Post-Doctoral Extramural Program Inventory (January 5, 2015)

The following programs provide either direct (i.e., from sponsor) or indirect (i.e., from institution) funding for post-doctoral students that focus on educational or career, training or retention.

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National Postdoctoral Association (NPA)

National Postdoctoral Association Fellowship Repository

Notes from NPA: NIH and NSF have very specific programs to promote postdoc development; in the form of teaching fellowships. <u>NSF</u> also has fellowships available designed specifically for scientists interested in K-12 teaching. On an institutional level, the NIH-sponsored <u>IRACDA program</u> (Institutional Research and Academic Career Development Award) allows for institutional-based teaching fellowships for a set number of postdocs. Currently six such national programs with websites exist, each with its own unique acronym. <u>SPIRE</u> (UNC Chapel Hill), <u>FIRST</u> (Emory), <u>PROF</u> (UC Davis), <u>PERT</u> (U Arizona), the <u>IRACDA</u> (UCSD/SDSU), <u>PENN-PORT</u> (University of Pennsylvania) all currently award up to three years of support, and postdocs take part in an extensive, well-structured professional development program. Two other programs exist at the <u>University of Kansas</u> and <u>Vanderbilt University</u>. One final thing to bear in mind, all government-sponsored funding is only open to US citizens and residents. Foreign nationals on short-term visas are ineligible.

In terms of individual NIH funding, opportunities for career development fellowships with a teaching-based component are rare but occur, so it is important to read the program announcements carefully. One such was the <u>K07 Academic Career Award</u>, which required a commitment from awardees to develop skills in teaching, curriculum development and leadership as well as pursuing research. In general though, these types of awards are not common and generally designed for advanced level or specialist postdoctoral training.

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National Science Foundation

http://www.nsf.gov/funding/

- 1. Arctic Research Opportunities
- 2. <u>Atmospheric and Geo-Space Sciences Postdoctoral Research Fellowships</u>
- 3. <u>Centers of Research Excellence in Science and Technology (CREST) and HBCU</u>
- 4. <u>Research Infrastructure for Science and Engineering (RISE)</u>
- 5. <u>Documenting Endangered Languages</u>
- 6. <u>Geo-Prisms Program</u>
- 7. Intelligence Community (IC) Postdoctoral Research Fellowship Program
- 8. International Research Fellowship Program
- 9. Law & Social Sciences
- 10. Mathematical Sciences Postdoctoral Research Fellowships
- 11. NSF Astronomy and Astrophysics Postdoctoral Fellowships
- 12. NSF Earth Sciences Postdoctoral Fellowships
- 13. <u>NSF Fellowships for Transformative Computational Science using Cyber-Infrastructure</u>
- 14. Ocean Sciences Postdoctoral Research Fellowships
- 15. Pan-American Advanced Studies Institutes Program
- 16. Postdoctoral Research Fellowships in Biology
- 17. <u>SBE Postdoctoral Research Fellowships</u>
- 18. ASEE/NSF Corporate Postdoctoral Fellowship for Engineers
- 19. ASEE/NSF Small Business Postdoctoral Research Diversity Fellowship Program

National Institute of Health: Research Career Development (K) Award & Other Funding Opportunities Resources:

- <u>NIH Opportunity Notices</u>
- Information and Training for PostDoc Proposal Submission
- 1. <u>Ruth L. Kirschstein NRSA Individual Fellowship Funding Opportunities</u> <u>NCI Transition Career Development Award to Promote Diversity (K22)</u>
- 2. Building Interdisciplinary Research Careers in Women's Health (K12)
- 3. NIAID Career Transition Award (K22)
- 4. NIDDK Mentored Research Scientist Development Award (K01)
- 5. <u>Ruth L. Kirschstein National Research Service Award Individual Postdoctoral Fellowship</u> (Parent F32)
- 6. NIDCR Dentist Scientist Pathway to Independence Award (K99/R00)
- 7. <u>NIH Pathway to Independence Award (Parent K99/R00)</u>
- 8. Institutional Research and Academic Career Development Awards (IRACDA) (K12)
- 9. <u>Postdoctoral Training Program in Obstetric and Pediatric Pharmacoepidemiology (T32)</u>
- 10. Initiative to Maximize Research Education in Genomics (R25): Diversity Action Plan

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- 11. <u>AHRQ Individual Awards for Postdoctoral Fellows (F32) National Research Service Awards</u> (NRSA)
- 12. <u>NINDS Advanced Postdoctoral Career Transition Award to Promote Diversity in Neuroscience</u> <u>Research (K22)</u>
- 13. NIDDK Education Program Grants (R25)
- 14. NIDCR Dentist Scientist Career Transition Award for Intramural Investigators (K22)
- 15. National Cancer Institute Transition Career Development Award to Promote Diversity (K22)

Funding Opportunities and Resources for Postdoctoral Scholars

- 1. American Cancer Society
- 2. American Association of University Women Postdoctoral Research Leave Fellowship
- 3. Asian Pacific American Institute for Congressional Studies Fellowship
- 4. <u>American Council of Learned Societies</u> (Fellowships in the Humanities)
- 5. <u>American Heart Association</u> (AHA)
 - <u>Current Postdoctoral Training Program</u>
 - AHA Research (Mid-Atlantic)
 - <u>AHA Research Opportunities</u>
 - (note: many others found by keying "postdoc" in AHA search field)
- 6. ASEE-NSF Small Business Postdoctoral Research Diversity Fellowship
- 7. Burroughs Wellcome Fund: Underrepresented Minority Postdoctoral Enrichment Program
- 8. Congressional Black Caucus Foundation
- 9. <u>Congressionally Directed Medical Research Programs (Department of Defense)</u>
- 10. Congressional Hispanic Caucus Institute Young Professional Fellowship
- 11. Department of Defense ARL Postdoctoral Fellowship Program (PFP)
- 12. National Defense Science and Engineering Graduate (NDSEG) Fellowship
- 13. Ford Foundation Postdoctoral Diversity Fellowship
- 14. Irving S. Sigal Postdoctoral Fellowship (Sigal Fellowship) of the American Chemical Society (ACS)
- 15. Kaiser Permanente Burch Minority Leadership Development Award
- 16. Louis Stokes Urban Health Public Policy Fellows Program
- 17. L'Oreal USA Postdoctoral Fellowship for Women in Science
- 18. Naval Research Laboratory Postdoctoral Programs
- 19. Naval Surface Warfare Center Postdoctoral Programs
- 20. Robert Wood Johnson Foundation: New Connections Grants
- 21. United Negro College Fund (UNCF)/Merck Postdoctoral Science Research Fellowship
- 22. William T. Grant Foundation Scholars Minority Mentoring Supplement