

FUNDING OPPORTUNITIES FOR ENVIRONMENTAL POST-DOCS (7-09)

Compiled by Michigan State University's Environmental Science and Policy Program (ESPP)

This compilation is organized as opportunities which:

(A) are explicitly environmental

(B) have a more general focus, but could enable environmental work.

Some are formal post-docs; others are smaller grants.

Immediately below is a brief list of the fellowships; more detailed accounts follow.

A. ENVIRONMENTAL POST-DOCTORAL FELLOWSHIPS

American Association for the Advancement of Science (AAAS) Science and Technology Fellowships (Policy process)

CALFED Science Program, in cooperation with California Sea Grant

Center for Field Research, Earthwatch

Charles A. and Anne Morrow Lindbergh Foundation

Climate and Global Change Postdoctoral Fellowship Program, NOAA

Cooperative Institute for Research in Environmental Science (CIRES) Postdoctoral Fellowships, University of Colorado - Boulder

David H. Smith Conservation Research Fellowships, Society for Conservation Biology

Earth Institute Fellows Program, Columbia University

Environmental Fellows Program, Harvard University Center for the Environment

Environmental Protection Agency postdoctoral opportunities

Environmental Research and Education Foundation - Francois Fiessinger Scholarship (Waste management)

Fuller Science for Nature Fellowships, World Wildlife Fund

Gaylord Donnelley Environmental Fellowship, Yale University

Gilbert F. White Postdoctoral Fellow, Resources For the Future (Social sciences)

International Institute for Applied Systems Analysis (IIASA) Postdoctoral Program

Kleinhans Fellowship – Rainforest Alliance (Non-timber forest products)

Lawrence Fellowship, Lawrence Livermore National Laboratory

Oak Ridge National Laboratory Postdoctoral Research Associates Program

Postdoctoral Earth and Planetary Sciences Fellowship, National Air and Space Museum

Postdoctoral Environmental Management Participation at the U.S. Army Environmental Center

Postdoctoral Fellowship in the Earth, Environmental, and Ocean Sciences, Lamont-Doherty Earth Observatory of Columbia University

Postdoctoral Research Fellowships in Biology, National Science Foundation

Postdoctoral Support in the Atmospheric and Related Sciences, National Center for Atmospheric Research

S.V. Ciriacy-Wantrup Postdoctoral Fellowships in Natural Resource Economics and Political Economy, University of California – Berkeley

Science, Technology, and Public Policy Program, Harvard University

Smithsonian Institution Molecular Evolution Fellowships

Tupper Postdoctoral Fellowships in Tropical Biology, Smithsonian Tropical Research Institute

B. OTHER OPPORTUNITIES WHICH COULD ENABLE ENVIRONMENTAL POSTDOCTORAL WORK

American Institute of Indian Studies Fellowships

Christine Mirzayan Science and Technology Policy Internship Program, National Academy of Sciences (Policy process)

Crane-Rogers Foundation of the Institute of Current World Affairs (International fellowships)

Fulbright Scholarship Program

International Research Fellowship Program, National Science Foundation

IREX Grants- Individual Advanced Research Opportunities (SE Europe and Eurasia)

Minority Postdoctoral Research Fellowships, National Science Foundation

A. ENVIRONMENTAL POSTDOCTORAL FELLOWSHIPS

American Association for the Advancement of Science (AAAS) Science and Technology Fellowships (include EPA fellowships)

Description: Fellowships in six areas provide the opportunity for scientists and engineers to participate in and contribute to the federal policymaking process while learning firsthand about the intersection of science and policy. Fellowships in congressional offices and executive branch agencies.

Amount: \$70-85,000. Many awarded annually.

Eligibility: Ph.D. or Master's degree and experience. Must be U.S. citizen.

Deadline: December 15

CALFED Science Program, in cooperation with California Sea Grant

Description: For postdoctoral researchers who are interested in a career in multidisciplinary, multi-institutional, field-based research in riverine and estuarine systems. Up to three years of support.

Amount: \$45,000/yr and \$25,000 for research. Four-five awarded annually.

Eligibility: U.S. citizen or resident.

Deadline: TBA (usually June)

Center for Field Research, Earthwatch

Description: Researchers work with Earthwatch volunteers to investigate issues involving cultural and natural resources. Social and natural sciences.

Amount: \$17-51,000. About 150 projects funded annually.

Eligibility: Open to doctoral students, post-docs, and faculty. U.S. and foreign citizens. Limited funding availability currently (July 2009)

Deadline: Continuous. Must be submitted at least 18 months in advance.

Charles A. and Anne Morrow Lindbergh Foundation

Description: For men and women who... further the Lindberghs' vision of a balance between the advance of technology and the preservation of the natural/human environment. Lindbergh Grants are made in categories of: agriculture; aviation/aerospace; conservation of natural resources; education; health; adaptive technology; and waste minimization and management. A Jonathan Lindbergh Brown Grant may be given to a project to support adaptive technology or biomedical research which seeks to redress imbalance between an individual and his or her human environment.

Amount: \$11,000. 12 grants awarded annually (200 applicants).

Deadline: June; funding begins the following summer.

Climate and Global Change Postdoctoral Fellowship Program, NOAA

Description: This NOAA-sponsored program pairs recently graduated postdoctorates with host scientists at U.S. institutions to work in an area of mutual interest. The objective of this program is to help create the next generation of researchers needed for climate studies. It endeavors to attract recent PhD's in sciences that address studies of relevance to the NOAA Climate and Global Change Program.

Eligibility: Received PhD within the past five years

Deadline: January 15

Cooperative Institute for Research in Environmental Science (CIRES) Postdoctoral Fellowships, UC Boulder

Description: For research positions that may foster interdisciplinary training and exposure to scientific assessments and policy research. These positions are open to scientists with research interests in the areas of the CIRES research themes: climate system variability, geodynamics, planetary metabolism, regional processes, advanced modeling and observing systems, and integrating activities. One-two years.

Eligibility: U.S. and foreign citizens.

Deadline: January.

David H. Smith Conservation Research Fellowships, Society for Conservation Biology

Description: For research in the field of applied conservation biology that addresses pressing conservation issues for the United States. Opportunity for scientists to improve and expand their research skills, direct their research efforts toward problems of pressing conservation concern, and avail themselves of unique research opportunities by working closely with conservation practitioners. Two years.

Amount: \$50,000 salary and \$32,000 research money. 4-6 awarded annually.

Eligibility: Received PhD within the past five years. U.S. and foreign citizens.

Deadline: September 18

Earth Institute Fellows Program, Columbia University

Description: For understanding critical scientific and social issues related to meeting global sustainable development goals. Post-doctoral fellows will join multidisciplinary teams from a diverse group of Earth Institute research units and departments across Columbia University. They will build a foundation in one of the core disciplines represented within the Earth Institute (i.e., any of the social sciences, earth sciences, biological sciences, engineering sciences and health sciences) and acquire the cross-disciplinary expertise and breadth needed to address critical issues related to sustainable development and reducing environmental degradation, poverty, hunger and disease. Two years.

Amount: \$48,000/ year salary, \$12000 research allowance. Eight awarded annually.

Deadline: December 1

Environmental Fellows Program, Harvard University Center for the Environment

Description: Work with Harvard faculty members in any school or department to create new knowledge while also strengthening connections across the University's academic disciplines. Two years.

Amount: Roughly \$60,000. Six awarded annually.

Eligibility: Received PhD between May 2006 and August 2010. U.S. and foreign citizens.

Deadline: January 15

Environmental Protection Agency postdoctoral opportunities

Description: Different EPA centers and laboratories offer postdoctoral opportunities. Candidates are sought from disciplinary backgrounds including biomathematics, statistics, pharmacokinetics, toxicology, physiology, biology, biochemistry, biomedical engineering, biostatistics, environmental sciences, environmental epidemiology, epidemiology, human exposure analysis, applied mathematics, chemistry, ecology, biometrics, environmental modeling, aquatic ecology, estuarine ecology, landscape ecology, geography, economics or urban planning, and related fields. Three-four year appointments.

Amount: Varies.

Eligibility: U.S. and foreign citizens.

Deadline: Deadlines and postings vary.

Environmental Research and Education Foundation - Francois Fiessinger Scholarship (Waste Management)

Description: “For research within or outside of the U.S. in biological, physical, and social sciences as they relate to environmental research.” Focus on waste management. Previous awardees have examined excessive packaging, bioreactor landfills, nitrification, and remediation.

Amount: Up to \$12,000 per year, renewable for two additional years for a total of \$36,000. Up to three awarded per year.

Eligibility: Will be this year or are now a full-time Ph.D. student or postdoctoral researcher. Have a clearly demonstrated interest in waste management research. U.S. and foreign citizens.

Deadline: April 30.

Fuller Science for Nature Fellowships, World Wildlife Fund

Description: For scientists addressing research questions that will improve the practice of biodiversity conservation.

Amount: \$50,000 salary and \$15,000 research funding/ year. Number awarded annually varies.

Eligibility: Received PhD within the past five years.

Deadline: TBA

Gaylord Donnelley Environmental Fellowship, Yale University

Description: For research in biodiversity or for research that combines biodiversity with public policy and conservation. Fellows will work in collaboration with a Yale faculty member -- and must be nominated by faculty member. Two years.

Amount: \$42,000 and \$2,000 in contingency funds. One awarded annually.

Eligibility: Received PhD within the past three years.

Deadline: TBA – usually December

Gilbert F. White Postdoctoral Fellow, Resources for the Future

Description: For scholarly work in areas related to natural resources, energy, or the environment. Social scientists as well as natural scientists interested in policy-relevant interdisciplinary research are encouraged to apply. One year.

Amount: Varies. One awarded annually.

Eligibility: Ph.D. Teaching and/or research experience at the postdoctoral level is preferred though not essential. Note: past winners are mostly professors.

Deadline: TBA – usually February

International Institute for Applied Systems Analysis (IIASA) Postdoctoral Program

Description: IIASA conducts interdisciplinary scientific studies on environmental, economic, technological, and social issues in the context of human dimensions of global change. IIASA Postdoctoral Program will encourage and promote the development of young researchers and offer them the opportunity to further their careers by gaining hands-on professional research experience in a highly international scientific environment. One-two years.

Amount: “Full funding.” Two awarded annually.

Eligibility: U.S. and foreign citizens.

Deadline: TBA – usually February

Kleinhans Fellowship, Rainforest Alliance (Non-timber forest products)

Description: For research to better understand and improve the impacts of non-timber forest product (NTFP) harvest and marketing on rural livelihoods and tropical forest ecosystems. The research area must be in Latin America. Applications for projects conducted in the Petén region of Guatemala or Southern Mexico are especially encouraged. Two years.

Amount. \$15,000/ year. One grant per year.

Eligibility: Must have master's degree in forestry, ecology, botany, environmental science or an appropriate related field. Doctoral candidates or post-doctoral researchers are preferred. U.S. and foreign citizens.

Deadline: December 31

Lawrence Fellowship, Lawrence Livermore National Laboratory

Description: Pursue cutting-edge science and stimulate cross-fertilization of ideas -- experimental and/or theoretical work, conducted in collaborative, multidisciplinary manner. Areas of interest: Biosciences, Chemistry and Material Science, Computation, Defense and Nuclear Technologies, Energy and Environment, Engineering, National Ignition Facility, Nonproliferation, Homeland & International Security, Physics and Advanced Technologies, Safety and Environmental Protection. Three years.

Amount: \$96,000/ year. Two-four fellowships each year.

Eligibility: Received PhD within last five years. U.S. and foreign citizens

Deadline: TBA – usually November

Oak Ridge National Laboratory Postdoctoral Research Associates Program

Description: For research and training in a broad range of science and engineering activities related to basic sciences, energy, and environment at Oak Ridge National Laboratory (ORNL) in Tennessee. Research at the laboratory focuses on neutron sciences, complex biological systems, terascale computing and simulation science, energy and environmental systems of the future, and advanced materials. “All of the disciplines represented in current ORNL research and development are appropriate to the Postdoctoral Research Associates Program. This includes specialties in the biomedical, chemical, computational, economic, engineering, environmental, life, mathematical, physical, and social sciences.” One year, renewable for two more.

Amount: Varies. Number awarded varies each year.

Eligibility: Received PhD recently. U.S. and foreign citizens.

Deadline: Continuous

Postdoctoral Earth and Planetary Sciences Fellowship, National Air and Space Museum

Description: For geologic and geophysical research at the Smithsonian Institution's National Air and Space Museum's Center for Earth and Planetary Studies. Research will use remote sensing data obtained from Earth-orbiting and interplanetary spacecraft. Research also focuses on global environmental change. One or more years.

Amount: Stipend compatible with National Research Council postdoctoral fellowships. Number awarded varies.

Deadline: January in years when the fellowship is available

Postdoctoral Environmental Management Participation at the U.S. Army Environmental Center

Description: Participate in environmental projects involving cultural and natural resources, restoration, compliance, conservation, pollution prevention, validation, demonstration, technology transfer, quality assurance and quality control, training, information management and reporting, and related issues. Discipline(s): archaeology, biology, chemistry, ecology, engineering, entomology, environmental sciences, forestry, history, information sciences, plant pathology, wildlife biology, zoology, related scientific disciplines. One-four years.

Amount: Varies.

Eligibility: Received PhD within the last three years; U.S. citizens

Deadline: Continuous, as opportunities become available (not always available)

Postdoctoral Fellowships in the Earth, Environmental, and Ocean Sciences, Lamont-Doherty Earth Observatory of Columbia University

Description: To work with scientists in the fields of solid earth dynamics (e.g. seismology, geodesy, mantle dynamics, petrology/geochemistry, earthquake and rock mechanics, marine and continental tectonics/ geology/ geophysics), ocean and atmospheric dynamics (e.g. climate/paleoclimate, climate forecasting, physical/chemical oceanography) and life sciences (e.g. biological oceanography, biogeosciences, plant physiology, paleontology). In addition, we are also developing programs in the ocean's role in the global carbon cycle, in complex and dynamical systems, coastal and estuarine processes, terrestrial ecology, and natural hazards. 21 months.

Amount: \$51,000 salary and \$5,000 research allowance. Multiple awards annually.

Eligibility: Recently completed Ph.D.

Deadline: TBA – usually January

Postdoctoral Support in the Atmospheric and Related Sciences, National Center for Atmospheric Research

Description: The National Center for Atmospheric Research (NCAR) is a research institution located in Boulder, Colorado, operated by the nonprofit University Corporation for Atmospheric Research (UCAR). NCAR offers a continuing program of postdoctoral study in the atmospheric and related sciences. Applicants may be physicists, chemists, applied mathematicians, computer scientists, engineers, and specialists from related disciplines such as biology, geology, science education, economics, and geography.

Amount: \$53,000. Up to seven awarded.

Eligibility: Received PhD within last five years. U.S. and foreign citizens.

Deadline: January 5

S.V. Ciriacy-Wantrup Postdoctoral Fellowships in Natural Resource Economics and Political Economy, University of California - Berkeley

Description: To support advanced research at the University of California, Berkeley on natural resources (defined broadly to include environmental resources). The fellowship encourages, but is not limited to, policy-oriented research. Applicants can be from any social science discipline,

and related professional fields such as law and planning, who will make significant contributions to research on natural resource economics broadly defined. Preference will be given to proposals whose orientation is broadly institutional and/or historical, and which are conceptually and theoretically innovative. Proposals with a primarily statistical or econometric purpose are not eligible for consideration.

Amount: \$54,000. Two-four awarded annually.

Eligibility: U.S. and foreign citizens.

Deadline: December 8

Science, Technology, and Public Policy Program, Harvard University

Description: Fellowships in the stimulating environment of the Belfer Center for Science and International Affairs at Harvard University's Kennedy School of Government. Work on specific projects. One year with possibility for renewal.

Amount: \$34,000

Eligibility: Can have received PhD at any time. U.S. and foreign citizens.

Deadline: December 15

Smithsonian Institution Molecular Evolution Fellowships

Description: To support research that uses the resources and research opportunities offered at the Laboratory of Analytical Biology of the National Museum of Natural History (Washington, D.C.) or the Smithsonian Tropical Research Institute (Panama). One-two years.

Amount: \$40,000/ year. Five awarded annually.

Eligibility: Received PhD within the past seven years. U.S. and foreign citizens.

Deadline: January 15th

Tupper Postdoctoral Fellowships in Tropical Biology, Smithsonian Tropical Research Institute (STRI)

Description: The program enables postdoctoral investigators to conduct a 3-year project on a subject related to STRI research interests, working together with a STRI sponsor. Disciplines include ecology, anthropology, paleontology, evolutionary biology, molecular phylogenetics, biogeography, animal behavior, soil sciences and physiology of tropical plants and animals.

Amount: \$40,000/ year with yearly travel and research allotments. One fellowship awarded annually.

Deadline: January 15

Eligibility: U.S. and foreign citizens.

Location: Research should be based at one of the STRI facilities; proposals that include comparative research in other tropical countries will be considered.

Note: Shorter postdoctoral research opportunities are also available.

(B) OTHER OPPORTUNITIES WHICH COULD ENABLE ENVIRONMENTAL POSTDOCTORAL WORK

American Institute of Indian Studies Fellowships

Description: For 9-11 months research in India

Amount: Full support, amount varies. Roughly a quarter of applications are funded.

Eligibility: Applicants may be from any discipline, and need not be U.S. citizens, although they must be attending or working at a U.S. institution of higher education. Grants for doctoral students and post-docs.

Deadline: July 1

Christine Mirzayan Science and Technology Policy Internship Program, National Academy of Sciences

Description: Designed to expose students or postdoctoral scholars to the analysis that informs the creation of science and technology policy and to familiarize them with the interactions of science, technology, and government. As a result, students develop essential skills different from those attained in academia and make the transition from being a graduate student to a professional. Fellows have mentors and receive briefings from diverse organizations. Ten weeks long, three sessions annually.

Amount: \$8000. Less than 10% of applicants are selected.

Eligibility: Graduate students through post-doctoral scholars in any physical, biological, or social science field or any field of engineering, medicine/health, or veterinary medicine as well as business, law, education, and other graduate and professional programs. U.S. and foreign citizens.

Deadline: November 1 (winter session), March 1 (summer session), and June 1 (fall session).

Crane-Rogers Foundation of the Institute of Current World Affairs

Description: Provide talented and promising individuals with an opportunity to develop a deep understanding of an issue, country or region outside the United States and to share that understanding with a wider public. Not for research. Fellowships in diverse areas, also one on “forest and society.” Minimum two years.

Amount: Varies. One awarded in 2010.

Eligibility: No PhD required. Under 36 years old. Open to foreign nationals, but must enrich public life in the U.S.

Deadline: February 1

Fulbright Scholarship Program

Description: The Fulbright Scholar Program sends 800 U.S. faculty and professionals abroad each year. Grantees lecture and conduct research in a wide variety of academic and professional fields.

Amount: Varies.

Eligibility: Have received PhD. U.S. citizen.

Deadline: August 1.

International Research Fellowship Program, National Science Foundation

Description: The objective of the International Research Fellowship Program (IRFP) is to introduce scientists and engineers in the early stages of their careers to international collaborative research opportunities, thereby furthering their research capacity and global perspective and forging long-term relationships with scientists, technologists and engineers abroad. Priority given to applicants who haven't yet secured a tenure-track position and have no previous international experience. Nine-24 months.

Amount: Varies. 30-35 awarded annually.

Eligibility: Received PhD within past two years. U.S. citizen, national, or permanent resident

Deadline: September

IREX Grants- Individual Advanced Research Opportunities (Southeast Europe/Eurasia)

Description: Support in-depth field research by U.S. students, scholars and experts in policy-relevant subject areas related to Southeast Europe and Eurasia, as well as to disseminate knowledge about these regions to a wide network of constituents in the United States and abroad.

Research on contemporary political, economic, historical, or cultural developments relevant to U.S. foreign policy. Two-nine months.

Amount: Full funding.

Eligibility: Available for students and post-docs. For post-doc funding, must have PhD by application. Must have U.S. citizenship or permanent residency for three years prior to submitting an application.

Deadline: November 17

Minority Postdoctoral Research Fellowships, National Science Foundation

Description: The Directorate for Biological Sciences (BIO) and the Directorate for Social, Behavioral and Economic Sciences (SBE) offer Minority Postdoctoral Research Fellowships and related supporting activities in an effort to increase the participation of underrepresented groups in selected areas of science in the U.S. Two years.

Amount: \$60,000 per year. Twenty-five awarded annually.

Eligibility: U.S. citizens and permanent residents.

Deadline: TBA – usually November

Research Associateship Program, National Academy of Sciences

Description: Conduct research on projects which are compatible with the research interests of more than 30 sponsoring agencies. Agencies issue project descriptions.

Amount: Unclear.

Eligibility: Received PhD within last five years. Open to foreign nationals.

Deadline: Continuous.