

Research Assistant Professor, WVUCE-STEM Center

Contact information:

lynette.michaluk@mail.wvu.edu

Education:

Ph.D., Experimental/Life Span Developmental Psychology, Oklahoma State University	2009
M.S., Experimental/Life Span Developmental Psychology, Oklahoma State University	2005
B.A., Psychology, Oakland University, Rochester, Michigan	1999

Dr. Michaluk joined the WVUCE-STEM Center staff in August 2015, where she serves as a research consultant, statistical analyst, and evaluator for center-affiliated projects and grants. She helps researchers create and refine formal research questions, hypotheses, and research methodology, creates and statistically validates survey assessments, and conducts statistical analyses. She also writes analyses sections for proposals and results sections for reports.

Research Interests:

- Developing statistical models using traditional and novel methods for identifying students at risk for STEM dropout
- Determining factors involved in the development of STEM identity in undergraduate physics students
- Increasing the enrollment and retention of students in STEM majors with particular emphasis on recruitment of women, people of color, and rural populations
- Impact of critical thinking interventions on critical thinking and writing skills of undergraduate STEM students

Recent Publications/Manuscripts in Press:

Stewart, J.C, Devore, S., Stewart, G.B., & **Michaluk, L.M.** (in press). Behavioral regulation in a physics class. *Physical Review: Physics Education Research*.

Michaluk, L.M., Martens, J. Damron, R. L., & High, K. A. Critical thinking elements of first-year engineering students. *International Journal of Engineering Education*, 32(1A), pp. 84–99, 2016.