Education Research Associate   **Job Ref. #19-08**

Job Description:

TERC, a non-profit dedicated to improving STEM education, is seeking either one full time or two part time educational researchers to join a dynamic team working on two projects both involving online communities of practice to facilitate knowledge exchange and collegial discourse. The first project is aimed at serving the needs of STEM teacher leaders and aspiring teacher leaders. (See: https://stemtlnet.org) The second project enables leaders of federally funded grants aimed at improving STEM teaching and learning to share their work with each other and multiple other constituencies through video and facilitated discourse (See: https://stemforall2019.videohall.com)

The successful candidate will work on-site with a team of seven that includes programmers, content management and outreach specialists, researchers and Principal Investigators. We are located in a historic factory building between Porter & Davis Squares in Cambridge MA. TERC has a great work environment with a casual dress code. Your contributions will make a difference to the field of STEM teaching and learning.

About TERC:

TERC is a not-for-profit R&D organization in Cambridge, MA is committed to improving STEM learning and teaching. Founded in 1965, TERC is internationally recognized for creating innovative curricula, fostering teacher professional development, pioneering creative uses of technology in education, supporting schools and school districts in the integration of technology into classroom practice and developing equitable opportunities for under-served learners. Publication of TERC's materials and dissemination of our R&D findings is a top priority. For more information visit TERC's web site at: www.terc.edu TERC has a passion for social justice and strives to create level playing fields for all learners, reaching more than three million students every year. TERC envisions a work community that brings together diverse, multicultural talent to transform futures through math and science education research.

Qualifications:

The successful candidate will have a Master's degree or PhD in educational research, communications research, psychology, or related fields. They will have an interest in one or more of the following:

- Collegial networks that facilitate knowledge sharing, resources, and opportunities.
- Sharing of STEM educational expertise through video and discourse online.
- Development and empowerment of STEM teacher leaders.
- STEM teaching and learning programs and environments.
- Social media campaigns for outreach and dissemination.

Candidates who will be considered will have many of the following skills:

- Experience with both quantitative and qualitative analysis of data.
- Experience in designing surveys, interview protocols, and conducting focus groups.
- Creating and testing coding rubrics and applying them to different types of data including interviews, survey responses, and online discourse.
- Comfort with technology tools for data collection and analysis (e.g. Excel, NVivo, SPSS, survey administration tools).
- Experience/Interest in Social Network Analysis research.

- Strong communication and reporting skills, including the ability to work well with a team, draw conclusions from evidence, and present alternative perspectives and explanations.
- Strong written and verbal communication skills to prepare and present findings of the projects at conferences and to write articles for publication.

TERC's Commitment to Diversity

TERC deeply believes that a diversity of experiences, ideas, and characteristics (race, ethnicity, national origin, gender identity, sexual orientation, socioeconomic status, religion, disability, veteran status, and more) contributes to the creativity and impact of our research. We promote inclusion of such richly diverse perspectives not only to achieve equity in the workplace, but also to cultivate equitable and accessible learning environments in the diverse communities which we serve. TERC is actively seeking to diversify its staff and places a high priority on developing a staff that reflects the diverse communities we serve. We encourage people from all backgrounds to apply. See our EEO Policy Statement for more information.

Please submit a resume and cover letter and sample of your research or writing by email to:
Kimberly_Descoteaux@terc.edu

Please put "application for research associate position" in the subject line.

Indicate if you are interested in a full-time position, or a 50% position.

Competitive salary commensurate with experience. Excellent benefits. Please do not call.