**Science Education Post-Doctoral Fellow**

**Utah State University**

**Department** Logan Campus

**Contact** Max L. Longhurst, Ph.D.

max.longhurst@usu.edu

**Position Title** Post-Doctoral Fellow in Science Education

**Position Summary** The Post-Doctoral Fellow will analyze an existing dataset and co-author research publications as a member of an NSF funded research project *Cyber-enabled Learning: Digital Natives in Integrated Scientific Inquiry Classrooms.* This project examines the use of Information Communication Technologies (ICTs) within the context of Eighth grade integrated science classrooms. The professional development (PD) experienced by teachers is being investigated to understand how these ICTs and PD can influence teacher learning, teacher practice, and student learning.

The Fellow’s responsibilities include conducting literature searches and reviews pertaining to the research project, developing testable hypotheses, conducting statistical data analyses to test these hypotheses, and writing results in publishable form, under the guidance of, and in co-authorship with senior members of the research team. The Fellow’s efforts will focus on investigating how ICTs, impact teacher learning, teacher practice, and student learning in integrated middle school science classrooms using techniques such as Hierarchical linear modeling, logistical regression, factor analysis, case studies and ethnographical studies of participants within the project.

The position is for one year and may be extended pending funding and job performance.

**Responsibilities** - Conduct literature searches

* Co-develop testable hypotheses from project
* Analyze and publish research results from current data
* Collect, analyze, and publish research results from new lines of investigation
* Communicate effectively with project PI and Co-PIs.

**Minimum Qualifications** 1 – Ph.D. degree in Science Education or related field in education research.

2 – Strong oral and written English communication skills

3 – Evidence of publication productivity in peer-reviewed journals.

4 – Strong literature review and statistical skills.

5 – Ability to work within a team environment and to work without direct supervision.

6 – Ability to prioritize and manage multiple job tasks

**Preferred Qualifications** 1 – Background in Science Education professional development

2 – Background in use of ICTs, Science literacies, and New literacies

**Work Environment** Office/School environment, Employees are protected from the weather conditions. The ability to travel to local schools in the Salt Lake area will be part of responsibilities.

**Physical Requirements** Standing, Walking, Bending, Stooping, Climbing Stairs, Kneeling, Squatting, Pulling, Pushing, Lifting up to 30 lbs.

**Applicant Information** Utah State University is a Carnegie Research Doctoral Extensive University, an affirmative action/equal opportunity employer, and was recently chosen as a National Science Foundation ADVANCE Gender Equity Program recipient. The University is sensitive to the needs of dual career applicants and dedicated to recruiting stellar candidates from a diverse pool including women, minorities, veterans and persons with disabilities.

**Required Documents** - Cover Letter

* Current Curriculum Vitae
* 3 References (List of 3 names and contact information)
* Individual Research Statement

**Review Date** 9/31/2015

**Position Close Date** Open until filled

**Salary** Commensurate with education and experience ≈ $45,000 – 50,000.

**Hours per week** 40 hours/week