Featured Article
Cognitive Science Research Can Improve Undergraduate STEM Instruction: What Are the Barriers?

Focusing on physics education research as an example, the authors highlight both the connections and barriers between cognitive science, discipline-based education research (DBER), and undergraduate STEM instructional practices. In addition, barriers against the widespread adoption of STEM instructional change and existing models for encouraging adoption are discussed.


Job, Internship, and Scholarship Opportunities
- Faculty Lecturer, Department of Geology and Environmental Science, University of Pittsburgh (due 1/15/16)
- Lectureship in Physical Geography, Department of Geography, Simon Fraser University (review begins 1/15/16)
- Google People Analytics PhD Summer Internship Opportunities in social science and data science & technology (due 1/19/16)
- Postdoctoral research fellow, Michigan State University and the College of the Menominee Nation (posting number 2549; review begins 2/1/16)
- Geology Instructor or Teaching Assistant Professor (temporary), Department of Geology, Kansas State University. Contact Search Committee Chair Dr. Joel Spencer for application details (review begins 2/1/15).
- Associate Director for Learning Sciences, Kennesaw State University (due 2/1/16)
- Teacher Scholarships, National Council for Science and the Environment's Grand Canyon Trip (due 2/1/16)
- Post-Doctoral Researcher, Wisconsin Center for Education Research, University of Wisconsin, Madison (due 2/10/16; contact Dr. Laura Wright for details.)
- Earth Systems Science Instructor and Program Coordinator, Leech Lake Tribal College (due 2/12/16)
- Science Education Fellow, Howard Hughes Medical Institute
- Tenure-track and tenured positions, in Discipline-Based Education Research, Florida International University
- The Association for Women Geoscientists Outstanding Educator Award (due 4/1/16). Please consider nominating women educators with at least 20 years of service to the international geoscience community who have made outstanding contributions in mentoring, instruction and curriculum, and outreach.

Upcoming Meetings and Conferences
- NARST Annual International Conference, Toward Equity and Justice: Many Different Voices, Cultures, and Languages in Science Education Research for Quality Science Teaching and Learning, April 14-17
- SENCER (Science Education for New Civic Engagements and Responsibilities) Summer Institute, 7/28 - 8/1. Early registration deadline is March 11
- Earth Educators’ Rendezvous, July 18-22. Early registration deadline is May 2. Designed to appeal to everyone from instructors and administrators to experienced STEM education researchers.

Upcoming Grant Deadlines
- National Education Association Foundation Grants to Educators (due 2/1/16)
- NSF Tribal Colleges and Universities (due 3/15/16)
- NSF Foundation Small Research Grants (due 5/2/2016)
- NSF Scholarships in Science, Technology, Engineering, and Mathematics Program (due 5/16/16)
- Leveraging GLOBE to Increase Student Engagement and Diversity, NSF invites submission of funding requests that will increase the capacity for using, as well as use of, the extensive resources of the GLOBE program. Contact Todd Ellis for more information.

Submit to the GER Exchange
NAGT-GER provides monthly updates on professional opportunities, funding, articles of note, researcher profiles, and other content of interest to our membership. Submit items for future issues.

For questions, contact Communications Committee Co-Chairs Kelsey Bitting and Adrienne Leinbach

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