Ying Jin, Ph.D

Associate Professor

Research Interest

-I am interested in educational measurement, STEM education and workforce development, project evaluation, and education extension activities.

Research Projects

Jin. Y. (Principal), Mosley, C. W. (Co-Principal), Cui, S. (Co-Principal), Wu, Q. (Co-Principal), Ragland, K. (Co-Principal), "Agri-analytics Fellowship: an interdisciplinary approach to expanding career pathways for undergraduate students." Sponsored by USDA National Institute of Food and Agriculture, Federal, $749,443.00. (2023 - 2028).

Jin, Y. (Principal), Mosley, C. W. (Co-Principal), Cui, S. (Co-Principal), "Deeper Learning Professional Development (PD) for High School Agriculture Teachers," Sponsored by USDA National Institute of Food and Agriculture, Federal, $450,000.00. (2021 - 2024).

Mosley, C. (Principal), Jin, Y. (Co-Principal), Ragland, K. (Co-Principal), Sloane, M. E. (Co-Principal), "An Investigation of Virtual Reality Initiatives and Workforce Development Outcomes in Public Libraries," Institute of Museum and Library Services, Federal, $558,439.00.

Haudek, K. (Principal), Henderson, R. (Co-Principal), Cooper, M. (Co-Principal), Kaplan, J. J. (Principal), Jin, Y. (Evaluator), "Collaborative Research: Expanding a National Network for Automated Analysis of Constructed Response Assessments to Reveal Student Thinking in STEM," Sponsored by National Science Foundation, Federal, $1,1700,000.00. (2023-2027).

Ragland, K. D. (Principal), Mosley, C. W., (Co-Principal), Jin, Y. (Evaluator), "AgXplore Curriculum Training for Middle School Teachers," Sponsored by USDA National Institute of Food and Agriculture, Federal, $500,000.00. (2023-2028).

Hass, A. (Principal), Abolins, M. (Co-Principal), Jin, Y. (Evaluator), "Undergraduate Students Learning About Urban Microclimates, Extreme Heat, and Climate Change," National Science Foundation, Federal, $260,031.00. (2023 – 2026).

Recent Publications

Jin, Y., Rodriguez, C. A., Shah, L., Rushton, G. T. (2020). Examining the Psychometric Properties of the Redox Concept Inventory: A Rasch Approach. Journal of Chemical Education, 97(12), 4235-4244.

Jin, Y. (2020). A note on the cutoff values of alternative fit indices to evaluate measurement invariance for ESEM models. International Journal of Behavioral Development, 44(2), 166-174.

Bernstein, S. E., Flipse, J. L., Jin, Y., Odegard, T. N. (2020). Word and sentence level tests of morphological awareness in reading. Reading and Writing: An Interdisciplinary Journal, 33, 1591-1616.

Jin, Y., Kang, M. (2016). Comparing DIF methods for data with dual dependency. Large-Scale Assessments in Education, 4(1).

Partners Invited

I welcome undergraduate student partners, graduate student partners, in-service teachers, College of Education partners, and JMU faculty partners, and community partners.

Email:

jin4yx@jmu.edu