

NIAID

National Institute of Allergy
and Infectious Diseases



U.S. Department of Health & Human Services

Introduction

For more than 50 years, commitment to the best possible science has driven NIAID's efforts to improve health in this country and abroad. Our research goals are among the most critical in biomedicine. Despite many important advances in prevention and therapy, infectious diseases remains a leading impediment to health, economic prosperity, and even social stability in much of the world. Many of the diseases we study have plagued human beings for thousands of years. Others have only recently become human health problems because of drug resistance, environmental changes, or other factors. Accomplishing our mission will require the combined talents of individuals from a number of professional fields. Consider becoming part of our growing team, which has made lasting contributions to a healthier, safer world.



ABOUT THE DIRECTOR

Having begun his distinguished career with NIAID in 1968, Anthony S. Fauci, M.D., became the Institute's Director in November 1984. An internationally renowned scientist, Dr. Fauci has made many contributions to understanding the pathogenesis of and developing treatments for a number of immune-mediated diseases.

NIAID: A Growth Organization

NIAID research is carried out by hundreds of biomedical scientists working in universities and other research institutions around the world (extramural) as well as NIAID laboratories in Maryland and Montana (intramural). Extramural research programs are managed by staff of the Division of Microbiology and Infectious Diseases; the Division of AIDS; the Division of Allergy, Immunology and Transplantation; and the Division of Extramural Activities. Intramural research is carried out in the Division of Intramural Research and the Dale and Betty Bumpers Vaccine Research Center.

LEARN MORE ABOUT OUR ORGANIZATION:

OFFICE OF THE DIRECTOR

www.niaid.nih.gov/about/organization/ODOffices

DIVISION OF MICROBIOLOGY AND INFECTIOUS DISEASES (DMID)

www.niaid.nih.gov/about/organization/DMID

DIVISION OF ALLERGY, IMMUNOLOGY AND TRANSPLANTATION (DAIT)

www.niaid.nih.gov/about/organization/DAIT

DIVISION OF ACQUIRED IMMUNODEFICIENCY SYNDROME (DAIDS)

www.niaid.nih.gov/about/organization/DAIDS

DIVISION OF EXTRAMURAL ACTIVITIES (DEA)

www.niaid.nih.gov/about/organization/DEA

DIVISION OF INTRAMURAL RESEARCH (DIR)

www.niaid.nih.gov/about/organization/DIR

DALE AND BETTY BUMPERS VACCINE RESEARCH CENTER (VRC)

www.niaid.nih.gov/about/organization/VRC

Emerging and Re-Emerging Infectious Diseases

More than 30 newly recognized infectious diseases and syndromes have emerged in the past two decades alone. By expanding studies in microbiology and infectious disease ecology, NIAID seeks to improve prediction and prevention.

RESEARCH GOALS

- Strengthen basic and applied research on the multiple human, pathogen, and environmental factors that influence disease emergence.
- Support the development of diagnostics, vaccines, and therapies needed to detect and control infectious diseases.
- Maintain the national and international scientific expertise required to respond to health threats.



Immunology and Immunologic Diseases

More than 50 million Americans suffer from allergies or asthma. Autoimmune diseases, including rheumatoid arthritis, systemic lupus erythematosus, and multiple sclerosis, afflict about 9 million people in the United States. NIAID has developed an immunologic diseases strategic plan that focuses on the following core research areas.

RESEARCH GOALS

- Develop new tolerogenic and immunomodulatory approaches to treat autoimmune diseases, asthma, allergic diseases, and graft rejection in solid organ, tissue, and cell transplantation.
- Develop effective vaccines to prevent and treat immunologic diseases.
- Apply emerging technologies to advance fundamental understanding of immunologic principles and to develop better diagnostic tools, improved patient monitoring techniques, surrogate markers of disease activity, and more effective therapies.

- Continue long-term support of fundamental discoveries of immune regulation that may ultimately be translated into practical applications for treating and preventing a broad range of diseases.



HIV/AIDS

HIV/AIDS is one of the greatest threats to global health. Research has led to a better understanding of the structure of HIV, how HIV causes disease, and the role of the immune system in controlling HIV infection. NIAID's global research agenda emphasizes development of integrated prevention and therapeutic strategies suited for both developed and developing nations.

RESEARCH GOALS

- Develop new therapeutic agents and approaches to expand the number and clinical benefit of currently approved therapies.
- Develop a preventive HIV vaccine that is simple to administer, inexpensive, and induces long-lasting immunity against most HIV subtypes.
- Address the consequences of prolonged use of various therapeutic regimens, including drug-resistance, metabolic abnormalities and toxicities, and noncompliance due to the complexity of these regimens.

- Enhance access to highly active antiretroviral therapy (HAART) and other future therapeutic regimens for developing countries.



Biodefense

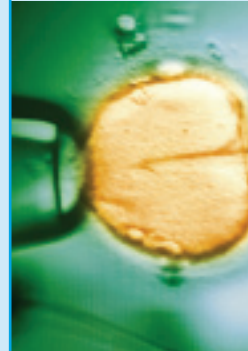
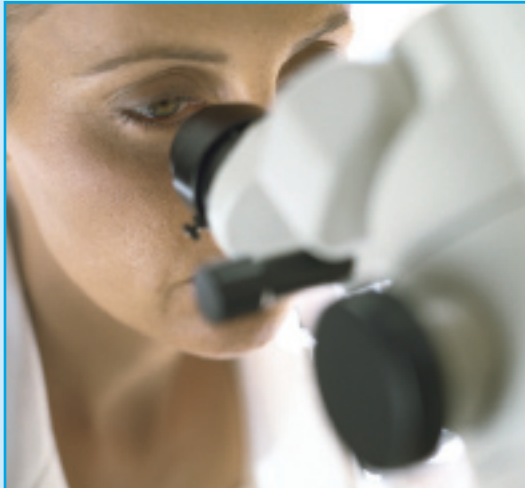
As the lead Institute for biodefense research at NIH, NIAID is pursuing development of new and improved products to prevent, diagnose, and treat diseases caused by potential bioterrorism agents.

NIAID is supporting construction of biosafety labs to help scientists conduct safe and effective research. It has a safer smallpox vaccine in clinical testing and new antiviral drugs in advanced product development. In addition, it is pursuing a new anthrax vaccine and new therapies against the anthrax toxin.

NIAID research on organisms with bioterror potential promises to also improve understanding of major diseases that afflict people around the world. In particular, the advancement of knowledge should have an enormous positive effect on the fight against malaria, tuberculosis, HIV/AIDS, and influenza.

RESEARCH GOALS

- Identify goals for the highest priority areas of immediate, intermediate, and long-term research related to biodefense.
- Conduct applied research for the development of new or improved diagnostics, vaccines, and therapeutics for CDC Category A, B, and C Agents.



NIAID Professions: A Range of Opportunities

Most positions require U.S. citizenship, although permanent residents or non-resident aliens with authorized employment visas may be considered at the M.D. or Ph.D. levels.



EXTRAMURAL

NIAID's extramural programs are centered in DMID, DAIDS, DAIT, and DEA. Extramural staff works with scientists from all over the world in academia, the pharmaceutical industry, other government agencies, and non-government organizations.

- Health Scientist Administrators
- Health Specialists
- Medical Officers
- Scientific Review Administrators
- Regulatory Affairs Specialists
- Program Officers
- Nurse Consultants

INTRAMURAL

Intramural research is carried out in the state-of-the-art laboratories of the Division of Intramural Research and the Dale and Betty Bumpers Vaccine Research Center on the NIH campus, as well as the Rocky Mountain Laboratories in Hamilton, Montana.

- Senior Investigators
- Investigators
- Staff Scientists
- Research Fellows
- Nurse Specialists
- Lab Technicians

MULTIDISCIPLINARY SUPPORT

NIAID could not carry out its mission without the many who support its research programs. Their work makes vital contributions to the improvement of human health across the globe.

- Finance Analysts and Strategic Planners
- Information Technologists
- Technology Transfer Specialists
- Policy Analysts
- Communications Specialists
- Administrative Officers
- Grants Management Specialists
- Contract Specialists
- Bioinformatics Specialists

World Class Environment

NIAID is the second largest of 27 Institutes and Centers of the world-renowned National Institutes of Health (NIH), the U.S. government's premier biomedical research institution. NIAID provides an unsurpassed setting for research and career development.

THESE ARE JUST A FEW OF THE AMENITIES NIAID SCIENTISTS ENJOY:

- Access to the combined resources of the NIH Library and the National Library of Medicine
- Daily lectures and forums by eminent resident and guest scientists
- Unparalleled career development and training programs
- State-of-the-art computer networking and teleconferencing facilities
- Outstanding laboratory facilities and equipment
- Extensive animal care facilities
- Core facilities for peptide synthesis, flow cytometry, confocal microscopy, and mass spectroscopy
- Inter-institute interest groups with senior scientists and fellows from different disciplines

EMPLOYEE BENEFITS:

As a federal employee at NIAID, you receive a comprehensive program of benefits intended to assure financial security and protection during your working career and into retirement. Learn more about the following benefits package at www.opm.gov/quickindex.asp.

- Competitive compensation
- Retirement plan
- Health benefits
- Holiday leave
- Annual leave
- Sick leave
- Family Medical Leave Act
- Long term care insurance
- Disability retirement
- Life insurance
- Numerous healthy work life benefits
 - fitness center, credit union, etc.
- Tuition reimbursement



Learn More: Online

Various NIAID/NIH Web addresses provide an abundance of reference material for prospective job candidates. Some of these include:

NIAID HOME PAGE

www.niaid.nih.gov

(For individual NIAID division home pages, please reference the inside pages.)

NIAID PROFILE / NIAID STRATEGIC PLAN / NIAID BIODEFENSE RESEARCH AGENDA

www.niaid.nih.gov/publications

50 YEAR ANNIVERSARY OF NIAID 1948-1998

www.niaid.nih.gov/final/index.htm

INSTITUTE FACTS

www.niaid.nih.gov/facts/facts.htm

NIH GRANTS

grants1.nih.gov/grants

DHHS and NIH are proud to be Equal Opportunity Employers.

How to apply


TO HAVE YOUR RESUME REVIEWED BY OUR TEAM OF PROFESSIONAL RECRUITERS, SUBMIT TO:

healthresearch.niaid.nih.gov/book, then click “Resume/CV Pool”

TO VIEW SPECIFIC FEDERAL JOB OPPORTUNITIES WITH NIAID PLEASE VISIT:

jobsearch.usajobs.opm.gov

OR MAIL RESUME TO:



NIH-NIAID-OWER
10401 Fernwood Road
Suite 2SE61
Bethesda, MD 20817

DO YOU HAVE QUESTIONS?

CONTACT US AT OUR TOLL-FREE NUMBER:

888-798-4991

TO SEE WHAT INFORMATION YOUR RESUME SHOULD INCLUDE, VISIT:

[www.niaid.nih.gov/ohrm/attacha.htm](http://www.niaid.nih.gov/ohrm/attach.htm)

National Institutes of Health
U.S. Department of Health and Human Services
NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES

