Eva Haviarova
Department of Forestry and Natural Resources
Purdue University
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1. EDUCATION (degree, year awarded, institution, primary focus/major)
Ph.D., 2000, Wood Science and Technology, Purdue University, IN, USA
B.S., 1992, Wood Products & Furniture Design, Technical University of Zvolen, Slovakia

2. EMPLOYMENT EXPERIENCE

2020-present, Professor, Department of Forestry and Natural Resources, Purdue Univ.
2009-2019, Associate Professor, Department of Forestry and Natural Resources, Purdue Univ.
2001-2009, Assistant Professor, Department of Forestry and Natural Resources, Purdue Univ.
2004-present, Director of The Wood Research Laboratory, Department of Forestry and Natural Resources, Purdue University.
2001-2004, Manager and Director of The Wood Research Laboratory, Department of Forestry and Natural Resources, Purdue University.
1995-1997, Graduate Research Assistant, School of Forestry Wildlife and Fisheries, Louisiana State University.
1997-1993, Graduate Research Assistant, School of Wood Science and Technology, Technical University of Zvolen, Slovakia.

3. STUDENTS MENTORED (past four years)
Dr. Haviarova has guided many undergraduate students in undergraduate research and extension work. Below is the list of graduate students she advised in the last four years:
Yue Zhao (graduated 2018); Javier Lenzi (graduated 2018) Mesut Uysal (graduated 2019); Cagatay Tasdemir (graduated 2019); Kendrial Huff (graduated 2021); Fanyou Wu (graduated 2021); Steve Kenfack Wouobong (graduated 2021); Jue Mo (current); Chen Chih Cheng (current); Daniel Bollock (current); Ting-Ho Tsai (current).

4. PRIMARY RESEARCH AREA WITH UP TO FOUR CURRENT RESEARCH PROJECTS
- Adding value to hardwoods
- Sustainable product development and circular economy
- Design of wooden school furniture
- Furniture strength design

5. PROFESSIONAL ACTIVITIES AND ACHIEVEMENTS (Memberships, Editorial boards, professional society leadership roles, awards, honors)
Awards:
- Distinguished Educator Award by the International Society of Wood Science and Technology, Flagstaff, AZ, 2021.
- Nominated for the College of Agriculture Richard L. Kohls Outstanding Undergraduate Teaching Award, Purdue University, West Lafayette, IN, 2017.

- Nominated for the Faculty Engagement Scholar Award, Purdue Office of Engagement, Purdue University, West Lafayette, IN, 2017.

Leadership in Professional Societies:

- Society of Wood Science and Technology (President 2018-2019 and Board Member)
- Forest Products Society (elected Board Member 2008 – 2011)
- Indiana Hardwood Lumbermen's Association (Education Committee Member)
- Ohio Valley Section of Forest Products Society (Member)
- North American Colleges and Teachers of Agriculture (Member)

Contribution to Education:
Lead the curriculum development for the Sustainable Biomaterials - Process and Products Design major, new forestry Sustainable Biomaterials concentration, and furniture design minor. Developed and taught undergraduate courses: World Forests and Society (FNR 23000), Global Sustainability Issues (FNR 30200), Furniture Product Development and Strength Design (FNR 41910), CNC Manufacturing (FNR 48400), Identification and Basic Properties of Wood (FNR 31110); Furniture Cabinet Design and Manufacture (FNR 419100), Study Abroad Courses: Forestry and Forest Products Sustainability Issues in Central America, and Europe.

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

Selected Extension Publications:

Haviarova, E., C.A. Eckelman and D.E. Warner. 2015. How to Build a Simple Chair for Schools or Homes in Disadvantaged Areas of the World Using Local Resources and Low-End Technology. Extension Publication FNR-499-W, Purdue University, Lafayette, IN. 6 pg. https://mdc.itap.purdue.edu/item.asp?Item_Number=FNR-499-W

Haviarova, E. and C.A. Eckelman. 2014. Light-Timber Frames for Transitional Disaster-Relief Housing. Extension Publication FNR-493-W, Purdue University, Lafayette, IN. 6 pg. https://mdc.itap.purdue.edu/item.asp?Item_Number=FNR-493-W

Cassens, D., **Haviarova, E.** and S. Weeks 2007. Wood from Midwestern Trees, Extension Publication, Purdue University, Lafayette, FNR-270. 32 pp. https://www.extension.purdue.edu/extmedia/FNR/FNR_270.pdf

Selected Research Publications:

Uysal, M., **E, Haviarova**. 2019. Lower Tolerance Limits for Screw Withdrawal in Wood. Wood and Fiber Science 51(4) https://www.swst.org/wp/wp-content/uploads/2019/10/wfs2844.pdf

Uysal, M., **Haviarova, E.** and C. Eckelman. 2015. A comparison of the cyclic durability, ease of disassembly, repair, and reuse of parts of wooden chair frames. Materials and Design, Vol. 87, 75-81. http://www.sciencedirect.com/science/article/pii/S0264127515302598