

POSTDOCTORAL FELLOWSHIPS IN METHODOLOGY AND INTERDISCIPLINARY EDUCATION RESEARCH

Carnegie Mellon University and the RAND Corporation invite applicants for a two-year postdoctoral position in education research, starting in Fall 2012. The Carnegie Mellon and RAND Traineeships (CMART) in Methodology and Interdisciplinary Research is an interdisciplinary, inter-institutional postdoctoral training program funded by the Institute of Education Sciences (IES), U.S. Department of Education, to launch PhD level researchers on successful careers in education research.

CMART focuses on practical statistical, quantitative and methodological training needed for scientifically rigorous education research. CMART postdoctoral fellows will have opportunities to work on one or more interdisciplinary projects led by researchers affiliated with Carnegie Mellon, RAND, or the NSF-funded Pittsburgh Science of Learning Center (PSLC), as well as their own research. Relevant projects include: randomized controlled trials evaluating instructional coaching, online tutoring systems, or other interventions; study of the consequences of broad reform in large urban school districts; quantitative social network analysis in education research; educational data mining; psychometric and latent variable modeling; and value-added and related evaluation of teacher performance. Inquiries about additional projects/opportunities are also welcome.

In addition, CMART fellows will participate in a rich array of seminars, brown-bags, and visiting speaker series offered by RAND, PSLC, Carnegie Mellon's IES-funded predoctoral Program in Interdisciplinary Education Research (PIER), CMART itself, and affiliated departments. Fellows will receive guidance through a two-tiered mentoring system designed to help with both narrow and broader challenges of building an education research career; and additional training through courses and workshops offered at Carnegie Mellon and in the larger Pittsburgh research community.

CMART is aimed at both new PhD's whose specialty is education research (e.g. educational psychologists, cognitive scientists, curriculum specialists, education policy specialists, etc.), who are interested in augmenting their quantitative training while working on significant education research projects; and new PhD's whose specialty is statistics, machine learning, economics, or another quantitative field, interested in immersing themselves in education research. More senior candidates are also welcome to apply.

The fellowship carries a stipend of \$50,000/yr, full-time benefits including health insurance, and funds for professional travel and startup costs (computer, software, books, etc.). Opportunities may exist

to augment the fellowship stipend through other sources (teaching, additional research projects, etc.), subject to approval by the CMART management committee.

Applicants should arrange to send a letter of interest (including a summary of research interests), curriculum vitae, relevant transcripts, up to two publications or working papers, and three letters of recommendation, to cmartsearch@stat.cmu.edu. Postdoctoral fellowship candidates must be citizens or permanent residents of the United States, and must have received their doctorate prior to beginning the fellowship. We anticipate hiring one two-year CMART fellow each Fall through 2013. Review of applications for the Fall 2012 fellowship begins immediately and will continue until the position is filled. AA/EOE.

Additional details and contact information are available at <http://cmart.stat.cmu.edu>.