Handouts – NSF Postdoctoral Programs and Policies

National Postdoctoral Association
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NSF Postdoctoral Fellowships

- Astronomy and Astrophysics
- Earth Sciences
- Computational Science
- Polar Regions
- Biology
- Engineering
- Math and Physical Sciences
- Social, Behavioral, and Economic Sciences
- Intelligence and security
- Sustainability

The objective is to introduce scientists and engineers in the early stages of their careers to international collaborative research opportunities.

- Any field of science and engineering research and education supported by NSF
- 9 to 24 months of support
- Apply when completing your doctorate or within 2-years of earning your doctorate

NSF Postdoctoral Policies

- NSF mentoring plans for postdoc scholars
  - Required since 2009
  - Feedback welcome in discussion session

- Career-Life Balance and Family-Friendly Policies
  - Leave and postponement policies
  - Feedback welcome in discussion session
Introduce yourself and your research expertise to the NSF program director.
- Call them to discuss the program
- Talk to them about your research interests

Tell them you want to be a peer reviewer
- Send them your CV and contact information
- Volunteer to do ad hoc reviews
  - Do it quickly and do a great job and you will be asked back!
- Ask when the next panel will be and send them a reminder that you want to participate a few months before
Faculty Early Career Development (CAREER)

- NSF-wide opportunity for pre-tenure teacher-scholars
  - outstanding research
  - excellent education and
  - the integration of education and research within the context of the mission of their organizations.

- Check eligibility window
- Volunteer to be a peer reviewer
- Plan to submit a few times

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503214
Work at the National Science Foundation

- A one- to four-year detail from your institution to NSF in Virginia to be a Program Director.
- Usually requires six or more years research or management experience.
  - Volunteer to be a panelist for NSF
  - Talk to the program office to let them know you are interested

www.nsf.gov/about/career_opps/rotators/index.jsp
NSF Program Director Work

- Program design
- Collaboration building
- Outreach
- Technical assistance
- Grant management
- Performance monitoring and oversight
- Evaluation and assessment
- Strategic planning and policy
- Mentoring
Career Options for STEM Professionals

- Journalism
- Academia
- Law enforcement and security
- Attorney (another degree)
- Public policy
- Business and marketing (possibly another degree)
- Administration and management
- Teaching
- Entrepreneur
- Consulting
- Evaluation
- Librarian/archivist
- Other
AAAS Science & Technology Policy Fellowships

- Designed to establish and nurture links between federal decision-makers and scientific professionals to support public policy that benefits the nation and the planet.

- Fellowships in four programmatic areas are offered:
  - Health, Education, & Human Services*
  - Diplomacy, Security & Development
  - Energy, Environment & Agriculture*
  - Congressional

- [http://fellowships.aaas.org](http://fellowships.aaas.org)

* Includes the National Science Foundation as a potential host
For U.S. Citizens who have already earned a Ph.D. degree in any of the following:

- Social and Behavioral sciences
- Medical and Health sciences
- Biological, Physical or Earth sciences
- Computational sciences and Mathematics
- Engineering disciplines (MS in engineering and three or more years of post-degree professional experience also qualify)

- Have solid scientific and technical credentials and the endorsement of three references
- Show a commitment to serve society
AAAS Policy Fellowship Program

- One-year fellowship with potential for renewal for an additional year
- Stipend range depends on experience: $73,000 to $95,000
- AAAS Fellowships are only temporary appointments
NIH Postdoctoral Programs

- **Pathway to Independence Awards (K99/R00)**
  - An opportunity for promising postdoctoral scientists to receive both mentored and independent research support from the same award

- **Research Supplements to Promote Diversity in Health-Related Research**
  - Support for high school, undergraduate, post-baccalaureate, graduate student or postdoctoral fellows to existing NIGMS grants.
NIH Postdoctoral Programs cont.

- Mentored Quantitative Research Career Development Awards (K25)
  - Supports the career development of quantitatively trained investigators who make a commitment to basic or clinical biomedicine, bioengineering, bioimaging, or behavioral research
  - [http://www.nigms.nih.gov/Training/CareerDev/MentoredQuantRes.htm](http://www.nigms.nih.gov/Training/CareerDev/MentoredQuantRes.htm)

- NRSA Individual Postdoctoral Fellowships (F32)