

## REQUEST FOR NOMINATIONS FOR MEMBERS OF NIH

### SCIENTIFIC REVIEW GROUPS

#### INTRODUCTION

The National Institutes of Health (NIH) invites nominations for membership on its scientific review groups which provide technical and scientific merit review of grant applications and contract proposals. Because of the magnitude, diversity, and complexity of its programs and the desire to obtain the best possible advice, the NIH draws for review assistance on the national pool of scientists actively engaged in research. These scientists assist the NIH in an advisory capacity in the selection of the most meritorious projects to implement biomedical research programs of the highest quality.

Information about the functions of each committee, the expertise required, and the number of anticipated vacancies for terms beginning July 1, 1980, will be found in the listing which follows. Nominations must be submitted by April 1, 1979, and will be solicited annually thereafter.

Any person may nominate one or more highly qualified candidates for consideration on one or more specific committees. Self nominations are accepted. The NIH has a special interest in assuring that women and ethnic minority scientists are adequately represented on advisory committees and therefore particularly encourages their nominations.

Although the NIH will carefully consider all nominations, it reserves the right to make final selections.

#### Description of the Peer Review System

The NIH peer review system is based upon two sequential levels of review, referred to as the "dual review system." Both levels have statutory bases. The first level of review is performed by scientific review groups which are established, in general, along lines of scientific disciplines and consist of experts in relevant research fields. The scientific review groups managed by the Division of Research Grants are referred to as Study Sections. The Study Sections consist of 12 to 20 members each and have as their primary function the review and evaluation for scientific merit of research grant applications. Other scientific review groups are managed by the Bureaus, Institutes, and Divisions (BIDs) and have diverse review responsibilities, such as multidisciplinary research requests and a variety of other specialized proposals, including research contract proposals.

The second level of review for research grant applications is performed by a national advisory council or board for each BID which supports extramural research. These groups are comprised of both scientists and non-scientists and have broader responsibilities. The mix of members brings to bear on the grant review and award process knowledge in each of the relevant programmatic areas, familiarity with NIH procedures as

well as awareness of the roles of the diverse institutions in biomedical research and of the health needs of the American people. The councils and boards also offer advice and make recommendations on policy and matters of significance to the mission and goals of the BIDs they serve. The second level of review for contract proposals is conducted by an executive staff committee of each of the BIDs.

#### Responsibilities of Scientific Review Groups and Their Members

Each scientific review group is composed primarily of non-Federal scientists selected by the NIH for their competence in the particular scientific areas for which that group has review responsibilities. Review groups usually meet three times yearly. Each meeting generally requires two or three days of intensive review of research proposals. Six to eight weeks before the meeting date, the Executive Secretary, who is an NIH health scientist administrator, assigns specific applications to each member who prepares written detailed critiques prior to the meeting and leads the discussion on these applications at the meeting. In addition, every member is expected to read and be prepared to contribute to the discussion of all other applications to be reviewed at the meeting. Members also participate in project site visits when these are deemed necessary for an adequate review of a specific application and to survey, as scientific leaders, the status of research in their field. Members generally serve terms not to exceed four years.

#### Criteria for Scientific Review Group Membership

The primary requirement for serving on a scientific review group is competence as an independent investigator in a basic scientific or clinical discipline or research specialty. Assessment of such competence is based on the quality of research accomplished, publications in refereed scientific journals, and other significant scientific activities, achievements, and honors. Usually a doctoral degree or its equivalent is required. Service also requires mature judgment, balanced perspective, objectivity, ability to work effectively in a group context, commitment to complete work assignments, and assurance that the confidentiality of applications will be protected.

#### Other Considerations for Membership

In addition to the individual characteristics outlined above, such factors as geographic distribution and adequate representation of younger, ethnic minority, and female scientists must be considered. Further, no two members from the same institution may be appointed to the same advisory group, an interval of one year must occur before reappointment to an NIH committee, and no member may be appointed to serve simultaneously on two chartered committees of the Department of Health, Education and Welfare. Exceptions to these restrictions are rare and must be approved by the Department Committee Management Officer.

Nomination Procedures

Recommendations for membership originate with NIH Executive Secretaries who draw on personal knowledge of the disciplines and of the scientists who are making significant research contributions, academic credentials of investigators, lists of female and ethnic minority scientists, scientific publications, and recommendations from NIH staff and current and former members. Responses to this announcement will constitute an important new source of potential members.

Approximately 25% of the positions become vacant each year. One candidate is nominated for each vacancy. Once that candidate has been identified, the steps in the nomination procedure are as follows: (1) recommendation by the Executive Secretary; (2) review and concurrence by the BID Director; (3) determination by central NIH staff that all administrative criteria are met; (4) issuance of a letter that advises the potential member of the conditional status of the appointment until completion of the Confidential Statement of Employment and Financial Interests; (5) receipt and review of that statement and other appointment documents; and (6) notification of appointment. Final appointment is made by the Director, NIH.

HOW TO RESPOND TO ANNOUNCEMENT

This announcement invites nominations for membership on NIH scientific review groups. The areas of review responsibilities listed below apply to the entire committee and are not limited to the current vacancies.

Nominations must be received by April 1, 1979. Please submit a mailing address with the name of each nominee so that the nominee may be contacted to provide more detailed information. Specify the committee(s) on which you feel the nominee is qualified to serve. An individual may be nominated for more than one committee. To be considered, nominations shall include a statement that the nominee is aware of the nomination and is willing to serve.

In addition to the committee(s) for which the nominee is proposed, he/she may be considered by the NIH for other peer review activities. Potential candidates will be asked by the NIH to provide detailed information concerning financial holdings and consultancies to identify any possible conflicts of interest.

Address nominations to: Ms. Joan Bailey  
Div. of Resources Analysis  
Office of the Director  
National Institutes of Health  
Room 1B58, Building 31  
Bethesda, Maryland 20014

PLEASE TYPE OR PRINT LEGIBLY

Name of Nominee \_\_\_\_\_

Mailing Address \_\_\_\_\_

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Committee(s) \_\_\_\_\_

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Name of Nominee \_\_\_\_\_

Mailing Address \_\_\_\_\_

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Committee(s) \_\_\_\_\_

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The above nominee(s) is aware of the nomination and is willing to serve.

\_\_\_\_\_  
Signature of Nominator

PLEASE USE ADDITIONAL SHEETS IF NECESSARY.

NIH INITIAL REVIEW GROUPS

Division of Research Grants

All Study Sections review applications/proposals for the following award instruments: Research Grants, Research Career Development Awards, Individual National Research Service Awards.

ALLERGY AND IMMUNOLOGY STUDY SECTION

Number of anticipated vacancies: 4

Areas of review responsibility: Chemical rather than biological methods to study diseases of immunologic origin and underlying molecular mechanisms; specifically, purification and characterization of antigens, antibodies, and complement; structure of immunoglobulins and cell receptor sites; biochemical aspects of immunogenetics and immune responsiveness.

APPLIED PHYSIOLOGY AND ORTHOPEDICS STUDY SECTION

Number of anticipated vacancies: 3

Areas of review responsibility: Application of physiological and bioengineering principles to the whole body and/or its systems in normal and disease states and to research in orthopedic surgery and chiropractic and osteopathic medicine, as these relate to biomechanics, biomaterials, gait, kinesiology, and transplantation.

BACTERIOLOGY AND MYCOLOGY STUDY SECTION

Number of anticipated vacancies: 3

Areas of review responsibility: Microbial diseases or infectious conditions, including etiology, pathogenesis, host-parasite relationships, epidemiology, ecology, antigen-antibody relations, host responses, general immune phenomena, infection-immune relationships, endotoxins, mycotoxins, virulence, diagnostic procedures, and antibiotics.

BIOANALYTICAL AND METALLOBIOCHEMISTRY STUDY SECTION

Number of anticipated vacancies: 4

Areas of review responsibility: Structure and function of metals in biology and bioanalytical and clinical chemistry.

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BIOCHEMISTRY STUDY SECTION

Number of anticipated vacancies: 2

Areas of review responsibility: Biochemistry with an orientation toward physical biochemistry and biological chemistry, including in vivo as well as in vitro aspects of enzymology, the biochemistry of nucleic acids and cyclic nucleotides, metabolic pathways and their regulation, and bioenergetics.

BIOPHYSICS AND BIOPHYSICAL CHEMISTRY A STUDY SECTION

Number of anticipated vacancies: 4

Areas of review responsibility: Physical chemistry of biological macromolecules, including their chemical, biological, and physical properties and the development of new biophysical instrumentation.

BIOPHYSICS AND BIOPHYSICAL CHEMISTRY B STUDY SECTION

Number of anticipated vacancies: 4

Areas of review responsibility: Physical chemistry of biological macromolecules, including their chemical, biological, and physical properties and the development of new biophysical instrumentation.

BIOPSYCHOLOGY STUDY SECTION

Number of anticipated vacancies: 2

Areas of review responsibility: Brain function, physiological psychology, and developmental neurobiology; investigations that undertake to relate anatomical neurophysiological and/or electrophysiological data to the behavior of organisms.

CARDIOVASCULAR AND PULMONARY STUDY SECTION

Number of anticipated vacancies: 3

Areas of review responsibility: Basic and clinical aspects of function in normal and disease states of the cardiovascular system and most aspects of the respiratory system.

CARDIOVASCULAR AND RENAL STUDY SECTION

Number of anticipated vacancies: 5

Areas of review responsibility: Basic and clinical aspects of function in normal and disease states of the cardiovascular system and most aspects of the renal system.

CELL BIOLOGY STUDY SECTION

Number of anticipated vacancies: 3

Areas of review responsibility: Cellular dynamics, including programmed and accidental change in cell structure and function as related to development, interactions among cells, information transfer among cells, and cellular ultrastructure as underlying tissue and organ function.

COMMUNICATIVE SCIENCES STUDY SECTION

Number of anticipated vacancies: 3

Areas of review responsibility: Hearing, speech, language development, linguistics, tactile perception, gustation, olfaction, vestibular functions, and all modes of sensory communication and perception, other than visual.

ENDOCRINOLOGY STUDY SECTION

Number of anticipated vacancies: 3

Areas of review responsibility: General physiology of the endocrine glands, endocrine abnormalities, hormone biochemistry, reproduction, and neuroendocrinology.

EPIDEMIOLOGY AND DISEASE CONTROL STUDY SECTION

Number of anticipated vacancies: 5

Areas of review responsibility: Interaction of man and his social, physical, and biological environment; description, detection, treatment, prevention, and control of chronic and communicable diseases in the population at risk.

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EXPERIMENTAL THERAPEUTICS STUDY SECTION

Number of anticipated vacancies: 5

Areas of review responsibility: Experimental therapy of neoplastic diseases and some associated disorders, biochemical mechanisms of action of chemotherapeutic agents at the preclinical level and in experimental therapy, biochemical pharmacology and assessment of efficacy at the clinical level, and immunotherapy at the clinical level.

EXPERIMENTAL VIROLOGY STUDY SECTION

Number of anticipated vacancies: 2

Areas of review responsibility: Virology, rickettsiology, and cell culture studies as related to pathogen-host cell interaction, genetics, morphology, diagnosis, therapeutic agents, immunology, mechanisms of replication, and pathogenesis.

GENERAL MEDICINE A STUDY SECTION

Number of anticipated vacancies: 5

Areas of review responsibility: Normal function and diseases of the gastroenteric tract and associated glandular structures, arthritis, autoimmune disorders, connective tissue disorders, metabolic diseases, and dermatology.

GENERAL MEDICINE B STUDY SECTION

Number of anticipated vacancies: 4

Areas of review responsibility: Water and electrolyte balance, mineral metabolism, kidney function, and pathology and physiology of bone.

GENETICS STUDY SECTION

Number of anticipated vacancies: 6

Areas of review responsibility: All aspects of heredity and variation involving man, higher and lower animals, and plants, including population genetics, somatic cell genetics, cytogenetics, immunogenetics, biochemical, developmental, and behavioral genetics, mutagenesis, recombinant DNA, and mathematical modeling.



HEMATOLOGY STUDY SECTION

Number of anticipated vacancies: 5

Areas of review responsibility: Blood in physiological or pathologic conditions; basic mechanisms of blood formation and destruction of the formed elements of the blood; blood coagulation and fibrinolysis; pathologic alterations observed in various hematologic disorders.

HUMAN DEVELOPMENT STUDY SECTION

Number of anticipated vacancies: 7

Areas of review responsibility: Child development, adolescence, maturity, aging, socialization and adjustment, education, social anthropology, moral development, psychophysiology, mental retardation, and human brain behavior.

HUMAN EMBRYOLOGY AND DEVELOPMENT STUDY SECTION

Number of anticipated vacancies: 3

Areas of review responsibility: Physiology of reproduction, the fetus and embryo, parturition, the neonatal period, teratology, and experimental embryology.

IMMUNOBIOLOGY STUDY SECTION

Number of anticipated vacancies: 5

Areas of review responsibility: Multidisciplinary problems of tissue and organ transplantation involving tissue-specific antagonisms, tolerance, and immunosuppression; tumor immunity; cell-mediated immunity; immunogenetics; lymphocyte differentiation.

IMMUNOLOGICAL SCIENCES STUDY SECTION

Number of anticipated vacancies: 2

Areas of review responsibility: Autoimmune disorders, immunodeficiency, immune complex diseases, allergy and delayed type hypersensitivity, immunotherapy, cell-mediated and humoral immunity, and developmental aspects of the immune response, including the effect of aging and the development of immunocompetent cells.

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#### MEDICINAL CHEMISTRY A STUDY SECTION

Number of anticipated vacancies: 6

Areas of review responsibility: Synthesis and biochemical, biological, pharmacological or chemotherapeutic activity of low molecular weight compounds of natural or synthetic origin, including drugs, hormones, vitamins, model enzymes, enzyme substrates and inhibitors, polypeptides, polynucleotides, carbohydrates, fats, steroids, alkaloids, antibiotics, terpenes, etc.; in vitro transformation studies; reaction mechanisms; kinetics and photochemistry of a nontheoretical and noninstrumental nature.

#### METABOLISM STUDY SECTION

Number of anticipated vacancies: 4

Areas of review responsibility: Chemical and transport processes by which chemical compounds are involved in the synthesis of protoplasm and other body constituents, in the conversion of body fuels to energy, in the catabolism of tissues, and in the formation of waste products.

#### MICROBIAL CHEMISTRY STUDY SECTION

Number of anticipated vacancies: 6

Areas of review responsibility: Microbial chemistry, metabolism, physiology, and biochemical genetics of microorganisms; molecular basis of microbial growth, functions, and development.

#### MOLECULAR BIOLOGY STUDY SECTION

Number of anticipated vacancies: 5

Areas of review responsibility: Molecular interactions and functions and corresponding cellular structural components; molecular basis of normal cells and cell processes; cell and cell-organelle associated abnormalities, disorders, malfunctions, deficiencies, and diseases.

#### MOLECULAR CYTOLOGY STUDY SECTION

Number of anticipated vacancies: 1

Areas of review responsibility: Molecular basis of disease; cell structure and function (nucleus, cytoplasm, membranes and organelles); molecular synthesis, transport, and degradation; differentiation, control, transcription, translation, transformation and cellular senescence.

NEUROLOGICAL SCIENCES STUDY SECTION

Number of anticipated vacancies: 4

Areas of review responsibility: Research on the nervous system and neurological diseases where the major emphasis is on the chemical aspects of neurological functions.

NEUROLOGY A STUDY SECTION

Number of anticipated vacancies: 4

Areas of review responsibility: Clinical neurology, neuroanatomy, neurochemistry, neuroendocrinology, neuropathology, neurophysiology, and neurosurgery.

NEUROLOGY B STUDY SECTION

Number of anticipated vacancies: 3

Areas of review responsibility: Neuroanatomy, neuropathology, neurophysiology, neurochemistry, neuropsychology, clinical neurology, neurosurgery, neurocommunication, neuropharmacology, biophysics in the nervous system, and epidemiology of nervous system diseases.

NUTRITION STUDY SECTION

Number of anticipated vacancies: 5

Areas of review responsibility: Applied and experimental nutrition of humans and animals; related problems involving microorganisms and plants.

ORAL BIOLOGY AND MEDICINE STUDY SECTION

Number of anticipated vacancies: 5

Areas of review responsibility: Any aspect of physical or biological science as related to the health or function of the orofacial area: anthropology, biochemistry, dental materials, epidemiology, microbiology.

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PATHOBIOLOGICAL CHEMISTRY STUDY SECTION

Number of anticipated vacancies: 3

Areas of review responsibility: Chemical structure of cells and tissues; chemical reactions which take place in biological systems and which deal with biochemical mechanisms of function, assimilation, transport, metabolism, and excretion of exogenous and endogenous substances in normal and disease states.

PATHOLOGY A STUDY SECTION

Number of anticipated vacancies: 5

Areas of review responsibility: Pathology, pathobiology, biochemistry of disease, and immunopathology, particularly where morphologic changes are correlated with biochemical or physiologic findings in idiopathic, experimental, metabolic, or cellular disease.

PATHOLOGY B STUDY SECTION

Number of anticipated vacancies: 3

Areas of review responsibility: Spontaneous and experimental lesions associated with metabolic and cellular disease; oncologic pathology including virology, pathobiology, biochemistry, and various aspects of immunopathology.

PHARMACOLOGY STUDY SECTION

Number of anticipated vacancies: 5

Areas of review responsibility: Drugs, their preparation, use, mode of action, metabolism, storage, and excretion.

PHYSIOLOGICAL CHEMISTRY STUDY SECTION

Number of anticipated vacancies: 5

Areas of review responsibility: Chemical reactions which take place in biological systems and deal with function, assimilation, transport, metabolism, and excretion.

PHYSIOLOGY STUDY SECTION

Number of anticipated vacancies: 4

Areas of review responsibility: Functioning of organs and organ systems, comparative physiology, and basic physiologic principles.

RADIATION STUDY SECTION

Number of anticipated vacancies: 3

Areas of review responsibility: Diagnostic and therapeutic aspects of ionizing radiation; nuclear medicine; ultrasound and microwaves as applied clinically or to basic research problems.

REPRODUCTIVE BIOLOGY STUDY SECTION

Number of anticipated vacancies: 4

Areas of review responsibility: Morphological, biochemical, endocrinological, and physiological aspects of reproduction up to and including implantation.

SOCIAL SCIENCES AND POPULATION STUDY SECTION

Number of anticipated vacancies: 4

Areas of review responsibility: Social science aspects of population, aging, and health problems; sociological, demographic, anthropological, economic, and other social science methodology; assessment of attitudes, values, beliefs, behaviors, and interventions.

SURGERY AND BIOENGINEERING STUDY SECTION

Number of anticipated vacancies: 5

Areas of review responsibility: Basic and clinical investigations of surgical problems of the cardiovascular system, the pulmonary system, and the gastrointestinal system, including the application of bioengineering principles in normal and disease states.

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SURGERY, ANESTHESIOLOGY, AND TRAUMA STUDY SECTION

Number of anticipated vacancies: 3

Areas of review responsibility: Physiological, biochemical, pathological, anatomical, immunological, bacteriological, pharmacological, and medical bases of problems in surgery, anesthesiology, and trauma.

TOXICOLOGY STUDY SECTION

Number of anticipated vacancies: 4

Areas of review responsibility: Toxicological effects and epidemiology of chemical substances alone or in food, water, or air; toxicological problems of a forensic nature.

TROPICAL MEDICINE AND PARASITOLOGY STUDY SECTION

Number of anticipated vacancies: 4

Areas of review responsibility: Knowledge and safe control of parasites, pests, vectors, and poisonous animals; diseases caused by them in man and animals; diagnosis and treatment of parasitic infection; biological agents effective for control of vectors and reservoirs of infection.

VIROLOGY STUDY SECTION

Number of anticipated vacancies: 5

Areas of review responsibility: Basic and applied virology, including viral diseases of man and lower animals, viral oncology, viral replication, biochemistry of viral infections, and biochemical/biophysical properties of viruses.

VISUAL SCIENCES A STUDY SECTION

Number of anticipated vacancies: 6

Areas of review responsibility: Clinical ophthalmology; fundamental research (e.g., biochemistry, pharmacology, embryology, development, vegetative physiology, and biomedical engineering) that provides the necessary baseline values for the investigation of ocular disorders.

VISUAL SCIENCES B STUDY SECTION

Number of anticipated vacancies: 4

Areas of review responsibility: Visual physiology, including psychophysics; retina, optic nerve, optic tract, and structures in the central nervous system that are involved in vision.

National Institute on Aging

AGING REVIEW COMMITTEE

Number of anticipated vacancies: 4

Reviews applications/proposals for: Program Projects, Institutional National Research Service Awards.

Areas of review responsibility: Biological, biomedical, behavioral, and social sciences as they relate to the understanding of the processes of aging or the problems of the elderly.

Areas of scientific expertise of members: Cellular, molecular, developmental and other basic biology, genetics, biochemistry, physiology, metabolism, laboratory animal science, nutrition, endocrinology, pharmacology, pathology, immunology, neurology, dermatology, toxicology, geriatric medicine, epidemiology, biostatistics, computer sciences, demography, sociology, anthropology, biopsychology, neurosciences, and psychology.

National Institute of Allergy and Infectious Diseases

ALLERGY AND CLINICAL IMMUNOLOGY RESEARCH COMMITTEE

Number of anticipated vacancies: 3

Reviews applications/proposals for: Program Projects, Centers, Institutional National Research Service Awards, Academic Career Awards, Research Contracts.

Areas of review responsibility: Allergy and clinical immunology; specifically, cellular immunology, immediate and delayed hypersensitivity, allergy, immune-mediated disorders, complement, autoantibodies, and immune mechanisms in infectious diseases.

Areas of scientific expertise of members: Basic and clinical immunology, immunopathology, immunochemistry, allergic diseases, pediatrics, and microbiology.

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MICROBIOLOGY AND INFECTIOUS DISEASES ADVISORY COMMITTEE

Number of anticipated vacancies: 3

Reviews applications/proposals for: Exploratory/Developmental Grants, Program Projects, Institutional National Research Service Awards, Special Developmental Award Programs, Research Contracts.

Areas of review responsibility: Microbiology and infectious diseases, including mycology, virology, rickettsiology, parasitology, microbial physiology, and genetics.

Areas of scientific expertise of members: Basic and clinical microbiology, virology, epidemiology, parasitology, mycology, immunology, and genetics.

TRANSPLANTATION BIOLOGY AND IMMUNOLOGY COMMITTEE

Number of anticipated vacancies: 3

Reviews applications/proposals for: Program Projects, Institutional National Research Service Awards, Research Contracts.

Areas of review responsibility: Transplantation biology and immunology: specifically, histocompatibility testing, immunosuppression, transplantation immunology, immunochemistry, immunogenetics, cellular immunology, tissue typing, and blood banking.

Areas of scientific expertise of members: Immunology, immunopathology, immunogenetics, immunochemistry, transplantation and tumor immunology, pediatric immunology, and immunology of infectious diseases.

National Institute of Arthritis, Metabolism, and Digestive Diseases

ARTIFICIAL KIDNEY-CHRONIC UREMIA ADVISORY COMMITTEE

Number of anticipated vacancies: 5

Reviews applications/proposals for: Research Contracts.

Areas of review responsibility: Development of improved kidney apparatus and methodology, fundamental and clinical research related to uremia, kidney failure, and long-term dialysis.

Areas of scientific expertise of members: Nephrology, dialysis, vascular surgery, medical instrumentation, biochemistry, plastic and polymer chemistry, and engineering.



National Cancer Institute

BIOMETRY AND EPIDEMIOLOGY CONTRACT REVIEW COMMITTEE

Number of anticipated vacancies: 4

Reviews applications/proposals for: Research Contracts.

Areas of review responsibility: Biometry and epidemiology of cancer.

Areas of scientific expertise of members: Biostatistics, epidemiology, surgery, immunology, clinical oncology, genetics, hematology, cellular biology, sociology, demography, pathology, community health, and computer science.

BLADDER AND PROSTATIC CANCER REVIEW COMMITTEE

Number of anticipated vacancies: 8

Reviews applications/proposals for: Research Grants.

Areas of review responsibility: Multidisciplinary research programs in bladder and prostatic cancer.

Areas of scientific expertise of members: Urology, surgery, oncology, pharmacology, pathology, diagnostic radiology, immunology, physiology, viral oncology, endocrinology, cell biology, biochemistry, environmental carcinogenesis, epidemiology, and biometry.

CANCER CLINICAL INVESTIGATION REVIEW COMMITTEE

Number of anticipated vacancies: 5

Reviews applications/proposals for: Cooperative Clinical Research Grants.

Areas of review responsibility: Clinical protocol studies of institutions and cooperative groups involved in cancer cooperative clinical trials.

Areas of scientific expertise of members: Medical oncology, surgery, chemotherapy, radiation therapy, pediatrics, and biostatistics.

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CANCER CONTROL GRANT REVIEW COMMITTEE

Number of anticipated vacancies: 4

Reviews applications/proposals for: Cancer Control Grants.

Areas of review responsibility: Application of cancer research findings to the prevention, detection, diagnosis, and treatment of cancer and the rehabilitation and continuing care of cancer patients.

Areas of scientific expertise of members: Public health and hospital administration; medical, surgical, radiation, gynecologic, pediatric, and oral oncology; preventive and community medicine; physical medicine/rehabilitation; health education; cancer patient-oriented psychiatry, psychology, and sociology; epidemiology and biostatistics.

CANCER CONTROL INTERVENTION PROGRAMS REVIEW COMMITTEE

Number of anticipated vacancies: 5

Reviews applications/proposals for: Research Contracts.

Areas of review responsibility: Application of cancer research findings to the prevention, detection, diagnosis, and treatment of cancer and the rehabilitation and continuing care of cancer patients.

Areas of scientific expertise of members: Public health and hospital administration; medical, surgical, radiation, gynecologic, pediatric, and oral oncology; preventive and community medicine; physical medicine/rehabilitation; health education; cancer patient-oriented psychiatry, psychology and sociology; epidemiology and biostatistics.

CANCER RESEARCH MANPOWER REVIEW COMMITTEE

Number of anticipated vacancies: 9

Reviews applications/proposals for: Institutional National Research Service Awards.

Areas of review responsibility: Cancer treatment and restorative care, detection, diagnosis, etiology, and prevention.

Areas of scientific expertise of members: Chemical and physical carcinogenesis, epidemiology, immunology, tumor biology, viral oncology, experimental pathology, biochemistry, clinical oncology, hematology, chemotherapy, pharmacology, radiation biology, and health physics.

CANCER SPECIAL PROGRAM ADVISORY COMMITTEE

Number of anticipated vacancies: 3

Reviews applications/proposals for: Program Projects, Cancer Research Facilities.

Areas of review responsibility: Basic sciences as they relate to cancer and construction of facilities in which to conduct cancer research.

Areas of scientific expertise of members: Carcinogenesis, pharmacology, immunology, radiobiology, tumor biology, and viral oncology.

CAUSE AND PREVENTION SCIENTIFIC REVIEW COMMITTEE

Number of anticipated vacancies: 13

Reviews applications/proposals for: Research Contracts.

Areas of review responsibility: Biological, chemical, and physical carcinogenesis.

Areas of scientific expertise of members: Cell biology, endocrinology, pathology, biochemistry, microbiology, immunology, physiology, gastroenterology, toxicology, chemical carcinogenesis, enzymology, virology, and analytic, organic, and physical chemistry.

CLINICAL CANCER EDUCATION COMMITTEE

Number of anticipated vacancies: 3

Reviews applications/proposals for: Education Projects.

Areas of review responsibility: Undergraduate, graduate and continuing education of physicians and dentists regarding cancer, including instruction in the basic and clinical sciences, development and use of educational materials and methodology, planning, administration, and evaluation of cancer education programs, and maintenance of clinical competence in dealing with cancer patients.

Areas of scientific expertise of members: Basic and clinical sciences as they relate to medicine and dentistry, including microbiology, biochemistry, pharmacology, epidemiology, pathology, hematology, medical oncology, radiation therapy, surgery, gastroenterology, oral diagnosis/oral medicine, maxillofacial prosthodontics, medical education, nursing education, and administration of education programs.

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CLINICAL CANCER PROGRAM PROJECT AND CANCER CENTER SUPPORT REVIEW  
COMMITTEE

Number of anticipated vacancies: 6

Reviews applications/proposals for: Cancer Centers.

Areas of review responsibility: Core activities in cancer centers, including support for professional staff, shared resources and facilities, alterations and renovations, and funds for developing pilot studies.

Areas of scientific expertise of members: Medical, surgical, and pediatric oncology, radiotherapy, epidemiology, biostatistics, chemotherapeutic agents, cell regulation and metabolism, laboratory animal medicine, immunology, virology, biochemistry, and research administration.

CLINICAL TRIALS COMMITTEE

Number of anticipated vacancies: 20

Reviews applications/proposals for: Research Contracts.

Areas of review responsibility: Clinical trials of experimental cancer treatment including those using combined modalities.

Areas of scientific expertise of members: Clinical oncology, clinical pharmacology, clinical radiotherapy, immunology, and surgery.

LARGE BOWEL AND PANCREATIC CANCER REVIEW COMMITTEE

Number of anticipated vacancies: 8

Reviews applications/proposals for: Research Grants.

Areas of review responsibility: Multidisciplinary programs in large bowel cancer and pancreatic cancer.

Areas of scientific expertise of members: Gastroenterology, medical and surgical oncology, pharmacology, toxicology, radiology, pathology, cell biology, genetics, carcinogenesis, microbiology, immunology, and epidemiology.

TUMOR IMMUNOLOGY COMMITTEE

Number of anticipated vacancies: 7

Reviews applications/proposals for: Research Contracts.

Areas of review responsibility: Cancer immunobiology, immunodiagnosis, immunotherapy, cause and prevention, immunogenetics, and immunoprophylaxis.

Areas of scientific expertise of members: Immunology, oncology, microbiology, medicine, pathology, biology, cancer surgery, chemistry, and virology.

National Institute of Child Health and Human Development

MATERNAL AND CHILD HEALTH RESEARCH COMMITTEE

Number of anticipated vacancies: 5

Reviews applications/proposals for: Program Projects, Major Research Programs, Exploratory Grants, Institutional National Research Service Awards.

Areas of review responsibility: Behavioral and biomedical problems affecting pregnant women, fetuses, infants, and children through adolescence.

Areas of scientific expertise of members: Pediatrics, obstetrics, developmental biology, psychology, nutrition, pathology, endocrinology, biostatistics, epidemiology, immunology, biochemistry, metabolism, speech perception, cognitive development, physiology, and genetics.

MENTAL RETARDATION RESEARCH COMMITTEE

Number of anticipated vacancies: 4

Reviews applications/proposals for: Program Projects, Center Grants, Institutional National Research Service Awards.

Areas of review responsibility: Mental retardation.

Areas of scientific expertise of members: Biochemistry, genetics, neurology, pediatrics, psychology, sociology, speech pathology, audiology, obstetrics, and gynecology as they apply to mental retardation.

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POPULATION RESEARCH COMMITTEE

Number of anticipated vacancies: 3

Reviews applications/proposals for: Program Projects, Center Grants, Institutional National Research Service Awards.

Areas of review responsibility: Reproductive and behavioral multi-disciplinary research in the population sciences.

Areas of scientific expertise of members: Obstetrics, gynecology, neuroendocrinology, reproductive biology, reproductive endocrinology, reproductive biochemistry, anatomy, human genetics, psychology, sociology, demography, and economics.

National Institute of Dental Research

NIDR SPECIAL GRANTS REVIEW COMMITTEE

Number of anticipated vacancies: 3

Reviews applications/proposals for: Centers, Institutional National Research Service Awards.

Areas of review responsibility: Support of dental research institutes, periodontal disease research centers, and training of investigators in areas of oral health research.

Areas of scientific expertise of members: Dental, medical, and basic sciences; academic and public administration.

National Eye Institute

VISION RESEARCH PROGRAM COMMITTEE

Number of anticipated vacancies: 2

Reviews applications/proposals for: Cooperative Clinical Research, Centers, Academic Investigator Awards, Institutional National Research Service Awards.

Areas of review responsibility: Causes, natural history, prevention, diagnosis, and treatment of blinding eye diseases and visual disorders.

Areas of scientific expertise of members: Neuroanatomy, anatomy, electron microscopy, biochemistry, axonal transport, retinal diseases, retinal electrophysiology, psychophysics, and visual physiology.

National Institute of General Medical Sciences

CELLULAR AND MOLECULAR BASIS OF DISEASE REVIEW COMMITTEE

Number of anticipated vacancies: 4

Reviews applications/proposals for: Program Projects, Centers,  
Institutional National Research Service Awards.

Areas of review responsibility: Cellular and molecular basis of  
disease, molecular pathology.

Areas of scientific expertise of members: Cellular, molecular, and  
developmental biology, biochemistry, biophysics, microbiology,  
pathology, physiology, genetics, and relevant clinical and physical  
sciences.

GENETIC BASIS OF DISEASE REVIEW COMMITTEE

Number of anticipated vacancies: 3

Reviews applications/proposals for: Centers, Institutional National  
Research Service Awards.

Areas of review responsibility: Interdisciplinary programs in genetics.

Areas of scientific expertise of members: Genetics, molecular biology,  
cellular biology, population biology, virology, immunology, and  
developmental biology.

MINORITY ACCESS TO RESEARCH CAREERS (MARC) REVIEW COMMITTEE

Number of anticipated vacancies: 3

Reviews applications/proposals for: MARC Visiting Scientist and Faculty  
Fellowships, Institutional National Research Service Awards  
(Undergraduate).

Areas of review responsibility: Programs for biomedical science edu-  
cation for minority group students and development of minority  
institutions.

Areas of scientific expertise of members: Any of the biological,  
chemical, physical or behavioral sciences, and an active interest in  
and knowledge of minority institutions.

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PHARMACOLOGY-TOXICOLOGY REVIEW COMMITTEE

Number of anticipated vacancies: 4

Reviews applications/proposals for: Centers, Program Projects,  
Institutional National Research Service Awards.

Areas of review responsibility: Multidisciplinary research pertinent  
to pharmacology and anesthesiology.

Areas of scientific expertise of members: Molecular and genetic pharma-  
cology; medical, synthetic and analytical chemistry; pharmacodynamics,  
toxicology, clinical pharmacology, and anesthesiology.

National Heart, Lung, and Blood Institute

CLINICAL TRIALS REVIEW COMMITTEE

Number of anticipated vacancies: 1

Reviews applications/proposals for: Research Contracts, Cooperative  
Clinical Research Grants.

Areas of review responsibility: Cooperative efforts and controlled  
clinical trials related to cardiovascular, lung, and blood diseases.

Areas of scientific expertise of members: Heart, blood, and lung  
diseases, blood resources, epidemiology, biostatistics, preventive  
medicine, and cardiology.

HEART, LUNG, AND BLOOD RESEARCH REVIEW COMMITTEE A

Number of anticipated vacancies: 5

Reviews applications/proposals for: Program Projects, Center Supplements.

Areas of review responsibility: Basic and clinical research in the  
fundamental processes and diseases of the cardiovascular system and  
lungs.

Areas of scientific expertise of members: Cardiovascular and pulmonary  
physiology and pathology, cardiology, nuclear medicine, bioengineering,  
thoracic and vascular surgery, biostatistics, pharmacology, and  
molecular and cellular biology.



HEART, LUNG, AND BLOOD RESEARCH REVIEW COMMITTEE B

Number of anticipated vacancies: 4

Reviews applications/proposals for: Program Projects, Center Supplements.

Areas of review responsibility: Fundamental processes and diseases of blood vessels and blood, blood banking, blood resources, hypertension, and arteriosclerosis.

Areas of scientific expertise of members: Lipid metabolism, hematology, blood banking and resources, cardiovascular epidemiology, experimental and clinical hypertension, renal physiology, cardiovascular physiology, and pathology.

RESEARCH MANPOWER REVIEW COMMITTEE

Number of anticipated vacancies: 2

Reviews applications/proposals for: Pulmonary Academic Awards, National Pulmonary Faculty Training Awards, Special Emphasis Research Career Awards, Preventive Cardiology Academic Awards, Minority Hypertension Research Development Summer Awards, Institutional National Research Service Awards.

Areas of review responsibility: Clinical and basic biomedical and behavioral sciences related to blood, heart, and lung diseases.

Areas of scientific expertise of members: Behavioral sciences, biochemistry, blood banking, cardiology, epidemiology, hematology, nuclear medicine, pathology, physiology, pulmonary medicine, and radiology.

National Institute of Neurological and Communicative  
Disorders and Stroke

COMMUNICATIVE DISORDERS REVIEW COMMITTEE

Number of anticipated vacancies: 4

Reviews applications/proposals for: Program Projects, Centers, Institutional National Research Service Awards, Teacher-Investigator Awards.

Areas of review responsibility: Etiology and treatment of communicative disorders, including disorders of hearing and equilibrium, disorders of the special senses of taste, smell, touch, and pain, and disorders of speech, language, and communication.

Areas of scientific expertise of members: Anatomical, physiological, behavioral, pathological, neurophysiological, biochemical, embryological, diagnostic, and intervention aspects of the speech, language, and hearing mechanisms.

NEUROLOGICAL DISORDERS PROGRAM PROJECT REVIEW A COMMITTEE

Number of vacancies anticipated: 4

Reviews applications/proposals for: Program Projects, Centers, Institutional National Research Service Awards, Teacher-Investigator Awards.

Areas of review responsibility: Etiology and treatment of neurological disorders and diseases, including CNS trauma, cerebrovascular disease, and demyelinating, neuromuscular, and infectious disorders.

Areas of scientific expertise of members: Neurology, neuroanatomy, physiology, pathology, pharmacology, biology, chemistry, surgery, radiology, virology, epidemiology, immunology, endocrinology, and morphology.

NEUROLOGICAL DISORDERS PROGRAM PROJECT REVIEW B COMMITTEE

Number of anticipated vacancies: 4

Reviews applications/proposals for: Program Projects, Centers, Institutional National Research Service Awards, Teacher-Investigator Awards.

Areas of review responsibility: Pathogenesis, diagnosis, epidemiology, prevention, and rehabilitation of neurological diseases and disorders, including genetic and developmental abnormalities, cerebral palsy, epilepsy, demyelination, muscular and neuromuscular dysfunctions, Parkinsonism and other involuntary movement disorders, metabolic and deficiency disorders, degenerative disorders, neural control of metabolic functions, aging, behavioral disorders, infectious and allergic diseases, and neoplasias.

Areas of scientific expertise of members: Neurology, neuroanatomy, neurosurgery, chemistry, physiology, pharmacology, biology, pathology, cellular metabolism, microbiology, immunology, endocrinology, genetics, embryology, epidemiology, biostatistics, bioengineering, instrumentation, and computer technology.

Division of Research Resources

ANIMAL RESOURCES REVIEW COMMITTEE

There are two subcommittees: a) Subcommittee on Animal Resources and  
b) Subcommittee on Primate Research Centers

Number of anticipated vacancies: 6

Reviews applications/proposals for: Research Grants, Centers, Animal Resources, Research Career Development Awards, Institutional National Research Service Awards, Individual National Research Service Awards, Research Contracts.

Areas of review responsibility: Breeding, care, and maintenance of colonies of special research animals, development and definition of animal models, development and improvement of animal resources, animal resource diagnostic laboratories, and regional primate research centers.

Areas of scientific expertise of members: Laboratory animal medicine, comparative medicine, pathology, microbiology, genetics, nutrition, zoology, neurosciences, reproductive physiology, animal behavior, biostatistics, and research administration.

BIOTECHNOLOGY RESOURCES REVIEW COMMITTEE

Number of anticipated vacancies: 4

Reviews applications/proposals for: Research Contracts.

Areas of review responsibility: Access and use of the PROPHET System, a national computer network system for research in chemical and biological information handling.

Areas of scientific expertise of members: Computers, information science, biochemistry, pharmacology, cell biology, instrumentation related to biomedical research needs, and biomedical engineering.

GENERAL CLINICAL RESEARCH CENTERS COMMITTEE

Number of anticipated vacancies: 5

Reviews applications/proposals for: General Clinical Research Centers.

Areas of scientific expertise of members: Pharmacology, internal medicine, endocrinology, metabolism, nutrition, pediatrics, immunology, biochemistry, microbiology, hematology, diabetes, hospital administration, and other medical sciences.

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GENERAL RESEARCH SUPPORT REVIEW COMMITTEE

There are 2 subcommittees: a) Biomedical Research (BRS) Subcommittee and b) Minority Biomedical Support (MBS) Subcommittee

Number of anticipated vacancies: 6

Reviews applications/proposals for: General Research Support, Health Sciences Advancement Awards, Biomedical Sciences Support Grants, Minority Biomedical Support, Biomedical Research Support Grants, and Biomedical Research Development Grants.

Areas of review responsibility: BRS Subcommittee: development of manpower programs in biomedical, behavioral or clinical research, and in the health professions. MBS Subcommittee: programs to increase opportunities for minorities to engage in biomedical research.

Areas of scientific expertise of members: BRS Subcommittee: research and administrative experience in medicine, dentistry, nursing, pharmacy, veterinary medicine, psychology, public health, osteopathy, and allied health sciences. MBS Subcommittee: administrative and/or research experience in the biological, physical, and behavioral sciences, such as microbiology, physiology, neurophysiology, anatomy, biochemistry, psychology, physical, and organic and bioinorganic chemistry.

National Library of Medicine

BIOMEDICAL LIBRARY REVIEW COMMITTEE

Number of anticipated vacancies: 4

Reviews applications/proposals for: Research Grants, Resource Grants, Biomedical Scientific Publication Grants, Special Scientific Projects, Medical Library Resource Improvement Grants, Training Grants, Research Career Development Awards.

Areas of review responsibility: Development of better information services, particularly those that relate to the development of a biomedical information network.

Areas of scientific expertise of members: Health sciences, librarianship, education, information and computer technology, and learning resources.