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Priced under $6,000, the ADP-30DTT offers a major opportunity to automate laboratory or production operations at low cost. For full information, please contact Marty Wolfson, Grumman Data Systems Corporation, 45 Crossways Park No., Woodbury, NY 11797. (516) 575-3888.

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POSITIONS OPEN

ASSISTANT PROFESSORS

Applications are invited for two positions at the level of assistant professor in the Section of Developmental Biology of the Yale Comprehensive Cancer Center: academic appointments and teaching will be in the Department of Pharmacology. Applicants must have a postdoctoral research experience, and a strong commitment to the collaborative nature of cancer research programs and the development of antineoplastic agents. One position is for a medicinal chemist with interest and experience in synthetic chemistry, drug design, and drug delivery, the other for an individual trained in molecular biology and experience in identifying and understanding molecular mechanisms of action of cytotoxic agents. Interested candidates should send curriculum vitae, transcripts, description of research interests, and the names of three possible references by June 1, 1976, to the Department of Pharmacology, Yale University School of Medicine, New Haven, Connecticut 06510. Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR OF BIOCHEMISTRY

Academic career opportunity for Ph.D. in biochemistry with postdoctoral experience in molecular genetics or physical biochemistry. Expected to develop strong research program, in an area such as protein fixation and synthesis, macromolecular interactions, or membrane biochemistry. Teaching assignments may include undergraduate and graduate biochemistry. Send immediate a letter of application with curriculum vitae, a summary of research interests, and three letters of reference to: Dr. David Strumey, Chairman of the Search Committee, Department of Biochemistry and Molecular Biology, Rutgers University, Piscataway, New Jersey 08859. An Equal Opportunity/Affirmative Action Employer.


ASSISTANT PROFESSOR OF BIOPHYSICS

The Department of Biophysics and Theoretical Biology has a faculty opening in the area of structural studies. We are interested in persons whose research will be directed toward understanding the function of molecules and macromolecules. Experience in electron microscope image analysis, or related fields, is desirable. Interested persons interested in developing methods for the analysis of image data, and in applying computer techniques to image analysis are welcome. Send curriculum vitae, 3 letters of reference, to: Dr. Robert Hasekorn, Department of Biophysics and Theoretical Biology, The University of Chicago, 929 East 58 Street, Chicago, Illinois 60637. From the time of its original charter, the University of Chicago has been to appoint scholars without regard to race, color, religion, sex, or national origin.

ASSISTANT PROFESSOR ORGANIC MEDICAL CHEMISTRY

POSITION OPEN SEPTEMBER 1976

Applications are invited from persons possessing a Ph.D. degree, with teaching and research experience. A degree in pharmacy is desirable. The responsibilities of this individual include undergraduate and graduate teaching in the area of organic medicinal chemistry. Candidates must have the ability to relate medicinal chemistry to the practice of pharmacy. The successful candidate must have, or be in the process of developing, a vigorous research program in organic medicinal chemistry. The appointment is on a 9-month (academic year) basis with salary commensurate with experience and training. Please send a curriculum vitae, along with names of three references and a summary of research plans, to: Dr. Glenn E. Whitman, Search Committee, School of Pharmacy, University of Colorado, Boulder, Colorado 80309. The University of Colorado is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR, SCHOOL OF HEALTH SCIENCES

QUALIFICATIONS: Ph.D. in anatomy with some expertise in a different area (hematology, human genetics, and so forth). Minimum of 2 years of teaching experience. Some medical school background. Ability to learn new technology suitable to the health sciences. Duties: teaching beginning and advanced human anatomy courses with cadaver dissection. Participation in curriculum development and student administration. Student advising in medical technology and pre-professional programs. Send application to: Dr. Robert E. Hart, Chairman, Anatomical Search Committee, School of Health Sciences, Saginaw Valley State Colleges, Adrian, Michigan 49201. Grand Valley State College is an Equal Opportunity Employer.

BIOCHEMISTRY

A postdoctoral position is available immediately for a biochemist to work on electrophoretic and isoelectric focusing analysis of irradiated muscle proteins. Experience with both methods and techniques is highly desirable. Applicants with training in other aspects of biochemistry will also be considered. Salary is competitive. Send curriculum vitae, references, and reprints to: Professor Nicholas Catan- nos, Biophysics, National Institute of Nutrition and Food Science, Massachusetts Institute of Technology, Cambridge, Mass 02139. An Equal Opportunity/Affirmative Action Employer.

BIOLOGY

Wilson College has an opening at the rank of assistant professor in Botany and Plant Biology. Mathematics beginning September 1976 for a Ph.D. biologist. Primary teaching responsibilities in physiology and histology of plant and animal systems; additional responsibilities may be in developmental, cell, or general biology. The individual should be prepared to direct independent research. Submissions are due by letters of reference before 30 June to Dr. Louise M. Robinson, Wilson College, Chambersburg, Pa. 17201. An Equal Opportunity Employer.

The School of BIOLOGICAL SCIENCES seeks individuals with research interest and experience at the molecular or cellular level of developmental biology. Instructional duties will include upper-division courses in cell and molecular biology and embryology and the individual will be expected to develop a productive research program. This position will begin 1 September 1976 at the assistant professor level unless a person has considerable experience beyond the Ph.D. degree. Those interested in being considered should send a curriculum vitae to: Dr. Glenn W. Todd, Director, School of Biological Sciences, State University, Stillwater, Oklahoma 74074. The University is an Equal Opportunity/Affirmative Action Employer.

BOTANIST—INSTRUCTOR, M.S.; OR ASSISTANT PROFESSOR, Ph.D.

Duties include lecture and lab sections in undergraduate nonmajors and majors botany courses and cover lecture and lab sections in zoology. Opportunity exists to teach cell biology and advanced botany courses. Teaching experience required in above sub- jects. Salary $10,500 to $13,500 for 10 months. Send resume, transcripts of all college and university work, and three letters of recommendation by 30 June 1976 to: Miss Beth Palfrey, Employment Office, FAIRLEIGH DICKINSON UNIVERSITY, 285 Madison Avenue, Teaneck, N.J. 07666. An Equal Opportunity/Affirmative Action Employer, M/F.

CELL BIOLOGIST POSTDOCTORAL POSITION

Available 1 July 1976. Prefer candidate with background in cell behavior and cell biology. Research interests include: 1) cell growth and differentiation, cell variants, and karyotyping, and cell hybridization. Send curriculum vitae and names of two persons familiar with candidate's research potential to: Gretchen Darlington, Ph.D., J. L. Cross, Department of Biology, Cornell University Medical College, 1300 York Avenue, Room F-209 New York, N.Y. 10021. An Equal Opportunity Employer.

CARDIOVASCULAR PHYSIOLOGIST

Assistant professor (Ph.D. and/or M.D.) with interests in cardiovascular research in conscious and unconscious animals, to work with a fully equipped laboratory studying myocardial ischemia in basic science department in a large medical center. Rank and specialty to be determined. Send two letters of reference to: Box 288, SCIENCE.

CARDIOVASCULAR PHYSIOLOGIST—Faculty opening for individual with an M.D./Ph.D. degree. Two years of postdoctoral experience desirable. Excellent teaching and research opportunity. Salary and professional rank are open. Address inquiries to: Mr. Donald R. Lee, Chairman, Search Committee, The University of Arkansas for Medical Sciences, Little Rock, Arkansas 72201. The University is an Equal Opportunity/Affirmative Action Employer.

Saginaw Valley State College is seeking candidates for the positions of:

CELL BIOLOGIST, associate or full professor—Ph.D. with major in structure and function of eukaryotic organisms.

MICROBIOLOGIST, assistant/associate professor—Ph.D. or near Ph.D. in microbiology with background in human nutrition and/or strong physiology background.

Teaching experience required and salary negotiable. Please apply by 14 June 1976.

Send letter of application and résumé to: Personnel Director, Saginaw Valley State College, 2256 Pierce Road, University Center, Michigan 48710. Saginaw Valley State College is an Equal Opportunity Employer.

DEPARTMENT CHAIR AND FACULTY POSITIONS—BIOLOGY. At least one and possibly two positions open. Ph.D. plant physiologist and Ph.D. geneticist sought, one of which must have at least 3 years of full-time teaching experience and be interested in directing the Department of Life and Earth Sciences in health-related and environmental programs. Possibility of additional administrative responsibilities exist. Send curriculum vitae with three references to: Marvin E. Camburn, Division of Natural Science and Mathematics, Mercyhurst College, Erie, Pa. 16501.

UNIVERSITY OF CALIFORNIA, IRVINE SCHOOL OF BIOLOGICAL SCIENCES CHAIR, ECOLOGY AND EVOLUTIONARY BIOLOGY

A position is now available for an appointment at the full professor level as chair in the Department of Ecology and Evolutionary Biology in the School of Biological Sciences at the University of California, Irvine. Candidates must have an active research program in areas of ecology or evolutionary biology, and evidence of effective leadership and administrative capabilities are preferred, although individuals in other areas of ecology and evolutionary biology will be considered. Candidates should submit a letter of application, a vita, and a list of three qualified candidates to: Dean Howard A. Schneiderman, School of Biological Sciences, University of California, Irvine, Irvine 92717. Applications from all qualified candidates are welcome; minorities and women are encouraged to apply.

CURRICULUM DEVELOPMENT TECHNICAL EDUCATION

The Massachusetts Institute of Technology is seeking a person with related experience to assist in all phases (design, evaluation, materials development, teaching) of projects involving development of post-high school programs in electronics and other technologies for an Iranian sponsoring agency. Please submit résumé to Personnel Office, Massachusetts Institute of Technology, 40 Main Street, Cambridge, Mass. 02139. Attention: Job No. 076-53. An Equal Opportunity/Affirmative Action Employer.

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Scripps Institution of Oceanography, University of California, San Diego, La Jolla, Calif. 92039. University of California, San Diego, is an Equal Opportunity/Affirmative Action Employer.
CSIRO
DIVISION OF FISHERIES AND OCEANOGRAPHY
CROUNILLA, N.S.W.
DIVISION OF TROPICAL CROPS AND PASTURES
BRISBANE, QLD.

CHIEF OF DIVISION (2 POSITIONS)

GENETICS RESEARCH LABORATORIES
MOLECULAR AND CELLULAR BIOLOGY UNIT
NORTH RYDE, N.S.W.

OFFICER-IN-CHARGE

CSIRO has a broad charter for research into primary and secondary industry areas. The Organization has approximately 7000 employees—2200 of whom are research and professional scientists—located in Divisions and Sections throughout Australia.

(1.) REF: PG320/552 - DIVISION OF FISHERIES AND OCEANOGRAPHY

GENERAL: The position of Chief of the CSIRO Division of Fishes and Oceanoaraphy, will become vacant in February 1977 upon the retirement of Dr. E. M. Hutton, Chief of the Division, previously known as the Division of Tropical Agronomy, retired early in 1977.

The Division is the main research group in CSIRO responsible for studies on tropical and sub-tropical crops and pastures. The Division has its headquarters at the Cunningham Laboratory in Brisbane and a second major laboratory at Townsville. In addition, field laboratories and experimental areas are maintained elsewhere in Queensland at Lawes, Samford, Mundubbera, Beerwah and Woodstock, in Western Australia at Kununurra and in the Northern Territory at Katherine.

The Division has some 80 scientific staff and a total staff of approximately 280.

The objective of the Division is to develop an understanding of constraints to crop and pasture growth in tropical and sub-tropical Australia and to identify the means by which they may be overcome. It is intended that, under the control of the Chief, centres of scientific emphasis with leadership of high scientific calibre will be further developed within the Division on the subjects of nitrogen flows and pathways in ecosystems, the genetics of plant adaptation and stress physiology in plants. Agronomic studies will be aimed at developing new species for improved growth and pasture performance under the widely varying conditions in northern Australia. These areas of research are related to the present work on plant introduction and breeding, plant physiology, plant nutrition, plant pathology, plant chemistry, and nutritive value of plants for livestock.

Collaborative research is carried out with scientists in a number of CSIRO Divisions, universities, State departments of agriculture and other bodies, and the Division has active contacts with tropical agricultural research bodies overseas.

The Chief will be responsible to the Executive for the development, scientific direction and integration of the research programs of the Division and for collaboration with other research bodies.

(2.) REF: PG380/485 - DIVISION OF TROPICAL CROPS AND PASTURES

GENERAL: The position of Chief of the CSIRO Division of Tropical Crops and Pastures will become vacant when Dr. E. M. Hutton, Chief of the Division, previously known as the Division of Tropical Agronomy, retires early in 1977.

The Division is the main research group in CSIRO responsible for studies on tropical and sub-tropical crops and pastures. The Division has its headquarters at the Cunningham Laboratory in Brisbane and a second major laboratory at Townsville. In addition, field laboratories and experimental areas are maintained elsewhere in Queensland at Lawes, Samford, Mundubbera, Beerwah and Woodstock, in Western Australia at Kununurra and in the Northern Territory at Katherine.

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(3.) REF: PG400/1 - MOLECULAR AND CELLULAR BIOLOGY UNIT

GENERAL: The newly established Unit situated at North Ryde forms, with part of the Division of Animal Production, the CSIRO Genetics Research Laboratories. Its objective is the application of Molecular Genetics and Cellular Biology to problems of industry, human welfare and animal production.

The Unit has ten research scientists with some 20 support staff and 15 site services staff organized into three main research groups whose present research interests include—

- The molecular evolution of influenza virus.
- Metal breakage and repair and its application to the development of new antibiotic systems.
- Mechanisms of differentiation, in particular the properties of cell recognition and differentiation factors.

The Unit is well set up for its present activities including node access to the CSIRO Cyber 76 computer. It has close working relations with other Divisions of CSIRO including the Divisions of Applied Organic Chemistry, Food Research, Protein Chemistry, and the Division of Marine Biology.

Applicants for the position of Officer-in-Charge should have research achievements in one of the areas of research existing in the Unit, or in nucleic acid research, microbial genetics, or some other aspect of cell biology.

SALARY: Salary for the appointments will be the subject of negotiation but will be not less than $25,582 per year for the Chiefs and not less than $23,000 per year for the Officer-in-Charge.

TENURE: The appointments carry Commonwealth Superannuation privileges subject to normal conditions. It is normal practice to make term appointments to such positions with subsequent options for a further term, if mutually desired, or for a senior research position in the Organization.

FURTHER INFORMATION: Dr. A. E. Pierce, a member of the CSIRO Executive and Chairman of the Appointment Committees for these positions will be visiting Britain and the U.S.A. during the periods 12 to 23 July and 27 July to 6 August 1976 respectively, and will be available for discussions concerning the appointments with applicants and other interested parties including those who may be able to advise on how the positions might be filled. Those wishing to discuss the appointments should contact the Minister (Scientific), Australian Scientific Liaison Office, 64 Kingsey, London WC2B 6RD, England or the Consulor (Scientific), Embassy of Aus- tralia, 1601 Massachusetts Avenue, N.W. Washington, D.C. 20035. It may be possible to arrange such discussions at a number of points in Great Britain and the United States. Scientists interested in discussing the appointments should ensure that the appropriate overseas office is contacted in ample time to enable suitable arrangements to be made.

Further information on the Divisions and Unit is available on request from the Acting Secretary (Administration), CSIRO, P.O. Box 225, Dickson, A.C.T., 2602, Australia.

Applications for the positions stating full personal and professional details, the names of at least two referees, and quoting the relevant reference number should reach:

The Acting Secretary (Administration)
CSIRO
P.O. Box 225
Dickson, A.C.T. 2602
Australia

by 2 July 1976.
The Australian National University invites applications for the position of DEPUTY DIRECTOR, NHMRC Social Psychiatry Research Unit, from persons with substantial research and teaching experience in social psychiatry and epidemiology. Applications are sought from psychiatrists with research experience in public mental health, social and clinical areas and also from behavioral scientists with appropriate training and interests. Appointment for up to 5 years in the first instance. Appointments with return fares for appointee and family may be considered. Salaries $22,247 per year, clinical loading of Aust.$4,000 per year may be paid in some circumstances. Current exchange rate is A$1 = US$1.24. Reasonable travel expenses and assistance with housing. Further information from Academic Registrar, Australian National University, P.O. Box 4, Canberra, A.C.T., 2600, Australia, with whom applications close 19 July 1976.

The Australian National University invites applications for appointment as PROFESSOR AND ALTERNATE HEAD, Department of Neurobiology, Research School of Biological Sciences. The Department has an active program of research in the neural basis of behavior of perception of lower animals, mainly insects. The University is willing to give to biologists in areas of study already followed by the Department priority in the study of vision in insects in animals with compound eyes, but other fields not ruled out. Applicants must have international standing in the field, show knowledge of the highest research ability, and should be capable of leading experimental and theoretical research in neurons and behavior in insects. The position is 10 years. Salary: Aust.$25,955 per year; exchange rate A$1 = US$1. Reasonable travel expenses and assistance with housing available. Preference given to biologists in areas of study already followed by the Department. Further information from Academic Registrar, Australian National University, P.O. Box 4, Canberra, A.C.T., 2600, Australia, with whom applications close 16 July 1976.

DIRECTOR
THE CARY ARBORETUM
OF THE NEW YORK BOTANICAL GARDEN
MILLBROOK, NEW YORK 12546

Permanent senior position for established scientist active in theoretical and applied plant and vegetation research to assume overall responsibility for the Arboretum, a 100-acre arboretum and botanical garden. The Arboretum is the implementive, environmental focus of the New York Botanical Garden specializing in the promotion of the environmental responsibility through botanical research and education. Applicants shall have a Ph.D. in botany, environmental science, or a related field. A minimum of 5 years' experience in the field shall be required. Salary: $20,000 per year. Full information is available from the Director, Search Committee, New York Botanical Garden, Millbrook, New York 12546. Further information available on request.

EXECUTIVE DIRECTOR
The Maritime Transportation Research Board of the National Academy of Sciences/National Research Council, the executive director of the Academy and direct its professional staff. Incumbent will have delegated authority for independent action and decision making in all institutional areas. Candidates must have a superior knowledge of marine transportation systems, as well as the demonstrated ability to work successfully with federal, state, and local governments and other public and private organizations. A Ph.D. or M.S. degree in a related field and experience in a related field for a minimum of 10 years of related experience is desirable. Applicants should send resumes to: Kent Howard, Commissions, National Academy of Sciences, 2101 Constitution Avenue, NW, Washington, D.C. 20418. An Equal Opportunity Employer.

POSITIONS OPEN
DIRECTOR
ECOLOGICAL RESEARCH CENTER

Candidates should have the doctorate degree in a field related to ecology as well as experience in research and teaching in related fields. Experience with a publication record, and a systems approach to research planning would be assets. A terminally-ecological approach to research interests and vice versa. Will develop an ecological research program from the St. Thomas Campus and administer the St. John’s Wildlife Station. May be called upon to teach. Send inquiries to: Dr. Norwell Harrigan, Director, Caribbean Research Institute, University of the Virgin Islands, St. Thomas, U.S. Virgin Islands 00801.

POSITIONS OPEN

Newly approved Mineral Processing Engineering Program needs SENIOR and JUNIOR FACULTY before August 1976. This is a tenure track opportunity to develop and maintain programs in degrees and experience in coal preparation, coal conversion, or process metallurgy. Contact Dean, College of Engineering, Massachusetts Institute of Technology, 77 Mass. Ave., Cambridge, Mass. 02139. An Equal Opportunity/Affirmative Action Employer.

FACULTY POSITION AVAILABLE
A faculty position is available at the University of California at Berkeley. Applicants should have a Ph.D. and a record of experience in research and teaching in physical and biological sciences. They should have a background in biological research that has made significant contributions to scientific knowledge. It is anticipated that the position will be filled at the assistant professor level, but the possibility of hiring at a higher rank exists. The academic appointment will be held in the Department of Chemistry and that department will have the responsibility for the assignment of teaching duties. Applications should be submitted to Mr. Michael B. Ratner, Department of Chemistry, P.O. Box 100, Navarre, Minn. 55952. An Equal Opportunity/Affirmative Action Employer.

FACULTY POSITION IN BIOCHEMISTRY—A position is available at the Department of Biochemistry at the State University of New York at Buffalo for the position of Biochemistry in the Department of Biochemistry. The position is tenure track. Applicants should have a Ph.D. and three years of experience in biochemistry and experience in course preparation and lecturing are required. Responsibilities include lecturing in undergraduate and graduate courses, and participation in the biochemistry laboratory course. Research opportunities in the laboratory of a full-time faculty member are available. Salary commensurate with qualifications and experience. Interested individuals should send a curriculum vitae and three references to the Acting Chairman, Department of Biochemistry, 560 Farber Hall, State University of New York at Buffalo, Buffalo, N.Y. 14214. An Equal Opportunity/Affirmative Action Employer. No person in any relationship with the State University of New York at Buffalo shall be hired for this position because of race, sex, national origin, religion, color, or age.

Applications are invited for an anticipated FACULTY POSITION for fall 1976. Candidates should have a Ph.D. and two years of experience in research. Preference will be given to candidates who have had productive research background in cardiovascular physiology. The University offers a highly active laboratory dedicated to the study of coronary circulatory physiology and is able to provide a stimulating environment for research. Salary: $15,000 per year. Application should be submitted to: Joseph J. Csapo, Department of Pharmacology, State University of New York at Buffalo, Buffalo, N.Y. 14214. An Equal Opportunity/Affirmative Action Employer.

FACULTY POSITION IN PHYSIOLOGY
The University of Health Sciences/The Chicago Medical School is seeking a physiologist at the level of senior assistant professor or associate professor. The individual will be expected to have had a productive research background in cardiovascular physiology with teaching experience in a medical school. Send resume to: Chairman, Department of Physiology and Biophysics, The Chicago Medical School, 2020 West Ogden Avenue, Chicago, Illinois 60612. An Equal Opportunity/Affirmative Action Employer.

FACULTY POSITION IN MEDICINE
The University of Miami School of Medicine invites applications for the position of Junior Faculty Member in the Department of Medicine. Candidates are sought who have a Ph.D. or M.D. and who have completed postdoctoral training in an appropriate area of research. The Department of Medicine is a diverse, clinically active department with a wide range of clinical and research activities. Applicants should send their curriculum vitae to: Dr. Howard Cohen, Chairman, Department of Medicine, The University of Miami School of Medicine, Coral Gables, Florida 33124. An Equal Opportunity/Affirmative Action Employer.

GENERAL SCIENCE INSTRUCTOR
Undergraduate teaching position available September 1976 (or earlier) for science generalist. Franklin University is a fully accredited, 4-year metropolitan university offering courses in business and technology. We need an innovative, interdisciplinary instructor who is interested in teaching introductory courses in natural science for non-science majors in the sophomore and junior year. Salary: $5000 per year. Send resume to: John B. Rose, Department of Science, Franklin University, 201 South Grant Avenue, Columbus, Ohio 43215. An Equal Opportunity Employer.
POSITIONS OPEN

MEDICINAL CHEMIST/ORGANIC CHEMIST. The University of Wisconsin, Madison, School of Pharmacy, seeks a Ph.D. medicinal or organic chemist for a non tenure track position with an expected duration of 3 to 5 years. The major responsibility is to teach graduate medicinal chemistry. The development of an independent research program will be encouraged, with preference given to candidates having experience in GC–MS–spectroscopy, as well as the development of interdisciplinary approaches with other biomedical personnel in this area. A curriculum vitae and the names of three referees should be sent to Dr. C. R. Hutchison, Department of Pharmacology, 425 North Charter Street, Madison, Wisconsin 53706 (Telephone: 608-262-7852). The closing date for all applications is mid-July 1976. The University of Wisconsin is an Equal Opportunity/Affirmative Action Employer.

PHYSIOLOGY DEPARTMENT

Applications are invited for individuals interested in teaching human physiology in a chiropractic college with highly motivated, enthusiastic students. Ph.D. in human physiology with teaching experience required. Send curriculum vitae with list of publications to: Academic Dean, P.O. Box 5502, Spartanburg, S.C. 29304.

POSTDOCTORAL POSITION

CELL BIOLOGY

A position is available for September 1976 in the laboratory of Dr. Al R. G. White. Research on heterologous nuclear RNA–binding proteins and chromatins is the function and structure of the experimental systems include use of Drosophila (Drosophila melanogaster) and cultured mammalian cells. Applicants should have a strong background in physical biochemistry of nucleic acids and samples. Send curriculum vitae and three letters of recommendation to: Dr. Ashton Gibbons, Department of Biology, Worcester Foundation for Experimental Biology, 222 Maple Avenue, Shrewsbury, Mass. 01545.

An Active/Affordable Equal Opportunity Employer

PROGRAM EVALUATION/CHILD HEALTH

Three-year project at the Public Health, Education, and Kennedy schools to develop interdisciplinary evaluation of the effectiveness of school health and services for handicapped children; to establish inter-school programs in teaching student field experiences, and research in community child health education; disseminate research findings to communities studying child and decision-makers. Flint, Michigan, will be one of the sites; of the two yet to be selected, one will be in the Boston area.

We are seeking to fill three faculty positions at this time:

1) PROJECT DIRECTOR. Senior faculty position, strong leadership role in interdisciplinary health services research and evaluation and administrative experience in similar settings. Strong skills in quantitative methods are desirable.

2) CLINICIAN interested in school health and/or handicapped children. We will consider two half-time persons, one in each of these areas with half-time additional appointment possible at Children's Hospital Medical Center. Background in health services or evaluation research required.

3) JUNIOR FACULTY/RESEARCH ASSOCIATE. Strong background in community organization (especially health services, education, or child welfare). Practical experience in community health care delivery or planning desirable. A wide range of disciplines will be considered: sociology, anthropology, public health, social psychology, management, economics, research, social evaluation and measurement, and organizational behavior. Previous experience in community-based service or research desirable.

Please send curriculum vitae to:
Robert J. Haggerty, M.D., Chairman
Department of Health Services
The University of Massachusetts
677 Huntington Avenue, Room 302
Boston, Massachusetts 02115

Minority (including handicapped) and women candidates are particularly encouraged to apply.

POSITIONS OPEN

PATHOLOGIST/CHIEF PATHOLOGIST/HEAD DEPARTMENT OF PATHOLOGY

Position available at the Peoria School of Medicine, one of the three clinical schools within the University of Illinois College of Medicine. Applicants must be graduates of approved medical school. Boards certified in one of the boards of pathology, licensed or eligible for licensure in the State of Illinois, and have experience in diagnostic and research, and/or research. Duties include the development of programs in undergraduate, graduate, and continuing education in pathology; the recruitment of faculty to meet the needs of the department; the development of an effective evaluation of the clinical faculty; the support of research and other scholarly activities of the department; and representing the Department of Pathology to the Dean and other departments. Salary and academic rank will be commensurate with experience and qualifications. The position is available at present. Starting date to be negotiated. Interested persons should send their curriculum vitae to:

Dr. F. J. Grundbacher, Chairman
Pathology Search Committee
Peoria School of Medicine
1400 West Main Street
Peoria, Illinois 61604

Applications will be accepted until 15 August 1976. The University of Illinois is an Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITION—Immunochemistry and biophysics. U.S. citizenship required. Position available immediately to a person with a recent Ph.D. in biophysics or biochemistry. The research deals with the use of nuclear magnetic resonance spectroscopy to study the interactions of antibodies and their antigens and model systems. Interdisciplinary training is emphasized in this program. Send curriculum vitae including references to: Dr. C. F. Brewer, Department of Pharmacology, Albert Einstein College of Medicine, Bronx, N.Y. 10461.


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POSTDOCTORAL POSITION
Available immediately for providing general and regional care for patients with acute and chronic illness in the Department of Pediatrics. Send curriculum vitae and three letters of recommendation to: Dr. J. Carnahan, Department of Pediatrics, University of Texas, Medical Branch, Galveston. An Equal Opportunity Employer.

POSTDOCTORAL POSITION
Available immediately for teaching and clinical research in the Department of Pediatrics. Send curriculum vitae and three letters of recommendation to: Dr. J. Carnahan, Department of Pediatrics, University of Texas, Medical Branch, Galveston. An Equal Opportunity Employer.

POSTDOCTORAL RESEARCH FELLOW
M.D. or Ph.D. to be a part of a team analyzing the role of humoral and cellular immune responses to specific tumor antigens. Current studies in the establishment and maintenance of dormat MEL tumors. Salary $10,000 to $12,000 depending on relevant experience. Submit curriculum vitae, resume of thesis, and three letters of recommendation to: Dr. E. Frederick Wheelock, Department of Microbiology, Thomas Jefferson University, 1202 Locust Street, Philadelphia, Pa. 19107. Thomas Jefferson University is an Equal Opportunity/Affirmative Action Employer.

The University of Utah College of Medicine, Salt Lake City, Utah, invites applications for the position of PROFESSOR AND CHAIRMAN of the Department of Anatomy. This position requires both independent research capability in anatomical and/or developmental sciences and administrative abilities in providing leadership in a large University Health Sciences Center. The University is an Equal Opportunity/Affirmative Action Employer. This position is available immediately. Inquiries, including a curriculum vitae, should be sent to Dr. Charles Lear, Chairman, Search Committee, Department of anatomy, College of Medicine, University of Utah, Salt Lake City, Utah 84132.

RESEARCH ASSOCIATE/POSTDOCTORAL
Research associate/postdoctoral position available immediately for person to study receptor-mediated transport of immunoglobulin G in oocyte and yolk sac membranes. Call or write: Dr. Thomas F. Roth, Department of Biological Sciences, University of Maryland, College Park, Maryland 20742. Telephone: 301-455-2254. Affirmative Action/EQUAL Opportunity Employer.

RESEARCH INSTRUCTOR in neurology and pediatrics. Biochemist to assist in diagnosis and management of birth defects. Send curriculum vitae and three letters of recommendation to: Dr. E. Frederick Wheelock, Department of Neurology, University of Utah, Salt Lake City, Utah 84132. Salary $12,000 per annum. An equal opportunity employer.

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Contact: Dr. Richard F. Spencer, University of Connecticut Health Center, Farmington, Conn. 06032. Telephone: 203-794-3210. An Equal Opportunity/Affirmative Action Employer, M/F.

VERTEBRATE ZOOLOGIST: Assistant professor to teach human anatomy, general zoology, general physiology, comparative vertebrate anatomy. Requirements for the Ph.D. degree must be fulfilled. Disciplines preferred are comparative vertebrate anatomy, vertebrate evolution, mammalogy, or ichthyology. Applicants must send letter of application, vita, resume, and three letters of reference to: Dr. George Becker, Chairperson, Department of Biology, Metro- politan State College, 2800 South Colorado, Denver, Colorado 80224, by 1 July 1976. An Equal Opportunity Employer.
PESTICIDE RESIDUE CHEMIST
Position in pesticide residue development requiring thorough understanding of gas, liquid and thin layer chromatography and specialized trace detection techniques. Knowledge of separation and clean-up technology applicable to biological samples is important. Formal training in analytical chemistry and/or biological sciences desired.

ENTOMOLOGIST AND INSECT TOXICOLOGIST
Experienced Ph.D. or M.S. with training and/or background in crop protection entomology and insect toxicology to enter an industrial insecticide screening and evaluation program with administrative and/or scientific growth opportunities.

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The Highway Safety Research Institute of the University of Michigan seeks a number of research professionals to coordinate and carry out a program of applied policy research focused on the problems of transportation and traffic safety. The research work will involve a series of multidisciplinary projects examining policy formulation, policy implementation, information exchange and training, etc.

Candidates are sought from the fields of law, economics, political science, transportation and related disciplines who are expected to have a Ph.D. or equivalent terminal degree plus substantial experience in applied research. Appointments will be at a rank and compensation level commensurate with educational level and experience.

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1030 "C", LS & A Building
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Duties will include research into the metabolism of antiviral agents in infected and uninfected cells, characterization of viral enzymes, and biochemical assays for nucleic acids.

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Send curriculum vitae and names of references to:
Dr. James O. Dickinson
Department of Retinal Research
Eye Research Institute of Retina Foundation
1220 East Longwood Street
Boston, Massachusetts 02114

POSITIONS OPEN

SENIOR RESEARCH ASSOCIATE

Applications are invited for the position of senior research associate at the Worcester Foundation for Experimental Biology which is a full-time, multidisciplinary research institute. Applicants must have at least 3 years of postdoctoral experience demonstrating a productive research background in (i) the hormonal control of male fertility, male survival in the epididymis, (ii) nonhormonal and hormonal treatment for the regulation of male fertility, and (iii) expertise in the radioimmunoassay of blood plasma steroids. Candidates should have an academic background in male reproduction, physiology, and pharmacology. A good appreciation of the problems involved in the development of chemical contraception for the male. Send résumé and letters from three references to Dr. Ashton Gibbons, Director of Personnel, Worcester Foundation for Experimental Biology, 222 Maple Avenue, Shrewsbury, Mass. 01545.

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FOUR TEMPORARY POSITIONS AVAILABLE

Biological Department at UCLA has three temporary teaching and one teaching/coordinator positions available September 1976. Applicants should have Ph.D. degree and ability to teach large undergraduate courses and grade seminars. Positions are (i) teach introductory biology, core course in general and animal physiology, and course in sensory physiology; (ii) teach introductory biology, core course in development, and teaching fellow; (iii) coordinate and teach in introductory biology—this position requires administrative and experience in a very large course (about 800 students per quarter). Send curriculum vitae and names of three references before 1 July 1976 to: Search Committee, Biological Department, University of California, Los Angeles, Calif. 90024.

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FELLOWSHIPS

PREDOCOTRAL FELLOWSHIPS: Limited number of Graduate Student Stipends ($5100 per year) remain available for September 1976 to highly qualified students interested in an interdisciplinary program in MOLECULAR CELL BIOLOGY. Faculty of over 40 has research interests in: animal virology, bacterial and cellular genetics, cancer biology, cellular immunology, membrane pathology, connective tissue biology, mental research, infectious disease, and structural biochemistry. Contact immediately: Director of Graduate Studies; Department of Microbiology, University of Alabama in Birmingham, Medical Center, Birmingham, Alabama 35294.

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POSTDOCTORAL FELLOWSHIP

NIH Postdoctoral Fellowship available for biochemist (July 1977 to June 1979) to study pyrimidine bio- synthesis and mammalian cell growth or hemoglobin synthesis (HIF, HbA). Please address inquiries to: Phillip Sunshine, M.D., Department of Pediatrics, Stanford University School of Medicine, Stanford, Calif. 94305

POSTDOCTORAL FELLOWSHIP

Available for research on purification and characterization of androgen receptors of erythropoietic cells. The position is open to recent Ph.D. graduates (biochemistry, biophysics, pharmacology, or related fields) and is for a 1- to 2-year period. The stipend is $13,404, excluding fringe benefits. Locate is upstate New York research laboratory.

Box 287, SCIENCE

COURSES

BIOLOGICAL MAGNETIC RESONANCE COURSE
UNIVERSITY OF WISCONSIN-MADISON

An advanced introduction to magnetic resonance spectroscopy and its biomedical applications will be held from 15 to 21 August 1976 at the Department of Biochemistry, 420 Henry Mall, Madison, Wisconsin 53706. Applications should be sent to William A. Gibbons, Course Chairman, before the registration deadline of 15 June 1976.

Topics will include (i) proteins and nucleic acids—conformational change, denaturation, folding, and self-assembly of: (a) peptides and proteins, and (b) nucleotides, nucleic acids and carbohydrates. (ii) Binding, kinetics, mechanism studies of enzymes. (iii) ES studies of metalloproteins, free radicals, and membranes. (iv) Drug systematics in proteins, and interleukins and metabolites, and tissue metabolism.


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