Postdoctoral Research Scholar (JOB# 12911) Arizona State University Psychology Department

The Department of Psychology at Arizona State University invites applications for three Postdoctoral Research Scholar positions in the Science of Learning and Educational Technologies (SoLET) Laboratory directed by Danielle McNamara. The postdoctoral research scholars will be working on projects funded by the IES and ONR to (a) design and develop tutoring modules and (b) explore factors influencing students' performance in comprehension, writing, and mathematics. The candidates will be involved in studies with elementary, high school, and adult literacy students, including teachers and schools across multiple sites in AZ, NH, MN, and GA. The ideal candidates are interested in working in a collaborative research lab, particularly one focusing on learning and cognitive sciences. There are three positions available:

1. Educational Technology Design: One postdoctoral research scholar will focus on rigorously designing, developing, and testing new modules and games within an existing tutoring system, iSTART. This candidate should have experience in system design and usability assessment, including the design of ITSs and/or games.

2. School-based Research: One postdoctoral research scholar will focus on working with teachers and students to conduct experimental studies. This candidate should have past experience in implementing and testing educational technologies in various educational settings with high fidelity, including schools.

3. NLP and Data Analytics: One postdoctoral research scholar will conduct natural language processing (NLP) on various data sets including essays and math tutoring interactions. This candidate should have expertise in database management, R, Python, and statistical analysis methods.

The positions are full-time, benefits-eligible appointment with no tenure implications. Anticipated start date is July 1, 2019.

The qualifications for these positions include: must have earned a Ph.D. in learning sciences, educational psychology, computer science, data analytics, human factors, or psychology, or in a related field within the past four years.

To apply, please submit (1) a curriculum vitae, (2) statement of research interests, and (3) three letters of reference to PSYPostDocJobs@asu.edu. Inquiries concerning the search should be addressed to the Chair of the Search Committee: Dr. Danielle S. McNamara (dsmcnama@asu.edu). Please mention that you are applying for the Educational Research position. Please specify for which position(s) you are most qualified. For information on current lab projects, visit: https://soletlab.asu.edu/.

Initial deadline for receipt of complete applications is June 1, 2019. If not filled, review of complete applications will continue every week thereafter until the search is closed. A background check is required for employment.

Salary range is $50,004.00 to $54,756.00 depending on previous experience.

Arizona State University is located in the Phoenix/Scottsdale metropolitan area. Arizona State University and the Department of Psychology encourage and support diversity among applicants and employees.

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