

**Job Announcement for a Postdoctoral Fellow in STEM Education/EC Education**  
**The STEM Education Center at WPI**  
**Seeds of STEM Project**

**About Seeds of STEM:**

Seeds of STEM is a 4-year research project, funded by the Institute of Education Sciences (IES). Entering its 3<sup>rd</sup> year, the project focuses on the development and pilot-testing of a Pre-K problem-based STEM curriculum that teaches young children (and their teachers) the process of problem solving. The project is a collaboration between WPI, the College of the Holy Cross, and the Worcester Head Start program.

**Responsibilities:**

- Assist with project management
- Work with project PIs to create and deliver PDs and curriculum interventions
- Lead data collection process and assist with data analysis
- Assist with program evaluation research and implementation
- Attend and present at professional conferences and author scholarly publications
- Lead grant proposal writing effort
- Participate in all team meetings and take part in additional projects related to Seeds of STEM

**Required Qualifications:**

- Ph.D. in science education, engineering education, teacher education, or a closely related field
- An emerging record of scholarly productivity
- Experience in teacher education or teaching in early childhood setting

**Candidates will be evaluated on:**

- A strong background in STEM/Early education teaching & learning
- A strong background in qualitative and quantitative educational research methods
- Interest and experience teaching and learning in early childhood and high needs school settings
- Excellent communication and collaboration skills
- Effective project management and coordination skills
- High level of initiative and ability to work independently

**Appointment:** Postdoctoral fellow, twelve-month appointment beginning August 1, 2017. The appointment is for one year with the possibility of renewal for one additional year.

Salary is commensurate with university Postdoctoral Fellowship Policies and experience.

**Application Requirements:**

- Cover letter
- Curriculum vitae
- Graduate Transcript
- Writing sample (peer reviewed publications preferred)
- Three references with knowledge of your education research and project management expertise

To apply please go to: <http://careers.wpi.edu/postings/4581>

Questions may be directed to:

Dr. Mia Dubosarsky  
Principal Investigator of the Seeds of STEM project  
The STEM Education Center  
Worcester Polytechnic Institute  
[mdubosarsky@wpi.edu](mailto:mdubosarsky@wpi.edu)