**DR. DOUGLAS JEROME GARDNER**

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**Professional Experience and Education**

Professor University of Maine 2001-present

Associate Professor University of Maine 1998- 2001

Interim Director IWR Michigan Technological University 1997-1998

Associate Professor, Institute of Wood Research (IWR) Michigan Technological University 1995-1998

Associate Professor West Virginia University 1994

Assistant Professor West Virginia University 1988-1994

Post-Doctoral Research Associate Auburn University 1986-1988

Ph.D., Wood Science and Technology Mississippi State University 1985

Certificate of Advanced Study University of Maine at Orono 1981

B. S. Forestry University of Maine at Orono 1980

**Memberships, Honors and Awards**

2019 UMaine, G. Peirce and Florence Pitts Weber Outstanding Researcher in Forest Resources

2018 SWST Distinguished Educator Award

2017 1st Place George Marra Award of Excellence, Wood and Fiber Science Research Paper

2014 SWST Distinguished Service Award

2009 Proceedings of American Composites Manufacturers Association (ACMA) Composites & Polycon 2009. Paper won the Best in Track Technical Paper Award: Green Composites.

1977 – present Forest Products Society

1983 – present Society of Wood Science and Technology (SWST)

1988 – present American Chemical Society

2015 – present Society of Plastic Engineers

**Relevant Experience**

* Gardner, D.J., J. Anderson, H. L. Tekinalp, S. Ozcan, and P. Sauerbier. 2018. Lignocellulosic-filled polymer feedstocks for large scale additive manufacturing of low cost composites. In: Proceedings of the International Forest Products Congress Trabzon, Turkey, 26-29 September 2018, pp. 12-22.
* Gardner, D. J., L. Wang and J. Wang. 2019. Additive Manufacturing of wood-based materials for composite applications. 19th Annual SPE Automotive Composites Conference and Exhibition.
* Co-developed a certificate program in Composite Materials at the University of Maine, 2020.
* Served on the Committee for Developing International Standards for Nanocellulose, 2011.
* Bhandari, S., R. A, Lopez-Anido, and D.J. Gardner. 2019. Enhancing the interlayer tensile strength of 3D printed short carbon fiber reinforced PETG and PLA composites via annealing. Additive Manufacturing. 100922.