

STEM Education Outreach Specialist for the Center for Science and the Schools

Campus/Location: **University Park Campus**

Date Announced: **09/04/2014**

Work Unit: **College of Education**

Job Number: **53467**

Department: **Center for Science and the Schools**

The Center for Science and the Schools (CSATS) seeks to hire a STEM Education Outreach Specialist. This is a fixed-term 1, 36-week appointment at the Research Assistant or Associate level funded for one year from the date of hire with excellent possibility of re-funding. Salary is commensurate with education and experience; full University benefits apply. CSATS seeks an individual who will design and implement STEM outreach activities and support research and internal evaluation efforts examining aspects of CSATS-related outreach and professional development projects. The candidate will work closely with the CSATS Director to collaborate with scientists and engineers on design and implementation of teacher professional development opportunities and classroom science activities as well as design of evaluation programs. This position offers opportunities to contribute to the development of high quality programs in science education. Primary responsibilities include; assisting science and engineering faculty university-wide in designing and implementing STEM education outreach relating to broader impact components of STEM research grants; engage in design, management, implementation, and evaluation of Center outreach activities such as curriculum development, teacher professional development, and K-12 science outreach activities; identify internal evaluation criteria for projects and develop data collection instruments; collaboratively plan research related to CSATS projects and write IRB proposals; collect data for research projects and participate in data analysis; develop and maintain an annotated digital library of science education research and evaluation literature relevant to ongoing CSATS projects; support existing and future CSATS projects as needed; and, contribute to developing ways to translate research related to science and science education into the school context. Required qualifications includes a Master's degree in education, preferably in STEM education, educational leadership, educational policy, or a closely related field; at least three years of formal or informal K-12 science teaching experience, preferably in Pennsylvania schools. Desired qualifications include a bachelor's degree in a STEM discipline or with an emphasis in a STEM discipline; strong evidence of leadership experience in a relevant educational setting; advanced technology skills in Microsoft Office; experience in advanced educational technology strategies; experience in data collection and analysis, both qualitative and quantitative; outstanding interpersonal skills and ability to work in teams; demonstrated academic writing skills; and experience in data collection and analysis. Applicants should submit a letter of application describing their qualifications for the position, current curriculum vitae, and at least three names, mail and e-mail addresses, and telephone numbers of professional references.