

CURRICULUM VITAE

DAVID W. MCGILL

West Virginia University
Davis College--Division of Forestry and Natural Resources
WVU Extension Service/Appalachian Hardwood Center
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EDUCATION

Ph.D. Forest Resources, December 1995

The Pennsylvania State University, University Park, PA

Thesis: Evaluating competition indices for improving growth equations in Allegheny hardwoods.

Emphasis: Stand structure, canopy stratification, growing space allocation, competition indices.

Minor: Statistics.

M.S. Forestry, January 1991

University of Wisconsin, Madison, WI

Thesis: Stocking relationships of northern red oak in Wisconsin.

B.S. Natural Resources Management, June 1985

California Polytechnic State University, San Luis Obispo, CA

Senior project: The effect of acorn size on seedling growth in coast live oak.

PROFESSIONAL EXPERIENCE

- 2006-Present Professor and Extension Specialist, West Virginia University—Davis College Division of Forestry and Natural Resources/WVU Extension Service, Morgantown, West Virginia.
- 2001-2006 Associate Professor and Extension Specialist, West Virginia University—Davis College Division of Forestry and Natural Resources/WVU Extension Service, Morgantown, West Virginia.
- 1995-2000 Research Scientist, Westvaco Corporation, Rupert, West Virginia.
- 08-12/1994 Instructor in Forest Resources, School of Forest Resources, The Pennsylvania State University, University Park, Pennsylvania.
- 06-08/1994 Forestry Technician (Biometrics), USDA Forest Service, Forestry Sciences Laboratory, Durham, New Hampshire.
- 01-06/1991 Research Specialist, Wisconsin Department of Natural Resources, Madison, Wisconsin.

- 05-10/1988 Forestry Technician (Silviculture/Fire), USDA Forest Service, Jefferson National Forest, Blacksburg Ranger District, Blacksburg, Virginia.
- 1985-1988 Peace Corps Volunteer, United States Peace Corps, Niamey, Republic of Niger, West Africa. Arid land forestry.
- 06-11/1984 Forestry Technician (Fire prevention and control), USDA Forest Service, Los Padres National Forest, Santa Maria, California.
- 06-09/1983 Forestry Technician (Recreation), USDA Forest Service, Los Padres National Forest, Santa Maria, California.

RESEARCH

Published Peer-Review Journal Articles

1. Heubner, C.D., Regula A.E., and **McGill, D.W.** 2018. Germination, survival, and early growth of three invasive plants in response to five forest management regimes common to US northeastern deciduous forests
2. Heubner, C.D. and **McGill, D.W.** In Press. The Importance of Disturbance versus Physiography in Defining Vegetation Composition and Predicting Possible Successional Trajectories. *Castanea* XX:XX.
3. Fegel, T., **D. McGill**, K. Gazal, and D. Smaldone. 2018. Educational Preferences of West Virginia's Female Woodland Owners. *Journal of Extension*, [Online], 56(1) Article 1RIB3. Available at: <https://www.joe.org/joe/2018february/rb3.php>
4. Deng, J., **McGill, D.**, & Arbogast, D. (2017). Perceptions of Challenges Facing Rural Communities: An Importance–Performance Analysis. *Tourism Analysis*, 22(2), 219-236.
5. Deng, J., **McGill, D.**, Arbogast, D., & Maumbe, K. (2016). Stakeholders' Perceptions of Tourism Development In Appalachian Forest Heritage Area. *Tourism Review International*, 20(4), 235-253.
6. Nobert, H. A., **McGill, D. W.**, Grushecky, S. T., Skousen, J. G., & Schuler, J. L. 2016. Salix spp. as a biomass crop: Investigating its potential on mined lands and the use of biochar as a soil amendment. *Journal American Society of Mining and Reclamation*, 5(2), 58-76.
7. Fulton, J.B., E.R. Merriam, J.T. Petty, S.T. Grushecky, S. Harouff, K.J. Hartman, and **D. McGill**. 2015. Natural and anthropogenic controls over suspended sediments within a mountainous Appalachian watershed: implications for watershed restoration. *International Journal of Forest Engineering* 26(1):24-35.
8. McCuen, M., **D.W. McGill**, K.A. Arano, and S.Owen. 2013. West Virginia Woodland Welcome Wagon: Design, implementation, and evaluation in three priority areas. *Journal of Extension*, [Online], 51(4) Article RIB5. Available at: <http://www.joe.org/joe/2013august/rb5.php>
9. Piatek, K.B. and **D.W. McGill**. 2010. Perceptions of private forest owners in West Virginia on the use of prescribed fire in forestry. *Small-scale Forestry* 9:227-241.

10. Alkan, H, M. Korkmaz, **D.W. McGill**, and M. Eker. 2010. Conflicts in benefits from sustainable natural resource management: Two diverse examples from Turkey. *J. Environ. Biol.* 31:87-96.
11. Grushecky, S.T., B.D. Spong, **D.W. McGill**, and J.W. Edwards. 2009. Reducing sediments from skid roads in West Virginia using fiber mulch mats. *North. J. Appl. For.* 26(3):118-121.
12. Steele, J., **D.W. McGill**, R.S. Chandran, W.N. Grafton, and C.D. Huebner. 2008. Landowner information associated with receiving information about invasive plants and implications for outreach providers. *Journal of Extension* Vol. 46 No. 6. Article Number 6FEA7.
13. **McGill, D.W.**, S.T. Grushecky, S. Moss, C. Pierskalla, and A. Schuler. 2008. Landowner willingness to engage in long-term timber leases in West Virginia, USA. *Small-scale Forestry* 7:105-116.
14. **McGill, D.W.**, L.G. Campbell, and C. Pierskalla. 2007. The role of the WVU Extension Service in forestry education and technical assistance. *J. Extension* Vol 45 No. 6. Article Number 6RIB6.
15. Provencher, M., **D.W. McGill**, and S.T. Grushecky. 2007. Timber harvesting characteristics on Forest Stewardship Properties and non-Forest Stewardship Properties in Central West Virginia. *Northern Journal of Applied Forestry* 24(4): 265-270.
16. Grushecky, S.T., J. Wang, and **D.W. McGill**. 2007. Influence of site characteristics and costs of extraction and trucking on logging residue utilization in southern West Virginia. *Forest Products Journal* 57(7/8):63-67.
17. Nelli, D., **D.W. McGill**, K.A. Arano, and S.T. Grushecky. 2007. Forestry consulting fees and services in West Virginia. *Northern Journal of Applied Forestry* 24(4):252-257.
18. Steele, J., R.S. Chandran, W.N. Grafton, C.D. Huebner, and **D.W. McGill**. 2006. Awareness and Management of Invasive Plants among West Virginia Woodland Owners. *J. Forestry* 104(5):248-253.
19. Grushecky, S.T., **D.W. McGill**, and B. Anderson. 2006. Inventory of wood residues in southern West Virginia. *North. J. Appl. For.* 23(1):47-52.
20. **McGill, D.W.**, C. Pierskalla, S.T. Grushecky, B.M. Jennings, and D. Lilly. 2006. Landowner satisfaction with timber harvesting on West Virginia Forest Stewardship Program properties. *North. J. Appl. For.* 23(1):6-10.
21. Selin, S. and **D.W. McGill**. 2005. The heritage area movement: Redefining opportunities for extension professionals. *J. Extension* Vol 43. No. 2
22. Jennings, B.M. and **D.W. McGill**. 2005. Evaluating the effectiveness of the Forest Stewardship Program in West Virginia: Ten-Year Assessment. *North. J. Appl. For.* 22(4): 236-242.
23. Magill, D.J., **D.W. McGill**, and R. Fraser. 2004. Refining Outreach to Woodland Owners in West Virginia—Preferred Topics and Assistance Methods. *J. Extension*. Vol. 42. No. 4.
24. **McGill, D.W.** and B. B. Brenneman. 2002. Six-year development of regenerating natural hardwood stands with herbaceous weed control. *North. J. Appl. For.* 19(1):14-21.

25. **McGill, D.W.**, A.J. Martin, R. Rogers, and P.S. Johnson. 1999. Measuring stocking in northern red oak stands in Wisconsin. *North. J. Appl. For.* 16(3):144-150.
26. Ford, W.M., M.A. Menzel, **D.W. McGill**, J. Laerm, and T.S. McCay. 1999. Effects of a community restoration fire on small mammals and herpetofauna in the southern Appalachians. *For. Ecol. and Manage.* 114:233-243.

Published Peer-Reviewed Proceedings Articles

1. Spong, B. and McGill, D. 2016. Trends of harvesting and family forest management in the state of West Virginia, USA. *Forests* No. 1583. April 2016 (In Japanese).
2. McDonald, B.D., K. Arano, B. Spong, D. McGill, K.B. Piatek. 2010. Evaluation of industrial promoted agroforestry in Andhra Pradesh and Madhya Pradesh, India. Pp. 440-456. In proceedings: Small-scale forestry in a changing world--opportunities and challenges and the role of extension and technology transfer. IUFRO Conference 3.08 Small-scale forestry, 6.06.02 Extension, 6.06.01 Technology Transfer. 06-12 June, 2010, Bled, Slovenia.
3. Riley, A.C., D.W. McGill, K.A. Arano, K.B. Piatek, and J.F. McNeel. 2010. Forest landowner willingness to pay for nontimber forest products education in West Virginia. Pp. 656-665. In proceedings: Small-scale forestry in a changing world--opportunities and challenges and the role of extension and technology transfer. IUFRO Conference 3.08 Small-scale forestry, 6.06.02 Extension, 6.06.01 Technology Transfer. 06-12 June, 2010, Bled, Slovenia.
4. Piatek, K.B and **D.W. McGill**. 2009. Attitudes of West Virginia landowners on the use of prescribed fire as a forest management tool. Pp:191-201, *In: IUFRO 3.08 Small Scale Forestry Symposium Proceedings*, June 7-11, 2009, Morgantown, West Virginia.
5. Magill, D.J. and **D.W. McGill**. 2009. Forestry Flix: Evaluating the NetFlix model for accessing urban and rural populations in the central Appalachian region using a web-based DVD circulation program. Pp:147-155, *In: IUFRO 3.08 Small Scale Forestry Symposium Proceedings*, June 7-11, 2009, Morgantown, West Virginia.
6. Pomp, J.A., **D.W. McGill**, and T.M. Schuler. 2008. Investigating the relationship between bole scorch height and fires intensity variables in the ridge and valley physiographic province, West Virginia. In Jacobs, Douglass F.; Michler, Charles H., eds. 2008. **Proceedings, 16th Central Hardwood Forest Conference**; 2008 April 8-9; West Lafayette, IN. Gen. Tech. Rep. NRS-P-24. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station. Pp. 506-515. [CD-ROM].
7. **McGill, D.W.**, W.N. Grafton, and J.A. Pomp. 2008. Managing Japanese stiltgrass dominated communities in the ridge and valley physiographic province in eastern West Virginia. In Jacobs, Douglass F.; Michler, Charles H., eds. 2008. **Proceedings, 16th Central Hardwood Forest Conference**; 2008 April 8-9; West Lafayette, IN. Gen. Tech. Rep. NRS-P-24. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station. pp. 483-490. [CD-ROM]
8. Eck, W. and **D. McGill**. 2007. Testing the Efficacy of Triclopyr and Imazapyr Using Two Application Methods for Controlling Tree of Heaven along a West Virginia Highway. Pp. 163-168. In: Buckley, David S.; Clatterbuck, Wayne K., eds.. *Proceedings, 15th*

- central hardwood forest conference. e-Gen. Tech. Rep. SRS-101. U.S. Department of Agriculture, Forest Service, Southern Research Station. 770 p.
9. Grushecky, S.T, **D.W. McGill**, W. Grafton, J. Edwards, and L. Tager. 2007. Reclamation of skid roads with native vegetation and mulch mats: Effects on sedimentation. Pp. 116-121. In: Buckley, David S.; Clatterbuck, Wayne K., eds.. Proceedings, 15th central hardwood forest conference. e-Gen. Tech. Rep. SRS-101. U.S. Department of Agriculture, Forest Service, Southern Research Station. 770 p.
 10. Magill, D.J., **D.W. McGill**, S.T. Grushecky, and B.M. Jennings. 2004. Establishment, growth, and implementation of the Forest Stewardship Program in West Virginia. Pp 276-281, In Proceedings. 14th Central Hardwood Forest Conference; 2004. Yaussy, Daniel A.; Hix, David M.; Long, Robert P.; Goebel, P. Charles, eds. March 16-19, 2004; Wooster, OH. Gen. Tech. Rep. NE-316. Newtown Square, PA:U.S. Department of Agriculture. Forest Service. Northeastern Research Station. 539 p.
 11. Grushecky, S.T., **D.W. McGill**, B. Anderson, and S. Perkins. 2004. Relationship between logging residue accumulations and site characteristics in southern West Virginia. Pp 154-161, In Proceedings. 14th Central Hardwood Forest Conference; 2004. Yaussy, Daniel A.; Hix, David M.; Long, Robert P.; Goebel, P. Charles, eds. March 16-19, 2004; Wooster, OH. Gen. Tech. Rep. NE-316. Newtown Square, PA:U.S. Department of Agriculture. Forest Service. Northeastern Research Station. 539 p.
 12. **McGill, D.W.**, M.A. Westfall, S.A. Gartin, K.S. O'Dell, and H.N. Boone. 2004. Identifying Priority Forest Management Issues in West Virginia—A Survey of State Service Foresters at various administrative levels Pp 282-286, In Proceedings. 14th Central Hardwood Forest Conference; 2004. Yaussy, Daniel A.; Hix, David M.; Long, Robert P.; Goebel, P. Charles, eds. March 16-19, 2004; Wooster, OH. Gen. Tech. Rep. NE-316. Newtown Square, PA:U.S. Department of Agriculture. Forest Service. Northeastern Research Station. 539 p.
 13. Brooks, J.R. and **D.W. McGill**. 2004. Evaluation of multiple fixed area plot sizes and BAFs in even-aged hardwood stands. Pp 94-100, In Proceedings. 14th Central Hardwood Forest Conference; 2004. Yaussy, Daniel A.; Hix, David M.; Long, Robert P.; Goebel, P. Charles, eds. March 16-19, 2004; Wooster, OH. Gen. Tech. Rep. NE-316. Newtown Square, PA:U.S. Department of Agriculture. Forest Service. Northeastern Research Station. 539 p.
 14. Jennings, B.M., **D.W. McGill**, S.T. Grushecky, D.J. Magill, and D. Lilly. 2004. Landowner perspectives on attributes of the West Virginia Forest Stewardship Program. Pp 271-275, In Proceedings. 14th Central Hardwood Forest Conference; 2004. Yaussy, Daniel A.; Hix, David M.; Long, Robert P.; Goebel, P. Charles, eds. March 16-19, 2004; Wooster, OH. Gen. Tech. Rep. NE-316. Newtown Square, PA:U.S. Department of Agriculture. Forest Service. Northeastern Research Station. 539 p.
 15. Magill, D.J., R. Fraser, and **D.W. McGill**. 2003. Assessing West Virginia NIPF owner characteristics and their preferred forest management assistance topics. Pp. 375-381. Van Sambeek, J.W.; Dawson, Jeffrey O.; Ponder, Felix, Jr.; Loewenstein, Edward F.; Fralish, James S., eds. 2003. Proceedings, Thirteenth Central Hardwood Forest conference;

2002 April 1-3; Urbana, IL. Gen. Tech. Rep. NC-234. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Research Station. 565 p.

16. **McGill, D.W.**, R. J. Collins, and W. P. Carson. 2003. Response of pin cherry (*Prunus pensylvanica* L.f.) to fire canopy disturbance, and deer herbivory on the Westvaco Wildlife and Ecosystem Research Forest. Pp. 282-290. Van Sambeek, J.W.; Dawson, Jeffrey O.; Ponder, Felix, Jr.; Loewenstein, Edward F.; Fralish, James S., eds. 2003. Proceedings, Thirteenth Central Hardwood Forest conference; 2002 April 1-3; Urbana, IL. Gen. Tech. Rep. NC-234. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Research Station. 565 p.
17. **McGill, D.W.** and T. M. Schuler. 2003. USDA Forest Service Farm Woodlands Case Study—50 Year Results from West Virginia. Pp. 64-74. Van Sambeek, J.W.; Dawson, Jeffrey O.; Ponder, Felix, Jr.; Loewenstein, Edward F.; Fralish, James S., eds. 2003. Proceedings, Thirteenth Central Hardwood Forest conference; 2002 April 1-3; Urbana, IL. Gen. Tech. Rep. NC-234. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Research Station. 565 p.

Peer-Reviewed Manuscripts in Review/Preparation.

1. [McGill, D., Voss, E. & Smaldone, D. Defining successful forest regeneration from the perspective of West Virginia natural resource professionals. To be submitted to the *Journal of Forestry*. \(In development\)](#)

Edited, Non-Refereed Publications

1. **McGill, D.W.**, Grushecky, S. T., Moss, S., Pierskalla, C. and Schuler, A.. 2007. Landowner Willingness To Engage In Long-Term Timber Leases In West Virginia, USA. Pp. 267-271. In: Steve Harrison, Annerine Bosch and John Herbohn Improving the Triple Bottom Line Returns from Small-scale Forestry, Ormoc, the Philippines, 18-21 June, 2007.
2. Pomp, J., D. McGill, W. Grafton, R. Chandran and R. Richardson. (*In Press*) Effects of control treatments on survival and growth of Japanese Stilt Grass in the Appalachians. Pp: #-#. In Proceedings, 14th Biennial Southern Silviculture Research Conference, Feb. 26-Mar 1, 2007. Athens, Georgia.
3. Schuler, T.M.; **McGill, D.W.** 2007. Long-term assessment of financial maturity, diameter-limit selection in the central Appalachians. Res. Pap. NRS-2. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northern Research Station. 16 p.
4. McCann, D.P., **D.W. McGill**, T.M. Schuler, and W.M. Ford. 2006. Short-term effects of springtime prescribed fires on adult populations of soil-emerging weevils in central Appalachian hardwood stands. Pp: 490-495. In: Connor, Kristina F., ed. 2006. Proceedings of the 13th biennial southern silvicultural research conference. Gen. Tech. Rep. SRS-92. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station. 640 p.
5. **McGill, D.W.**, D.J. Magill, J. Kochenderfer, W. M. Ford, and T. Schuler. 2004. Information transfer during the timber transaction period in West Virginia, USA. In Proceedings “Communication Strategies” IUFRO Forestry Extension Conference, Orvieto, Italy

September 2004. Available online: <http://www.iufro.org/download/file/842/3176/60602-orvieto04-proceedings.pdf>.

6. Balandier, P. and **D. McGill**. 2004. Richesse et faiblesse des forêts feuillus appalachiennes de l'Est américain. Forêt-Entreprise No. 156, Avril 2004.
7. **McGill, D.W.**, V.L. Ford, and J.F. McNeel. 2004. Early development of a species test established on surface mines thirty years post-reclamation. Pp 1227-1238. In Proceedings, National Meeting of the American Society of Mining and Reclamation and the 25th West Virginia Surface Mine Drainage Task Force (R. Barnhisel, ed.), April 18-24, 2004, Morgantown, WV.
8. Jennings, B., D.J. Magill, **D.W. McGill**, and J. Warren. 2003. (Abstract) Patterns of Forestland owner participation in the West Virginia Forest Stewardship Program. Pp.105-106. Van Sambeek, J.W.; Dawson, Jeffrey O.; Ponder, Felix, Jr.; Loewenstein, Edward F.; Fralish, James S., eds. 2003. Proceedings, Thirteenth Central Hardwood Forest conference; 2002 April 1-3; Urbana, IL. Gen. Tech. Rep. NC-234. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Research Station. 565 p.
9. **McGill, D.W.**, V. L. Ford, R. Collins, W. Carson, and W. M. Ford. 2002. Controlling Pin Cherry (*Prunus pensylvanica* Lf.) in Central Appalachian Hardwood Stands. (Popular summary) Fourth International Conference on Vegetation Management: Technical, Environmental, and Economic Challenges, Nancy, France. June 17-21, 2002.
10. **McGill, D.W.** and E.T. Bridge. 1998. Growing season effects on loblolly pine near Parkersburg, WV. pp. 333-337. In Proceedings of the Ninth Biennial Southern Silviculture Research Conference, (T. A. Waldrop, ed.), Clemson, South Carolina, Feb. 25-27, 1997. USDA Gen. Tech Rep. SRS-20.

Other Research Reports and Papers (pre-2001); n.b.: research conducted with Westvaco Corporation was proprietary in nature. Titles are given to represent the range of activities accomplished while employed from June 1995 until December 2000.

McGill, D.W and B.B. Brenneman. 2001. Observations of sprouting from young pin cherry (*Prunus pensylvanica* L.f.) root segments. Westvaco Appalachian Forest Research Center Technical Memorandum No. TM-01-11.

Ford, V. L., D.W. McGill, B. B. Brenneman, and E. T. Bridge. 2001. Eight-year response of loblolly pine to herbaceous and woody competition control in the Parkersburg Area. Westvaco Appalachian Forest Research Center Research Report No. 101. 14 p.

McGill, D.W., and E.D. Dasher. 2001. Response of planted black cherry and yellow-poplar to soil amendments and fencing—end of first growing season. Westvaco Appalachian Forest Research Center Information Sheet No. WV-88. 3 p.

McGill, D. W., R. J. Collins, and W. P. Carson. 2000. (Abstract) Response of pin cherry (*Prunus pensylvanica* L.f.) to fire, canopy disturbance, and deer herbivory on the Westvaco

Wildlife and Ecosystem Research Forest. (Presented at the Fire, People and the Central Hardwood Landscape Conference, Richmond, KY).

- McGill, D. W. 2000. Response of hybrid poplar to weed control in the Parkersburg Area of the Appalachian Forest—Third-Year Results. Westvaco Appalachian Forest Research Center Information Sheet No. WV-88. 3 p.
- McGill, D.W. 2000. Fire cherry seed germination response to low-level nitrogen applications. Westvaco Appalachian Forest Research Center Research Report No. 100. 10 p.
- McGill, D.W. 1999. Response of hybrid poplar to weed control in the Parkersburg Area of the Appalachian Forest—Second-Year Results. Westvaco Appalachian Forest Research Center Technical Memorandum No. TM-99-19. 8 p.
- McGill, D.W. and V.L. Ford. 1999. Influence of landtype on six-year survival and growth of loblolly pine and competing vegetation in the Parkersburg Area. Westvaco Appalachian Forest Research Center Research Report No. 98. 15 p.
- McGill, D. W. 1999. Fire cherry seedling mortality under an intact high forest canopy following wildfire. Westvaco Appalachian Forest Research Center Information Sheet No. WV-87. 3 p.
- McGill, D.W. and V.L. Ford. 1999. First- and second-season herbaceous weed control screening in the Parkersburg Area—five year report. Westvaco Appalachian Forest Research Center Research Report No. 97. 11 p.
- McGill, D.W., E. D. Dasher, and D. A. Abston. 1999. Fire cherry thinning demonstration plots: seven-year summary. Westvaco Appalachian Forest Research Center Technical Memorandum TM-99-9. 13 p.
- McGill, D.W. and V.L. Ford. 1999. Five-year growth of pitch × loblolly pines in the soil displacement study. Westvaco Appalachian Forest Research Center Information Sheet No. WV-86. 3 p.
- McGill, D.W. 1999. Book Review: Ecology and Management of Central Hardwood Forests. by Ray R. Hicks, Jr. 1998. John Wiley & Sons, Inc. 412 p. For. Sci. 45(2):315-316.
- McGill, D.W., E.T. Bridge, and J.B. Hudson. 1999. Understory fire effects on pin cherry (*Prunus pensylvanica* L.f.) seed germination. (Abstract) In: Proceedings, 12th central hardwood forest conference; 1999 February 28-March 1-2; Lexington, KY. Gen. Tech. Rep. SRS-24. Asheville, NC: U.S.D.A. Forest Service, Southern Research Station. 293 p.
- McGill, D.W. and V.L. Ford. 1998. Effects of surfactants on pine release in West Virginia: Fifth-year report. Westvaco Appalachian Forest Research Center Research Report No. 96. 8 p.
- McGill, D.W. 1998. Six-year development of regenerating natural hardwood stands with herbaceous weed control. Westvaco Appalachian Forest Research Center Research Report No. 95. 21 p.
- McGill, D.W., B.B. Brenneman, and E.D. Dasher. 1998. Surface mine site preparation methods and species field performance in southeastern West Virginia. Westvaco Appalachian Forest Research Center Information Sheet No. WV-85. 2 p.

- McGill, D.W., B.B. Brenneman, and E.D. Dasher. 1998. Ten-year results of species and site preparation methods on reclaimed surface mines in southeastern West Virginia. Westvaco Appalachian Forest Research Center Research Report No. 94. 23 p.
- McGill, D.W. and J.B. Hudson. 1997. Effects of fire on fire cherry germination. Westvaco Appalachian Forest Research Center Information Sheet WV-84. 3p.
- McGill, D.W. and E.T. Bridge. 1997. Residual soil effects of Arsenal and Garlon on hybrid poplar in Parkersburg, WV. Westvaco Appalachian Forest Research Center Technical Memorandum. TM-97-3. 9p.
- McGill, D.W. and E.T. Bridge. 1996. Effects of shortened growing season on loblolly pine near Parkersburg, WV. Westvaco Appalachian Forest Research Center Research Report No. 92. 17 p.
- McGill, D.W. and S.B. Jones. 1996. Backcasting to reconstruct historic woodlots at Gettysburg National Military Park. USDI National Park Service Technical Report NPS/MARGETT/NRTR-96/072, 75p.
- McGill, D.W. and E.T. Bridge. 1996. Multiple precommercial thinnings in Southeastern West Virginia. Westvaco Appalachian Forest Research Center Technical Memorandum. TM-96-5. 11 p.
- McGill, D.W., S.B. Jones, and S.E. Fairweather. 1996. Recreating Gettysburg Woodlots: Backcasting as an Investigative Tool. (Abstract) *In* Proceedings of the Soc. Am. For. National Convention.
- McGill, D.W. 1995. Evaluating competition indices for improving Allegheny hardwood growth equations. Ph.D. dissertation. The Pennsylvania State University. 175 p.
- McGill, D.W., S.B. Jones, and C.A. Nowak. 1995. Identification of canopy strata in Allegheny hardwood stands. (Abstract) pp. 547. *In* Proceedings: 10th Central Hardwood Forest Conference; March 5-8, Morgantown, WV. Gen. Tech. Rep. NE-197.
- Stout, S.L., C.A. Nowak, D.S. deCalesta, T.M. Schuler, S.B. Jones, and D.W. McGill. 1994. Hardwood crop planning: Relative density guidelines for eastern Ontario hardwood stands. Information Report No. 12, Eastern Ontario Model Forest Network, Kemptville, Ontario.
- McGill, D.W., D.S. Solomon, and W.B. Leak. 1993. Simulating two harvesting strategies in mixedwood stands on spruce-fir habitat with FIBER 3.0 (Abstract). *In* proceedings: Modeling Stand Response to Silvicultural Practices. Blacksburg, VA. September 27-31, 1993.
- Martin, A. J., D. W. McGill, and A. Phibbs. 1992. Red oak regeneration in southwest Wisconsin. For. Res. Notes. Univ. of Wisconsin-Madison. Department of Forestry. 8 p.
- McGill, D.W., A.J. Martin, R. Rogers, and P.S. Johnson. 1991. New stocking charts for northern red oak. For. Res. Notes. Univ. of Wisconsin-Madison. Department of Forestry. 8 p.
- McGill, D.W. 1991. Stocking relationships of northern red oak in Wisconsin. M.S. Thesis. University of Wisconsin-Madison. 50 p.
- McGill, D.W. and A.J. Martin. 1990. "Arb-up" when selecting forest measurement tools. University of Wisconsin-Extension. Forestry Facts No. 49. 4 p.

McGill, D.W. and A.J. Martin. 1990. The managed forest law: a good deal for you? University of Wisconsin-Extension. Forestry Facts No. 50. 4 p.

McGill, D.W. 1985. The effect of acorn size on seedling growth in coast live oak (*Quercus agrifolia*). Senior project. California Polytechnic State University, San Luis Obispo. 28 p.

Funded Proposals (2001-2011)

1. McGill, D.W. and B.D. Spong. 2011. Friends of firewood: Building an educational network among commercial harvesters dealers, buyers, and transporters of WV domestic fuel wood. USDA Redesign Grant through WV DOF. Awarded: \$115,183.
2. McGill, D.W. 2011. West Virginia Woodland Welcome Wagon 2011 Call Before You Cut Expansion Project. WV Division of Forestry. Awarded: \$17,250.
3. McGill, D.W., E. Heitzman, M. Strager. 2011. West Virginia Forest Regeneration Project: Pilot Assessment. WV Division of Forestry. Awarded: \$18,500.
4. McGill, D.W. 2011. West Virginia Forest Stewardship Program, Outreach and Education Project Operating Expenses. WV Division of Forestry. Awarded: \$17,640.
5. McGill, D. 2010. Developing the road to new woodland owners: Establishing the woodland welcome wagon in West Virginia. WV Division of Forestry. Awarded: \$59,433.
6. Park, Y., W. MacDonald, **D. McGill**, R. Chandran, S. Gururajan, and R. Turcotte. 2009. Early Detection of Invasive Species Using Geospatial and Aerospace Technologies. WVU Environmental Research Center. Awarded: \$19,516.
7. **McGill, D.** and C. Huebner. 2009. Evaluation of forest species composition and northern red oak establishment across two physiographic provinces/JVA for a larger AFRI project. USDA Forest Service Northern Research Station. Awarded: \$34, 606.
8. **McGill, D.W.** 2009 IUFRO 3.08 SSF SPDC. Funding Agency: IUFRO Special Programme for Developing Countries. Awarded: \$5000
9. **McGill, D.W.**, K.B. Piatek, K.A. Arano, and B. Spong. Faculty Development Grant for IUFRO 3.08 Small-Scale Forestry International Symposium Support. Funding Agency: Davis College Daniel C. & Elizabeth D. Brown Faculty Development Fund. Awarded: \$3000.
10. **McGill, D.W.**, K.B. Piatek, K.A. Arano, and B. Spong. 2009 IUFRO 3.08 Small-scale Forestry Symposium. Funding Agency: USDA Forest Service. Awarded: \$5000
11. **McGill, D.**, D. Richmond, B. Loyd, and J. Kays. 2008. Global positioning systems (GPS) training for foresters and landowners. Funding Agency: WVU Extension Service. Awarded: \$1973.
12. **McGill, D.**, C. Talbott, R. Wallbrown, and B. Brabham. 2008. Evaluating potentials of small-scale maple syrup production in West Virginia. Funding Agency: WVU Extension Service. Awarded: \$2000.

13. **McGill, D.**, B. Wickline, F. Irvine, S. Hamric, J. Jones, D. Koener. 2008. Nontimber forest products demonstration site maintenance and outreach. Funding Agency: WVU Extension Service. Awarded: \$1994.
14. **McGill, D.**, C. Stemple, H.R. Scott, E. Heitzman, A. Perkey, and A. Dick. 2008. Cooper's Rock Crop Tree Demonstration Area. Funding Agency: WVU Extension Service. Awarded: \$1767.
15. **McGill, D.W.** and S. Grushecky. 2008. WV DOF Forest Stewardship Program Outreach and Education Program. Funding Agency: West Virginia Division of Forestry. Awarded: \$56,452.
16. Hamrick, S., **D. McGill**, and K. Piatek. 2008. Forest Soils: Promoting understanding of what lays beneath the litter. Funding Agency: WVU Extension Service. Awarded: \$1500.
17. Deng, J, **D. McGill**, T. Gale, P. Baxter, and G. Plaugher. 2008. Appalachian Forest Heritage Area tourism development: Defining the role of heritage area community leaders. Funding Agency: WVU Extension Service. Awarded: \$2500.
18. Piatek, K., L. Campbell, **D. McGill**, and L. Campbell. 2008. Promoting wood as a renewable energy source—A local solution to global warming. Funding Agency: WVU Extension Service. Awarded: \$1500.
19. Whetsell, R., P. Baxter, **D. McGill**, and D. Smaldone. 2008. Rothkugel plantation conservation/ Interpretive plan and research project. Funding Agency: WVU Extension Service. Awarded: \$2000.
20. **McGill, D.** and D. Magill. 2007. A forest conservation outreach program using the Netflix model in West Virginia and western Maryland. Funding Agency: CSREES. Awarded: \$67,000.
21. Wang, J.X., **D.W. McGill**, and J. McNeel. 2007. Development of an outreach program to promote wood residue utilization for bioenergy in West Virginia funding Agency: ARC/SARE 2007 Appalachian Initiative. Awarded in 2007: \$24,962
22. Edwards, J., S. Grushecky, B. Spong, **D. McGill**, and W. Grafton. 2006. Vegetation restoration recommendations for the Yeager Airport Expansion Project: Phase I. Central West Virginia Regional Airport Authority. \$29, 824.
23. **McGill, D.W.**, W. Grafton, R. Chandran, and T. McCutcheon. 2006. West Virginia Invasive Plant Ecology and Control Training Video. USDA FS State and Private \$5,000.
24. Piatek, K., K. Arano, and **D. McGill**. 2006. Internationalization of Forestry Education: Improving Global Competancy of West Virginia Students and Faculty. USDA CSREES. \$98,006.
25. **McGill, D.W.** and S.T. Grushecky. 2006. WV Forest Stewardship Program Education and Outreach Project 2006. West Virginia Division of Forestry. \$45,005.
26. Plaugher, G., **D.W. McGill**, and D. Smaldone. 2006. Developing a “How-to” Instructional Booklet for Hosting Educational Forestland Tours. WVU Extension Service Seed Grant. \$1,750.

27. **McGill, D.W.**, S.T. Grushecky, and J.R. Brooks. 2006. Year2: Assessing landtype productivity differences among landclassification units in natural hardwood stands in West Virginia. MeadWestvaco Corporation. \$35,000.
28. **McGill, D.W.**, C. Pierskalla, and E. Grafton. 2006. Success and challenges of Christmas tree production: Identifying “life cycles” and “what works” through oral histories. WVU Extension Service Seed Grant. \$1,750.
29. **McGill, D.W.**, J.F. McNeel, K. Piatek, and K. Arano. 2005. Promoting non-timber forest products in West Virginia. WV Division of Forestry. \$36,268.
30. **McGill, D.W.** and S.T. Grushecky. 2005. WV Forest Stewardship Program Education and Outreach Project 2006. West Virginia Division of Forestry. \$45,000.
31. **McGill, D.W.**, S.T. Grushecky, and J.R. Brooks. 2005. Assessing landtype productivity differences among landclassification units in natural hardwood stands in West Virginia. MeadWestvaco Corporation.\$35,000.
32. **McGill, D.W.** and J.Brooks. 2005. Meet the forest resources faculty seminar tour. WV Division of the Society of American Foresters. \$800.
33. **McGill, D.W.** and S.T. Grushecky. 2005. Woods to Goods: Creating a web-based forest industry community. USDA FS. \$31,398 (subcontract to Virginia Tech).
34. **McGill, D.W.** and C. Pierskalla. 2005. Influence of education on perception of scenic beauty. WVU Extension Service Seed Grant. \$1,750.
35. **McGill, D.W.** and W. Eck. 2004. Developing Treatment Windows for Effective and Environmentally Sound Herbicide Applications for Controlling Tree-of-Heaven. WVU IPM Minigrants program \$1,200.
36. Fitzwater, L., **D.W. McGill**, S.T. Grushecky, and J.Wang.,2004 “Interactive CD Highlighting Forest Stewardship in West Virginia”, USDA Forest Service \$14,863.
37. Grushecky, S. T. and **D.W. McGill**. 2003. Year 2 Funding for “An Enhanced Protocol for Forest and Geo-Spatial Data Collection on West Virginia’s Stewardship Properties.” West Virginia Division of Forestry. \$40,100.
38. McNeel, J., and **D.W. McGill**. 2003. Year 2 Funding for “Developing Relevant Forestry Assistance Programs for Non-Industrial Private Forest (NIPF) Owners in West Virginia: State Fiscal Year 2002.” West Virginia Division of Forestry. \$25,581.
39. **McGill, D.W.** and D.J. Magill. 2003. Year 2 Funding for “History and Impact of Stewardship Management Plans in West Virginia.” West Virginia Division of Forestry. \$23,605.
40. **McGill, D.W.**, S.T. Grushecky, W.N. Grafton, and D.J. Magill. 2003. SARE 2002: Timber to Truffles—A Field Workshop on Traditional and Alternative Forest Products. \$61,614
41. Grushecky, S.T., **D.W. McGill**, W.N. Grafton, S. Milauskas, and J. Edwards. 2003. Vigorous establishment of native vegetation on landings and skid roads: a cooperative effort through demonstration, financial, and technical assistance. \$107,090.

42. **McGill, D.W.** and J.X. Wang. 2002. Service Learning. 2002. Linking Forest Heritage Communities through Coordinated Webpage Development. \$9600
43. **McGill, D.W. 2002.** Hatch Project. Investigating impacts of site, disturbance, and silvicultural weeding treatments on invasive *Ailanthus altissima* in high-valued woodlands. \$56,000.
44. **McGill, D.W.** and W.N. Grafton. 2002. Proposal to establish the COVERTS project in West Virginia. Ruffed Grouse Society \$10,000.
45. B. Anderson, S.T. Grushecky, and **D.W. McGill.** 2001. Wildland fires in West Virginia: A planning approach for management and control. WV Division of Forestry/USDA Forest Service \$64,240.
46. Grushecky, S.T., K. Hartman, **D.W. McGill,** and T. Petty. 2001. Controlling Sedimentation in Forested Watersheds: Towards Linking Forest Stewardship Program Participation With Sediment TMDL's in the Upper Elk River, West Virginia. Watershed and Clean Water Challenge Grants, USDA Forest Service State and Private. \$94,000.
47. **D.W. McGill,** J. Kochenderfer, W.M. Ford, T. Schuler, and J. Baumgras. 2001. A Survey to Evaluate Silviculture Information Conveyed to Nonindustrial Private Landowners During Timber Sale Transactions. USDA Forest Service, Northeastern Research Station. \$15,000.
48. Goldman, T.L., **D.W. McGill,** and K.E. Martin. 2001. "Developing a Forestry Heritage Trail in West Virginia & Western Maryland: Integrating Central Appalachian Forest History, Culture, Handicrafts, Management, Ecology and Industrial Production into a Multi-State Tourism Initiative to Promote Rural Community Development." USDA CSREES Fund for Rural America \$537,648.
49. Grushecky, S.T. and **D.W. McGill.** 2001. "An Enhanced Protocol for Forest and Geo-Spatial Data Collection on West Virginia's Stewardship Properties." West Virginia Division of Forestry. \$22,181.
50. McNeel, J., and **D.W. McGill.** 2001. "Developing Relevant Forestry Assistance Programs for Non-Industrial Private Forest (NIPF) Owners in West Virginia: State Fiscal Year 2002." West Virginia Division of Forestry. \$25,581.
51. **McGill, D.W.** and D.J. Magill. 2001. "History and Impact of Stewardship Management Plans in West Virginia." West Virginia Division of Forestry. \$27,232.

Supervised Thesis Projects

1. Brian Jennings (2002-2003)

MS Thesis: Jennings, B.M. 2003. Implementation of recommended Forest Stewardship Program practices in West Virginia: Ten-year assessment. 60p.

Products: 2 peer-reviewed manuscripts; two peer-reviewed proceedings papers.

2. Matthew Provencher (2002-2004)

MS Thesis: Provencher, M.A. 2004. Comparison of forest road characteristics between Forest Stewardship properties and non-Forest Stewardship properties in central West Virginia. 111p.

Products: 1 peer-reviewed manuscripts (*In Press*)

3. William Eck (2004-2005)

MS Thesis: Eck, W. 2005. Investigating treatment windows for effective and environmentally sound herbicide applications for controlling tree-of-heaven. 61p.

Products: 1 peer-reviewed manuscript (*In Preparation*); One peer-reviewed proceedings paper.

4. David McCann (2004-2005)

MS Thesis: McCann, D.P. 2005. Using GIS and landowner survey to determine if the Forest Stewardship Program is effective at generating involvement in forest health issues in West Virginia.

Products: 1 peer-reviewed manuscript (*In Preparation*); One edited proceedings paper.

5. Dheeraj Nelli (2004-2005)

MS Thesis: Nelli, D. 2005. Consulting foresters of West Virginia: A profile of services and fees. 55p.

Products: 1 peer-reviewed manuscript (*In Press*).

6. Adam Riley (2005-2008)

MS Thesis: Promoting non-timber forest products in West Virginia.

7. Jonathan Pomp (2007-2008)

MS Thesis: Interaction of fire and invasive species.

Products: One edited proceedings paper; one peer-reviewed proceedings paper.

8. Kristin Lockerman (2007-2008)

MS Thesis: Assessment of secondary forestry education in West Virginia.

9. Amanda Lynch (2008-2009)

MS Thesis: Control of Asiatic bittersweet.

10. Elizabeth Tichner (2008-2009)

MS Thesis: Forest Stewardship Program telephone survey.

11. Ellen Voss (2010–expected completion 2012)

MS Thesis: WV Forest regeneration assessment

12. Megan McCuen (2010–expected completion 2012)

MS Thesis: Cross-boundary landowner survey

13. Terry Burhans (2010–expected completion 2012)

MS Thesis: Invasive species control

14. Adam Regula (2011 – expected completion 2013)

MS Thesis: Red oak seedling plantings in various physiographic provinces

15. Elizabeth Basham (2012 – expected completion 2013)

MS Thesis: Friends of firewood project

16. Ana Maria Erazo (2012 – expected completion 2014)

MS Thesis: Landscape scale forest stewardship

17. Tiffany Fegel
18. Valerie Grant
19. Adam Maltempie
20. Agnes Kedmenecz
21. Walter Buck
22. Ryon Birtsch

PROFESSIONAL AFFILIATIONS/AWARDS/RECOGNITION

Faculty Service Award 2011, WVU Division of Forestry and Natural Resources.
Faculty Service Award 2005, WVU Division of Forestry and Natural Resources.
Developing Researcher Award, WVU Extension Service, Fall 2005.
Faculty Service Award 2003, WVU Division of Forestry.
4H National Forestry Invitational, Committee Member, 2001-present
Association for Natural Resources Extension Specialists, 2001-present
Northern Journal of Applied Forestry, Assoc. Editor/Silviculture and Regeneration, 1996-2001
Society of American Foresters, 1983 to present
Ecological Society of America, 1997 to present.
West Virginia Registered Forester No. 392, April 10, 1997.
West Virginia Forestry Association, 1995-present
WV Commercial Pesticide Applicators License, Category 11, Demonstration and Research
(#C03755, 1997-2001; #O01515 2001 to present)
Xi Sigma Pi, Forestry Honor Society