

Jue Wu, PhD

<https://sites.google.com/view/juewu/home>

juewu@coe.ufl.edu
224.999.3306

ACADEMIC EMPLOYMENT

Assistant Professor	University of Florida Higher Education, August 2024 - present
Postdoctoral Scholar	University of California, Berkeley Higher Education, 2022 - July 2024

EDUCATION

PhD	Northwestern University Learning Sciences, December 2021 (Certificate: Cognitive Science)
MS	Northwestern University Statistics, December 2021
BS	Renmin University of China Applied Psychology, Economics, June 2014

PEER-REVIEWED JOURNAL ARTICLES AND CONFERENCE PROCEEDINGS

Lam, W. S. E., & Wu, J. (2024). Chronotopes of transnational literacies: How youth live and imagine social worlds in their digital media practices. *Reading Research Quarterly*.

<https://doi.org/10.1002/rrq.577>

Wu, J., & Uttal, D. H. (2024). Diversifying computer Science: An examination of the potential influences of women-in-computing clubs. *Science Education*. 108(3), 957-980.

<http://doi.org/10.1002/sce.21861>

Wu, J., Hokanson, S. C., & Goldberg, B. B. (2024). Change mapping of models to diversify STEM faculty as practiced by Alliances for Graduate Education and the Professoriate. *Journal of Diversity in Higher Education*. 17(3), 371-384. <https://doi.org/10.1037/dhe0000425>

Wu, J., Cropps, T. A., Phillips, C. M. L., Boyle S. R., & Pearson, Y. E. (2023). Applicant qualifications and characteristics in STEM faculty hiring: An analysis of faculty and administrator perspectives. *International Journal of STEM Education*, 10, Article 41.

<https://doi.org/10.1186/s40594-023-00431-w>

Wu, J., & Uttal, D. H. (2022). Using organizational change theories to examine women-in-computing groups. In C. Chinn, E. Tan, C. Chan & Y. Kali (Eds.), *Proceedings of International Conference of the Learning Sciences 2022* (pp. 1912-1913). International Society of the Learning Sciences.

Wu, J., Atit, K., Ramey, K. E., Flanagan-Hall, G. A., Vondracek, M., Jona, K., & Uttal, D. H. (2021). Investigating students' learning through co-designing with technology. *Journal of Science Education and Technology*, 30(4), 529-538. <https://doi.org/10.1007/s10956-020-09897-7>

Wu, J., & Uttal, D. H. (2020). Beyond the leaky pipeline: Developmental pathways that lead college students to join or return to STEM majors. *Journal of Research in STEM Education*, 6(2), 64-90. <https://doi.org/10.51355/jstem.2020.80>

Flanagan-Hall, G. A., **Wu, J.,** Atit, K., Ramey, K. E., Vondracek, M., Jona, K., & Uttal, D. H. (2018). Exploring design trade-offs in incorporating making activities into high school science curriculums. In *Proceedings of International Conference of the Learning Sciences, ICLS* (Vol. 2, No. 2018-June, pp. 961-964). International Society of the Learning Sciences.

Hu, X., **Wu, J.,** & Fernandez, F. (Revise and Resubmit). Analyzing who benefits from dual enrollment in the labor market: Is it Equalizing or enhancing privilege?

Wu, J., Guzman, L., Sanclemente, F., Patt, C., Epigg, A., Medina, F., & Mendoza-Denton, R. (Under Review). Advancing equity through organizational structure: Evidence from the workplace and higher education.

Wu, J., Patt, C., & Mendoza-Denton, R. (Under Review). Can program clarity mitigate disparities in graduate student outcomes?

Cropps, T. A., **Wu, J.,** Boyle, S. R., Phillips, C. M., Pearson, Y. E., & Mattingly, S. P. (Under Review). Faculty and administrator perceptions of diversity statements in STEM faculty hiring.

GRANTS AND AWARDS

2022	\$250,000	Postdoctoral Supplement, National Science Foundation
2021	\$8,500	Dissertation Year Fellowship, Northwestern University
2018	\$800	School of Education Travel Grant, Northwestern University
2018	\$500	Cognitive Science Travel Grant, Northwestern University
2016	\$29,880	University Fellowship, Northwestern University

CONFERENCE PRESENTATIONS

Wu, J., & Chen, Y. (2024, November). STEM Joiners and STEM Leavers in Transfer Pathways: Predictors of STEM Degree Attainment. Paper to be presented at the Association for the Study of Higher Education's 2024 General Conference, Minneapolis, MN.

Hu, X., **Wu, J.,** & Fernandez, F. (2024, November). Analyzing Dual Enrollment's Labor Market Impact: Is it Equalizing or Enhancing Privilege? Paper to be presented at the Association for the Study of Higher Education's 2024 General Conference, Minneapolis, MN.

Cropps, T. A., **Wu, J.,** Boyle, S. R., Phillips, C. M. L., Mattingly, S. P., & Pearson, Y. E. (2024, June). Evaluating the Importance of Inclusive Teaching in STEM Faculty Hiring. Paper presented at the 2024 American Society for Engineering Education Annual Conference & Exposition, Portland, OR.

- Wu, J.,** Cropps, T. A., Boyle, S. R., Phillips, C. M. L., & Pearson, Y. E. (2024, April). Importance of Diversity, Equity, and Inclusion in STEM Faculty Hiring. Paper presented at the 2024 American Educational Research Association Annual Meeting, Philadelphia, PA.
- Wu, J.,** Patt, C., & Mendoza-Denton, R. (2024, April). Reducing Discrimination and Increasing Belonging in Graduate Education through Structure. Paper presented at the 2024 American Educational Research Association Annual Meeting, Philadelphia, PA.
- Wu, J.,** Patt, C., & Mendoza-Denton, R. (2023, November). A Path Analysis of Program Clarity and Graduate Student Outcomes: The Effect of Race. Paper presented at the Association for the Study of Higher Education's 2023 General Conference, Minneapolis, MN.
- Cropps, T. A., Pearson, Y. E., Boyle, S. M., Phillips, C. M. L., & **Wu, J.** (2023, June). Faculty Perceptions of Diversity Statements in STEM Faculty Job Applications. Paper presented at the 2023 American Society for Engineering Education Annual Conference & Exposition, Baltimore, MD.
- Wu, J.,** Patt, C., & Mendoza-Denton, R. (2023, April). Advancing Equitable Outcomes in STEM Doctoral Education: The Effect of Departmental Advising and Guidance. Paper presented at the 2023 American Educational Research Association Annual Meeting, Chicago, IL.
- Wu, J.,** Phillips, C. M. L., Cropps, T. A., Boyle, S. R., & Pearson, Y. E. (2023, April). The Importance of Institutional and Advisor Characteristics in STEM Faculty Hiring. Paper presented at the 2023 American Educational Research Association Annual Meeting, Chicago, IL.
- Lam, W. S. E., & **Wu, J.** (2023, April). Chronotopes of Transnational Literacies in the Digital Practices of Two Youth Migrants. Paper presented at the 2023 American Educational Research Association Annual Meeting, Chicago, IL.
- Cropps, T. A., Boyle, S. R., Phillips, C. M. L., **Wu, J.,** & Pearson, Y. E. (2023, April). Faculty Perceptions of Diversity Statements in STEM Faculty Job Applications. Paper presented at the 2023 American Educational Research Association Annual Meeting, Chicago, IL.
- Boyle, S. R., Phillips, C. M. L., Pearson, Y. E., Cropps, T. A., & **Wu, J.** (2022, November). Analysis of applicant diversity statement requests in STEM faculty job postings. Poster presented at the Alliance for Graduate Education and the Professoriate (AGEP) National Conference; Corpus Christi, TX.
- Wu, J.,** & Uttal, D. H. (2022, June). Using organizational change theories to examine women-in-computing groups. Poster presented at the 2022 International Conference of the Learning Sciences, Online.
- Wu, J.,** Hokanson, S. C., & Goldberg, B. B. (2022, April). Change mapping of models to diversify STEM faculty in higher education. Paper presented at the 2022 American Educational Research Association Annual Meeting, San Diego, CA.
- Lam, W. S. E, & **Wu, J.** (2022, March). Lived and imagined chronotopes in the transnational digital literacies of two youth migrants. Paper presented at the 2022 American Association for Applied Linguistics Conference, Pittsburgh, PA.
- Wu, J.,** & Goldberg, B. B. (2021, February). AGEP change mapping analyses. Webinar presented at the 2021 AGEP National Research Conference, Online.
- Atit, K., Ramey, K., Flanagan-Hall, G. A., **Wu, J.,** Vondracek, M., & Uttal, D. (2018, August). Introducing making into high school science classrooms: Exploring the design trade-offs in

bridging the formal-informal divide. Presentation at the Connected Learning Summit, Cambridge, MA.

Flanagan-Hall, G. A., **Wu, J.**, Atit, K., Ramey, K. E., Vondracek, M., Jona, K., & Uttal, D. H. (2018, June). Exploring design trade-offs in incorporating making activities into high school science curriculums. Paper presented at the 13th International Conference of the Learning Sciences, London, UK.

Wu, J., & Uttal, D. H. (2018, May). Joining STEM: Reconceptualizing the leaky pipeline metaphor in a developmental context. Paper presented at the 48th Annual Meeting of the Jean Piaget Society, Amsterdam, Netherlands.

Flanagan-Hall, G. A., **Wu, J.**, Atit, K., Ramey, K. E., Spaulding, A., Vondracek, M., Jona, K., & Uttal, H. (2018, May). Intertwining coding with standard science curricula. Video showcase presented at the 2018 STEM for All Video Showcase: Transforming the Educational Landscape, Online.

Wu, J., & Uttal, D. H. (2016, September). Beyond the leaky pipeline: What learning experiences drive students to join STEM? Poster presented at the 1st Learning Sciences Graduate Student Conference, Chicago, IL.

TEACHING EXPERIENCE

The College Students, 2024, University of Florida

Learning and Thinking in Organizations, 2018 – 2019 (with Dr. David Uttal)

Economics of Education, 2018 (with Dr. Kirabo Jackson)

6-8th grade Science, Engineering & Technology Honors, 2016

K-1st grade Geometric Measurement, 2015

INVITED TALKS

Wu, J. (2024, March). Advancing Equity in Higher Education: Insights from a Multi-Level Perspective. University of Florida, Gainesville, FL.

Wu, J. (2024, February). Advancing Equity in Higher Education: Insights from a Multi-Level Perspective. University of Houston, Houston, TX.

Wu, J. (2023, December). Diversity and Equity in STEM Higher Education: A Multilevel Perspective. Institute of Education, Tsinghua University, China.

Wu, J. (2023, December). Diversity and Equity in STEM Higher Education: A Multilevel Perspective. School of Education, Shanghai Jiao Tong University, China.

SERVICE

Executive Board Member, Berkeley Humanities & Social Sciences Association

Site Visit Panelist, National Science Foundation

Organizing Committee, 2020-2021 Alliance for Graduate Education and Professoriate Research Conference

AD HOC REVIEWER

Journal of Postsecondary Student Success (Editorial Board Member)

Journal of Diversity in Higher Education

Science Education

Journal of Research in Science Teaching

PLOS One

Frontiers in Psychology

American Educational Research Association Annual Meeting

Association for the Study of Higher Education Annual Meeting

American Society for Engineering Education Annual Conference & Exposition

PROFESSIONAL MEMBERSHIPS

American Educational Research Association

International Society of the Learning Sciences

Association for the Study of Higher Education

TECHNICAL SKILLS

R, SPSS, Stata, NVivo