

NATIONAL RESEARCH SERVICE AWARDS FOR INDIVIDUAL
POSTDOCTORAL FELLOWS
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PURPOSE

Introduction

This is an updated and expanded program announcement for the National Institutes of Health (NIH), National Research Service Award, Individual Postdoctoral Fellowship. It applies to all NIH funding Institutes and Centers, including the National Institute on Alcohol Abuse and Alcoholism, the National Institute on Drug Abuse, and the National Institute of Mental Health. A complete list of NIH institutes and centers (hereafter referred to as Institutes) can be found under INQUIRIES.

The main changes in this program announcement are the new application receipt and review dates, effective April 1, 1993, the revised payback provisions, effective June 10, 1993, and the revised stipend levels, effective with Fiscal Year 1994 awards.

The Congress of the United States established the National Research Service Award (NRSA) Program in 1974 to help ensure that highly trained scientists are available in adequate numbers and in appropriate research areas to carry out the Nation's biomedical and behavioral research agenda. Under this congressional authority, NIH awards NRSA individual postdoctoral fellowships (F32s) to qualified applicants, selected as a result of a national competition, to support full-time research training related to the missions of its constituent Institutes.

- o The criteria for evaluating applications focus on the candidate, the research training project, and the training resources and environment, including the sponsor.
- o Awards provide a stipend plus a small allowance to defray some training expenses.
- o The initial 12 months of NRSA postdoctoral support carries a service payback requirement, which can be fulfilled by continued training under the award or by engaging in other health-related research training, health-related research, or health-related teaching.

ELIGIBILITY REQUIREMENTS

Citizenship. At time of application, individuals must be citizens or noncitizen nationals of the United States, or have been lawfully admitted to the United States for permanent residence (i.e., in possession of a currently valid Alien Registration Receipt Card I- 551, or other legal verification of such status). Noncitizen nationals are generally persons born in outlying possessions of the United States (i.e., American Samoa and Swains Island). Individuals on temporary or student visas are not eligible.

Degree Requirements. As of the activation date of the NRSA award, individuals must have received a Ph.D., M.D., D.O., D.D.S., D.V.M., O.D., D.P.M., Sc.D., Eng.D., Dr.P.H., D.N.S., Pharm.D., D.S.W., Psy.D., or equivalent doctoral degree from an accredited domestic or foreign institution. Certification by an authorized official of the degree-granting institution that all degree requirements have been met is also acceptable.

Sponsorship. Before submitting a fellowship application, the applicant must arrange for appointment to an appropriate institution and acceptance by a sponsor who will supervise the training and research experience. The institution may be private (nonprofit or for-profit) or public, including a Federal laboratory.

Applicants requesting foreign training must show in the application that the foreign institution and sponsor offer special opportunities that are not currently available in the United States. Only in cases where there are clear scientific advantages will foreign training be supported. Applicants proposing training at their doctorate institution or at the institution where they have been training for more than a year must document thoroughly the opportunity for new training experiences that would broaden their scientific background.

The applicant's sponsor should be a competent, active investigator in the area of the proposed research, who will personally supervise the candidate's research. The sponsor must document, in the application, the availability of staff, research support, and facilities to provide a suitable environment for performing high-quality research training.

MECHANISMS OF SUPPORT

Period of Support. Individuals may receive up to three years of aggregate NRSA support at the postdoctoral level, including any combination of support from institutional training grants and individual fellowship awards. Exceptions to the three-year limit require a waiver from the NIH. Individuals interested in a waiver should consult with staff of the relevant NIH Institute.

Characteristics of Programs

The proposed NRSA training must encompass biomedical or behavioral research and offer an opportunity for individuals to broaden their scientific background or to extend

their potential for research in health-related areas. For those who have attained a health professional degree, the proposed training may be a part of a research degree program.

Individuals are required to pursue their research training on a full-time basis, devoting at least 40 hours per week to the training program. Research clinicians must devote full-time to their proposed research training and must confine clinical duties within their full-time training to those that are part of the research training experience.

The Secretary of the Department of Health and Human Services (DHHS) is required by law, in taking into account the Nation's overall needs for biomedical personnel, to give special consideration to physicians who agree to undertake a minimum of two years of biomedical or behavioral research. The NIH recognizes the critical importance of training clinicians to become researchers and encourages them to apply. Women, minorities, and individuals with disabilities are also encouraged to apply.

An NRSA may not be used to support studies leading to the M.D., D.O., D.D.S., D.V.M., or other similar health-professional degrees. Neither may these awards be used to support the clinical years of residency training.

Payback

The NIH Revitalization Act of 1993 substantially modified the service payback requirements for individuals supported by the NRSA program. For fellowship awards beginning on or after June 10, 1993, only fellows in the first 12 months of postdoctoral NRSA support will incur a service obligation of one month for each month of support. Postdoctoral fellows in the 13th and subsequent months of NRSA support will incur no further obligation, and such support will be considered acceptable postdoctoral payback service. Thus, individuals who begin their initial NRSA postdoctoral fellowship on or after June 10, 1993 and continue under that award for two years would have paid off their first year obligation by the end of the second year.

Postdoctoral fellows accepting an award covering their first 12 months of NRSA postdoctoral support must sign a payback agreement to engage in health-related research training, health-related research, or health-related teaching for a period equal to their initial 12 months of NRSA postdoctoral support.

Those who do not pay back their obligation through continued NRSA training or other full-time health-related research training may satisfy their obligation by serving in a full-time position in which health-related research and/or teaching constitute the primary activity or, if not serving in a full-time position of this kind, engaging in such research or teaching in a position(s) for periods that average more than 20 hours per week of a full work year.

Full-time academic appointments in a biomedical or behavioral field normally meet the payback requirement. Payback service may also be conducted in a governmental, commercial, or other nonacademic environment, and in the United States or in a foreign

country. Examples of acceptable payback service include research associateships/assistantships, postdoctoral research fellowships, and college or high school science teachers. Examples of unacceptable payback service include clinical practice and administrative responsibilities not directly related to scientific research.

Payback service positions are arranged by the individual, not by the NIH. The funding NIH Institute will review and approve the activity at the end of the year in which it occurs. Service to satisfy any outstanding obligation must be initiated within two years after termination of NRSA support, and must be performed on a continuous basis. For individuals who fail to fulfill their service obligation, the United States is entitled to recover the total amount of NRSA funds paid to the individual for the obligated period plus interest at a rate determined by the Secretary of the Treasury. Financial payback must be completed within 3 years, beginning on the date the United States becomes entitled to recover such amount.

Under certain conditions, the Secretary of DHHS may extend the period for starting service, permit breaks in service, extend the period of repayment, or otherwise waive, in whole or in part, the payback obligation of an individual. Questions on payback should be directed to the appropriate Institute contact.

Stipends

NRSA's provide stipends to postdoctoral researchers as a subsistence allowance to help defray living expenses during the research training experience. The awards are not provided as a condition of employment with either the Federal Government or the sponsoring institution.

The stipend level for the first year of NRSA support is determined by the number of years of relevant postdoctoral experience at the time the award is issued. Relevant experience may include research experience (including research in industry), teaching, internship, residency, clinical duties, or other time spent in full-time studies in a health-related field beyond that of the qualifying doctoral degree. Current postdoctoral stipends, effective with Fiscal Year

1994 awards, are as follows:

Full Years of Relevant Experience	Annual Amount
Less than 1	\$ 19,608
1	20,700
2	25,600
3	26,900
4	28,200

5	29,500
6	30,800
7 or more	32,300

The stipend for each subsequent year of NRSA support is the next level in the stipend structure and begins on the anniversary date of the original activation. No departure from the standard stipend schedule may be negotiated between the institution and the fellow.

For fellows sponsored by domestic non-Federal institutions, the stipend will be paid through the sponsoring institution. For fellows sponsored by Federal or foreign institutions, the monthly stipend payment will be direct deposited in the fellow's U.S. bank account or paid directly to the fellow by U.S. Treasury check.

An institution is allowed to provide funds to a fellow in addition to the stipend paid by the NIH. Such additional amounts may be in the form of augmented stipends (supplementation) or compensation for services.

Stipend Supplementation. Supplementation, when provided, must not obligate the fellow in any way. Additionally, no Federal funds may be used for supplementation unless specifically authorized under the terms of both the program from which such supplemental funds are to be received and the program whose funds are to be supplemented.

Under no circumstances may Public Health Service (PHS) grant funds be used for supplementation.

Compensation. An institution may provide additional funds to a fellow in the form of compensation (as salary and/or tuition remission) for services, such as teaching or serving as a laboratory assistant. Compensation for services is not considered stipend supplementation. A fellow may receive compensation for services as a research assistant or some other position on a Federal research grant, including a PHS research grant. However, it is expected that compensated services will occur on a limited, part-time basis apart from the normal training activities, which require a minimum of 40 hours per week, and compensation may not be paid from a research grant that supports the same research that is part of the F32 training experience.

Under no circumstances may the conditions of stipend supplementation or the services provided for compensation interfere with, detract from, or prolong the fellow's approved NRSA training program.

Educational Loans or G.I. Bill. An individual may make use of Federal educational loan funds and assistance under the Veterans Readjustment Benefits Act (G.I. Bill). Such funds are not considered supplementation or compensation.

Concurrent Awards. An NRSA may not be held concurrently with another federally sponsored fellowship or similar award that provides a stipend or otherwise duplicates provisions of the NRSA. However, an individual may accept concurrent educational benefits from the Department of Veteran's Affairs (e.g., G.I. Bill) and from Federal loan funds.

Tax Liability

Section 117 of the Internal Revenue Code applies to the tax treatment of all scholarships and fellowships. Under that section, non-degree candidates are required to report, as gross income, all stipends and any monies paid on their behalf for course tuition and fees required for attendance. Degree candidates may exclude from gross income reported for tax purposes any amount used for tuition and related expenses, such as fees, books, supplies, and equipment required for courses of instruction at a qualified educational organization.

The taxability of stipends, however, in no way alters the relationship between NRSA fellows and institutions. NRSA stipends are not considered salaries. NRSA fellows are not considered to be in an employee-employer relationship with the NIH or the institution in which they are pursuing research training.

The interpretation and implementation of the tax laws are the domain of the Internal Revenue Service (IRS) and the courts. The NIH takes no position on what the status may be for a particular taxpayer, and it does not have the authority to dispense tax advice. Individuals should consult their local IRS office about the applicability of the law to their situations and for information on the proper steps to be taken regarding their tax obligations.

The business office of the sponsoring institution is responsible for the annual preparation and issuance of the IRS form 1099 (Statement of Miscellaneous Income) for fellows paid through the institution (fellows training at domestic non-Federal institutions). The NIH will issue the form for all fellows paid directly by them (fellows training at Federal or foreign laboratories).

Other Training Costs

NIH will provide an institutional allowance of \$3,000 per 12-month period to non-Federal, nonprofit sponsoring institutions to help defray such awardee expenses as tuition and fees, self-only health insurance, research supplies, equipment, travel to scientific meetings, and related items. This allowance is intended to cover training-related expenses for the individual awardee. The allowance is not available until the fellow officially activates the award. If an individual fellow is not enrolled or engaged in

training for more than 6 months of the award year, only one-half of that year's allowance may be charged to the grant. The Notice of Research Fellowship award will be revised and the balance must be refunded to the NIH.

The NIH will provide up to \$2,000 for fellows sponsored by Federal laboratories or for-profit institutions for the following specified expenses for the fellow: scientific meeting travel expenses, self-only health insurance, tuition and fees, and books. For fellows at for-profit institutions, the \$2,000 will be paid to the institution for disbursement to the fellow. Funds for fellows at Federal laboratories will be disbursed from the NIH awarding Institute.

Additional funds may be requested by the institution if the training of a fellow involves extraordinary costs for (1) travel to field sites remote from the sponsoring institution or (2) accommodations for fellows who are disabled, as defined by the Americans With Disabilities Act. The funds requested for extraordinary cost must be reasonable in relationship to the total dollars awarded under an F32 and must be directly related to the approved research training project. Such additional funds shall be provided only in exceptional circumstances that are fully justified and explained by the institution.

Travel Expenses. Awards for training at a foreign site include a single economy or coach round-trip travel fare. No allowance is provided for dependents. U.S. flag air carriers must be used to the maximum extent possible when commercial air transportation is the means of travel between the United States and a foreign country or between foreign countries.

Funds are not provided to cover the cost of travel between the fellow's place of residence and a domestic training institution. However, in cases of extreme need or hardship, a one-way travel allowance may be authorized by the sponsoring institution. Such travel must be paid from the institutional allowance.

APPLICATION PROCEDURES

Individuals must submit the Application for Public Health Service Individual National Research Service Award (PHS 416-1, rev. 10/91), including with the application at least three letters of reference. If the applicant has been lawfully admitted to the United States for permanent residence, a notarized statement documenting this status must be submitted with the application.

Applicants and sponsoring institutions must comply with policies and procedures governing the protection of human subjects, the humane care and use of live vertebrate animals, and the inclusion of women and minorities in study populations.

Applicants should indicate in Item 3 (Program Announcement or Request for Applications) on the face page of the application the initials of the NIH Institute (e.g., NIA, NIGMS) most appropriate to the research area of the application. The list of Institutes under INQUIRIES at the end of this announcement will be helpful in selecting

the appropriate initials. If the application is submitted in response to a published specific Program Announcement (PA) or Request for Applications (RFA) from a particular NIH Institute, the applicant should identify the number of the PA or RFA in Item 3. This information will be used as a guide in the assignment process.

Application kits and the brochure Helpful Hints on Preparing a Fellowship Application to the National Institutes of Health are available by writing the Grants Information Office, Division of Research Grants, National Institutes of Health, Westwood Building, Room 449, Bethesda, Maryland 20892, or by calling (301) 435-0714. A self-addressed mailing label will expedite written requests.

Concurrent Applications. An individual may not have more than one competing NRSA individual fellowship application pending concurrently with the NIH or the PHS.

Application Receipt and Review Schedule F32 applications undergo an expedited review that takes approximately 5 months. The three annual review cycles are as follows:

Application Receipt Dates:	Aug 5	Dec 5	Apr 5
Initial Review Dates:	Oct/Nov	Feb/Mar	Jun/Jul
Secondary Review Dates:	Dec/Jan	Apr/May	Aug/Sep
Earliest Possible Start Dates:	Jan 1	May 1	Sep 1

REVIEW CONSIDERATIONS

Applications receive two sequential levels of review. Initial review groups (IRGs), composed primarily of nongovernment scientists selected for their competence in particular scientific areas, evaluate applications for merit. The Scientific Review Administrator (SRA), a designated Federal official, coordinates the review of applications for each IRG.

After the initial review meeting, the SRA prepares a written summary of the review of each application and forwards it to the appropriate NIH Institute. There, a second level of review is provided by a committee of Institute staff members and a funding decision is made.

Review Criteria

The review criteria focus on three main components:

- o the applicant;
- o the research proposed (both its scientific merit and training potential); and
- o the training resources and environment, including the sponsor.

It is important to remember that the F32 program is a training mechanism and not a research mechanism. Major considerations in the review are the applicant's potential for a productive scientific career, the applicant's need for the proposed training, and the degree to which the research training proposal, the sponsor, and the environment will meet the needed training. For more details, see Review Criteria on page 4 of the instructions for application form PHS 416-1.

Notification

Shortly after the initial review meeting, each candidate will be sent a mailer that includes the IRG recommendation, where appropriate the priority score and percentile rank (except in those cases where the Institute does not percentile fellowships), and information regarding the Institute program official. The Institute automatically forwards a copy of the summary statement to the applicant as soon as possible after receipt from the IRG. Following the second-level review, the Institute will notify each applicant of the final disposition of the application. Any questions on initial review recommendations and funding possibilities should be directed to the appropriate Institute program official, not the scientific review administrator of the IRG.

Award Criteria

The staff of the NIH Institutes use the following criteria in making awards: (1) the IRG recommendation of the overall merit of the application; (2) the relevance of the application to the Institute's research priorities and program balance; and (3) the availability of funds.

Activation. An awardee has up to 6 months from the issue date on the award notice to activate the award. Under unusual circumstances, an NIH Institute may grant an extension of the activation period upon receipt of a specific request from the fellow.

Success Rate

In fiscal year 1993, NIH reviewed 2,075 NRSA F32 applications and made 793 awards, for an applicant success rate of 38.2 percent. The average success rate over the last 5 fiscal years was 38.5 percent. (These data, for all years, include the National Institute on Alcohol Abuse and Alcoholism, the National Institute on Drug Abuse, and the National Institute of Mental Health.) Because awards are made by individual Institutes, applicant success rates by Institute may vary. The availability of funds for future awards is contingent upon annual appropriations.

AUTHORITY AND REGULATIONS

NRSAs are made under the authority of Section 487 of the Public Health Service Act as amended (42 USC 288), and Title 42 of the Code of Federal Regulations, Part 66. The following Catalog of Federal Domestic Assistance numbers are applicable to these awards: 93.121, 93.172, 93.173, 93.272, 93.278, 93.282, 93.306, 93.361, 93.398, 93.821,

93.837-93.839, 93,846-93.849, 93.853-93.856, 93.859, 93.862-93.867, 93.880, 93.894, and 93.929.

Fellowships must be administered in accordance with the current National Research Service Award Guidelines for Individual Awards and Institutional Grants, the current PHS Grants Policy Statement, and any terms and conditions specified on the award notice. The following policies are noted.

Certification and Reporting Procedures. No application will be accepted without the applicant signing the certification block which indicates, among other things, intent to meet the payback provisions required under law. No funds may be disbursed until the fellow has started training under the award and an Activation Notice (PHS 416-5) has been submitted to NIH, accompanied by a Payback Agreement (PHS 6031) when the award is for the individual's initial 12 months of NRSA postdoctoral support.

When support ends, the fellow must submit a Termination Notice (PHS 416-7) to the NIH, and if the fellow has a payback obligation, he or she must notify the NIH of any change in address and submit Annual Payback Activities Certification forms (PHS 6031-1) until the payback service obligation is satisfied.

Inventions and Publications. Fellowships made primarily for educational purposes are exempted from the PHS invention requirements. F32 awards will not contain any provision giving PHS rights to inventions made by the awardee.

PHS policy is to make available to the public the results and accomplishments of the activities that it funds. Therefore, it is incumbent upon fellows to make results and accomplishments of their F32 activities available to the public. There should be no restrictions on the publication of results in a timely manner.

Except as otherwise provided in the terms and conditions of the award, the recipient is free to arrange for copyright without approval when publications, data, or other copyrightable works are developed in the course of work under a PHS grant-supported project or activity. Any such copyrighted or copyrightable works shall be subject to a royalty-free, nonexclusive, and irrevocable license to the Government to reproduce, publish, or otherwise use them, and to authorize others to do so for Federal Government purposes.

Nondiscrimination. The NIH research training and career development programs are conducted in compliance with applicable public laws enacted by the Congress since 1964, which provide that no person shall, on the grounds of race, color, national origin, handicap, or age, be excluded from participating in, be denied the benefits of, or be subjected to discrimination under any program or activity (or, on the basis of sex, with respect to any education program or activity) receiving Federal assistance.

This program is not subject to the intergovernmental review requirements of Executive Order 12372 or Health Systems Agency review.

INQUIRIES

For additional information contact the appropriate individual listed below.

NATIONAL INSTITUTE ON AGING (NIA)

Dr. Robin Barr (301) 496-9322

NATIONAL INSTITUTE ON ALCOHOL ABUSE AND ALCOHOLISM (NIAAA)

Division of Basic Research

Dr. Ernestine Vanderveen (301) 443-1273

Division of Biometry and Epidemiology

Dr. Mary Dufour (301) 443-4897

Division of Clinical and Prevention Research

Ms. Frances Cotter (301) 443-1206

NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES (NIAID)

Dr. Milton Hernandez (301) 496-7291

NATIONAL INSTITUTE OF ARTHRITIS AND MUSCULOSKELETAL AND SKIN DISEASES (NIAMS)

Dr. Richard Lymn (301) 594-9959

NATIONAL CANCER INSTITUTE (NCI)

Dr. John Schneider or Dr. Andrew Vargosko (301) 496-8580

NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT (NICHD)

Ms. Hildegard Topper (301) 496-0104

NATIONAL INSTITUTE OF DEAFNESS AND OTHER COMMUNICATION DISORDERS (NIDCD)

Dr. Daniel Sklare (301) 496-1804

NATIONAL INSTITUTE OF DENTAL RESEARCH (NIDR)

Dr. Thomas Valega (301) 594-7617

NATIONAL INSTITUTE OF DIABETES AND DIGESTIVE AND KIDNEY DISEASES (NIDDK)

Division of Diabetes, Endocrinology, and Metabolic Diseases

Dr. Ronald Margolis (301) 594-7549

Division of Digestive Diseases and Nutrition

Dr. Judith Podskalny (301) 594-7539

Division of Kidney, Urologic and Hematologic Diseases
Dr. Charles Rodgers (301) 594-7555

NATIONAL INSTITUTE ON DRUG ABUSE (NIDA)
Division of Basic Research
Dr. Charles Sharp (301) 443-1887

Division of Clinical Research
Dr. Arthur Horton (301) 443-4060

Division of Epidemiology and Prevention Research
Dr. Mario de la Rosa (301) 443-6543

Medications Development Division
Dr. Heinz Sorer (301) 443-6270

NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES (NIEHS)
Dr. Michael Galvin, Jr. (919) 541-7825

NATIONAL EYE INSTITUTE (NEI)
Dr. Maria Giovanni (301) 496-0484

NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS)
Dr. Michael Martin (301) 594-7753

NATIONAL HEART, LUNG, AND BLOOD INSTITUTE (NHLBI)
Division of Blood Diseases and Resources
Dr. Fann Harding (301) 496-1817

Division of Heart and Vascular Diseases
Dr. John Fakunding (301) 496-1724

Division of Lung Diseases
Ms. Mary Reilly (301) 594-7466

NATIONAL INSTITUTE OF MENTAL HEALTH (NIMH)
Division of Clinical and Treatment Research
Dr. Harry Gwirtsman (301) 443-3264

Division of Epidemiology and Services Research
Dr. Kenneth Lutterman (301) 443-3373

Division of Neuroscience and Behavioral Science
Ms. Mary Curvey (301) 443-3107

Office of AIDS
Dr. Leonard Mitnick (301) 443-6100

NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS AND STROKE
(NINDS)
Mr. Edward Donohue (301) 496-4188

NATIONAL INSTITUTE OF NURSING RESEARCH (NINR)
Dr. Teresa Radebaugh (301) 594-7590

NATIONAL CENTER FOR HUMAN GENOME RESEARCH (NCHGR)
Dr. Bettie Graham (301) 496-7531

NATIONAL CENTER FOR RESEARCH RESOURCES (NCRR)

Dr. Cynthia Pond (301) 594-7933

NOTE: The Office of Alternative Medicine at NIH, as announced in the NIH Guide for Grants and Contracts, Volume 23, Number 1, January 7, 1994, will provide funds for approximately six postdoctoral fellowships in fiscal year 1994. The funds will be provided to the appropriate Institute identified above which will award and administer the fellowship. Interested applicants should consult the above program announcement (PA-94-025) and if applicable, indicate the PA number in item 3 on the face page of the application. For further information, contact Dr. John Spencer (301) 402-4333

OTHER PHS ORGANIZATION MAKING F32 AWARDS

AGENCY FOR HEALTH CARE POLICY AND RESEARCH (AHCPR)
Ms. Donna Rae Castillo (301) 594-1362

OTHER SUPPORT

NIH provides other postdoctoral opportunities for training and career development for individuals interested in biomedical and behavioral careers. Among these are:

- o NRSA Institutional Training Grants
- o NRSA Senior Fellowships
- o International Research Fellowships and Minority International Institutional Training Grants (FIC)
- o Medical Informatics Post-Doctoral Fellowships and Fellowships in Applied Informatics (NLM)
- o Minority Access to Research Careers Faculty Fellowships (NIGMS)

- o Minority Faculty Development Awards and Minority NRSA Institutional Training Grants (NHLBI)
- o Career Opportunities in Research Faculty Fellowship Program (NIMH)
- o Research Supplements for Under-represented Minorities
- o Research Supplements to Promote the Recruitment of Individuals with Disabilities into Biomedical Research Careers
- o Research Supplements to Promote Reentry into Biomedical and Behavioral Research Careers

Individuals interested in the above programs are encouraged to contact the relevant F32 Institute contact listed under INQUIRIES in this announcement. The contact for the Fogarty International Center is Ms. Eileen Trevisan, (301) 496-1653, and the contact for the National Library of Medicine is Dr. Roger Dahlen, (301) 496-4221.

For a complete description of programs that provide scientific training support at levels from high school to the senior investigator level, and for training at research institutions, colleges, and universities around the United States, in other countries, and at the NIH facilities, please refer to Research Training and Career Development Programs Supported by the National Institutes of Health. (NIH Publication No. 92-2273). This booklet can be obtained from the Office of Grants Information, Division of Research Grants, National Institutes of Health, Westwood Building, Room 449, Bethesda, MD 20892, telephone (301) 435-0714. A self-addressed mailing label will expedite written requests.

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