

# 2018 ASABE Fellow



**David Roy Bohnhoff, PE**, professor, biological systems engineering, University of Madison-Wisconsin, is being honored for outstanding leadership and contributions to research, teaching, outreach activities, and standards development involving the design, analysis, and construction of post-frame buildings.

Bohnhoff has had a tremendous and far-reaching career. His extensive research has led to estab-

lishing and managing a comprehensive post-frame building research program, resulting in the development of new component and system analysis techniques, innovative component designs, unique construction techniques, computer-based design aids, and several industry standards and design guidelines. This research program has several notable areas of focus: mechanically laminated assemblies, metal-clad wood frame diagrams, shallow post and pier foundations, wood post-to-concrete connections, wood I-posts, diaphragm trusses, precast concrete posts, notched purlins, framing tolerances, cladding and trim tolerances, fall protection, thermal envelopes, component and building failures, and foundation installation tools. Bohnhoff is the principal author on more than 100 technical publications.

A 39-year member of ASABE, Bohnhoff has a career-long history of membership on many different ASABE committees. He has been an important member and leader on numerous Plant, Animal, and Facility Systems committees and many Standards Development committees. Bohnhoff has been honored with many ASABE awards, including an Outstanding Reviewer award, paper awards, a pair of Standards Developer awards, the Evelyn E. Rosentreter Standards award, and the Henry Giese Structures and Environment award. Bohnhoff has also been an active member and leader within the ASABE Wisconsin section and they recognized him with their Young Engineer of the Year award and their Career Achievement award.

Bohnhoff is a long time member of the National Frame Building Association's Technical and Research Committee and Editorial Review Committees, and author of the NFBA Post-Frame Building Design Manual and NFBA's construction tolerances documents. He is the recipient of two NFBA Bernon C. Perkins Awards and is a member of the Rural Builder Hall of Fame.

On campus, Bohnhoff is best known for his considerable undergraduate instruction, student advising, and service to the College of Agricultural and Life Sciences. He has received numerous teaching and advising awards from the University for his efforts, but is most proud of being the faculty advisor to several student design teams that have won ASABE student competitions.

Along with his wife Rhonda, Bohnhoff owns and operates Happy Roots Farm, an organic fruit, nut, and vegetable farm in Plymouth, Wisconsin.