, North Central Research Station, Grand Rapids, MN, February 20, 2003.

CONTRIBUTED

1. Knapp, S.P., **C.R. Webster**, C.C. Kern. 2019. Can group-selection with legacy-tree retention change compositional trajectories in traditionally managed northern hardwoods? North American Forest Ecology Workshop, Flagstaff, AZ, June 25, 2019.
2. Dickinson, Y.L., C.B. Edson, R.E. Froese, M.C. Kelly, J.M. Schmierer, 2019. **C.R. Webster**, J.D. Wolfe. 2019. Introducing the NH-SEED: A holistic experiment to revisit classical and test novel silvicultural systems in a changing world. North American Forest Ecology Workshop, Flagstaff, AZ, June 25, 2019. (poster)
3. Parikh, G.L., **Webster, C.R.**, Vucetich, J.A., Maclean, A.L. 2019. Spatiotemporal trends in white-tailed deer diet: does winter severity affect diet composition? Michigan Chapter of The Wildlife Society Annual Meeting- Gaylord, MI, March 2019.
4. Parikh, G.L., **C.R. Webster**, J.A. Vucetich, J.J. Durocher, J.K. Bump. 2018. Stress profiled for white-tailed deer wintering in the western Upper Peninsula of Michigan. Annual Meeting of the Wildlife Society, Cleveland, OH, October 8, 2018.
5. Parikh, G.L., **C.R. Webster**, J.A. Vucetich, J.J. Durocher, J.K. Bump. 2018. Stress Hormones in Weathered Fecal Samples: Can snowpack prolong sample viability? Michigan Chapter of the Wildlife Society, Gaylord, MI, March 15, 2018.
6. Parikh, G.L., **C.R. Webster**, J.A. Vucetich, J.J. Durocher, J.K. Bump. 2018. Stress Profiled for White-tailed Deer Wintering in the Western Upper Peninsula of Michigan. Ecosystem Science Center Student Research Forum, Michigan Technological University, April 6, 2018.
7. Hupperts, S.F., Y.L Dickinson, **C.R. Webster**, R.E. Froese. 2018. Silvicultural Systems to Maintain and Restore Diversity in Great Lakes Northern Hardwoods. Society of American Foresters National Convention, Portland, OR, October 2018. (poster)
8. Hupperts, S.F., Y.L Dickinson, **C.R. Webster**, R.E. Froese. 2018. Environmental conditions mediate plant community composition following timber harvest. Ecological Society of America, AGM 2018, New Orleans, LA, August 2018. (poster)
9. Hupperts, S.F., Y.L Dickinson, **C.R. Webster**, R.E. Froese. 2018. Environmental conditions influence plant community composition following timber harvest. Ecosystem Science Center Student Research Forum, Michigan Technological University, April 2018. (poster)
10. Hupperts, S.F., Y.L Dickinson, **C.R. Webster**, R.E. Froese. 2018. Environmental conditions mediate a rapid shift in plant communities following timber harvest. Graduate Research Colloquium, Michigan Technological University. March 2018
11. Hupperts, S.F., Y.L Dickinson, **C.R. Webster**, R.E. Froese. 2017. Investigating silvicultural systems for promoting tree diversity in managed Lake States northern

- hardwoods (Ignite talk). North American Forest Ecology Workshop, Edmonton, Canada, 19 June, 2017.
12. Phifer, C, S. Veron, C. Schelly, **C.R. Webster**, D. Flaspohler. Impacts of Afforested Eucalyptus Plantations on Ecosystem Services in Entre Ríos, Argentina. 2016. Poster presented at A Community on Ecosystem Services (ACES) Annual Conference, Jacksonville, FL. (poster)
 13. Phifer, CC, Roth, A., Knowlton, JL, **Webster, CR**, Flaspohler, DJ. 2015. Bird community responses to potential bioenergy feedstocks in Argentina and the United States. International Congress of Conservation Biology Annual Meeting, Montellier, France. (poster)
 14. Knowlton, J.L., C.C. Phifer, D.J. Flaspohler, **C.R. Webster**. 2015. El Proyecto PIRE: Sustentabilidad, Servicios Ecosistémicos y el Desarrollo de Bioenergía en América. ECOSUR. Villahermosa, Mexico. March 12th.
 15. Knowlton, J.L, C.C. Phifer, D.J. Flaspohler, **C.R. Webster**. 2015. Impacts of bioenergy development on biodiversity and ecosystem services in Entre Rios, Argentina. InterAmerican Institute meeting, Merida, Mexico. Feb. 23rd.
 16. Haskell, D.E., M.W. Meyer, **C.R. Webster**, and D. J. Flaspohler. Testing Multiple Methods for Wildlife Habitat Restoration on Lakeshores: Crystal Lakeshore Restoration Project. February 17-19, 2015. Joint Meeting Wisconsin & Minnesota Chapters of The Wildlife Society Conference, Duluth, MN.
 17. Roth, A, C Phifer, D.J. Flaspohler, and **C.R Webster**. 2014. Bird and insect pollinators respond similarly to aspen forest stand development in northern Wisconsin, USA. Contributed oral presentation for the 24th IUFRO World Congress, Salt Lake City, Utah, 6 October, 2014.
 18. Murray, B.D., **C.R. Webster**, M.A. Jenkins, M.R. Saunders, S. Haulton. 2014. Concurrent effects of forest management and white-tailed deer herbivory drive spatial patterning in herbaceous-layer plant communities. 99th Annual Meeting of the Ecological Society of America, Sacramento, California, 11 August, 2014.
 19. **Webster, C.R.** 2013. Hunting and land health: the evolving role of hunting in Aldo Leopold's land ethic. Brown bag Seminar Series, Aldo Leopold Foundation, Baraboo, WI, December 13, 2013.
 20. Murray, B.D., **C.R. Webster**, B.E. Tahtinen, C.S. Tarasoff, J.K. Bump, AJ Burton. 2013. Conditional migration and foraging patch selection by a generalist herbivore results in a spatial resource subsidy in relict eastern hemlock forests. 98th Annual Meeting of the Ecological Society of America, Minneapolis, Minnesota, 7 August, 2013.
 21. Murray, B.D., **C.R. Webster**, and J.K. Bump. Migratory white-tailed deer facilitate cross-boundary nitrogen transport in a forested landscape. The Wildlife Society 19th Annual Conference, Portland, OR, October 17, 2012
 22. Murray, B.D., **C.R. Webster**, and J.K. Bump. Ungulate urea-nitrogen deposition and spatial patterning of herbaceous-layer vegetation in a forest ecosystem. The Ecological Society of America, 97th Annual Meeting, Portland, OR, August 9, 2012.
 23. Roth, A., D.J. Flaspohler, and **C.R. Webster**. 2011. When is a forest edge-associated bird species considered edge-sensitive? 18th Annual Conference of The Wildlife Society. Waikoloa, HI. November 8, 2011.
 24. Haskell, D.E., M.W. Meyer, **C.R. Webster**, and D. J. Flaspohler. 2011. The Relationship between Carnivore Distribution and Landscape Features in the Northern Highlands Ecological Landscape of Wisconsin. 18th Annual Conference of The Wildlife Society. Waikoloa, HI. (poster)

25. Haskell, D.E., D. J. Flaspolher, **C.R. Webster**, and M.W. Meyer. 2011. Residential Development Impact on Mammalian Diversity along Lakeshores in Northern Wisconsin. Joint Meeting Wisconsin Chapter of The Wildlife Society and Society of American Foresters. Wisconsin Dells, WI.
26. Murray, B.D., **C.R. Webster** and J.A. Vucetich. Chronic moose browsing impacts the architecture of balsam fir saplings. The Ecological Society of America, 96th Annual Meeting, Austin, TX, August 9, 2011.
27. Jenkins, L.H., M.A. Jenkins, **C.R. Webster**, P.A. Zollner, and J.M. Shields. 2011. Evaluating the recovery of vegetation communities in Indiana state parks after more than a decade of white-tailed deer population reduction. The Ecological Society of America, 96th Annual Meeting, Austin, TX, August 9, 2011.
28. Jenkins, L.H., M.A. Jenkins, J.M. Shields, **C.R. Webster**. 2011. Evaluation of the recovery of vegetative communities in Indiana state parks after over a decade of white-tailed deer reduction. Indiana Academy of Science 126th Annual Meeting, Indianapolis, IN, March 5, 2011.
29. Twery, M., M. Janowiak, C.W. Swanston, L. Brandt, B.J. Palik, J.B. Bradford, L.M. Nagel, **C.R. Webster**, A.T. Hille, S.M. Johnson, L.R. Parker. 2010. Preparing forest managers for an uncertain climate. The Ecological Society of America, 95th Annual Meeting, Pittsburg, PA, August 2, 2010. (poster)
30. Haskell, D.E., D. J. Flaspolher, **C.R. Webster**, and M.W. Meyer. 2010. Quantifying the Ecological Benefits of Lakeshore Restoration in Wisconsin. Science in the Northwoods Conference. Boulder Junction, WI.
31. Haskell, D.E., D. J. Flaspolher, **C.R. Webster**, and M.W. Meyer. 2010. The Wisconsin Lakeshore Restoration Project. Wisconsin Lakes Convention. Green Bay, WI. (poster)
32. Haskell, D.E., D. J. Flaspolher, **C.R. Webster**, and M.W. Meyer. 2010. Quantifying the Ecological Benefits of Lakeshore Restoration in Northern Wisconsin. Wisconsin Lakes Convention. Green Bay, WI.
33. Roth, A., D.J. Flaspohler, and **C.R. Webster**. 2009. Golden-winged Warbler ecology in aspen forests managed with legacy tree retention. Invited talk for special symposium at 127th Stated Meeting of the American Ornithologists' Union, Philadelphia, PA. August 14, 2009.
34. Flaspohler, D.J. and **C.R. Webster**. 2009. What do we really know about how to maintain biodiversity in intensively managed forests? Carbon in Northern Forests: integration of research and management. NIACS. Traverse City, MI. June 10-11, 2009.
35. Palik, B.J., R. Montgomery, P.B. Reich, S.B. Boyden, L. Schulte Moore, R. Atwell, K. Lang, D. Kastendick, M. Powers, **C.R. Webster**. 2009. Variable retention harvesting in Great Lakes red pine forests: response to spatial pattern of retention. 7th North American Forest Ecology Workshop, June 22-26, 2009. Logan, UT.
36. M.A. Jenkins, **Webster, C.R.**, and J.H. Rock. 2009. Vegetation response to white-tailed deer herbivory at multiple temporal and spatial scales in a post agricultural landscape. Emerging issues in white-tailed deer management and conservation, Purdue University Cooperative Extension. Lafayette, IN, February 25-27, 2009. (poster)
37. Jensen, N.R., **C.R. Webster**, and J.B. Grant. Understory response of hemlock-hardwood forests to nitrogen deposition by white-tailed deer in the Upper Great Lakes region. The Wildlife Society Annual Meeting. Miami, FL, November 10, 2008. (poster)
38. Holmes, S.A., **C.R. Webster**, and D.J. Flaspohler. Death and *Taxus*: survival and growth of Canada yew (*Taxus canadensis*) cuttings four years after planting. The Ecological Society of America, 93rd Annual Meeting, Milwaukee, WI, August 7, 2008.

39. Witt, J.C. and **C.R. Webster**. Eastern hemlock islands in a sea of sugar maple: Landscape-scale factors influence white-tailed deer winter habitat selection. The Ecological Society of America, 93rd Annual Meeting, Milwaukee, WI, August 5, 2008.
40. **Webster, C.R.** and S.R. Wangen. Fast vs. slow invasions: temporal and spatial invasion dynamics of *Acer platanoides*. The Ecological Society of America, 93rd Annual Meeting, Milwaukee, WI, August 5, 2008.
41. Powers, M.D., K.S. Pregitzer, B.J. Palik, and **C.R. Webster**. Variable retention harvest treatments alter physiological performance in three pine species. The Ecological Society of America, 93rd Annual Meeting, Milwaukee, WI, August 4, 2008.
42. Flaspohler, D.J., **C.R. Webster**, and A. Roth. Quantifying trade-offs between plant productivity and biodiversity in lands allocated to growing biofuel. Society for Conservation Biology Annual Meeting, Chattanooga, TN, July 15, 2008.
43. Haskell, D.E., D. J. Flaspohler, **C.R. Webster**, and M.W. Meyer. 2007. Measuring the Value of Wildlife Habitat Restoration on Northern Wisconsin Lakes - The Wisconsin Lakeshore Restoration Project. 68th Midwest Fish and Wildlife Conference. Madison, WI. (poster)
44. **Webster, C.R.**, and L.M. Nagel. Can historic disturbances regimes maintain species diversity in contemporary forests? Society of American Foresters National Convention, Portland, OR, October 26, 2007.
45. Nagel, L.M., and **C.R. Webster**. Factors Affecting Diameter Distribution Shape in Uneven-aged Northern Hardwoods. Society of American Foresters National Convention, Portland, OR, October 25, 2007.
46. Flaspohler, D.J., **C.R. Webster**, and A. Roth. Trade-offs between biodiversity and biofuel feedstock production. Wood-to-Wheels Campus Seminar, Michigan Technological University, Houghton, MI, September 13, 2007.
47. Flaspohler, D.L., and **C.R. Webster**. 2007. Assessing the trade-offs between biodiversity and productivity in plant communities used for ethanol feedstocks Biofuels. Center for Humans and Nature Meeting (“Distilling Fact from Fiction”), Chicago Botanic Garden, May 10, 2007.
48. **Webster, C.R.** and M.A. Jenkins. Age structure and spatial patterning of *Trillium* populations in old-growth forests. The Ecological Society of America, 92nd Annual Meeting, San Jose, CA, August 6, 2007.
49. Nagel, L.M., M.K. Janowiak, and **C.R. Webster**. Spatial scale affects diameter distribution shape in uneven-aged northern hardwoods. International Union of Forest Research Organizations, International Forest Science Meeting, Sault Ste. Marie, Ontario, Canada, July 29 - August 2, 2007.
50. Janowiak, M.K., L.M. Nagel, and **C.R. Webster**. Sampling scale and diameter distributions in northern hardwood forests. Society of American Foresters National Convention, Pittsburgh, Pennsylvania, October 25 – 29, 2006. (poster)
51. Shartell, L.M., L.M. Nagel, A.J. Storer, M.D. Hyslop and **C.R. Webster**. 2007. Risk assessment of invasive plants within the National Parks of the Great Lakes Network. Poster presentation, George Wright Society Conference on Parks, Protected Areas, and Cultural Sites, St. Paul, MN, April 16-20, 2007.
52. **Webster, C.R.** Habitat Survey of the Eagle River Watershed. Eagle River, MI. Sponsored by the Houghton Keweenaw Conservation District and the Michigan Department of Environmental Quality. October 16, 2006.
53. Griggs, J.A., **C.R. Webster**, M.A. Jenkins, and J.H. Rock. Simplified floral diversity and the legacy of deer overabundance in Great Smoky Mountains National Park. The Ecological Society of America, 91st Annual Meeting, Memphis, TN, August 9, 2006.

54. Jenkins, M.A., **C.R. Webster**, J.H. Rock. Effects of chronic herbivory and historic land use on population structure of a forest perennial, *Trillium catesbaei*. The Ecological Society of America, 91st Annual Meeting, Memphis, TN, August 9, 2006.
55. **Webster, C.R.**, and S.R. Wangen. 2005. Time lags and invasion risk: reconstructing the invasion of Mackinac Island by Norway maple. 4th Annual Western Great Lakes Research Conference, Marquette, MI. March 30, 2005.
56. Nagel, L.M., **C.R. Webster**, and A.J. Storer. 2005. Impact and suppression efforts for five prominent invasive plant species in northern Great lakes forests. 4th Annual Western Great Lakes Research Conference, Marquette, MI. March 30, 2005.
57. Storer, A.J., L.M. Nagel, **C.R. Webster**, and M.D. Hyslop. 2005. A predictive model for exotic plant species for the Great lakes network of the National Park Service. 4th Annual Western Great Lakes Research Conference, Marquette, MI. March 30, 2005. (poster)
58. Griggs, J.A., **C.R. Webster**, J.H. Rock, and M.A. Jenkins. 2004. Can forest plant communities recover from overabundant deer populations? 31st Annual Natural Areas Conference, Chicago, IL. October 16, 2004.
59. **Webster, C.R.** Norway Maple on Mackinac Island: Past, Present, and Future. Mackinac Island Public Library, sponsored by The Mackinac Island Community Foundation. August 25, 2004.
60. **Webster, C.R.**, and C.G. Lorimer. Surviving in “dismal dark and cold corners”: effects of canopy gap size on sapling growing space efficiency. North American Forest Biology Workshop, Michigan Tech, Houghton, MI, July 14, 2004.
61. J. A. Griggs, Wangen, S.R., **C.R. Webster**. Invasion of Norway maple into Mackinac Island State Park. 30th Natural Areas Conference, Madison, WI, September 24-27, 2003. (Poster)
62. **Webster, C.R.** and C.G. Lorimer 2003. Manipulating group-selection opening size to promote tree species diversity in hemlock-hardwood forests. Pp. 299-309 in Proceedings, Society of American Foresters National Convention, Buffalo, NY, October 26, 2003.
63. **Webster, C.R.** and C.G. Lorimer. Comparative productivity and composition of canopy gaps in uneven-aged northern hemlock-hardwood forests. 86th Annual Meeting of the Ecological Society of America, Monona Terrace, Madison, WI, August 8, 2001.
64. **Webster, C.R.** and G.R. Parker. Sweet cicely, jack-in-the-pulpit, and white baneberry as indicators of white-tailed deer browsing intensity within mesic forest of Indiana. 1998 Spring Wildlife Society Technical Meeting, Nashville, IN, March 4, 1998.
65. **Webster, C.R.** and G.R. Parker. Evaluation of *Osmorhiza claytoni*, *Arisaema triphyllum*, and *Actaea pachypoda* as potential indicators of white-tailed deer overabundance. 113th Annual Meeting of the Indiana Academy of Science, Saint Joseph's College, Rensselaer, IN, October 31, 1997.
66. **Webster, C.R.** and G. R. Parker. The influence of white-tailed deer on forest communities of Midwestern state parks. Forestry and Natural Resources Research Symposium, Purdue University, West Lafayette, IN, April 17, 1997. (poster)
67. **Webster, C.R.** and G. R. Parker. The influence of white-tailed deer on forest communities of Midwestern state parks. The Ecological Society of America 82nd Annual Meeting, Albuquerque, NM, August 11, 1997.
68. **Webster, C.R.** and G. R. Parker. Effects of browsing by white-tailed deer on Indiana's State Parks. 112th Annual Meeting of the Indiana Academy of Science, DePauw University, Green Castle, IN, November 8, 1996.

Grant Support

(Total project value including cost share)

1. USDA-GLRI: Tree planting for EAB mitigation on community trails. 2018-2020. \$127,154. (Resh [PI], Co-PI's: Bal, Chimner, **Webster**, Storer)
2. USDA AFRI: Novel timber production systems to protect productivity and sustainability of Northern Hardwoods in the North-Central region. 2017-2021. \$500,000 (Dickinson [PI], Co-PI's: **Webster**, Froese)
3. USDA Forest Service. Cross-site study of harvest gaps - Tree regeneration in group openings with and without seed-trees. 2014-2019. \$31,526.71. (**Webster** [PI]).
4. NSF: OISE-PIRE Sustainability, Ecosystem Services, and Bioenergy Development across the Americas. 2012-2017. \$4,981,749. (Halvorsen [PI]; Co-PI's: Chimner, Moseley, Shonnard; Personnel: **Webster** et al.)
5. US Dept. of Interior: Developing a Restoration Management and Long-Term Monitoring Plan for the Former Huron Bay Hunt Club Baraga County Michigan. 2016-2018. \$45,000. (Chimner [PI], Co-PI's: **Webster**, Bess)
6. MTU REF-IE: REF-IE: Precise and Efficient Position Data Acquisition for Forests Streams and Wetlands. 2016. \$8000 (Burton [PI], Co-PI's: Wagenbrenner, Chimner, Huckins, **Webster**)
7. American Forest Management: Evaluation of Strip-Clearcutting on Northern Hardwoods to Regenerate Hardwoods. 2016. \$7006. (**Webster** [PI], Co-PI: Dickinson)
8. Wisconsin Department of Natural Resources. Measuring the Value of Fish & Wildlife Restoration on Northern Wisconsin Lakes: The Wisconsin Lakeshore Restoration Project. 2011-2012: \$ 121,147; 2013-2014: \$126,764; 2015-2016: \$127,207. (Flaspohler [PI], Co-PI's: Haskell, **Webster**).
9. USDA Forest Service. Sustainable Forest Management during Climate Change: Tools & Training. 2010-2012. \$183,182. (Schmitt [PI], Co-PI's: Nagel, **Webster**).
10. Keweenaw Community Forest Company. Senior Design: Various Capstone student projects - 3 years. \$2189. 2010-2012. (**Webster** [PI]).
11. National Fish & Wildlife Foundation (administered by Cornell University). Golden-winged Warbler Conservation Initiative--Year 3. \$9300. 2010-2012. (Flaspohler [PI], Co-PI's: Roth, **Webster**).
12. USDA Forest Service. Sustainable Forest Management during Climate Change: Tools & Training. \$81,162. 2009-2012. (Janowiak [PI], Co-PI's: Nagel, **Webster**).
13. National Fish & Wildlife Foundation (administered by Cornell University). Golden-winged Warbler Conservation Initiative--Year 3. \$55,944. 2010-2012. (Flaspohler [PI], Co-PI's: Roth, **Webster**).
14. USDA Forest Service. Supplemental: Stable Isotope Analysis to Elucidate the Physiological Basis of Silvicultural Treatment Response in Great Lakes Pine Ecosystems. \$50,232. 2005-2010. (**Webster** [PI]).
15. Wisconsin Focus on Energy. Identifying Trade-offs Between Biomass Production and Biological Diversity of Wisconsin's Grasslands and forests to Meet Tomorrow's Bioenergy Needs. 07/08-06/10. \$187,633. (**Webster** [PI], Co-PI's: Flaspohler, Roth)
16. USDA Forest Service. National Advanced Silviculture Program III of the US Forest Service, Ecological Systems Course. 02/09-12/09. \$139,509. (Nagel [PI], **Webster** [Co-PI]).

17. USDA Forest Service. Lake States Silviculture Module of the National Advanced Silviculture Program of the US Forest Service. 03/08-12/08. \$44,735. (Nagel [PI], **Webster** [Co-PI]).
18. USDA Forest Service. National Advanced Silviculture Program II of the US Forest Service, Ecological Systems Course. 02/08-12/08. \$137,344. (Nagel [PI], **Webster** [Co-PI]).
19. USDA Forest Service. Sustainable forest management in the context of climate change: training tools for strategy development and application. 2008-2009. \$159,716 (Janowiak [PI], Co PI's: Nagel, **Webster**)
20. USDA Forest Service (JVA). Stable isotope analysis to elucidate the physiological basis of silvicultural treatment response in great lakes Pine Ecosystems. 08/02/05-09/30/10. \$72,929. (**Webster** [PI], Powers [Co-PI])
21. McIntire-Stennis Cooperative Forestry Program. Gap Based Strategies for the Restoration of Tree Species Diversity in Northern Forests. 10/2005-9/2008. \$32,760 (**Webster** [PI])
22. Ruffed Grouse Society. Optimizing Both Habitat Quality for Conservation-Concern Bird Species and Tree Productivity in Aspen Forests in the Great Lakes Region. \$7560. 2008-2009. (Flaspohler [PI], Co-PI's: Roth, **Webster**).
23. National Park Service. Are Threatened High-elevation Spruce-fir Forests Impacted by Acid Deposition? 07/01/07-07/01/09. \$73,136. (**Webster** [PI_{MTU}], Co-PI's on umbrella NPS project: Jenkins [National Park Service] and Jose [University of Florida])
24. USDA Forest Service. Certified Silviculturist Program of the US Forest Service Ecological Systems Course. 02/07-02/08. \$128,110. (Nagel [PI], **Webster** [Co-PI]).
25. Cornell University (National Fish and Wildlife Foundation). Golden-winged warbler conservation initiative. 2007-2008. \$47,614. (Flaspohler [PI], Co-PIs: **Webster**, Roth).
26. Keweenaw Community Forest Company. FW4810 Capstone Enterprise Project: Gratiot Lake Conservancy. 01/2005- 01/2007. \$1000 (**Webster** [PI])
27. Keweenaw Community Forest Company. FW4810 Capstone Enterprise Project: 2005 Bete Gris Preserve and 2006 Bruneau project. 01/2005- 01/2007. \$1000 (**Webster** [PI])
28. Houghton Keweenaw Conservation District/ MI-DEQ. Eagle River Watershed: Habitat Survey and Baseline Data Collection. 01/2006-11/2006. \$20,100 (**Webster** [PI], Huckins [Co-PI])
29. Detroit Edison. Feasibility Study: Managing Carbon in Michigan's Upper Peninsula. 07/2005-06/2006. \$27,910 (Froese [PI], Co-PIs: **Webster**, Pickens)
30. Keweenaw Community Forest Company. Mesic Conifer Restoration Monitoring. 06/2005-05/2006. \$2457 (**Webster** [PI])
31. National Science Foundation-MUSES. Renewable Energy from Forest Resources: An Investigation into the Viability of Large-Scale Production of Sustainable Transportation Fuels from Lignocellulosic Biomass. 9/2005-8/2010. \$1,911,900 (Maclean [PI], Co-PIs: Shonnard, Solomon, Flaspohler, Halversen, **Webster**, Sutherland, Chadde) (*Webster's share: \$248,481*)
32. Michigan Department of Natural Resources, Wildlife Division. Winter Use by White-Tailed Deer of Remnant Hemlock Stands in the Western Upper Peninsula. 01/2005-09/2008. \$209,768 (**Webster** [PI], Co-PIs: Peterson, Vucetich, Drummer)
33. McIntire-Stennis Cooperative Forestry Program. Restoration of Underrepresented Trees and Shrubs in the Western Upper Peninsula of Michigan. 10/2005-9/2008. \$32,760 (**Webster** [PI])
34. Research Planning Inc. Modeling Biomass Recovery Following an Oil Fire at Obed Wild and Scenic River. 08/2005-12/2005. \$5046 (**Webster** [PI])

35. Keweenaw Community Forest Company. Capstone Enterprise Project: The Cabin and the 240 projects. 08/2004-12/2004. \$1358 (**Webster** [PI])
36. Applied Restoration Grant, U.S. Fish and Wildlife Service. The Effect of Gap Size and Location on Establishment, Growth, and Restoration of Canada Yew (*Taxus canadensis*). 06/2004-09/2004. \$1401 (**Webster** [PI], Flaspohler [Co-PI])
37. National Park Service (Cooperative Ecosystem Science Unit). A Predictive Model for Exotic Plant Species for the Great Lakes Network. 2004-2006. \$87,172 (Storer [PI], Co-PIs: Nagle, **Webster**, Hyslop)
38. NSF/MUSES Planning Grant. Renewable Energy from Forest Resources: Investigating the Complex Interrelated Issues Associated with Generating Automotive Fuels from Lignocellulosic Biomass. 09/2004-08/2005. \$114,498 (Maclean [PI], Co-PIs: Halversen, Shonnard, Sutherland, **Webster**, Flaspohler, Hokanson, Solomon)
39. McIntire-Stennis Cooperative Forestry Program. A Plague of Maples: Modeling the Spread of an Invasive Exotic Tree Species, *Acer platanoides*. 10/2002-9/2005. \$21,000 (**Webster** [PI])
40. MTU –Faculty Scholarship Grant. Southern Appalachian Ecological Research Partnership. 01/2003-06/2004. \$2000 (**Webster** [PI])