

WEI WU, PH.D.

A. Professional Preparation

Hunan University	Hunan, China	Built Environment & Equipment Engineering	B.Eng., 2004
University of Oxford	Oxford, UK	Environmental Change & Management	M.Sc., 2005
University of Florida	Gainesville, Florida	Design, Construction & Planning	Ph.D., 2010

B. Appointments

2018 – Present	Associate Professor of Construction Management, Lyles College of Engineering, California State University, Fresno
2013 – 2018	Assistant Professor of Construction Management, Lyles College of Engineering, California State University, Fresno
2011 – 2013	Assistant Professor of Construction Management & Civil Engineering, Georgia Southern University
2010 – 2011	Instructor of Department of Construction Management & Civil Engineering, Georgia Southern University

C. Publications

i. Five related publications

- Wu, W.**, Hartless, J., Tesei, A., Gunji, V., Ayer, S., and London, J. (2019). "Design Assessment in Virtual and Mixed Reality Environments: Comparison of Novices and Experts." *Journal of Construction Engineering and Management*, 145(9), 04019049. DOI: 10.1061/(asce)co.1943-7862.0001683.
- Wu, W.**, Tesei, A., Ayer, S. K., London, J., Luo, Y., and Gunji, V. (2018). "Closing the Skills Gap: Construction and Engineering Education Using Mixed Reality – A Case Study." *Proc., 2018 IEEE Frontiers in Education Conference*, IEEE, 1-5.
- Wu, W.**, and Luo, Y. (2018). "Technological and Social Dimensions of Engaging Lower Division Undergraduate Construction Management and Engineering Students with Experiential and Project Based Learning." *Proc., Construction Research Congress 2018*, American Society of Civil Engineers, Reston, VA, 97-107.
- Wu, W.**, and Luo, Y. P. (2016). "Pedagogy and Assessment of Student Learning in BIM and Sustainable Design and Construction." *Journal of Information Technology in Construction*, 21, 218-232.
- Wu, W.**, and Hyatt, B. (2016). "Experiential and project-based learning in BIM for sustainable living with tiny solar houses." *Procedia Engineer*, 145, 579-86.

ii. Five other significant publications

- Clevenger, C. M., Abdallah, M., **Wu, W.**, and Barrows, M. (2019). "Assessing an Online Tool to Promote Sustainability Competencies in Construction Engineering Education." *J Prof Iss Eng Ed Pr*, 145(1). DOI: 10.1061/(ASCE)EI.1943-5541.0000397
- Wu, W.**, Mayo, G., McCuen, T. L., Issa, R. R. A., and Smith, D. K. (2018). "Building Information Modeling Body of Knowledge. I: Background, Framework, and Initial Development." *Journal of Construction Engineering and Management*, 144(8). DOI: 10.1061/(ASCE)CO.1943-7862.0001518

- Wu, W.**, Mayo, G., McCuen, T. L., Issa, R. R. A., and Smith, D. K. (2018). "Building Information Modeling Body of Knowledge. II: Consensus Building and Use Cases." *Journal of Construction Engineering and Management*, 144(8). DOI: 10.1061/(ASCE)CO.1943-7862.0001536
- Zhang, J., **Wu, W.**, and Li, H. (2018). "Enhancing Building Information Modeling Competency among Civil Engineering and Management Students with Team-Based Learning." *ASCE Journal of Professional Issues in Engineering Education and Practice*, 144(2). DOI: 10.1061/(ASCE)EI.1943-5541.0000356.
- Bagdasarov, Z., Luo, Y. P., and **Wu, W.** (2017). "The Influence of Tablet-Based Technology on the Development of Communication and Critical Thinking Skills: An Interdisciplinary Study." *J Res Technol Educ*, 49(1-2), 55-72.

D. Synergistic Activities

1. I am the recipient of the 2019 Provost Award for Innovation at Fresno State. This award recognizes teaching and research innovations that significantly increase student learning and success. I was selected due to a demonstrable record of innovation in the use of diverse pedagogical approaches, course design, curriculum development, assessment methods, and the use of educational technologies that have had a significant impact on learning.
2. I am the recipient of the 2018 Associated Schools of Construction Region 7 Teaching Excellence Award as a recognition of my commitment and contribution to construction management education and innovation;
3. I am the Principal Investigator of NSF award #1735804. For this grant, I'm collaborating with two peer faculty from Arizona State University to investigate how mixed reality technology can promote apprentice learning and develop career specific competency for students in the architecture, engineering and construction (AEC) industry;
4. I am the Principal Investigator of the Course Redesign with Technology grant in 2016, which is a California State University System initiative to promote student learning engagement and improve student learning outcome with innovative educational technology;
5. I am the Principal Investigator for a Fresno State Office of Institutional Effectiveness Assessment Grant in 2015-16. For this grant, I collaborate with faculty from Construction Management and Business Management to assess student communication and critical thinking skills in a collaborative tablet-based learning environment using an Interdisciplinary approach.