

UPCOMING CANDIDATE SEMINAR

Candidate for Instructional Assistant
Professor in Agricultural and Biological
Engineering

JANUARY 13, 2025

Frazier Rogers 122, 10:15 a.m.



**Bob Zhiwei
Zeng, Ph.D.**

ASSISTANT PROFESSOR-
AGRICULTURAL ENGINEERING
TECHNOLOGY

UNIVERSITY OF WISCONSIN-RIVER FALLS

MONDAY, JANUARY 13
ROG 122 • 10:15 A.M.

ZOOM LINK: [HTTPS://
UFL.ZOOM.US/J/93837641304
?PWD=F3ZUMQPZHUYGHV0HZ
CAC0WP1OPCPHK.1](https://ufl.zoom.us/j/93837641304?pwd=F3ZUMQPZHUYGHV0HZCAC0WP1OPCPHK.1)

PASSCODE: 985779
Meeting ID: 938 3764 1304

“How Do We Prepare the Next Generation of ABE Professionals?”

About the Seminar

The next generation of Agricultural and Biological Engineering (ABE) professionals will face complex and interconnected challenges in agriculture, energy, and technology. This seminar delves into a teaching philosophy grounded in experiential learning, critical thinking, and curiosity to equip students with the skills needed to thrive in these evolving fields.

Dr. Zeng will share insights from years of teaching and curriculum development, emphasizing strategies such as project-centered learning, interactive classroom environments, and effective mentorship. The discussion will highlight approaches to fostering student engagement, supporting diverse learners, and enhancing retention while preparing graduates for success across various areas of ABE.

The session will conclude with a vision for advancing ABE education at the University of Florida, including actionable plans for integrating cutting-edge technologies, fostering interdisciplinary collaborations, and strengthening student-centered practices. Join us for an engaging exploration of how to shape

About Dr. Bob Zhiwei Zeng

Dr. Bob Zhiwei Zeng is an Assistant Professor in Agricultural Engineering Technology at the University of Wisconsin-River Falls and a licensed Professional Engineer. He holds a Ph.D. in Biosystems Engineering from the University of Manitoba and specializes in agricultural machinery systems, precision agriculture, and sustainable engineering.

Dr. Zeng's teaching focuses on experiential learning, systems thinking, and hands-on education. He has developed and taught courses in CAD, programming, and off-road vehicle engineering, among others, earning multiple teaching awards. His applied research integrates machine-soil-crop modeling and sustainable agricultural practices, with a strong emphasis on student involvement.

Beyond academics, Dr. Zeng actively mentors students, advises clubs, and contributes to professional organizations like ASABE. His vision is to prepare future engineers to tackle real-world challenges through innovative and inclusive education.