

# Career Development Awards

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# Introduction

This pamphlet is designed to give an overview of career development grants in the biomedical sciences. It is not intended to be comprehensive, but rather to provide a summary of the most significant programs. This page includes information on the career development programs of the National Institutes of Health (K-series grants) and of several private funders. This pamphlet is also on the ORSP website, with active links to the various websites mentioned, at: [http://www2.umdj.edu/orspweb/finding\\_funding/career\\_development\\_awards.htm](http://www2.umdj.edu/orspweb/finding_funding/career_development_awards.htm). An excellent searchable database of funding opportunities and many other resources for undergraduate and graduate students, postdoctoral fellows, and junior faculty is available at GrantsNet (<http://www.grantsnet.org/>). GrantsNet is a free service provided by the Howard Hughes Medical Institute and the American Association for the Advancement of Science.

## National Institutes of Health (NIH)

The National Institutes of Health (NIH) has implemented a series of career development grant programs often called the K-series awards after the designation for the grant mechanism (K01, K02, K05, etc.) However, each of the NIH institutes and centers implement this award in different ways to accommodate the career needs of researchers working in fields related to their specific missions. Therefore, all candidates are strongly encouraged to contact the prospective NIH awarding component in the early stages of application preparation to discuss issues of eligibility and the specific provisions of these awards.

The application form for the career award is the standard PHS 398 form, which is available on the web at <http://grants.nih.gov/grants/forms.htm>. There is a special Table of Contents page that must be used with the application and that page is included within the 398 forms kit.

Below are brief descriptions of the various programs in the career development awards series. The website for the most current program announcement is included. Please check with the relevant program officers to ensure that your application is within current funding priorities and that you meet current eligibility standards.

More information is available on the NIH's Career Development website at: <http://grants.nih.gov/training/careerdevelopmentawards.htm>

### **Mentored Research Scientist Development Award (K01)**

<http://grants.nih.gov/grants/guide/pa-files/PA-00-019.html>

The Mentored Research Scientist Development Award (K01) provides support for an intensive, supervised career development experience in one of the biomedical, behavioral, or clinical sciences leading to research independence. Candidates for this award normally must have a research or health-professional doctorate and postdoctoral research experience at the time of application. In addition, the candidate must be able to demonstrate the need for a three, four, or five-year period of additional supervised research as well as the capacity and/or the potential for highly productive independent research. The proposed career development experience must be in a research area new to the applicant and/or one in which an additional supervised research experience will substantially add to the research capabilities of the applicant. The candidate must provide a plan for achieving independent research support by the end of the award period.

Although most of the NIH Institutes and Centers (ICs) use this award to support career development experiences that lead to independence, the characteristics of the ideal candidate may vary. Some of the ICs reserve this award for individuals who propose to train in a completely

new field or for individuals who have had a hiatus in their careers because of illness or pressing family circumstances. Other ICs reserve the K01 for faculty from underrepresented groups or faculty at minority serving institutions who may want to enhance their research skills and knowledge through a period of supervised training at a research center. Finally, some ICs use it to support a research experience that will substantially expand the knowledge and capabilities of a current postdoctoral scientist. Therefore, potential applicants are strongly advised to contact the appropriate NIH staff contact at the end of the complete announcement (see website) to discuss their particular situation before developing an application.

### **Independent Scientist Award (K02)**

<http://grants.nih.gov/grants/guide/pa-files/PA-00-020.html>

The Independent Scientist Award (K02) provides up to five years of salary support for newly independent scientists who can demonstrate the need for a period of intensive research focus as a means of enhancing their research careers. This award is intended to foster the development of outstanding scientists and enable them to expand their potential to make significant contributions to their field of research.

### **Senior Scientist Award (K05)**

<http://grants.nih.gov/grants/guide/pa-files/PA-00-021.html>

The Senior Scientist Award (K05) provides stability of support to outstanding scientists who have demonstrated a sustained, high level of productivity and whose expertise, research accomplishments, and contributions to the field have been and will continue to be critical to the mission of the particular NIH center or institute. The award provides salary support for award periods of up to five years as a means of enhancing the individual recipient's skills and dedication to his/her area of research. The Senior Scientist Award (K05) permits NIH institutes and centers to identify and support exceptionally talented investigators who are well established in their field of research.

Only the following NIH centers and institutes support this award:

- National Institute on Alcohol Abuse and Alcoholism
- National Cancer Institute
- National Institute on Drug Abuse
- National Institute of Mental Health
- National Center for Complementary and Alternative Medicine

### **Academic Career Award (K07)**

<http://grants.nih.gov/grants/guide/pa-files/PA-00-070.html>

The Academic Career Award (K07) is used to support individuals interested in introducing or improving curricula in a particular scientific field as a means of enhancing the educational or research capacity at the grantee institution. The K07 supports two types of activities. Development awards provide up to five years of support for junior candidates interested in developing academic and research expertise in a particular field, as a way to increase the overall pool of individuals capable of research or teaching in that area. Teaching, curriculum building, research, and leadership skills are to be learned during the tenure of the award. For junior candidates, a mentor is required. Leadership awards provide two to five years of support for senior individuals with acknowledged scientific expertise and leadership skills who are interested in improving the curricula and enhancing the research capacity within an academic institution

Only the following NIH centers and institutes support this award:

National Institute on Aging  
National Institute on Alcohol Abuse and Alcoholism  
National Cancer Institute  
National Institute of Mental Health  
National Center for Complementary and Alternative Medicine

**Mentored Clinical Scientist Development Award (K08)**

<http://grants.nih.gov/grants/guide/pa-files/PA-00-003.html>

The purpose of the Mentored Clinical Scientist Development Award (K08) is to support the development of outstanding clinician research scientists. This mechanism provides specialized study for individuals with a health professional doctoral degree committed to a career in laboratory or field-based research. Candidates must have the potential to develop into independent investigators. The K08 supports a three, four, or five year period of supervised research experience that may integrate didactic studies with laboratory or clinically-based research. The proposed research must have intrinsic research importance as well as serving as a suitable vehicle for learning the methodology, theories, and conceptualizations necessary for a well trained independent researcher.

**Mentored Clinical Scientist Development Program Award (K12)**

<http://grants.nih.gov/grants/guide/pa-files/PA-00-140.html>

The Mentored Clinical Scientist Development Program Award (MCSDDPA) is an award to an educational institution to support career development experiences for clinicians leading to research independence. At present this mechanism is only supported by the National Institute of Dental and Craniofacial Research. Under this award, newly-trained clinicians are to be selected and appointed to this program award by the grantee institution. In other respects, the research experience of the candidates selected for support under this award should resemble those supported by the individual Mentored Clinical Scientist Development Award.

Applications for this award should propose a research plan which has both intrinsic research importance and will also serve as a suitable vehicle for learning the methodology, theories, and conceptualizations necessary for a well trained independent researcher. The program should be designed to accommodate appointees with varying levels of experiences. For example, a prospective candidate with limited experience in a given field of research may find it appropriate to engage in a structured, phased developmental program, including a designated period of didactic training followed by a period of supervised research experience. The entire program should be comparable in scope and rigor to meeting the requirements for an advanced research degree.

## **Career Transition Award (K22)**

This award provides support to an individual postdoctoral fellow in transition to a faculty position. Often the first three or four years of training are provided at the NIH. Each participating institute implements this program differently. Please contact the appropriate institute for current guidelines.

### **National Eye Institute (K22)**

The NEI Scholars Program

<http://grants.nih.gov/grants/guide/pa-files/PA-98-107.html>

The purpose of the National Eye Institute (NEI) Scholars Program is to provide an opportunity for outstanding individuals to obtain laboratory or clinical research training within the NEI intramural environment and to facilitate the successful transition to continue their research career at an extramural institution as independent vision researchers. Individuals are provided with the necessary resources to receive high quality research training for three to four years at the NEI, followed by funding to support the research program for two years at the extramural institution to which the NEI Scholar is recruited. It is anticipated that NEI Scholars will subsequently compete for independent funding to continue their research.

### **National Cancer Institute (K22)**

The NCI Scholars Program

<http://grants.nih.gov/grants/guide/rfa-files/RFA-CA-98-026.html>

The purpose of the NCI Scholars Program is to provide an opportunity for outstanding new investigators to begin their independent research careers first within the special environment of the National Cancer Institute (NCI) and second to continue their careers at an institution of their choice. This program is designed to encourage exceptionally well-qualified new investigators to establish themselves in the cancer research field by providing them with independent research funding. This is accomplished by providing through an NCI intramural funding mechanism for three to four years the necessary resources to initiate an independent research program at the NCI, followed by support for two years through an extramural funding mechanism (K22) of their research program at the extramural institution to which they are recruited.

### **National Human Genome Research Institute (K22)**

Genome Scholar Development and Faculty Transition Award

<http://grants.nih.gov/grants/guide/pa-files/PA-99-022.html>

The purpose of the National Human Genome Research Institute (NHGRI) Genome Scholar Development and Faculty Transition Award is to enable promising new genome researchers to establish an independent research program in genomic research and analysis and to secure a tenure-track appointment in an academic institution in the United States. This is accomplished by providing the necessary resources to initiate an independent research program as a Genome Scholar in an extramural or a National Institutes of Health (NIH) intramural laboratory for up to two years followed by funding of their extramural research program for up to four years at an extramural institution to which she/he has been recruited as tenure-track faculty. The total number of years for both phases of the award cannot exceed five. This award has two phases--a Genome Scholar Development Phase and a Faculty Transition Phase. Applicants may apply for both phases or for the Faculty Transition Phase only. It is anticipated that awardees will subsequently obtain a research project grant (R01) to support the continuation of their research.

### **National Heart, Lung, and Blood Institute (K22)**

NHLBI Career Transition Award (K22)

<http://grants.nih.gov/grants/guide/pa-files/PAR-99-154.html>

The overall goals of the National Heart, Lung, and Blood Institute (NHLBI) Career Transition Award (K22) program are to enable outstanding individuals to obtain a research training experience in the NHLBI Division of Intramural Research and to facilitate their successful transition to an extramural environment as independent researchers. The award will provide up to three years of support for research training in an NHLBI intramural laboratory followed by two years of support for an independent research project in an extramural institution. It is anticipated that awardees will subsequently obtain research project grants such as the R01 to support the continuation of their work.

### **National Institute of Allergy and Infectious Diseases (K22)**

Research Scholar Development Award

<http://grants.nih.gov/grants/guide/pa-files/PAR-98-072.html>

The National Institute of Allergy and Infectious Diseases (NIAID) invites applications from outstanding intramural and extramural postdoctoral fellows for the Research Scholar Development Award (RSDA). The RSDA will provide support for postdoctoral fellows who are moving to assistant professor positions in an academic institution. The purpose of the RSDA is to ease the transition to an academic position by enabling the awardee to focus on the establishment of his/her research laboratory prior to submitting applications for grant support. This is a two-year pilot program begun May 15, 1998.

### **National Institute of Child Health and Human Development (K22)**

NICHD Career Transition Award

<http://grants.nih.gov/grants/guide/pa-files/PAR-98-025.html>

The overall goals of this program are to enable outstanding individuals to obtain a research training experience in the National Institute of Child Health and Human Development (NICHD) Division of Intramural Research and to facilitate their successful transition to an extramural environment as independent researchers. The Career Transition Award will provide two years of support for research training in an NICHD intramural laboratory followed by two years of support for an independent research project in an extramural institution. It is anticipated that awardees will subsequently obtain a research project grant (R01) to support the continuation of this work.

### **National Institute of Dental and Craniofacial Research (K22)**

NIDCR Scholar Development and Faculty Transition Award

<http://grants.nih.gov/grants/guide/pa-files/PAR-00-097.html>

The purpose of the National Institute of Dental and Craniofacial Research (NIDCR) Scholar Development and Faculty Transition Award is to enable promising new researchers to obtain additional mentored postdoctoral research experience and to secure a tenure line (or equivalent) position at a U.S. academic institution. This award has two phases--a Scholar Development Phase and a Faculty Transition Phase. The Scholar Development Phase provides the necessary resources to support mentored postdoctoral research training in an extramural or a National Institutes of Health (NIH) intramural laboratory for up to three years. The Faculty Transition Phase will fund the awardee's extramural research program for up to four years at an institution to which she/he has been recruited on a tenure line (or equivalent). The total number of years for both phases of the award cannot exceed five. Applicants may apply for both phases or for the Faculty

Transition Phase only. It is anticipated that awardees will subsequently obtain a research project grant (R01) to support the continuation of their research.

### **National Institute on Drug Abuse**

The NIDA Scholars Program

<http://grants.nih.gov/grants/guide/pa-files/PAR-00-092.html>

The purpose of this program is to provide an opportunity for outstanding new investigators to begin their independent research careers (the intramural phase) first within the collaborative and mentoring environment of the NIDA intramural research program (IRP) and then to continue their careers (the extramural phase) at an institution of their choice. This program is also intended to continually enhance and invigorate the NIDA intramural community by providing a cadre of new, creative scientists who will interact with and expand the collaborative research opportunities of NIDA intramural scientists. During the intramural phase of the program, the IRP will provide the Scholar the necessary resources to progress to a stage of research independence through a mentored 2-4 year experience within the NIDA IRP.

### **National Institute of Environmental Health Sciences (K22)**

Transition To Independent Positions (TIP)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-98-001.html>

Human health and human disease result from three interactive elements: (1) environmental exposures, (2) individual susceptibility, and (3) time. The mission of the National Institute of Environmental Health Sciences (NIEHS) is to reduce the burden of human illness and dysfunction from environmental exposures by understanding each of these elements and how they interrelate. The NIEHS achieves its mission through multi-disciplinary biomedical research programs, prevention and intervention efforts, and communication strategies that encompass training, education, technology transfer, and community outreach. An important element of the NIEHS mission is to develop the next generation of exceptionally talented young scientists who are committed to understanding the impact of environmental exposures on human health. The NIEHS TIP Program is a pilot Research Scholar Development Award (K22) program targeted to talented postdoctoral scientists. It provides a unique mechanism for attracting and supporting exceptionally talented new investigators who can impact our understanding of the problems and mechanisms associated with exposure to environmental agents in order to better protect the public health.

### **National Institute Of Neurological Disorders and Stroke (K22)**

NINDS Career Transition Award

<http://grants.nih.gov/grants/guide/pa-files/PAR-00-122.html>

The overall goals of the National Institute of Neurological Disorders and Stroke (NINDS) Career Transition Award (K22) program are to enable outstanding individuals to obtain a research training experience in the NINDS Division of Intramural Research and to facilitate their successful transition to an extramural environment as independent researchers. The award will provide two to three years of support for research training in a NINDS intramural laboratory followed by two to three years of support for an independent research project in an extramural institution. The combined duration cannot exceed five years. It is anticipated that awardees will subsequently obtain research project grants such as the R01 to support the continuation of their work.

### **National Institute of Nursing Research (K22)**

NINR Career Transition Award

<http://grants.nih.gov/grants/guide/rfa-files/RFA-NR-98-001.html>

The National Institute of Nursing Research (NINR) is participating in an NIH pilot program whose overall goals are to enable outstanding individuals to obtain a research training experience in the NIH intramural clinical research laboratories and to facilitate their successful transition to an extramural environment as independent researchers. The NINR Career Transition Award will provide up to three years of support for research training in an NINR or NIH intramural laboratory followed by two years of support for an independent program of research in an extramural institution. It is anticipated that awardees will subsequently obtain a research project grant (R01) to support the continuation of their work.

### **Mentored Patient-oriented Research Career Development Award (K23)**

<http://grants.nih.gov/grants/guide/pa-files/PA-00-004.html>

The purpose of the Mentored Patient-oriented Research Career Development Award (K23) is to support the career development of investigators who have made a commitment to focus their research endeavors on patient-oriented research. This mechanism provides support for three to five years of supervised study and research for clinically trained professionals who have the potential to develop into productive, clinical investigators focussing on patient-oriented research. Clinically trained professionals or individuals with a clinical degree who are interested in further career development in biomedical research that is not patient-oriented, should refer to the Mentored Clinical Scientist Career Development (K08) Award (see <http://grants.nih.gov/training/careerdevelopmentawards.htm> on the NIH website for details).

### **Midcareer Investigator Award in Patient-Oriented Research (K24)**

<http://grants.nih.gov/grants/guide/pa-files/PA-00-005.html>

The purpose of the Midcareer Investigator Award in Patient-Oriented Research (K24) is to provide support for clinicians to allow them protected time to devote to patient-oriented research and to act as mentors for beginning clinical investigators. The target candidates are outstanding clinical scientists who are actively engaged in patient-oriented research. Candidates are generally within 15 years of their specialty training. Candidates must be able to demonstrate the need for a period of intensive research focus as a means of enhancing their clinical research careers and must be committed to mentoring the next generation of patient-oriented researchers. The award is intended to further both the research and mentoring endeavors of outstanding patient-oriented investigators, to enable them to expand their potential for significant contributions to their field, and to act as mentors for beginning clinician researchers.

For the purposes of this award, patient-oriented research is defined as research conducted with human subjects (or on material of human origin such as tissues, specimens, and cognitive phenomena) for which an investigator directly interacts with human subjects. This area of research includes 1) mechanisms of human disease; 2) therapeutic interventions; 3) clinical trials, and; 4) the development of new technologies.

### **Mentored Quantitative Research Career Development Award (K25)**

<http://grants.nih.gov/grants/guide/pa-files/PA-99-087.html>

Research at the borders of disciplines and from fresh perspectives often produces surprising and exciting results. Increasingly, teams of scientists from diverse disciplines converge on a common research questions. Individuals who can independently bridge different disciplines, as well as those who are able to function as leading members of multi-disciplinary research teams are playing ever more valuable roles at the forefront of biomedicine. The purpose of the Mentored Quantitative Research Career Development Award (K25) is to engender and foster such activities by supporting the career development of investigators with quantitative scientific and engineering backgrounds outside of biology or medicine who have made a commitment to focus their research endeavors on behavioral and biomedical research (basic or clinical). This mechanism is aimed at research-oriented scientists with experience at the level of junior faculty (e.g., early to mid-levels of assistant professor or research assistant professor ranks). This award provides support for a period of supervised study and research for professionals with such backgrounds who have the potential to integrate their expertise with biomedicine and develop into productive investigators.

Examples of quantitative scientific and technical backgrounds outside of biology or medicine considered appropriate for this award include, but are not limited to: mathematics, statistics, computer science, informatics, physics, chemistry, and engineering.

### **Midcareer Investigator Award in Mouse Pathobiology Research (K26)**

National Center for Research Resources

National Institute on Aging

<http://grants.nih.gov/grants/guide/pa-files/PAR-99-065.html>

The purpose of the Midcareer Investigator Award in Mouse Pathobiology Research is to provide support for established pathobiologists to allow them protected time to devote to mouse pathobiology research and to act as mentors for beginning investigators. The target candidates are outstanding scientists engaged in pathobiology research who are within 15 years of their specialty training, who can demonstrate the need for a period of intensive research focus as a means of enhancing their research careers, and who are committed to mentoring the next generation of mouse pathobiologists. The award is intended to further the research and mentoring endeavors of outstanding mouse pathobiologists, enable them to expand their potential to make significant contributions to their field of research, and to act as mentors for beginning investigators.

### **Clinical Research Curriculum Award (CRCA) (K30)**

<http://grants.nih.gov/training/k30.htm>

The CRCA is an award to institutions and addresses, in part, the NIH's initiative to improve the quality of training in clinical research. The NIH recognizes that highly trained clinical researchers are needed in order to capitalize on the many profound developments and discoveries in fundamental science and to translate them to clinical settings. This RFA is intended to stimulate the inclusion of high-quality, multidisciplinary didactic training as part of the career development of clinical investigators. The CRCA supports the development or improvement of core courses designed as in-depth instruction in the fundamental skills, methodology, theories, and conceptualizations necessary for the well-trained, independent, clinical researcher. While many NIH programs support research experiences for new clinicians, not all of these trainees have the opportunity to receive formal course work in the design of clinical research projects, hypothesis development, biostatistics, epidemiology, and the legal, ethical and regulatory issues related to clinical research. This award is intended to support the development of new didactic programs in clinical research at institutions that do not currently offer such programs or, in

institutions with existing didactic programs in clinical research, to support or expand their programs or to improve the quality of instruction. The goal of this program is to improve the training of the participants, so that upon completion of their training, they can more effectively compete for research funding.

For the purpose of this award, clinical research includes: patient-oriented research, epidemiologic and behavioral studies, and outcomes or health services research. The NIH defines patient-oriented research as research conducted with human subjects (or on material of human origin such as tissues, specimens, and cognitive phenomena) for which an investigator directly interacts with human subjects. This area of research includes the development of new technologies, mechanisms of human disease, therapeutic interventions and clinical trials.

## Private Funders

This is not a comprehensive list of career development programs from private funders. The Office of Research and Sponsored Programs maintains a website with career development programs at [http://www2.umdj.edu/orspweb/finding\\_funding/career\\_development\\_awards.htm](http://www2.umdj.edu/orspweb/finding_funding/career_development_awards.htm)

### **American Cancer Society**

[http://www.cancer.org/eprise/main/docroot/RES/RES\\_5\\_1?sitearea=RES](http://www.cancer.org/eprise/main/docroot/RES/RES_5_1?sitearea=RES)

#### Postdoctoral Fellowships (PF)

This award is to support the training of researchers who have just received their doctorate to enable them to qualify for an independent career in cancer research (including basic, preclinical, clinical, psychosocial, behavioral, and epidemiologic research). Awards are made for one to three years with progressive stipends of \$35,000, \$37,000, and \$40,000 per year, plus a \$2,000 per year institutional allowance. Using special endowment funds, the Society annually selects several of the top-ranked fellows to receive special 3-year fellowships with an award amount of \$138,000. Applications must be received in the Society's Extramural Grants Department by March 1 or October 1.

#### Clinical Research Training Grants for Junior Faculty (CRTG)

This program supports the training of junior faculty within the first four years of their independent faculty appointment to conduct mentored clinical, epidemiological or health policy and outcomes research. Awards are made for up to three years for up to \$150,000 per year, including 25% indirect costs. These grants may be renewed once for a two-year period. Applications must be received in the Society's Extramural Grants Department by March 1 or October 1.

#### Cancer Control Career Development Awards for Primary Care Physicians

This award is made to support primary care physicians with a rank of instructor to assistant professor who are pursuing an academic career with an emphasis on cancer control. Awards are made for three years with progressive stipends of \$50,000, \$55,000, and \$60,000 per year. Applications must be received in the Society's Extramural Grants Department by October 1.

**American Heart Association**

<http://www.americanheart.org/research/>

**Scientist Development Grant**

The objective of the Scientist Development Grant (SDG) is to support highly promising beginning scientists in their progress toward independence by encouraging and adequately funding research projects that can serve to bridge the gap between completion of research training and readiness for successful competition as an independent investigator. Funding is available for research broadly related to cardiovascular function and disease, stroke, or to related clinical, basic science, and public health problems. Proposals are encouraged from all basic disciplines as well as for epidemiological and clinical investigations that bear on cardiovascular and stroke problems.

**American Lung Association**

<http://www.lungusa.org/research/>

**Career Investigator Awards**

Career Investigator Awards provide a stable salary and/or project support for investigators who are making the transition from junior to mid-level faculty. The award is not available to individuals who are full professors or who have more than eight years of faculty experience. The awards are designed to support physician investigators, but applications will be accepted from other scientists. Awards are \$50,000 per year and may be renewed for an additional two years depending on the availability of funds. An applicant must be a United States citizen, a Canadian citizen or permanent resident of the U.S. enrolled in a U.S. or Canadian institution. The deadline for applications is October 1.

**Burroughs Wellcome Fund**

[http://www.bwfund.org/career\\_dev\\_awards.htm](http://www.bwfund.org/career_dev_awards.htm)

**Career Awards in the Biomedical Sciences**

The Burroughs Wellcome Fund's Career Awards in the Biomedical Sciences are intended to foster the development and productivity of biomedical researchers who are early in their careers and to help them make the critical transition to becoming independent investigators. The awards provide \$500,000 over five years to bridge advanced postdoctoral training and the first three years of faculty service. During the postdoctoral period, award recipients may train at degree-granting institutions in the United States, Canada, or the United Kingdom. All faculty positions must be taken at a U.S. or Canadian degree-granting institution. It is expected that by the end of the award, recipients will be engaged in productive research programs and will be able to compete effectively for support from government and other extramural sources.

**Dermatology Foundation**

<http://www.dermfnd.org/>

**Health Care Policy Clinical Career Development Award**

This \$55,000 award (renewable up to two years) supports the establishment and development of health care policy careers for dermatologists. Applications are accepted from junior investigators who have completed formal clinical training in a dermatology residency program in the United States and are in the early stages of their academic careers. Health policy research includes outcome studies, information system development, as well as development and evaluation of methods for delivery and practice of population-based dermatology.

#### Clinical Career Development Award

This \$55,000 award (renewable up to two years) aims at investigators with significant creativity in clinically relevant research. Its purpose is to assist in transition from fellowship to established investigator. Applications are accepted from junior investigators in the early stages of their academic career. Applicants must have completed training in a U.S. dermatology residency program and be faculty members in a department or division of dermatology. The applicant must have initial training (2-3 year fellowship or postdoctoral training) in relevant research.

#### Research Career Development Award

This \$55,000 award (renewable up to two years) is to assist in the transition from fellowship to established investigator. Applications will be accepted from junior investigators in the early stages of their academic careers. Applicants must be faculty members in a department or division of dermatology, demonstrate a strong commitment to skin research and already have initial training (2-3 year research fellowship or postdoctoral training) in biomedical research.

#### Fellowship in Pediatric Dermatology

This program provides a \$45,000 stipend to foster the development of clinical scholars in pediatric dermatology that will advance the field through patient care, research and teaching. Applicants must have an M.D. or M.D., Ph.D. degree and have completed their clinical training in a dermatology residency program in the U.S. Applicants should be in the early stages of their career development, be board eligible or certified in dermatology and within five years of completion of their residency at the time of funding. Individuals with an academic appointment at the level of Assistant Professor or above are not eligible for this award. Applicant's preceptor must have an academic appointment in dermatology or be a preceptor in another program at the same institution if the latter has been approved by the dermatology chair by letter included with the application.

#### **Doris Duke Charitable Foundation**

Doris Duke Charitable Foundation

<http://ddcf.aibs.org/csa/index.asp>

#### Doris Duke Clinical Scientist Development Awards

The purpose of the Doris Duke Clinical Scientist Award Program is to help prepare and support new investigators with a MD or MD/PhD (physician-scientists) as they begin their careers as independent clinical researchers. The program is limited to the development of researchers in cardiovascular diseases, cancer, AIDS, and sickle cell anemia and other blood disorders. *Note: Experiments that utilize animals or primary tissues derived from animals will not be supported by this program.*

#### **March of Dimes**

<http://www.modimes.org/research2/RFPs/BasilO'Connor.htm>

#### Basil O'Connor Starter Scholar Research Award

This award is designed to support young scientists just embarking on their independent research careers and is limited, therefore, to those holding recent faculty appointments. The applicants' research interests should be consonant with those of the Foundation. Deans, Chairmen of Departments or Directors of Institutes/Centers should submit nominations for this award. The nomination should be postmarked or transmitted by facsimile no later than February 15. Candidates accepted by us will receive application forms to be submitted with a postmark on or before May 31. The final review of the proposals will be conducted by our scientific advisory committee in October and the candidates will be informed of the decisions shortly thereafter. The funding cycle begins on February 1 of the following year.

## **Pfizer, Inc.**

### Scholars Program for New Faculty

[http://www.physicianscientist.com/scholars\\_programs/index.html](http://www.physicianscientist.com/scholars_programs/index.html)

Support is provided to newly appointed medical school faculty members to conduct research in the areas of biological psychiatry/neuroscience, cancer biology/oncology, cardiovascular medicine, infectious diseases, and rheumatology/immunology. Grants are \$65,000 per year for two years.

### Pfizer/SAWHR Scholarly Grants for Faculty Development in Women's Health

[http://www.physicianscientist.com/scholars\\_programs/womens\\_health.html](http://www.physicianscientist.com/scholars_programs/womens_health.html)

The sponsor provides support for research in the basic biology of serious diseases that affect women. Applicants must demonstrate a research interest in biological mechanisms of diseases in women in one of the following therapeutic areas: cardiovascular disease/medicine; mental health; or reproductive physiology (which may include effects of sex hormones on reproductive and nonreproductive physiology).

## **Pharmaceutical Research and Manufacturers of America Foundation**

<http://www.phrmaf.org/>

See website for full description:

### Research Starter Fellowship in Pharmacology/Toxicology

<http://www.phrmaf.org/awards/pharmacology/starter.phtml>

### Research Starter Fellowship in Health Outcomes

<http://www.phrmaf.org/awards/outcomes/starter.phtml>

### Research Starter Fellowship in Pharmaceutics

<http://www.phrmaf.org/awards/pharmaceutics/starter.phtml>

### Research Starter Fellowship in Informatics

<http://www.phrmaf.org/awards/infomatics/starter.phtml>