IOWA STATE UNIVERSITY
Grants Hub

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2016 NSF CAREER Program Overview

Program Overview

The Faculty Early Career Development (CAREER) Program is a prestigious award from the National Science Foundation (NSF) in support of junior faculty who exemplify the role of teacher-scholars through outstanding research, excellent education, and the integration of education and research (NSF 15-555). The CAREER program is not a traditional research project proposal, but, rather, it is a proposal which establishes a career path that has a highly integrated research and education focus.

Program Eligibility

An eligible Principal Investigator (PI) must meet the following requirements by the proposal deadline:

- Hold a doctoral degree in a field supported by NSF
- Be untenured until October 1 following the deadline
- Be employed in a tenure-track position as an assistant professor by October 1 following the deadline
- Have not previously received a CAREER award
- Have not had more than two CAREER proposals reviewed

Note: Co-PIs are not allowed.

Proposal Deadline

Proposals will be submitted on or before the due date via FastLane by 5:00 p.m. local time. The proposal due date varies by NSF Directorate.

BIO, CISE, EHR: July 20, 2016
ENG: July 21, 2016
GEO, MPS, SBE: July 22, 2016

If you are not registered in FastLane or have forgotten your password, please complete this form. It is important to register in advance of the deadline.

ISU Proposal Development Resources

- Grants Hub – offers services for proposal consultation, budget development, editing, and graphics. Click here to submit a service request
- Grant Writing Consultants – Purchasing provides information on five grant consulting firms that have contracts with ISU. There is a fee associated with the consultants
- Toolbox for Researchers – The Office of the Vice President for Research provides numerous resources for researchers
- Broader Impacts – Resources to assist researchers with developing the Broader Impacts section of the proposal
- Data Management Plan – Library staff can assist researchers with their data management plan
- Research Institute for Studies in Education (RISE) – Provides services and consultation in quantitative and qualitative research, assessment, and evaluation
- Survey Research Services (SRS) – Provides statistical consulting and broad based data collection services

NSF CAREER Program Information

- Program Solicitation
- NSF CAREER Frequently Asked Questions
- NSF Presentation on the CAREER Program
- NSF CAREER Directorate/Division Contacts
- NSF CAREER Mock Review Panel
- Recently Awarded CAREER Grants
- NSF Grant Proposal Guidelines

Proposal Writing Resources

- Writing a Winning CAREER Proposal – by Academic Research Funding Strategies, LLC
- NSF CAREER Proposal Writing Tips – by Z.J. Pei
- So You Want to Win a CAREER Award – by Richard M. Felder
- CAREER Award Writing Guide: Tips for Writing the Project Description – Berkeley Research Development Office
- Twelve Steps to a Winning Research Proposal – by George A. Hazelrigg, NSF
- NSF – A Guide for Proposal Writing

Education and Evaluation Resources

- Education Resources Information Center
- Council on Undergraduate Research
- Evidence for the Efficacy of Student-active Learning Pedagogies – by Jeff Froyd (2007)
- NSF User-Friendly Handbook for Project Evaluation (2002)

Funded Proposals

Note: These proposals were prepared under older versions of the CAREER solicitation and NSF guidelines. Please be sure to follow the instructions in the current solicitation and guidelines.

CAREER: Towards a formal theory of wireless networking (2010)
PI: Alejandro Ribeiro, University of Pennsylvania

CAREER: Contrasting environmental controls on regional CO2 and CH4 biogeochemistry – Research and education for placing global change in a regional, local context (2009)
PI: Ankur Desai, Atmospheric & Oceanic Sciences, University of Wisconsin-Madison

CAREER: Effects of particle size on physical and chemical properties of mine wastes (2009)
PI: Christopher Kim, Chapman University

CAREER: A Study of the Radiative Effects of Cloud Shadows on the Dynamics of Long-Lived Convective Storms (2007)
PI: Paul Markowski, Pennsylvania State University

CAREER: Earth System Science Perspective on the Sulfur Cycle (2004)
PI: James Farquhar, University of Maryland College Park

CAREER: Approximation Algorithms for Geometric Computing (2002)
PI: Sariel Har-Peled, University of Illinois at Urbana-Champaign