



Thomas J. Brumm, professor, Iowa State University, is being honored for making exemplary professional impacts in the areas of engineering and technology education, post-harvest engineering, and international development.

Brumm is the Mary and Charles Sukup Global Professor in Food Security in the Department of Agricultural and Biosystems Engineering at Iowa State University. He is the department's associate chair for teaching, the associate director for Iowa State's Center for Sustainable Rural Livelihoods, and holds leadership roles in faculty governance across the university. He researches postharvest technologies for smallholder farmers in low-income countries. Before becoming a faculty member, Brumm worked in the seed industry.

Brumm consistently demonstrates a passion for student learning and well-being. His classes in technology fundamentals, biorenewables, and postharvest technology enroll hundreds of students annually. He is consistently ranked highly by students and was instrumental in implementing learning communities at Iowa State. Brumm was professor-in-charge of online learning programs for two colleges at Iowa State, delivering online coursework and degree programs to thousands each semester. For eight years, he oversaw accreditation as the director of assessment for the College of Engineering.

As associate director of Iowa State's Center for Sustainable Livelihoods, Brumm leads water, sanitation, hygiene, and postharvest technology programs for the Iowa State University Uganda Program, an NGO that works to improve people's livelihoods in the Kamuli district of Uganda. These programs have resulted in more than 50,000 additional people having access to clean water. Through his efforts, the food supply chain for over 20,000 school lunches and infant feedings per week is now protected from mycotoxin contamination and insect infestation. He co-leads a university student service-learning experience where Iowa State and Makerere University students work together in primary schools in the Kamuli district.

As a 36-year ASABE member, Brumm was founding secretary of the ASABE Education Division, now Education, Outreach and Professional Development (EOPD). He served in numerous EOPD leadership roles and on other ASABE committees. He is an associate editor for the EOPD Technical Community and serves as ASABE's ABET Engineering Technology Area Delegate.

Brumm received multiple teaching awards at Iowa State and beyond. He is recipient of the 2024 Massey-Ferguson Educational Gold Medal. He has over 40 peer-reviewed publications, he been awarded more than \$8.2M in research funding as PI or Co-PI. He has served as the faculty advisor for numerous student clubs. Brumm has advised 17 MS and Ph.D. students and served as a committee member for over 90 other graduate students. Brumm also enjoys working within his community as a Boy Scouts of America Scoutmaster.