

**FACULTY
SUCCESS
SEMINARS**



**University
of Idaho**

*Please keep your microphone
muted until the Q&A session*

EARLY CAREER FACULTY RESEARCH FUNDING OPPORTUNITIES

**RESEARCH AND FACULTY DEVELOPMENT
FACULTY SUCCESS SEMINAR SERIES**

Carly Cummings, PhD, CPRA
Director, Office of Research and Faculty Development

Please note that this session is being recorded

HOUSEKEEPING ITEMS



I This seminar is being recorded

- Please stay muted until the Q&A portion at the end of the seminar
- Type questions into the chat box and these will be addressed during the Q&A portion

OFFICE OF RESEARCH AND FACULTY DEVELOPMENT



I We provide proposal development assistance across the spectrum *



I Meet goals in the UI strategic plan – grow research and creative efforts across all disciplines

I Reach out to discuss ideas with us and request service – uidaho.edu/orfd

*Not including budget preparation

All services are optional and are granted on a first come, first served basis

OBJECTIVES

OVERVIEW OF FUNDING OPPORTUNITIES FOR **EARLY CAREER FACULTY**



- National Science Foundation
- Department of Energy
- Department of Defense
- National Institutes of Health
- USDA NIFA AFRI
- American Council of Learned Societies
- Camille and Henry Dreyfus Foundation
- Beckman Foundation



Faculty Early Career Development Program (CAREER)

- The **NSF's most prestigious** award in support of early career faculty (**untenured**)
- Development of **teacher scholars**
 - Research plan **integrated** with an education plan
- 5-year award
- Budgets vary by directorate
 - BIO, ENG, OPP: \$500K *minimum*; others: \$400K *minimum*
- Deadline: July 26, 2021
- NSF nominates CAREER awardees for the Presidential Early Career Award for Scientists and Engineers (PECASE)

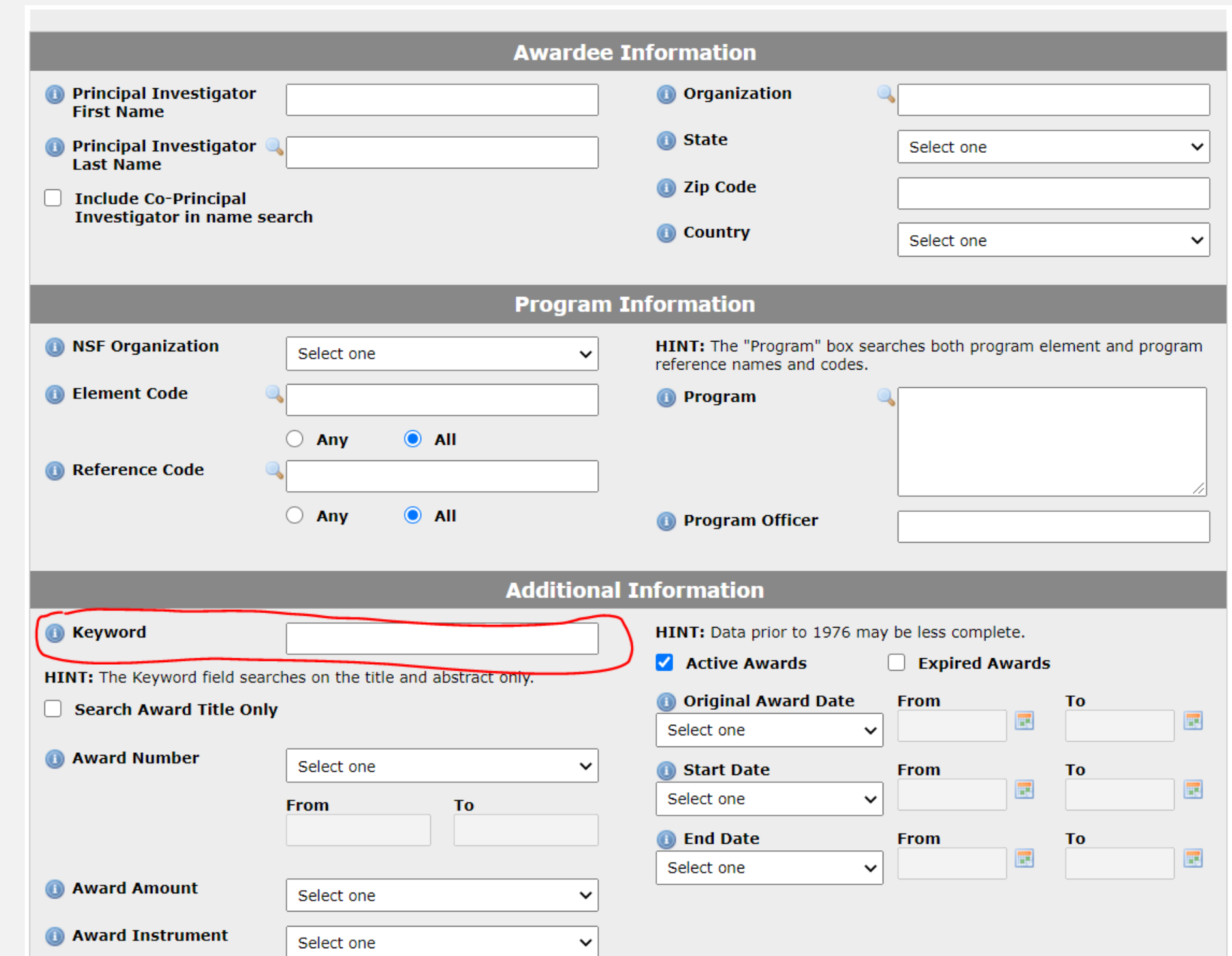
Faculty Early Career Development Program (CAREER)

- RFD Resources

- Proposal checklists, FAQs, other resources [here](#)
- NSF CAREER All Year seminar series (recordings & presentations [here](#))
- NSF CAREER Conversations ([Zoom](#))
 - Wednesdays 12:30-1:30 PT: March 31, May 5, May 19, June 9, June 23, July 7

I Faculty Early Career Development Program (CAREER)

- NSF Resources
 - [Solicitation](#), CAREER [PO contacts](#)
 - NSF Grants Conference CAREER session [recording](#) (56 min.)
 - Find awarded proposals [in your program](#)
 - [Advanced award search](#)
 - Keyword: **CAREER:**



The screenshot shows the NSF award search interface, divided into three main sections: Awardee Information, Program Information, and Additional Information.

- Awardee Information:** Includes fields for Principal Investigator First Name, Principal Investigator Last Name, Organization, State, Zip Code, and Country. There is also a checkbox for "Include Co-Principal Investigator in name search".
- Program Information:** Includes fields for NSF Organization, Element Code, Reference Code, Program, and Program Officer. There are radio buttons for "Any" and "All" for both Element Code and Reference Code. A hint states: "HINT: The 'Program' box searches both program element and program reference names and codes."
- Additional Information:** Includes a Keyword field (circled in red), a checkbox for "Search Award Title Only", and fields for Award Number, Award Amount, and Award Instrument. It also has date range fields for Original Award Date, Start Date, and End Date, each with "From" and "To" sub-fields. A hint states: "HINT: Data prior to 1976 may be less complete." There are checkboxes for "Active Awards" (checked) and "Expired Awards".

Early Career Program

- Stimulates research careers in the disciplines supported by DOE Office of Science
 - Align with research priorities outlined in the solicitation
- Early career **eligibility**
 - Within 10 years of receiving PhD and untenured
- 5-year award, typically \$750K
- **2-step** application process
 - Pre-applications (Nov. 20, 2020)
 - Full proposals by invitation only (Feb. 16, 2021)
 - Look for new solicitation to be released in October 2021



DOE

I Early Career Program

- DOE Resources
 - [Solicitation](#)
 - [FAQs](#)
 - Past awardee [abstracts](#)
 - Reach out for funded proposals

DOD



I Defense Advanced Research Projects Agency (DARPA) Young Faculty Award (YFA)

- Engage rising stars in junior research positions
 - Tenure-track Assistant Professors or Associate Professors within 3 years of Tenure
 - Emphasizes those **without prior DARPA funding**
 - **Goal:** develop next-generation of scientists and engineers to work on DoD and national security issues
- Align with topic areas mentioned in the solicitation (DSO, BTO, I20)
 - **Strongly encourage** the submission of an executive summary (FY21: late Oct. deadline)

DOD



I DARPA YFA

- 24-month base award period; \$250K/year
 - Additional 12-month “Director’s Fellowship” (\$500K) for exceptional awardees
- Look for new solicitation in early October (*anticipated deadline: Jan 2022*)
- DARPA resources
 - FY21 solicitation available [here](#) (Related Documents tab)
 - [Lists](#) of past awardees and Technical Office Briefings
 - YFA Proposers Day
 - Registration is required – look for Sep. announcement
 - [Sign up](#) for DSO News Updates

RESOURCES

- [DARPA Technical Office Briefings, YFA Principal Investigator Meeting – Feb 4, 2021](#)
 - [Acting DARPA Director](#)
 - [BTO](#)
 - [DSO](#)
 - [I2O](#)
 - [MTO](#)
 - [STO](#)
 - [TTO](#)
- [YFA Awardees 2020](#)
- [YFA Awardees 2019](#)
- [YFA Awardees 2018](#)
- [YFA Awardees 2017](#)
- [YFA Awardees 2016](#)
- [YFA Awardees 2006-2015](#)

DOD



I Young Investigator Programs (YIPs)

- Office of Naval Research ([ONR](#)), Air Force Office of Scientific Research ([AFOSR](#))
- Supports the best and brightest **early-career academic researchers** whose scientific pursuits show outstanding promise for supporting the DoD agency, while promoting their professional development
- \$510,000 for 36-month period
- Eligibility
 - PIs must be in their 1st or 2nd full-time tenure-track or tenure-track-equivalent academic appointment
 - PIs must have received their PhD (or equivalent) within the past seven years
 - PIs must be U.S. citizens, national, or permanent resident

DOD



I Young Investigator Programs (YIPs)

- Research alignment with the agency mission
 - ONR
 - Naval Research and Development Framework (download [here](#))
 - ONR Technology Areas: A-Z list [here](#)
 - AFOSR
 - Broad Agency Announcement ([BAA](#))

A screenshot of the Grants.gov website. The header includes the "GRANTS.GOV" logo and a search bar with "Grant Opportunities" selected. The main content area shows a "VIEW GRANT OPPORTUNITY" section for grant number "FA9550-19-S-0003" from the "Air Force Office of Scientific Research". A red circle highlights the grant number. There are "Apply" and "Subscribe" buttons at the bottom right of the listing.

GRANTS.GOV™
FIND. APPLY. SUCCEED.™

SEARCH: Grant Opportunities Enter Keyword... GO

HOME LEARN GRANTS SEARCH GRANTS APPLICANTS GRANTORS SYSTEM-TO-SYSTEM FORMS CONNECT SUPPORT

GRANTS.GOV Search Grants

VIEW GRANT OPPORTUNITY

FA9550-19-S-0003
Research Interests of the Air Force Office of Scientific Research
Department of Defense
Air Force Office of Scientific Research

Apply Subscribe

DOD



I Young Investigator Programs (YIPs)

- Resources
 - ONR FY21 FOA available [here](#) – click ‘Related Documents’ tab
 - FY21 dates: Feb. release date; Mar. 26, 2021 deadline
 - FY20 (*expired*) AFOSR solicitation is on [this](#) page
 - FY20 dates: March release date; June deadline

Maximizing Investigators' Research Award (MIRA) (R35)

- MIRA for Early Stage Investigators (ESIs)
 - ESI: completed terminal degree within past 10 years and has not been a PI of a substantial NIH research award
 - Support for a [program of research](#)
 - Increase flexibility for investigators to follow new research directions as opportunities arise (not bound by specific aims)
 - Unlike an R01, [no expectation of preliminary data](#)
 - Enable investigators' ability to move into research areas that are distinct from postdoctoral mentors → new scientific

Maximizing Investigators' Research Award (MIRA) (R35)

- MIRA for Early Stage Investigators (ESIs)
 - Up to \$250K in [direct costs](#)/year for up to 5 years
 - Deadlines: October 4, 2021; October 3, 2022
 - Resources
 - [FOA](#)
 - [Home page](#)
 - FAQs
 - Webinar video and slides (Aug. 2020)
 - ESI eligibility

USDA NIFA AFRI



I USDA NIFA (AFRI) New Investigator Program

- Food and Agricultural Science Enhancement (FASE) grant program
 - [Capacity building](#) – EPSCoR states
- PI does not have an extensive publication record; less than 5 years of postgraduate; career-track experience, and not have received competitively awarded federal research funding as PI/PD

USDA NIFA AFRI

I USDA NIFA (AFRI) New Investigator Program

- **Two types** of New Investigator grants
 - Standard grant
 - Funding dictated by program area priority
 - Seed grant
 - \$300K maximum, up to 2-years
- New Investigator applications reviewed with others in their category
 - The New Investigator box on the application must be checked
- Resources
 - [Webinars](#) and [FAQs](#)

AMERICAN COUNCIL OF LEARNED SOCIETIES (ACLS)



I ACLS Fellowship

- Scholars in disciplines of the [humanities and related social sciences](#) ([defined](#))
 - Topics can be grounded in any time period, world region, or humanistic methodology
- Eligibility
 - Untenured scholars who earned PhD in one of these fields within the past eight years
 - US citizen, permanent resident, or DACA recipient

ACLS Fellowship

- Funding for 6-12 months (full-time) to develop a **major piece** of scholarly work (e.g., monograph, articles, digital publication(s), critical edition)
 - \$5,000/month (\$30K - \$60K)
 - **Not** for producing fiction, textbooks, straightforward translation, or pedagogical projects
- Anticipated dates (*2021 competition has not been announced*)
 - Deadline: Sep. 30

ACLS Fellowship

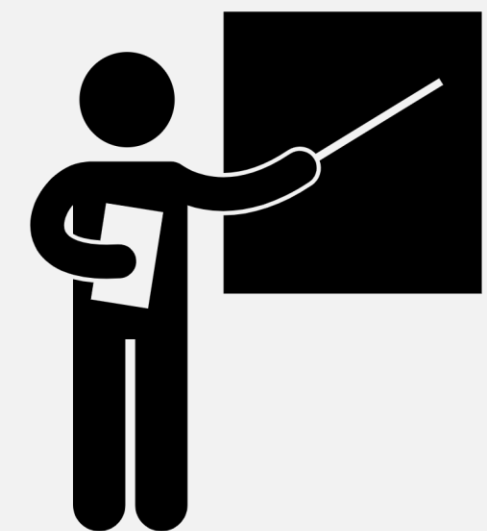
- Resources
 - [Website](#)
 - [FAQs](#)
 - [Guide](#): Writing Proposals for ACLS Fellowship Competitions
 - [Sample application](#)
 - Scroll to the bottom of [this page](#) to sign up for ACLS news

CAMILLE & HENRY DREYFUS FOUNDATION



I Camille Dreyfus Teacher-Scholar Awards Program

- Supports research and teaching careers of talented early career faculty in the **chemical sciences**
 - Within first 5 years of academic career
 - Awardees have an **independent body of scholarship** and a demonstrated **commitment to education**
 - Other considerations: awards/honors, publication in leading journals, and success in securing research funding
- \$100K for 5 years



CAMILLE & HENRY DREYFUS FOUNDATION



I Camille Dreyfus Teacher-Scholar Awards Program

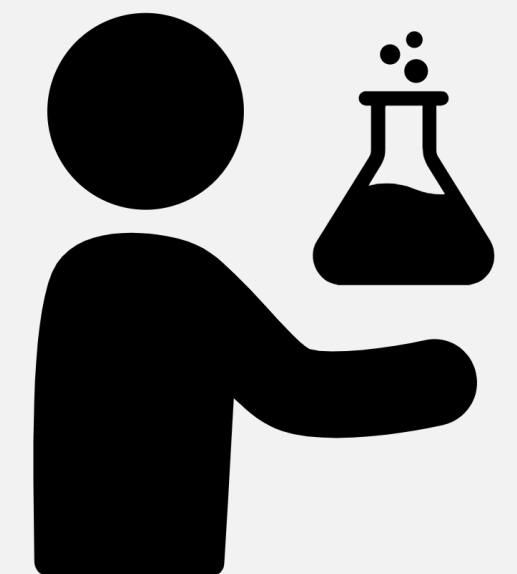
- LIMITED SUBMISSION: **One** institutional nomination/competition
 - Internal competition to be announced in mid-October
 - Anticipated deadline: Feb. 4, 2022
- Resources
 - [Program web page](#)
 - [Past awardees](#) (14 in 2020)

BECKMAN FOUNDATION



I Beckman Young Investigator Program

- Support of the most promising early career faculty members in the **chemical and life sciences**, particularly to foster the invention of methods, instruments and materials that will **open up new avenues of scientific research**
 - Truly innovative and high-risk projects
 - Early career scientists in **first three years** of tenure-track position, US citizens or permanent residents **and** have **not yet received a major award** from another organization
- ~\$600K for four years



BECKMAN FOUNDATION



Beckman Young Investigator Program

- **Three-step** application process
 - Letter of Intent (submit between June 1 and Aug 3 – *2021 dates not announced*)
 - Full proposal (*if invited*; deadline: Jan 11)
 - Interview (April 15)
- Resources
 - Program [web page](#)
 - [Funded scientists](#)

TAKE AWAY MESSAGES

- I Special funding opportunities for early career faculty exist
 - Variation in eligibility, prestige, level of support, etc.
- I When searching for funding opportunities in [Pivot](#), you can see opportunities that are for early career applicants



RFD CAN ASSIST YOU!



REQUEST RFD SERVICES

- Email: ored-rfdteam@uidaho.edu
- Url: <https://www.uidaho.edu/research/about/orfd>





Thank you for attending!

See you next time!

FACULTY SUCCESS SEMINARS



FALL 2020

- Sept. 9** NSF Research Traineeship (NRT) Program: Tips for Writing a Competitive Proposal
- Sept. 23** NSF CAREER All Year: Getting Ready to Apply
- Sept. 30** NSF EPSCoR RII Track-2: Tips for Writing a Competitive Proposal
- Oct. 7** Find Funding Opportunities: Introduction to Pivot
- Oct. 21** NSF CAREER All Year: Getting Started on Your Proposal
- Nov. 4** UPDATE: Mountain West Clinical and Translational Research-Infrastructure Network (MW CTR-IN) Funding Opportunities
- Nov. 18** Myth-busting Department of Defense Funding Opportunities
- Dec. 2** M. J. Murdock Trust's Commercialization Initiation Program: Tips for Writing a Competitive Proposal

SPRING 2021

- Jan. 13** Find Funding Opportunities: Introduction to Pivot
- Jan. 27** Funding Research and Scholarly Work in the Humanities
- Feb. 3** Idaho is an EPSCoR State - What This Means for Supporting Your Research
- Feb. 17** How to Develop and Deliver an Effective Pitch
- Mar. 3** Assessing Your Grant Readiness
- Mar. 24** Early Career Faculty Research - Grant Programs
- Apr. 7** USDA NIFA AFRI: Tips for Getting Started with Your Next Proposal
- Apr. 14** Developing Data Management Plans - Best Practices and Resources
- Apr. 28** Equipment Grant Programs: An Overview

ZOOM ID

uidaho.zoom.us/j/95865360877



scan this to zoom with us



WE GUIDE THE DEVELOPMENT OF COMPETITIVE EXTERNAL GRANT PROPOSALS

Office of Research and Faculty Development

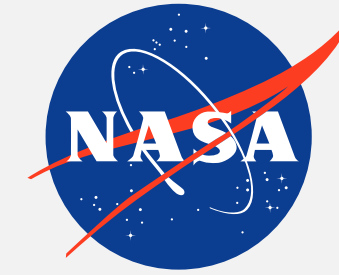
Email: ored-rfdteam@uidaho.edu

Website: uidaho.edu/orfd

Q&A



NASA



I Early Career Faculty (ECF)

- https://www.nasa.gov/directorates/spacetech/strg/archives_stro.html