

Joshua M. Rosenberg

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Education

PhD, Educational Psychology & Educational Technology
Michigan State University

2018

Professional Experience

Assistant Professor of STEM Education
Department of Theory and Practice in Teacher Education
University of Tennessee, Knoxville

2018

Representative Publications (11 peer-reviewed journal articles in total)

Beymer, P. N., Rosenberg, J. M., Schmidt, J. A., & Naftzger, N. (2018). Examining relationships between choice, affect, and engagement in out-of-school time STEM programs. *Journal of Youth and Adolescence*, 47(6), 1178-1191. <https://doi.org/10.1007/s10964-018-0814-9>

Akcaoglu, M., Rosenberg, J. M., Ranellucci, J., & Schwarz, C. V. (2018). Outcomes from a self-generated utility value intervention on fifth and sixth-grade students' value and interest in science. *International Journal of Educational Research*, 87, 67-77. <https://www.sciencedirect.com/science/article/pii/S0883035517308492>

Schmidt, J. A., Rosenberg, J. M., & Beymer, P. (2018). A person-in-context approach to student engagement in science: Examining learning activities and choice. *Journal of Research in Science Teaching*, 55(1), 19-43. <https://dx.doi.org/10.1002/tea.21409>

Invited Talks

Rosenberg, J. M. (2017, April). Introduction to R for Data Analysis. Presentation at the School of Criminal Justice, Michigan State University.

Rosenberg, J. M. (March, 2016). An introduction to R for programming and statistical analysis in education. Georgia Southern University College of Education, Statesboro, GA.

Select R packages

tidyLPA: Interface to MCLUST to perform Latent Profile Analysis in R (w/ J. Schmidt, P. Beymer, & R. Steingut; v. 0.1.0). <https://cran.r-project.org/web/packages/tidyLPA/index.html>

konfound: R package to carry out sensitivity analysis (with R. Xu & K. Frank). <https://github.com/jrosen48/konfound>