



NATIONAL SCIENCE FOUNDATION  
2415 EISENHOWER AVENUE  
ALEXANDRIA, VIRGINIA 22314

CCF 19-001

## Dear Colleague Letter: Directorate for Computer and Information Science and Engineering (CISE), Division of Computing and Communications Foundations (CCF) - Employment Opportunities for Multiple Program Director Positions (Open Until Filled)

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Date: November 6, 2018

Dear Colleagues:

The Division of Computing and Communications Foundations (CCF) within the Directorate for Computer and Information Science and Engineering (CISE) at the National Science Foundation (NSF) announces a nationwide search to fill multiple Program Director positions under the provisions of the Intergovernmental Personnel Act (IPA) in the following programs:

- **Algorithmic Foundations (AF) cluster** AF supports innovative research characterized by algorithmic thinking and algorithm design, accompanied by rigorous mathematical analysis. More information about CCF and the AF cluster can be found at: [https://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=503299](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503299).
- **Communications and Information Foundations (CIF) cluster** CIF supports transformative research that addresses the theoretical underpinnings and current and future enabling technologies for information acquisition, transmission, and processing in communication and information networks. More information about CCF and the CIF cluster can be found at: [https://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=503300&org=CCF&from=home](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503300&org=CCF&from=home)
- **Foundations of Emerging Technologies (FET) cluster** FET aims to enable radical innovations across all areas traditionally supported by CCF, including the theory, algorithms, software, hardware, and architecture of computing and communication systems, through research at the intersection of computing and biological systems, nanoscale science and engineering, quantum information science, and other nascent, yet promising, areas. More information about CCF and the FET cluster can be found at: [https://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=505589&org=CCF&from=home](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505589&org=CCF&from=home)
- **Software and Hardware Foundations (SHF) cluster** SHF supports innovative research on foundational issues in computer architecture and the key challenges in

computer hardware and systems design, including, but not limited to, performance, energy efficiency, reliability, scalability, concurrency, and heterogeneity. More information about CCF and the SHF cluster can be found at:

[https://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=503301](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503301).

Formal consideration of interested applicants will begin immediately upon receipt of the first application and will continue until selections are made.

NSF Program Directors bear the primary responsibility for carrying out the Foundation's overall mission to support innovative, merit-evaluated fundamental research and education projects that contribute to the Nation's technological strength, security and welfare. The Program Director position requires outstanding knowledge of research topics and communities, a commitment to high standards of 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.

Qualification requirements for the position are a Ph.D. or equivalent professional experience in the relevant discipline in science or engineering, plus six or more years of successful research, research administration, and/or managerial experience in academe, industry, or government. The position requires effective oral and written communication skills, and familiarity with NSF programs and activities is highly desirable. The incumbent is expected to function effectively both as an individual within the specific NSF program and as a member of a crosscutting and interactive team. The incumbent must also demonstrate a capability to work across government agencies to promote NSF activities and to leverage program funds through interagency collaborations.

**The positions being recruited under this announcement will be filled under an Intergovernmental Personnel Act (IPA) assignment.** Individuals eligible for IPA assignments include those from state and local governments; private and public colleges and universities; Indian Tribal governments; federally funded research and development centers; and qualified non-profit organizations involved in public management, where such assignments would be of mutual benefit to the organizations involved. Initial assignments may be made for up to two years; assignments may total four years. An IPA assignment is funded through a grant to the individual's institution as reimbursement for salary and benefits. It is NSF's policy to require 10% cost sharing of the IPA's academic-year salary and fringe benefits; strongly-justified waiver requests may be considered.

For additional information on IPA assignments at NSF, please see, <https://www.nsf.gov/careers/rotator/ipa.jsp>.

Applications will be accepted from U.S. 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 [Citizen Affidavit](#) to their

application. This also applies to individuals considered for Intergovernmental Personnel Act (IPA) assignments to NSF. Non-citizens who do not provide the affidavit at the time of application will not be considered eligible.

## HOW TO APPLY

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Applications should be submitted electronically and must include contact information; a current CV; a cover letter that highlights the candidate's background as it specifically relates to the appropriate program objectives and describes availability time frame; and a list of references. Please make electronic submissions to Dr. Thyaga Nandagopal, Deputy Division Director, at [tnandago@nsf.gov](mailto:tnandago@nsf.gov).

**NSF is an Equal Opportunity Employer Committed to Employing a Highly Qualified Staff that Reflects the Diversity of Our Nation.**