

Tamara França
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Department of Sustainable Bioproducts
Mississippi State University
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1. EDUCATION (degree, year awarded, institution, primary focus/major)

Ph.D., Forest Resources, Mississippi State University, 2014-2017

M.S., Forest Science, Federal University of Espírito Santo, 2012-2014

MBA, Strategic Business Management, Luiz Flavio Gomes, 2011-2012

B.S., Technology in Agribusiness – Wood, State University of Para, 2008-2011

B.S., Business Administration, Metropolitana College of Marabá, 2008-2011

2. EMPLOYMENT EXPERIENCE

2019-Present, Assistant Professor, Dept. of Sustainable Bioproducts, Mississippi State University

2017-2019, Postdoctoral Associate, Dept. of Sustainable Bioproducts, Mississippi State University

2014-2017, Graduate Research Assist., Dept. of Sustainable Bioproducts, Mississippi State Univ.

3. STUDENTS MENTORED (past four years)

- Brianna Duquette
- Mercy Ogunraku
- Landon Greene

4. PRIMARY RESEARCH AREA WITH UP TO FOUR CURRENT RESEARCH PROJECTS

- Research area: Degradation and protection of wood and its effect on wood properties
- USDA Forest Services-Wood Innovation, “Expanding Markets for Timber Industrial Mats Manufactured from Hardwood Species and Cross-laminated Timber (CLT)”, \$206,12. Aug. 2, 2021 – July 31, 2023.
- USDA-FPL, "Evaluation of Decay Effect on Perpendicular to Grain Properties of Wood," \$100,000. June 26, 2019 – June 30, 2023

5. PROFESSIONAL ACTIVITIES AND ACHIEVEMENTS (Memberships, Editorial boards, professional society leadership roles, awards, honors)

- Society of Wood Science and Technology (SWST) – board director and member
- Forest Product Society (FPS) – mid-south regional board and member
- FPS/SWST – Student Chapter Advisor
- 2015, Schweighofer Students Workshop and Schweighofer Prize Award, in Vienna, Austria. Represented Mississippi State University in wood science from North American and Europe as part of a young researcher’s group to exchange ideas on technology and

innovation in the wood industry

- 2013, USDA Forest Service Cooperative Certificate of Appreciation for research contribution to the US Forest Service – Forest Products Laboratory

6. PUBLICATIONS (3-5 most important contributions (publications, seminars, graduates, etc.)

1. **França TSFA**, Stokes CE, Tank JD (2022) Development of a modified standard termite test for mass timber products. *Wood and Fiber and Science, In Press*.
2. França JNF, **França TSFA**, Vidaurre GB (2020) Effect of growth stress and interlocked grain on splitting of seven different hybrid clones of *Eucalyptus grandis* × *Eucalyptus urophylla* wood. *Holzforschung*. 74(10):917–926.
3. França JNF, **França TSFA**, Seale RD, Shmulsky R (2020) Use of longitudinal vibration and visual characteristics to predict mechanical properties of No. S Southern pine 2x8 and 2x10 Lumber. *Wood and Fiber Science*, 52(3):280-291.
4. **França TSFA**, França FJN, Seale RD, Shmulsky R (2018) Bending strength and stiffness of no. 2 grade southern pine lumber. *Wood and Fiber Science*, 50(2):205-219.
5. **França TSFA**, França FJN, Arango RA, Woodward BM, Arantes MDC (2016) Natural resistance of plantation grown African mahogany (*Khaya ivorensis* and *Khaya senegalensis*) from Brazil to wood-rot fungi and subterranean termites. *International Biodeterioration & Biodegradation*, 107:88-91.