Jue Wu, PhD_____

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ACADEMIC EMPLOYMENT

Assistant **University of Florida**
Professor Higher Education Administration and Policy, August 2024 - present

Postdoctoral **University of California, Berkeley**
Scholar 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

INVITED BOOK CHAPTERS

Wu, J., & Mendoza-Denton, R. Importance of ethnic and socioeconomic identities on well-being. In L. Tay & B. McCuskey (Eds.), *The Oxford Handbook of Well-Being in Higher Education.* Oxford University Press.

PEER-REVIEWED JOURNAL ARTICLES AND CONFERENCE PROCEEDINGS

Name – Student Mentee

Shen, M., **Wu, J.**, Patt, C., & Mendoza-Denton, R. (Accepted). Understanding graduate school through AI: A scalable approach to thematic coding. *International Journal of Qualitative Methods.*

Li, L., & **Wu, J.** (2025). Beyond the barriers: Examining the socialization experiences and outcomes of international doctoral students in research-intensive universities. *Studies in Graduate and Postdoctoral Education.* https://doi.org/10.1108/SGPE-02-2025-0012

Wu, J., Guzman, L., Patt, C., Epigg, A., & Mendoza-Denton, R. (2025). Can program structure advance equity in graduate education? *Innovative Higher Education.* https://doi.org/10.1007/s10755-025-09808-x

Cropps, T. A., **Wu, J.**, Boyle, S. R., Phillips, C. M., Pearson, Y. E., & Mattingly, S. P. (2025). Search committee members' perspectives on diversity statements in STEM faculty job applications. *New Directions for Higher Education.* https://doi.org/10.1002/he.20529

Lam, W. S. E., & **Wu, J.** (2025). Chronotopes of transnational literacies: How youth live and imagine social worlds in their digital media practices. *Reading Research Quarterly, 60*(1), e577. https://doi.org/10.1002/rrq.577

Kim, D., & **Wu, J.** (2024). Artificial intelligence in higher education: Examining the AI policy landscape at us institutions. In *Proceedings of the 25th Annual Conference on Information Technology Education* (pp. 68-73). SIGITE. https://doi/10.1145/3686852.3687076

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.

AWARDS

2025   HDOSE Teaching Excellence Award   University of Florida

FUNDED GRANTS

2025-2026, Principal Investigator*, Dissecting the Components of Undergraduate Research Experiences across Diverse Student Populations* ($15,000; PI: Jue Wu). HDOSE Strategic Reinvestment Program, College of Education, University of Florida.

CONFERENCE PRESENTATIONS

Name – Student Mentee

Li, L., & **Wu, J.** (2025, November). *Beyond the barriers: examining the socialization experiences of international doctoral students in research-intensive universities.* Paper to be presented at the Association for the Study of Higher Education's 2025 Pre-Conference, Denver, CO.

Ai, S., Eagan, M. K., & **Wu, J.** (2025, November). *Fueling ambition: Graduate degree aspirations among women of color in stem.* Paper to be presented at the Association for the Study of Higher Education's 2025 General Conference, Denver, CO.

Almutairi, A., & **Wu, J.** (2025, November). *Exploring student engagement and metacognitive awareness through difficulty–effort reporting in introductory undergraduate physics courses.* Paper to be presented at the Association for the Study of Higher Education's 2025 General Conference, Denver, CO.

Wu, J., & Smith, K. N. (2025, April). *Shaping possible selves: The influence of internships on women's career paths in computing.* Paper presented at the 2025 American Educational Research Association Annual Meeting, Denver, CO.

Wu, J., Yin, P. & Clark, B. M. (2025, April). *Uncovering complex trajectories: An asset-based examination of undergraduate gender-minorities in STEM.* Paper presented at the 2025 American Educational Research Association Annual Meeting, Denver, CO.

Wu, J., & K, D. (2025, April). *Hoping for the best: Artificial intelligence policy and communication in higher education.* Paper presented at the 2025 American Educational Research Association Annual Meeting, Denver, CO.

Yin, P., **Wu, J.**, & Clark, B. M. (2025, April). *Becoming STEM professionals and researchers: A case study of minoritized undergraduate students' STEM internship experiences.* Paper presented at the 2025 American Educational Research Association Annual Meeting, Denver, CO.

Wu, J., & Chen, Y. (2024, November). *STEM joiners and STEM leavers in transfer pathways: Predictors of STEM degree attainment.* Paper 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 presented at the Association for the Study of Higher Education's 2024 General Conference, Minneapolis, MN.

Pearson, Y. E., Cropps, T. A., Borello, L., Phillips, C. M. L., Boyle, S. R., & **Wu, J.** (2024, October). *Examining social conformity among engineering and computer science faculty and administrators relative to personal and professional beliefs about diversity in STEM education.*

Poster presented at the Alliance for Graduate Education & the Professoriate (AGEP) National Conference, Arlington, VA.

Kim, D., & **Wu, J.** (2024, October). *Artificial intelligence in higher education: Examining the AI policy landscape at US institutions.* Paper presented at the 25th Annual Conference on Information Technology Education, El Paso, TX.

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

Graduate Level

Instructor of Record, University of Florida (2024-2025)

- College and University Teaching
- Educational Outcomes of American Colleges and Universities
- Contemporary Research in Higher Education
- The College Students

Undergraduate Level

Graduate Teaching Assistant, Northwestern University (2018-2019)

- Learning and Thinking in Organizations
- Economics of Education

K-12 Level

Center for Talent Development, Northwestern University (2015-2016)

- 6-8th grade Science, Engineering & Technology Honors
- K-1st grade Geometric Measurement

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

Department Bylaws Committee, University of Florida

Site Visit Panelist, National Science Foundation

Faculty Search Committee, University of Florida

Program Committee, 2025 Association for the Study of Higher Education Annual Meeting

Executive Board Member, Berkeley Humanities & Social Sciences Association

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

International Journal of STEM Education

Science Education

Journal of Research in Science Teaching

Discover Education

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

DISSERTATION COMMITTEE

Chair

- Lechen Li (Higher Education PhD Program, University of Florida)
- Sarah Reardon (Higher Education EdD Program, University of Florida)

Member

- Hope Allchin (Higher Education PhD Program, University of Florida)
- Lauren Branzei (Higher Education EdD Program, University of Florida)
- Bingxin Cao (Educational Leadership and Policy PhD Program, University of Florida)
- Harrison Hove (Higher Education PhD Program, University of Florida)
- Marialal Joseph (Higher Education PhD Program, University of Florida)
- Hannah Kloetzer (Sports Management PhD Program, University of Florida)
- Susan Lukowe (Higher Education EdD Program, University of Florida)
- Winston Marshall (Higher Education PhD Program, University of Florida)
- Hongze Zhu (Mathematics Education PhD Program, University of Florida)