

Engineering Research Transforming Our World



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Research Funding Opportunities

Organization: NSF RFP/Letter Name: US-EU Internet Core & Edge Technologies (ICE-T) 18-535 Due Date: May 7, 2018 Summary: NSF/CISE and the European Commission's (EC) Directorate General for Communication Networks, Content and Technology (DG CONNECT) seek to enable US and European Union (EU) researchers to collaborate to address compelling research challenges in NGI and AWN. Topics of interest include, but are not limited to, software-defined infrastructures; network function virtualization; resource management in support of content delivery; open data architectures for shared, federated research infrastructures; advanced wireless technologies; and research software tools to support advanced wireless and smart city/community testbeds. As such, NSF's ICE-T program will support awards in three classes: (1) Research Collaboration (RC) awards support collaborative research partnerships, pairing investigators at US institutions with EC-funded ICT investigators at EU institutions (or EU investigators who are requesting funding separately from the EC) (2) Research Collaboration Initiation (RI) awards support the establishment of entirely new collaborations, pairing investigators at US institutions with EC-funded investigators at EU institutions (or EU investigators who are requesting funding separately from the EC). (3) Research Fellowships (RF) awards support graduate students at US institutions to travel to EU institutions to engage in in situ research collaborations with EC-funded investigators (or EU investigators who are requesting funding separately from the EC).

Link:

https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505516&org=NSF&sel_org=NSF&from=fund

Monica Kessel

Grant Development
Manager

monica.kessel@usu.edu

(435) 797- 7125

ENGR 413N

Organization: NSF RFP/Letter Name: Formal Methods in the Field (FMitF) 18-536 Date: May 8, 2018 Summary: The Formal Methods in the Field (FMitF) program aims to bring together researchers in formal methods with researchers in other areas of computer and information science and engineering to jointly develop rigorous and reproducible methodologies for designing and implementing correct-by-construction systems and applications with provable guarantees. FMitF encourages close collaboration between two groups of researchers. The first group consists of researchers in the area of formal methods, which, for the purposes of this solicitation, is broadly defined as principled approaches based on mathematics and logic, including modeling, specification, design, program analysis, verification, synthesis, and programming language-based approaches. The second group consists of researchers in the "field," which, for the purposes of this solicitation, is defined as a subset of areas within computer and information science and engineering that currently do not benefit from having established

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communities already developing and applying formal methods in their research. Initially the program will limit the field to these four areas that stand to directly benefit from a grounding in formal methods: computer networks, cyber-human systems, machine learning, and operating/distributed systems. However other field(s) may emerge as priority areas for the program in future years, subject to the availability of funds. **Link:** https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505518&org=NSF&sel_org=NSF&from=fund

Organization: NIH RFP/Letter Name: Supplements to Advance Research (STAR) from Projects to Programs (Admin Supp) PA-15-109 Date: April 4, 2018 Summary: The objective of the NIAMS STAR Program is to promote innovation and exploration of high-risk ideas by providing supplemental funding to early established investigators (EEIs). The STAR Program will support activities that effectively allow EEIs to expand and explore new opportunities within the broader scope of a currently funded, peer-reviewed research project to facilitate the transition from a single, structured research project to a research program. For the purpose of this program, NIAMS EEIs as those who have successfully renewed a first NIAMS-supported R01. **Link:** <https://www.grants.gov/web/grants/view-opportunity.html?oppId=273072>

Internal Grants RGS Seed

Please submit your drafts to Monica by March 15 for COE review. <https://rgs.usu.edu/rd/rgs-funding/>

Monica Kessel

Grant Development
Manager

monica.kessel@usu.edu

(435) 797- 7125

ENGR 413N