

Joseph F. McNeel

Director, Appalachian Hardwood Center
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Academic Rank, specialization, appointment basis:

Professor & Director, 9-month appointment, tenured (1997-2018)

Academic education background:

Ph.D., Virginia Tech, Industrial Forest Operations, 1984
M.S., Virginia Tech, Industrial Forest Operations, 1981
B.S., West Virginia University, Forest Management, 1979

Professional and research experience:

Director, Appalachian Hardwood Center: 2016-current
Director, Division of Forestry & Natural Resources, WVU: 1997-2016
Associate Professor, Faculty of Forestry, UBC, Vancouver, BC: 1996-1997
Senior Researcher, Forest Engineering Research Institute of Canada: 1996-1997
Research Engineer, PNW Research Station, USDA Forest Service: 1992-1996
Adjunct Assoc. Professor, College of Forest Resources, UW, Seattle, WA: 1992-1996
Assistant Professor, Faculty of Forestry, UBC, Vancouver, BC: 1989-1992
Assistant Professor, School of Forest Resources, UGA, Tifton, GA: 1984-1989

Dates of appointment and promotions at present institution:

Professor: 2005
Associate Professor: 1997

Publications since 2009:

- Hassler, Curt, S. Grushecky, Larry Osborn, and Joseph McNeel. 2018. Hardwood Log Grading In The Us: An Historical Perspective. Forest Products Journal. **(In Review)**.
- Hassler, Curt, S. Grushecky, Larry Osborn, and Joseph McNeel. 2018. Hardwood Log Grading In The Us: A Hardwood Industry Perspective. Forest Products Journal. **(In Review)**.
- Levente Denes, E. Lang, and J. McNeel. 2017. Development of Veneer-based Corrugated Composites, Part 1: Manufacture and Basic Material Properties. BioResources 12(1): pp. 774-784
- Levente, Denes, E. Lang, J. McNeel, and B. McGraw. 2017. Development of Veneer-based Corrugated Composites, Part 2: Evaluation of Structural Joints and Applications. BioResources 12(2): pp. 3478-3489

Wu, Jinzhuo, J. Wang, and J. McNeel. 2011. Economic modeling of woody biomass utilization for bioenergy and its application in central Appalachia. *Canadian Journal of Forest Research* 41:165-179 (2011)

Deng, J., K. Arano, C. Pierskalla, and J. McNeel. 2010. Linking urban forests and urban tourism: A case of Savannah, Georgia. *Tourism Analysis*. (15) 167-181.

Adams, M., J. McNeel, and C. Rodriguez-Franco (eds). 2010. Meeting current and future conservation challenges through the synthesis of long-term silviculture and range management research. USDA For. Svce. Gen. Tech. Report WO-84. 82 p.

Cheng, Q., J. Wang, J. McNeel, and P. Jacobson. 2010. Water retention value measurements of cellulosic materials using a centrifuge technique. *BioResources*. 5(3): 1945-1954.

Adebayo, A., J. Wang, B. Dawson-Andoh, J. McNeel, and J. Armstrong. 2009. Assessments of Appalachian hardwood residue properties and potentials for bioenergy utilization. *Wood and Fiber Science*. 41(1):1-10.

Off-campus consulting, or other professional activities, special honors, recognition, since 2008:

Outstanding Alumnus Award. WVU Division of Forestry & Natural Resources Alumni Association. 2018.

Member, National Forest Research Advisory Council of the USDA Secretary of Agriculture: 2005-2008.

NAUFRP Extension Chair: 2006-2010.

ECOP Forest Task Force: 2006-2009.

Co-recipient of the Bioenergy Awareness Days "Grand Challenge" Award through USDA CSREES: 2008.

Memberships and offices held in professional organizations:

Executive Board, West Virginia Forestry Association. 2018 to current.

Board of Directors, West Virginia Forestry Association. 2017 to current.

Secretary, G1 Working Group (Forest Production and Utilization) for the Society of American Foresters, 1988-1990

Chairman, Council on Forest Engineering, 1991-1992

Scientific Advisor, Finney Adaptive Management Area, USFS, 1994-1996

Member, Silvicultural Practices Committee, Forest Renewal British Columbia 1996-1997

Executive Board, West Virginia Forestry Association 1999-2000

Vice President, West Virginia Forestry Association, 1999-2000

Member, Forest Research Advisory Council, 2006-2008

Member, National Association of University Forest Resource Programs, 1997-present

National Extension Chair, National Association of University Forest Resource Programs, 2006-present

Current grants and other externally funded research:

Joseph F. McNeel, Kathryn Gazal, and Donna DeWitt. 2018-2019. Strategic Planning for a 12-county Hardwood Alliance Zone (HAZ) in West Virginia. Appalachian Regional Commission and the HAZ: \$180,000.

Joseph F. McNeel and Curt Hassler. 2018-2020. Developing and Implementing a Standardized Hardwood Log Grading, Scaling, and Yield System. USDA Forest Service State & Private Forestry. Cooperative Agreement: \$148,000

Joseph F. McNeel and D. DeWitt. 2015-2020. An Administrative Partnership between WVU and the Northeastern Area Association of State Foresters. USDA Forest Service State & Private Forestry Grant: \$1,993,104.

Joseph F. McNeel and D. DeWitt. 2016-2021. Washington Office Travel Program. USDA Forest Service State & Private Forestry Grant: \$788,512.

David DeVallance, Joseph F. McNeel, and Curt Hassler. 2018-2021. Producing CLT panels from Low Value Appalachian Hardwoods: Part 2, Demonstrating CLT Panel Production, Properties, and Use. USDA-Forest Service State & Private Forestry Cooperative Agreement: \$294,909

Joseph F. McNeel, David DeVallance, and Curt Hassler. 2017-2020. Producing CLT panels from Low Value Appalachian Hardwoods; Part 1. USDA-Forest Service State & Private Forestry Cooperative Agreement: \$112,000.