

Dr. Robbie Higdon

Associate Professor: Middle, Secondary and Math Education

Research Interest

- Support for pre-service and early-service educators;
- Use of mentoring as a professional learning opportunity for in-service educators;
- Study abroad as a tool for developing culturally responsive pedagogies.

Research Questions and Projects

- Influences on educator identity and reflective practice: An exploration of informal mentors for early-career STEM educators.
- Informing our practice: Reflections from early career STEM teacher mentors
- Increasing self-efficacy in STEM disciplines through collaborative learning approaches and educational technology
- Defining the infrastructure and materials necessary to create a robust professional development program in science communication for science instructors.



Recent Publications

- Webb, A., Higdon, R., & Gibson, J. (2024). Reflections on caring for early career teachers in times of challenge. In Webb., A. W., & Shoffner, M. Care and Teachers in the Induction Years: Supporting Early Career Educators in Today's Teaching Landscape. Routledge.
- Higdon, R. (2023). Utilizing a study away program to develop culturally-relevant pedagogy in pre-service teachers. In Buck, G. A., Dimitrieska, Vesna., & Akerson, V. L. Internationalizing rural science teacher preparation: Action research for global competency (1st ed.). Springer International Publishing AG.
- Higdon, R. (2021, June). A collaborative global professional-development exchange to support students from under-represented populations. DKG Bulletin: International Journal for Professional Educators, 85(5), 20-24.

Partners Invited

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

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