October 20, 2016

Dear Colleagues:

Directorate for Education and Human Resources (EHR), Division of Research on Learning in Formal and Informal Settings (DRL), at the National Science Foundation announces a nationwide search for temporary program directors with expertise at the intersections between computer science (as well as related fields) and research on science, technology, engineering or mathematics learning.

Formal consideration of applications will begin on November 15, 2016 and will continue until a selection is made.

Program Directors have an unparalleled opportunity and responsibility to ensure NSF-funded research is at the forefront of advancing fundamental knowledge. In support of that, Program Directors are responsible for extensive interaction with academic research communities and industry, as well as interaction with other Federal agencies that may lead to development of interagency collaborations. Within this context, Program Directors solicit, receive and review research and education proposals, make funding recommendations, administer awards, and undertake interaction with research communities in these fields. They are also responsible for service to Foundation-wide activities and initiatives that together accomplish NSF's strategic goals to: 1) Transform the Frontiers of Science and Engineering, 2) Stimulate Innovation and Address Societal Needs through Research and Education, and 3) Excel as a Federal Science Agency. The position requires a commitment to high standards of intellectualism and ethical conduct, a considerable breadth of interest, receptivity to new ideas, a strong sense of fairness, good judgment, and a high degree of personal integrity.

DRL recognizes that this is a highly interdisciplinary research area and that wide range of expertise is needed. Successful candidates will have demonstrated expertise in one or more of the following areas:

- Research and development for computer science education (for any age group or any setting)
- Research on computational thinking in computer science education or in other STEM subjects
- Research and development involving the use of innovative technologies to foster STEM learning (e.g., cyberlearning)
- Research on broadening participation of learners from under-represented groups in computer science and related subject areas
- Applications of data science (big data) to research and development on STEM learning (e.g., learning analytics, educational data mining)

Applicants should have a Ph.D., Ed.D. or equivalent training in a relevant field such as computer science or another STEM subject, data science, learning science, social science, instructional technology, or
STEM education research; and six or more years of successful research, research administration, and/or managerial experience in an educational or research setting.

The position may be filled with one of the following appointment options:

**Intergovernmental Personnel Act (IPA) Assignment:** Individuals eligible for an IPA assignment with a Federal agency include employees of State and local government agencies or institutions of higher education, Indian tribal governments, and other eligible organizations in instances where such assignments would be of mutual benefit to the organizations involved. Initial assignments under IPA provisions may be made for a period up to two years, with a possible extension for up to an additional two-year period. The individual remains an employee of the home institution and NSF provides the negotiated funding toward the assignee's salary and benefits. Initial IPA assignments are made for a one-year period and may be extended by mutual agreement. For additional information regarding IPA positions, please visit the NSF website at: [https://www.nsf.gov/careers/rotator/ipa.jsp](https://www.nsf.gov/careers/rotator/ipa.jsp).

**Visiting Scientist Appointment:** Appointment to this position will be made under the Excepted Authority of the NSF Act. Visiting Scientists are on non-paid leave status from their home institutions and placed on the NSF payroll. NSF withholds Social Security taxes and pays the home institution's contributions to maintain retirement and fringe benefits (i.e., health benefits and life insurance), either directly to the home institutions or to the carrier. Appointments are usually made for a one-year period and may be extended for an additional year by mutual agreement.

**Temporary Excepted Service Appointment:** Appointment to this position will be made under the Excepted Authority of the NSF Act. Candidates who do not have civil service or reinstatement eligibility will not obtain civil service status if selected. Candidates currently in the competitive service will be required to waive competitive civil service rights if selected. Usual civil service benefits (retirement, health benefits, and life insurance) are applicable for appointments of more than one year. Temporary appointments may not exceed three years.


Applications will be accepted from US Citizens. Recent changes in Federal Appropriations Law require Non-Citizens to meet certain eligibility criteria to be considered. Therefore, Non-Citizens must certify eligibility by signing and attaching this Citizenship Affidavit to their application. We also ask that you complete and submit the Applicant Survey Form. This will help NSF to ensure that our recruiting efforts are attracting a diverse candidate pool; it will be used for statistical purposes only.

**NSF is relocating to Alexandria, Virginia.** In late summer of 2017, NSF will begin the transition from its current location in Arlington, Virginia to 2415 Eisenhower Avenue, Alexandria, VA 22314. The new location is adjacent to a Metro station (Eisenhower Avenue on the Yellow Line) and there is ample parking in the area. There are several amenities nearby, such as restaurants, hotels, and shops."

Applicants should submit a current curriculum vitae with statement of interest to drlrecruit@nsf.gov. Please indicate the number of this DCL in the subject line of the email.

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