

Personnel Placement

POSITIONS WANTED

Clinical Microbiologist, Ph.D. Many years of experience as director of diagnostic microbiology laboratory at 1600-bed university hospital and professor at Ivy League medical school. Seeks relocation western or southeastern United States. Box 44, SCIENCE. X

Developmental Biology/Genetics. Ph.D. 1970 (Montana State University). Postdoctoral research, 4 years of teaching, also clinical lab and industry. Seeks teaching/research position in Pacific Northwest/Mountain West or western Canada. Box 559, SCIENCE 1/31

Ecologist, Ph.D. Fields of specialization include evolutionary ecology and vertebrate zoology (especially herpetology). Teaching experience in general biology, ecology, and evolution. Publications. Prefer academic position in western United States or tropics. Box 45, SCIENCE. X

Human Cytogeneticist. Three years of postdoctoral research in human cytogenetics. Two years of teaching. Publications. Desires hospital or medical school position with clinical and teaching responsibilities. Box 46, SCIENCE. X

Plant Physiologist/Biochemist. Ph.D. Agricultural scientist, strong basic and applied background includes 6 years of research/teaching and 6 years of agricultural management. Plant growth regulation, mineral nutrition, and protein research. Innovative and well read. Interested in challenging career domestically or abroad. Box 47, SCIENCE. 1/3; 2/7

Teaching of biometrics, population genetics, and biology. Ph.D. in genetics (June 1974). Research: isozyme polymorphism. P.O. Box 23463, Columbus, Ohio 43223. 1/31

Theoretical Physicist-Ecologist author of book *Eophysics* and many papers with 20 years of teaching and research experience seeks permanent academic and/or research position. Blucherstr. 32, 1000 Berlin 61, Germany. 1/31

Translations. Professionally active scientist seeks opportunities for free-lance translation work in all fields of science. German and French. Experience. Box 48, SCIENCE. X

POSITIONS OPEN

ANATOMIST

Medical School appointment requiring Ph.D. in Anatomy. Appointment to be at Associate Professor level. Incumbent will teach gross and neuroanatomy, organize and conduct research in development, regeneration, and aging of neurosensory structures. Address résumé to **Dr. J. B. Longley, Department of Anatomy, University of Louisville Health Sciences Center, Box 1055, Louisville, Ky. 40201.** The University of Louisville is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSORSHIP

The Radiobiology Section, Radiology Department, University of Wisconsin Medical School, seeks a **Radiobiologist or Immunologist** with a strong background and interest in experimental tumor immunology. Candidate must be interested in developing an independent research program as well as taking part in cooperative research within the section and in the graduate teaching program. Submit curriculum vitae, bibliography, and a description of research interests to **Search Committee Chairman, Radiobiology Research Laboratories, 420 North Charter Street, Madison, Wisconsin 53706.** An Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR

The Department of Anesthesiology of the University of Wisconsin-Madison Medical School invites applications from qualified candidates for faculty positions at the Assistant Professor or, if appropriate, at a higher level. Interested applicants should send a curriculum vitae with a detailed description of clinical, teaching, and research interests. Correspondence should be addressed to: **Dr. S. Craighead Alexander, Professor and Chairman, Department of Anesthesiology, School of Medicine, University of Wisconsin-Madison, Madison, Wisconsin 53706.** An Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

ASSISTANT PROFESSOR OF ANATOMY

An anatomist Ph.D. and/or M.D. with predoctoral experience in an anatomical sciences training program and 2 to 3 years of postdoctoral experience. Must be interested in independent and/or collaborative research. Teaching duties mainly in gross anatomy in integrated programs. Salary will depend on qualifications. Apply to **Dr. G. Gordon Robertson, Department of Anatomy, University of Tennessee Center for the Health Sciences, 875 Monroe Ave., Memphis, Tennessee 38163.** Equal Opportunity/Affirmative Action Employer.

UNIVERSITY OF CALIFORNIA, DAVIS.

The Department of **BIOCHEMISTRY AND BIOPHYSICS** invites applications for an opening at the level of **ASSISTANT PROFESSOR**, effective July 1975. The primary requirement is promise of excellence in teaching and research. The principal teaching duty involves participation in the introductory undergraduate courses in general biochemistry; participation in upper division and graduate specialty courses is also expected. Preference will be given to candidates with postdoctoral experience whose research interests complement rather than duplicate those of the present staff. We are especially interested in applications from individuals who have demonstrated their competence, originality, and productivity in the areas of (i) protein chemistry, (ii) regulation of cellular function in eukaryotic systems, or (iii) membrane structure and function.

Applicants should submit a curriculum vitae and list of publications, undergraduate and graduate transcripts, a concise description of their proposed research, and three letters of recommendation to the **Chairman of the Search Committee, Department of Biochemistry and Biophysics, University of California, Davis 95616**, by 28 February 1975.

The University of California is an Equal Opportunity Employer with an Affirmative Action Program and welcomes applications from women and minority candidates.

ASSISTANT PROFESSOR OF BIOCHEMISTRY.

Applications are invited from qualified persons holding Ph.D. in Biochemistry (postdoctoral experience desirable). Candidates should be capable of effective graduate (M.S. level)/undergraduate teaching and should have demonstrated competence as an independent investigator in the areas of molecular biology or neurobiochemistry. Send curriculum vitae and names of three references before 28 February 1975 to **Dr. A. J. Diefenderfer, Chairman, Department of Chemistry, Old Dominion University, Norfolk, Va. 23508.** Old Dominion University is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR OF MEDICINE

in ambulatory care division of a large metropolitan university hospital. To develop and evaluate methods of health care delivery and to participate in instruction of health students in these methods. Applications for this position from qualified individuals are requested. *An Equal Opportunity Employer; women and members of minority groups are urged to apply.* Send curriculum vitae and bibliography to **John Roglieri, M.D., Director of Division of Ambulatory Care in Medicine, Columbia University College of Physicians and Surgeons, 630 West 168 Street, New York, N.Y. 10032.**

ASSISTANT PROFESSOR IN POPULATION GENETICS OR POPULATION ECOLOGY

The Department of Biology at Haifa University seeks applications for a faculty position in Population Genetics or Population Ecology.

Qualified applicants are invited to submit a curriculum vitae and summary of experience to **Prof. E. Nevo, Chairman, Biological Laboratories, The University of Haifa, Haifa, Israel.**

BIOLOGY

Two positions beginning fall 1975 at Hope College, a liberal arts college with a strong tradition in science. Applicants must be committed to undergraduate education and research. One position will be filled in botany, probably at the **Assistant Professor** level. The applicant must be able to teach general botany and have an area of specialization other than physiology or taxonomy. The second position, with salary and rank open, places greater emphasis on qualifications and abilities of the applicant than on area of specialization. Demonstration of outstanding competencies in teaching and research is necessary. Ability to teach microbiology desirable with one of these positions. Qualified applicants should arrange to have a résumé, transcripts, a statement of teaching competencies and interests, an outline of proposed research, and three letters of recommendation forwarded to **Dr. Eldon D. Greij, Chairman, Department of Biology, Hope College, Holland, Michigan 49423.** An Equal Opportunity Employer.

POSITIONS OPEN

CELLULAR BIOLOGIST/IMMUNOLOGIST

Position open for Ph.D. or D.Sc. in Department of Pathology and Clinical Pathology, 540-bed general hospital with active residency programs. Will direct section of Immunology and expand and implement RIA and immunofluorescent procedures, estrogen-binding studies in breast cancer, tumor-associated antigen studies, and laboratory support for clinical immunology. Should have strong interest in postgraduate physician teaching and application of research methods to clinical diagnostic problems. Competitive salary and benefits. Submit curriculum vitae to **David S. Johnson, M.D., Pathology Department, Good Samaritan Hospital & Medical Center, 1015 NW 22 Avenue, Portland, Oregon 97210.** An Equal Opportunity Employer.

AUSTRALIA

THE UNIVERSITY OF MELBOURNE

CHAIR OF AGRICULTURAL ENGINEERING (RE-ADVERTISED)

The University of Melbourne has created a Chair of Agricultural Engineering within the Department of Civil Engineering. Agricultural Engineering has been taught as a degree course since 1956. The appointee will be expected to develop teaching and research in Agricultural Engineering and to develop strong links with other groups including the Faculty of Agriculture and Forestry and the Centre for Environmental Studies.

Salary: expected to be \$A22,750 per annum.

Further information about the position, including details of application procedure, superannuation, travel and removal expenses, housing assistance, and conditions of appointment, is available from the Registrar. All correspondence (marked "Confidential") should be addressed to the Registrar, The University of Melbourne, Parkville, Victoria, 3052, Australia.

Applications close on 21 March 1975.

CHAIRPERSON. For fall 1975 for department of 20 faculty, approximately 65 graduate students, and 400 undergraduate majors with Ph.D. programs in experimental, social, and clinical. Good prospects for modest expansion in faculty size. Must have academic and administrative skills. Rank and salary open. Apply to **William L. Simmons, Chairperson Search Committee, Department of Psychology, State University of New York at Albany, 1400 Washington Avenue, Albany, New York 12222.** SUNY Albany is an Affirmative Action/Equal Opportunity Employer.

CHAIRPERSON, BIOLOGICAL SCIENCES

Applications are invited for the position of Chairperson for the Department of Biological Sciences, Wright State University. Academic teaching and administrative experiences are desirable. The department offers undergraduate programs in Biological Sciences, Environmental Health, and Medical Technology and a master's level graduate program in Biological Sciences. Currently 51 graduate students are enrolled. The departmental specialty emphasis is upon cellular-molecular biology, environmental biology, and organismic biology. The department has a staff of 15 professorial persons and is currently recruiting professorial persons for the reorganization of the department in association with programs in the new School of Medicine and the College of Science and Engineering. Applications should be submitted by 28 February 1975 to: **Chairman of the Search Committee, Dr. Shigeru I. Honda, Department of Biological Sciences, Wright State University, Dayton, Ohio 45431.** An Equal Opportunity/Affirmative Action Employer.

CHAIRPERSONS being sought for **PATHOLOGY, MICROBIOLOGY, BIOCHEMISTRY**, and **FAMILY MEDICINE** departments in East Carolina University School of Medicine, now expanding to degree-granting status. Send inquiries with curriculum vitae to: **Dean's Office, School of Medicine, P.O. Box 2701, East Carolina University, Greenville, N.C. 27834.** An Equal Opportunity/Affirmative Action Employer.

CHAIRMAN

The Biology Department of the State University College at Buffalo is seeking a department chairman for 1 September 1975. Teaching and research experience essential. Background in developmental biology desirable. Rank of Associate Professor with base salary up to \$18,000 for qualified person. Send résumé to **Dr. William C. Scheffer, Chairman, Biology Department, State University College at Buffalo, 1300 Elmwood Avenue, Buffalo, N.Y. 14222.** Equal Opportunity Employer.

POSITIONS OPEN

BIOCHEMIST

Postdoctoral biochemist to participate in metabolic evaluation of surgically altered hepatic tissue via ex vivo perfusion and effect of hepatic dysfunction on brain metabolism.
Apply with curriculum vitae to:

Dr. F. A. Reichle, M.D.
3400 North Broad Street
Philadelphia, Pa. 19140



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Elkhart, Indiana 46514

CSIRO DIVISION OF HUMAN NUTRITION ADELAIDE, S.A. CHIEF OF DIVISION

CSIRO has a broad charter for research into primary and secondary industry areas. The Organization has approximately 6500 employees—2100 of whom are research and professional scientists—located in Divisions and Sections throughout Australia.

General: The Executive of CSIRO has recently decided to establish a Division of Human Nutrition. This came into being on 1 January 1975. The Division will be located in Adelaide, S.A., using the facilities of the Division of Nutritional Biochemistry which ceased to exist on 31 December 1974. The research program will be a subject for discussion with the new Chief, but areas which might be considered could include the nutritive value of new and processed foods; problems related to food additives and pollutants; the nutritional significance of trace elements, minerals, and vitamins; and fundamental studies on the biochemical aspects of nutrition and on human calorimetry.

The Executive is seeking for appointment as Chief of the Division of Human Nutrition a scientist of demonstrated research ability and leadership, with experience in a field of research associated with human nutrition.

Duties: The Chief of Division will be responsible to the Executive for the conduct and direction of the research activities, for its general administration, and for the control of funds available to it. The Chief is expected to make recommendations to the Executive on the future orientation of the Division's research programmes. Re-deployment of appropriate staff and vacancies from the former Division of Nutritional Biochemistry together with such additional positions as will be allocated the Division in the course of its development will result in a Division of about 100 staff of which about 30 will be professional scientists.

Salary: Salary for the position will be not less than \$23,463 per annum, and appointment at a higher level would be considered in the case of an exceptional candidate.

Tenure: Appointment to the Organization will be for an indefinite period, and Australian Government Superannuation benefits are available. However, the tenure of appointment as Chief could be subject to negotiation, but a fixed term (of the order of 7 years) would be envisaged initially. Such an agreement could be renegotiated for a further period.

Further Information: A member of the CSIRO Executive will be visiting Britain and the United States during February/March 1975, and will be available for discussions concerning the appointment with applicants and other interested parties. Those interested in discussing the appointment should contact the **Chief Scientific Liaison Officer, Australian Scientific Liaison Office, 64 Kingsway, London, WC2B 6BD, England**, or the **Counsellor (Scientific), Embassy of Australia, 1601 Massachusetts Avenue, NW, Washington, D.C. 20036**. It may be possible to arrange such discussions at a number of points in Britain and the United States. Scientists interested in discussing the appointment should insure that the appropriate overseas office is contacted in ample time to enable suitable arrangements to be made.

Further information on existing and planned facilities, on the location of the Division and on the availability of related institutes and hospitals is available on request from the **Secretary (Administration), CSIRO, P.O. Box 225, Dickson, A.C.T. 2602, Australia**.

Applications: Applications stating full personal and professional details, the names of at least two referees, and quoting reference number 250/225 should reach:

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

by 4 April 1975.

POSITIONS OPEN

ASSOCIATE VICE PRESIDENT FOR EDUCATIONAL DEVELOPMENT AND RESEARCH UNIVERSITY OF IOWA

Responsible for general supervision of the Office of the Vice President, and liaison with Congress, federal agencies and major private foundations. Applications and nominations should be sent to: **D. C. Spriestersbach, Vice President for Educational Development and Research, Graduate College, University of Iowa, Iowa City, Iowa 52242**.

The University of Iowa is an Equal Opportunity Employer.

DEAN, SCHOOL OF MEDICINE

The University of Southern California is seeking a Dean for its School of Medicine. The candidate should have an M.D. degree and an established reputation for leadership in medical education, administration, and research. Interested persons are invited to submit application or nominations, including curriculum vitae and bibliography, by 15 March 1975 to **Nancy E. Warner, M.D., Chairman, Search Committee, Room 204, Hoffman Building, 2025 Zonal Ave., Los Angeles, California 90033**. *The University of Southern California is an Equal Opportunity/Affirmative Action Employer.*

DIRECTOR

Applications are invited for the position of **Direktor des Instituts für Tierzucht und Tierverhalten, Forschungsanstalt für Landwirtschaft**, a federal research institution engaged in reproductive biology, animal behavior, and genetics. Staff of 250, including 16 scientists. Research budgeted. Facilities: 2500 square meters of laboratory space; four research farms (1200 hectares); livestock of 1200 cattle, 2000 pigs, and 1000 sheep. Locations: main laboratories and two farms at Mariensee near Hannover; laboratory and two farms at Trenthorst near Lübeck.

Qualifications: Internationally established research reputation. Applicants with biochemical and physiological background should be able to coordinate the research programs of the different sections.

Salary: approximately 65,000 DM per annum (B3 tenure position in government service).

To apply, send curriculum vitae, summary of research activities, list of publications, and reprints before 1 March 1975 to

Prof. Dr. E. Zimmer, Präsident
Forschungsanstalt für Landwirtschaft
Bundesallee 50
D 33 Braunschweig
Federal Republic of Germany

ECOLOGY POSITIONS

THE UNIVERSITY OF TENNESSEE GRADUATE PROGRAM IN ECOLOGY is seeking candidates for faculty positions in the following disciplines:

Ecological Herpetology
Marine Ecology
Microbial Ecology
Phytoplankton Ecology

The Graduate Program in Ecology offers the Master of Science and Doctor of Philosophy degrees. Faculty teach advanced courses, conduct contemporary scientific research, advise graduate students, and participate in the continued development of the program. Ecology faculty receive appointments in appropriate departments within the Colleges of Agriculture, Engineering or Liberal Arts. These include Agricultural Biology, Agricultural Engineering, Botany, Environmental Engineering, Forestry, Horticulture and Landscape, Microbiology, Plant and Soil Science, Psychology, and Zoology. Ecologists in the Environmental Sciences Division of the Oak Ridge National Laboratory hold faculty positions in the program and several university faculty serve as consultants to ORNL: 42 faculty, 70 graduate students, and more than 80 graduate courses comprise the Graduate Program in Ecology at The University of Tennessee. Contact **Dr. J. Frank McCormick, Director, Graduate Program in Ecology, The University of Tennessee, Knoxville, Tennessee 37916**. *The University of Tennessee is an Equal Opportunity and Affirmative Action Employer.*

MEDICAL-SCIENTIFIC DIRECTOR

Challenging position available immediately in a major national voluntary health agency. M.D. degree and interest or experience in scientific programs preferable. Need energetic, innovative person to provide staff planning and direction of medical and scientific programs of the Foundation. Medical administrative experience desirable. Excellent fringe benefits. Salary negotiable depending on qualifications. Contact: **Welch H. Boyer, National Director, Cystic Fibrosis Foundation, 3379 Peachtree Rd., NE, Atlanta, Ga. 30326**. Telephone 404-262-1100. *An Equal Opportunity/Affirmative Action Employer.*

POSITIONS OPEN

DEPARTMENT OF PHYSIOLOGICAL CHEMISTRY UNIVERSITY OF WISCONSIN

A faculty position at the level of **Assistant Professor** will be available on or after 1 July 1975 for a person with strong biochemical research as well as teaching interests. The department has teaching responsibilities for graduate and medical and other health science students. Applicants should have had postdoctoral research experience and should submit a curriculum vitae, a complete bibliography, names of three persons knowledgeable of the candidate's research or teaching ability, and a brief statement of future research interests. These materials should be received by the **Search Committee, 572 Medical Science Building, University of Wisconsin Medical School, Madison, Wis. 53706** not later than 1 March 1975. *The University of Wisconsin School of Medicine is an Equal Opportunity Employer and applications from women and members of minority groups are encouraged.*

DEAN OF THE DIVISION OF SCIENCE AND MATHEMATICS

Ph.D. required. Experience in teaching, research, and administration desired. Apply by 15 March 1975. Inquire: **Dr. Eugene Bard, Physics/Mathematics Bldg., Room 201, Southern Colorado State College, Pueblo, Colo. 81001**.

Equal Opportunity/Affirmative Action Employer

ESTUARINE SCIENTIST

University of Maryland Center for Environmental and Estuarine Studies invites applications from individuals competent to assume a position of scientific and administrative leadership at the Chesapeake Biological Laboratory, the Center's primary site for estuarine research. The laboratory is located at Solomons Island near the center of the Chesapeake Bay. It has a staff of about 75 and is equipped with several research vessels, a new controlled environmental laboratory and other facilities required for the wide range of research programs it conducts. Applicants are sought with demonstrated records of research in the life sciences, oceanography, or other fields related to estuarine research.

Applications or nominations with accompanying résumés should be sent by 14 March 1974 to

Professor Fred Gormick
University of Maryland Center for
Environmental and Estuarine Studies
P.O. Box 775
Cambridge, Maryland 21613

University of Maryland is an affirmative action and equal opportunity employer.

EVOLUTIONARY BIOLOGIST

Position for Assistant Professor of Biological Sciences as of September 1975. Candidates must be prepared to develop vigorous research program in Biosystematics at cellular, organismic, or population level, and to direct graduate students toward M.S. and Ph.D. degrees. Teaching responsibilities will involve courses in Evolution, Cytogenetics, and periodic participation in Introductory Biology. Preference to candidates with background in Plant Sciences and with postdoctoral experience. Closing date for applications 1 March 1975. Application including curriculum vitae and three letters of recommendation should be sent to **Dr. Stanley K. Shapiro, Head, Department of Biological Sciences, University of Illinois at Chicago Circle, Box 4348, Chicago, Ill. 60680**. *An Equal Opportunity/Affirmative Action Employer.*

The Marine Sciences Research Center, State University of New York at Stony Brook has two openings for **FACULTY APPOINTMENTS** in any of the following areas:

- 1) **Benthic Ecology.** Shallow water community dynamics and the effects of man's activities on community structure.
- 2) **Biological Oceanography.** Productivity, nutrient dynamics, and energy budgets of coastal areas.
- 3) **Marine Microbiology.** Microbial ecology, nutrient regeneration by bacteria, pathogenic organisms in the coastal environment.
- 4) **Geological Oceanography.** Studies of fine-grained sediment dispersal, or littoral processes.
- 5) **Environmental Toxicology.** Effects of toxic chemical pollutants on ecosystems.

Duties will include research and limited graduate teaching. We hope to fill positions by September 1975. Levels to be determined by qualifications of candidates. Send curriculum vitae, bibliography and reprints, and list of three referees familiar with applicant's work to **J. R. Schubel, Director, Marine Sciences Research Center, State University of New York, Stony Brook, New York 11794**. *An Equal Opportunity Employer/Affirmative Action Program.*

POSITIONS OPEN

DIRECTOR, BIOMEDICAL COMPUTING TRAINING GRANT. Ohio State University, College of Medicine and Department of Computer and Information Science, is seeking a Director for a NIH/NLM funded training grant. Director of this training program must hold a Ph.D. or M.D. degree and qualify for a faculty appointment in either the Department of Computer and Information Science or a department in the College of Medicine. Primarily teaching but many research opportunities are available. Send curriculum vitae and references to **Gregory Trzebiatowski, Ph.D., Assistant Dean for Medical and Graduate Education, Ohio State University College of Medicine, 2066 Graves Hall, 333 West 10th Ave., Columbus, Ohio 43210.**
Equal Opportunity Employer

ELECTRON MICROSCOPE MANUFACTURER REPRESENTATIVE REQUIRED

Adam David Co., Huntingdon Valley, Pa., has some areas open for Manufacturer Representative to sell the new PA1 electron microscope. This microscope is manufactured in the United States and is to compete with foreign imports in the small electron microscope market. Further details can be obtained from **Alan G. Bennett, 421-J Pike Road, Huntingdon Valley Pa. 19006. Telephone: 215-357-3365.**

EXPERIMENTAL POPULATION BIOLOGIST

Assistant Professor (possibly Associate Professor) for September 1975. Interests to include teaching and field or laboratory research in ecological genetics or evolutionary ecology, employing either plants or animals. Appointment can be in either botany or zoology department. Women and minorities are encouraged to apply. Send full curriculum vitae and have four letters of recommendation sent, by 27 February, to **Wyatt W. Anderson, Population Biologist Search Committee, Division of Biological Sciences, University of Georgia, Athens, Georgia 30602.**
An Equal Opportunity/Affirmative Action Employer

IOWA STATE UNIVERSITY AND AMES LABORATORY ATOMIC ENERGY COMMISSION

The Physics Department of Iowa State University anticipates a faculty appointment for an **EXPERIMENTAL SOLID STATE PHYSICIST** who would participate in the undergraduate and graduate teaching programs of the department and in the neutron scattering studies research program of the Ames Laboratory. The position is expected to be at the assistant professor level, but for an applicant with outstanding qualifications, a more senior rank may be possible. Serious applicants should be prepared to assume their duties no later than 1 September 1975.

Applicants should hold the Ph.D. degree with at least 1 year's postdoctoral experience in neutron diffraction or inelastic neutron scattering research. Experience in cryogenic techniques would be highly desirable. *Iowa State University is an Equal Opportunity Employer with an Affirmative Action Program.* Applications are especially welcomed from black Americans, American Indians, Spanish-surnamed Americans, and women.

Applicants should send curriculum vitae, together with copies of published research, and the names and addresses of three references to: **Dr. R. G. Barnes, Chairman, Department of Physics, Iowa State University, Ames, Iowa 50010.**

UNIVERSITY OF CINCINNATI COLLEGE OF MEDICINE CINCINNATI, OHIO 45267 FACULTY APPOINTMENTS IN ANATOMY AND PHYSIOLOGY

Department of Physiology-Respiratory Physiologist. We are seeking an individual at the Assistant Professor level with postdoctoral training in respiratory physiology to join an active department in a new, well-equipped Medical Sciences Building. We teach together, have a strong graduate program, exchange research ideas and believe that a department is more than individuals on the same floor. If you are a productive scientist, enjoy teaching and want a stimulating environment in a cultured city, please contact **Dr. Daniel L. Kline, Chairman.**

Department of Anatomy. Two positions open to help us teach the regular anatomical courses to an enlarged class in a completely new Medical College Building. We are interested in persons with main research interests in hematology and/or microvascular research, embryology, or gross anatomy. Candidates must have obtained or be about to obtain the Ph.D. degree in Anatomy, or have had experience in teaching medically oriented anatomy courses. Rank will depend upon past experience. Apply to **Dr. Roger C. Crafts, Chairman.**

The University of Cincinnati is an Equal Opportunity Employer with an Affirmative Action Program.

POSITIONS OPEN

EXPERIMENTAL PLANT MORPHOLOGY/MORPHOGENESIS

The Department of Botany, University of Georgia, invites applications for an opening at the Assistant Professor level in the area of experimental plant morphology or morphogenesis. Teaching responsibilities will include structural botany. Applicants should submit a curriculum vitae, reprints, graduate and undergraduate transcripts, a short statement of research and teaching interests, and the names of three references to **Dr. Donald B. Fisher, Chairman, Search Committee, Department of Botany, University of Georgia, Athens, Georgia 30602. The University of Georgia is an Equal Opportunity and Affirmative Action Employer.**

FACULTY POSITIONS IN THE DOCENT SYSTEM

Open for experienced internists and family practitioners interested in joining multidisciplinary patient care and teaching teams in a midwestern university health science center. Program emphasizes continuity in care of patients with general medical problems and continuity in teaching programs for medical students, residents, and other health sciences students. This is a rapidly developing setting with close working relationships between health science schools and community institutions. For further information contact: **Dean Richardson K. Noback, University of Missouri-Kansas City School of Medicine, 2411 Holmes Street, Kansas City, Missouri 64108. An Equal Opportunity Employer.**

FACULTY VACANCY

The Department of Geology and Geological Engineering, University of Mississippi, has a faculty vacancy in geomorphology, geohydrology, or related fields. The appointment will be for 2 years, but may become permanent. The Ph.D. is desired, but outstanding candidates with the M.Sc. will be considered. The appointment could start as early as January 1975. Please send inquiries to **Dr. Velson H. Minshew, University, Miss. 38677. The University of Mississippi is an Equal Opportunity/Affirmative Action Employer.**

POSITIONS OPEN

FACULTY POSITION IN GENETICS

The Department of Botany and Plant Pathology at Oregon State University is accepting applications for a position in Genetics, the appointment to be effective 16 September 1975. Duties will consist of both teaching and conducting basic research on some fundamental aspect of the genetics of higher or lower plants. Presentation of lectures in selected team-taught undergraduate courses and independent teaching of a graduate course in plant genetics will comprise the teaching assignment. The specific research field is open; however, preference will be given applicants whose research would complement other research programs in the Department. Appointment will be on a 9-month basis and at the rank of Assistant Professor. A Ph.D. degree with specialization in genetics is required, and preference will be given applicants who have 1 or 2 years of postdoctoral research and/or teaching experience. Salary will be dependent upon qualifications and experience.

Oregon State University subscribes to a policy of active recruitment of women and ethnic minority persons and invites all interested and qualified persons to apply. Applications and inquiries should be addressed to:

**Dr. Thomas C. Moore, Chairman
Department of Botany and Plant Pathology
Oregon State University
Corvallis, Ore. 97331**

Applications should include a curriculum vitae, reprints of research papers, transcripts of academic records, three letters of recommendation, and any other information considered pertinent by the applicant. Deadline is 1 March 1975.

GENERAL BIOLOGIST

Position (Assistant Professor) to teach General Biology and to conduct active research program, effective 1 July 1975. Submit curriculum vitae, transcripts of records, list of publications, three letters of recommendations, and a letter concerning teaching and research interests to: **Dr. Paul P. Weinstein, Chairman, Department of Biology, University of Notre Dame, Notre Dame, Indiana 46556. The University is an Equal Opportunity, Affirmative Action Employer. Qualified women and minority group candidates are urged to apply.**

EXXON Corporation
has an immediate opening for an experienced

TOXICOLOGIST

with a desire to make important contributions in the areas of acute toxicity and carcinogenesis. The toxicology function, part of the Research and Environmental Health Division, is located in Linden, New Jersey at the Exxon Research Center.

Our toxicology research program is on a contract basis with commercial and university laboratories. Classes of materials include petroleum products and derivatives, industrial chemicals, indirect food additives and certain specialty items. Much of our work is consultative in nature ...drawing upon current laboratory studies, historical research and wide contacts in all phases of toxicology.

The individual we need should have a PhD in Toxicology or a related discipline, five to ten years' experience in toxicology research, plus a definite proficiency in written and oral communications. Some travel will be required.

Qualified applicants are requested to send a detailed resume in strict confidence to: **A.A. Barnello, Medical Research Division, Professional Recruitment, Department CS 116, P.O. Box 45, Linden, New Jersey 07036. An Equal Opportunity Employer M/F**

EXXON CORPORATION

"WHERE TOMORROW COMES FIRST"

POSITIONS OPEN

FACULTY POSITION

Area of Foods and Nutrition. Doctoral degree with an emphasis on Nutrition preferred; Master's degree will be considered. Candidate must be a registered dietitian with clinical experience in Nutrition. Assume responsibility for the development of a coordinated undergraduate program in dietetics and initiate clinical experience for students in the program as well as teaching a course in Nutrition. Interested candidates should send résumé, official transcripts, and professional references by 1 March 1975 to: **Dr. Esther D. Calard, Department of Family and Consumer Resources, Wayne State University, Detroit, Mich. 48202.**

FACULTY POSITIONS in

**Cardiology
Pulmonary Medicine
Clinical Pharmacology
Allergy and Immunology
Oncology
Gastroenterology**

Apply to **Chairman, Department of Medicine, University of North Carolina School of Medicine at Chapel Hill, N.C. 27514.**

IMMUNOLOGY, Ph.D. We seek a well-trained Ph.D. with a minimum of 2 years of postdoctoral training to join imaginative research unit, primarily concerned with immunological aspects of rheumatoid arthritis, other connected tissue diseases, and allergy. This position offers excellent opportunity for creative basic research, as well as the possibility of affiliation with the academic community. Qualified candidates are invited to send detailed résumé indicating salary history and requirements, in confidence, to: **Mrs. Dorothy D. Arnette, CIBA-GEIGY Corporation, Saw Mill River Rd., Ardsley, N.Y. 10502. An Equal Opportunity Employer/Male and Female.**

INSTRUCTOR OF PHARMACOLOGY-PATHOLOGY, Ph.D. with research experience in pharmacokinetics. Participate in teaching medical, dental, pharmacy, and graduate students. Position will be half-time in both the departments of Pharmacology and Pathology. Applicant should send a curriculum vitae including publication list, a summary of teaching and research experience, and the names of three references. Information should be sent to **Arthur H. Briggs, Chairman, Department of Pharmacology, The University of Texas Health Science Center, 7703 Floyd Curl Drive, San Antonio, Texas 78284. An Equal Opportunity/Affirmative Action Employer.**

INTRODUCTORY BIOLOGIST

Cornell University seeks an assistant coordinator for its introductory biology laboratories. Ph.D. or Master's required; salary competitive. Experience in experimental and investigative laboratories preferred. Deadline for applications: 21 March 1975. For application guidelines, write to **Dr. J. Glase, Roberts Hall 310, Cornell University, Ithaca, N.Y. 14853. An Equal Opportunity/Affirmative Action Employer.**

THE UNIVERSITY OF HOUSTON VICTORIA CENTER DIVISION OF MATHEMATICAL SCIENCES

Invites applications for the anticipated teaching positions starting in the fall of 1975. The following personnel are needed:

- 1) Applied Statistician with strong mathematics and/or statistics background (Associate or Full Professor position)
- 2) Applied Computer Scientist with mathematics and/or statistics background (Associate or Full Professor position)
- 3) Applied Mathematician with analysis and computer background (Assistant or Associate Professor position)
- 4) Applied Mathematician with computer and/or statistics background (Assistant or Associate Professor position)
- 5) Mathematician with background in Education, Computer Science, and Statistics (Assistant or Associate Professor position)

This upper level institution is in its second year of operation. The Division of Mathematical Sciences offers the unique opportunity of working in an integrated mathematical sciences program involving mathematics, computer science, and statistics.

All candidates must have a doctorate or the equivalent in experience and be qualified to teach at the undergraduate and Master's level.

Interested applicants should send a résumé to:

**Dr. Craig A. Wood, Head
Division of Mathematical Sciences
The University of Houston Victoria Center
Victoria, Texas 77901**

Equal Opportunity Employer

POSITIONS OPEN

PHYSIOLOGIST

Doctoral Level. Philadelphia College of Osteopathic Medicine is seeking a physiologist with strong interest in pharmacology and teaching/administrative experience for responsible faculty position. Some research opportunity. Please address inquiry and curriculum vitae to **Spencer G. Bradford, D.O., Assistant Dean for Basic Sciences, Philadelphia College of Osteopathic Medicine, 4150 City Avenue, Philadelphia, Pennsylvania 19131.**

PLANT ECOLOGIST

Intermediate or advanced Assistant Professor for September 1975. Ph.D. Experience in teaching and research in synecology. Description of position available on request. Send curriculum vitae, reprints, transcripts, and three letters of recommendation by 15 March 1975 to: **Dr. George J. Williams III, Department of Botany, Washington State University, Pullman, Wash. 99163. Washington State University is an Equal Opportunity Employer with an Affirmative Action Program.**

PLANT PATHOLOGIST. Temporary assistant research plant pathologist position available 1 March 1975. Responsibilities: Direct and perform research on metabolic regulation and toxins in plant-parasite interaction. Applicants should submit their curriculum vitae, list of publications, and names of three references no later than 15 February 1975, to **Tsune Kosuge, Chairman, Department of Plant Pathology, University of California, Davis, California 95616.**

An Equal Opportunity/Affirmative Action Employer

POSTDOCTORAL POSITION

Available immediately. Research into theoretical and practical aspects of plant and fungal secondary metabolism. Salary \$10,000. Applicants should have previous experience of GC, GC-MS, tracer techniques, and microchemistry. Send curriculum vitae and names of three referees to **Dr. I. M. Campbell, Department of Biochemistry, Room 605 Parran Hall, University of Pittsburgh, Pittsburgh, Pa. 15261.**

POSTDOCTORAL POSITION

Genetic and biochemical research on bacterial transport systems. Participation in teaching of microbiology course. Salary DM 27,000. Applications, with curriculum vitae naming two references, should be sent to: **Dr. Winfried Boos, Universität Konstanz, Fachbereich Biologie, 775 Konstanz, Postfach 733, West Germany.**

PROFESSOR OF BIOCHEMISTRY required for the Faculty of Medicine at Memorial University of Newfoundland, St. John's, Newfoundland. A position for a senior faculty member in biochemistry will be available in 1975 in this non-departmental medical school. The successful candidate will be the senior person in a group of biochemists and will be able to recruit one or two faculty members of his/her own choosing, subject to faculty approval. Teaching role includes general biochemistry, teaching medical students in a course that is integrated with other aspects of cell biology. Research space will be available in the new Health Sciences Complex and there are funds available for equipping a new laboratory plus an annual travel allowance. Training of graduate students is encouraged. The city of St. John's (population, 100,000) is close to extensive wilderness areas and many miles of rocky coastline and particularly suits people with interests in camping, fishing, hiking, and the outdoor life.

UNIVERSITY OF SOUTH ALABAMA COLLEGE OF MEDICINE

Invites applications and nominations for the position of **Professor and Chairman, Department of Neurobiology.** Candidates should have a substantial record of accomplishment in neurobiological research, as well as extensive teaching experience. The department is responsible for the teaching of neurobiology to medical students as well as graduate students.

The University of South Alabama, College of Medicine, is an Equal Opportunity Employer with an Affirmative Action Program and welcomes applications from women and minority candidates.

Applications and nominations should be accompanied by a curriculum vitae and submitted to: **Michael Kehoe, M.D., Chairman, Search Committee—Neurobiology, Room 1070, Moorer Clinical Sciences Building, University of South Alabama—Medical College, Mobile, Alabama 36617.**

POSITIONS OPEN

Cornell University Department of Psychology plans to make an appointment at a senior level in **COGNITIVE PSYCHOLOGY** (attention, perception, memory, thought). We are looking for someone who has already made substantial contributions to the field and has an ongoing program of research. Candidates with either a developmental or a formal analytic approach to cognition are preferred. Contact **Ulric Neisser, Department of Psychology, Uris Hall, Cornell University, Ithaca, New York 14853. Cornell is an Equal Opportunity Employer.**

MOLECULAR BIOLOGY OF DEVELOPMENTAL PROCESSES INCLUDING ANIMAL VIROLOGY

The Division of Biological Sciences, University of Georgia, will have two faculty positions available for appointments beginning in the 1975 academic year for individuals highly qualified in the broadly defined areas of developmental biology/molecular virology. Candidates should have basic predoctoral training in biochemistry, microbiology, or physiology-endocrinology and postgraduate training in one of the specified areas. The individuals selected will have their major appointment in one of the departments of the Division of Biological Sciences (Biochemistry, Botany, Endocrinology, Microbiology, or Zoology) or jointly in two departments, if appropriate, and will participate in the interdepartmental Program in Molecular and Developmental Biology. Teaching responsibilities will include participation in both undergraduate and graduate level courses in microbiology, cell and developmental biology, virology, endocrinology, or genetics depending on the individual's background and interests. The appointees will be expected to develop an independent research program.

Interested candidates should submit a curriculum vitae, a statement of future research plans and teaching experience and interests, names of three individuals who can be contacted for recommendations, and reprints of publications by 1 March 1975, to **Dr. L. S. Dure, Department of Biochemistry, University of Georgia, Athens, Georgia 30602.**

The University of Georgia is an Equal Opportunity/Affirmative Action Employer and encourages applications from women and individuals from minority groups.

NEUROBIOLOGIST

The Institute for Developmental Research, Children's Hospital Research Foundation, Cincinnati, Ohio, invites applications for a faculty appointment as an Assistant Professor of Research Pediatrics. Candidates should have experience and are expected to develop a strong, independent research program in areas directly or indirectly related to Neurobiology and/or Mental Retardation. Teaching responsibilities involves participation in the interdisciplinary graduate program in Developmental Biology. Joint appointments are possible with basic science departments of the University of Cincinnati College of Medicine. Send curriculum vitae and two letters of reference to: **Dr. Ernest F. Zimmerman, Division of Fetal Pharmacology, Children's Hospital Research Foundation, Cincinnati, Ohio 45229. An Equal Opportunity, Affirmative Action Employer.**

UNIVERSITY OF MASSACHUSETTS, AMHERST PSYCHOLOGY

The Department of Psychology is seeking to appoint Assistant Professors in the following three areas:

- 1) **Personality and Social Development**
- 2) **Neurochemical Aspects of Behavior**
- 3) **Organizational Psychology**

Search committees for each of these positions will be seeking candidates with the strongest qualifications for research and teaching at both graduate and undergraduate levels. All appointments are to begin 1 September 1975. Candidates should send a curriculum vitae and names of references (not reference letters) to: **Dr. Richard T. Louttit, Head, Department of Psychology, University of Massachusetts, Amherst, Mass. 01002, by 14 February. The University of Massachusetts is an Affirmative Action/Equal Opportunity Employer and applications from women and members of minority groups are especially welcomed.**

RESEARCH ASSOCIATE

A Research Associate position is available for a person with a Ph.D. in Biochemistry or Pharmacology. Research experience in either drug metabolism or catecholamine metabolism and experience with gas chromatographic techniques is required. Good starting salary. Send résumé to: **G. N. Pandey, Ph.D., Illinois State Psychiatric Institute, 1601 West Taylor St., Chicago, Ill. 60612. An Equal Opportunity/Affirmative Action Employer.**

POSITIONS OPEN

RESEARCH ASSOCIATE

Applications are being accepted for a position of Research Associate in field research in physical oceanography at the University of Washington, Seattle, Washington 98195. See page 1150 of the 20 December 1974 issue of *Science* for details. The following additional information applies to that announcement: applicant must have a Ph.D. in a related physical science, and the position is a joint one between the Applied Physics Laboratory and the Department of Oceanography. Contact Professor D. James Baker, Jr., Department of Oceanography WB-10, University of Washington, Seattle, Washington 98195 for further information.

RESEARCH INSTRUCTOR IN PATHOLOGY

Requirements: 1 year of training in Cutaneous Pathology; 1 year of experience in the study of primary human Cutaneous Malignant Melanomas, in the pathology of malignant melanoma, working knowledge of tumor immunology, and chemotherapy required. Reply to: Olga Kusch, Department of Pathology, Temple University Health Sciences Center, 3400 North Broad St., Philadelphia, Pa. 19140. *Equal Opportunity/Affirmative Action Employer.*

CSIRO

DIVISION OF CHEMICAL TECHNOLOGY SOUTH MELBOURNE, VICTORIA

RESEARCH SCIENTIST

CSIRO has a broad charter for research into primary and secondary industry areas. The Organization has approximately 6500 employees—2100 of whom are research and professional scientists—located in Divisions and Sections throughout Australia.

Field: Material Science.

General: The Division of Chemical Technology has a major research program on renewable resources which includes pulp and paper research. A new unit is being established for work on cellulosic synthetic polymer composites.

Duties: A material scientist with innovative ability is required for this unit. Experience in the development of manufacturing processes for fiber-reinforced plastics and in dry-forming techniques would be an advantage.

Qualifications: A Ph.D. degree in an appropriate field or equivalent qualifications and demonstrable research ability.

Salary: The appointment will be made within the salary ranges of Senior Research Scientist or Principal Research Scientist: \$13,992 to \$19,257 per annum. An applicant with extensive experience in this field may be considered for appointment at a higher level.

Tenure: This position is available for an indefinite period and carries Australian Government Superannuation benefits subject to normal conditions.

Applications, stating full personal and professional details, the names of at least two referees, and quoting reference number 585/24, should reach

The Chief
Division of Chemical Technology
CSIRO
P.O. Box 310
South Melbourne, Vic. 3205
Australia

by 24 February 1975.

TEACHING AND RESEARCH ASSISTANTSHIPS

Available September 1975 to qualified Ph.D. candidates in Biochemistry-Biophysics. Write to Chairman, Department of Biochemistry-Biophysics, University of Hawaii, Honolulu, Hawaii 96822. *An Equal Opportunity Employer.*

VETERINARY IMMUNOLOGIST. The Department of Medical Microbiology, College of Veterinary Medicine, University of Georgia, has a position available at the Assistant Professor level. Prerequisites include a D.V.M. degree or equivalent and advanced academic degree (Ph.D.) in immunology, or a Ph.D. degree with research experience in immunology. Duties will include teaching in the professional curriculum and the graduate program, and development of a research program. Interested applicants should forward curriculum vitae to Dr. J. B. Gratzek, Head, Department of Medical Microbiology, College of Veterinary Medicine, University of Georgia, Athens, Georgia 30602. *The University of Georgia is an Equal Opportunity/Affirmative Action Employer.*

POSITIONS OPEN

University of Wisconsin—Madison. SCIENTIFIC GLASSBLOWER. Applications are invited from scientific glassblowers who have experience in the fabrication of research glass apparatus for chemical applications. *The University of Wisconsin is an Affirmative Action/Equal Opportunity Employer and welcomes applications from women and minority candidates.* Applications, including résumé and three references, should be sent to Dr. D. F. Gaines, Department of Chemistry, The University of Wisconsin—Madison, 1101 University Avenue, Madison, Wisconsin 53706.

SOIL SCIENTIST

Senior Staff Position available at Argonne National Laboratory for established Soil Chemist or Soil Biologist with broad background in terrestrial ecology. Responsibilities of the position will be: (i) To develop a strong research program on some aspect of the impact, or use, of energy production on natural and/or agricultural ecosystems, (ii) To provide overall leadership for the terrestrial ecology program at Argonne. For additional information, send résumé to Mr. Ronald A. Johns, Personnel Division, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, Illinois 60439. *An Equal Opportunity Employer, M/F.*

VETERINARIAN

A position will be available in spring of 1975 for a Veterinarian with laboratory animal experience and research interests. Applicants with demonstrated abilities should submit a curriculum vitae and bibliography, a brief outline of their proposed research program, and names of three referees to: Department of Biochemistry, Brandeis University, Waltham, Mass., 02154, attention of Dr. J. Lowenstein. *Brandeis University is an Equal Opportunity Affirmative Action Employer.*

VETERINARIANS

Associate Professor—Pathology. D.V.M. and graduate degree (Ph.D. preferred) required. Training in investigations of the pathogenesis of viral diseases pertaining to the immunologic system, advanced training in cellular and humoral immunity, avian histopathology and virology, and teaching experience. Résumé to Dr. R. W. Leader, Box U-89, University of Connecticut, Storrs, Connecticut 06268. *An Equal Opportunity Employer.*

ZOOLOGIST

Responsibility includes teaching a two-quarter course covering the comparative embryology and morphology of the chordates, a one-term course in vertebrate histology, and contributing to our course in general zoology. Pursuit of research, participation in committees, and advising students are also expected.

A doctorate is presumed. Appointment will be to the rank of Assistant Professor at \$11,500 for a 9-month academic year starting 1 September 1975.

Please send curriculum vitae and names and addresses of references before 1 March to:

J. Frank Cassel, Chairman
Zoology Department
North Dakota State University
Fargo, North Dakota 58102

NDSU is an Affirmative Action/Equal Opportunity Employer, and encourages applications from any academically qualified person.

TRAINING SESSION

Two-Week Session in Transmission and Scanning Electron Microscopy for Biologists, 16 to 27 June. Lectures and laboratory experience in TEM and SEM, demonstrations of freeze-fracture and freeze-etch techniques. Guest lecturers in uses of electron microscopy in specific research problems. Maximum enrollment of 12. Tuition, room, and board: \$1200. For information and application form, write to: Dr. Eve L. MacDonald, Director, Wilson College Institute for Electron Microscopy (Continuing Education Program), Chambersburg, Pa. 17201.

FELLOWSHIPS

PREDOCTORAL FELLOWSHIPS IN PHYSIOLOGY leading to the Ph.D. degree: State-supported stipends of \$3960 per year available. Modern research facilities in membrane, cardiovascular, respiratory, renal, neuro, endocrine, and comparative physiology. Attractive coastal environment. Deadline: 1 March 1975. Write Chairman, Department of Physiology, Medical University of South Carolina, Charleston, S.C. 29401. Selection of candidates based solely on merit.

FELLOWSHIPS

NEUROPROSTHESES PROGRAM

Two-year postdoctoral fellowship immediately available. Previous training in animal surgery, neurophysiology, and electronics required. Project involves collaboration with electrochemist and electron microscopist on the effects of chronic stimulation of the central nervous system. An opportunity to join an interdisciplinary group involved in basic biological and engineering research. Send curriculum vitae and references to: Dr. Larry J. Stensaas, Department of Physiology, University of Utah Medical School, Salt Lake City, Utah 84132. *An Equal Opportunity/Affirmative Action Employer.*

POLYMER SCIENCE AND ENGINEERING UNIVERSITY OF MASSACHUSETTS

Research fellowships up to \$4500 are available for September 1975, for students interested in obtaining an advanced degree in synthesis and characterization of polymers, physical chemistry of synthetic and biopolymers, as well as morphology and solid-state properties of high polymers and polymer processing.

Applications for qualified students should be addressed to: Dr. Otto Vogl, Polymer Science and Engineering, University of Massachusetts, Amherst, Massachusetts 01002. *An Equal Opportunity and Affirmative Action Employer.*

TUTORIAL PROGRAM

Students will be accepted into a tutorial program in **COMPARATIVE BIOLOGY AND BIOCHEMISTRY OF ALGAE** scheduled from 23 June to 3 August 1975 at the Marine Biological Laboratory, Woods Hole, Mass. 02543, to acquaint them with the organisms and the types of questions they can be used to answer. A series of coordinated seminars by experts in algal physiology, biochemistry, genetics, development, ecology, macro, micro and molecular morphology, and related subjects with evolution serving as the unifying concept serves to introduce problems of current importance and future potential while the laboratory provides lectures, projects and field experience in the taxonomy, morphology and ecology of algal groups, enrichment of microalgae, and experimental work on the physiology, biochemistry, and development of individual organisms. Several scholarships will be awarded based on talent and need. Catalogs and applications can be obtained from MBL (address above) and should be returned to the Laboratory, together with supporting materials, by 1 March 1975.

SUMMER RESEARCH

Applications are invited for ten summer positions as junior investigators in an NSF-sponsored research program in **EXPERIMENTAL MARINE BOTANY** scheduled from 2 June to 29 August 1975 at the Marine Biological Laboratory, Woods Hole, Mass. 02543, from individuals having research experience equivalent to students in graduate or postdoctoral positions in biology and biochemistry. Projects of the senior investigators in this program include studies (in algal systems) of: chromatic adaptation and photosynthetic efficiency, sulfate metabolism including biosynthesis of sulfated polysaccharides and cell wall differentiation, chloroplast development, buoyancy mechanisms, hormonal control of sexual differentiation in algae including isolation and characterization of glycoprotein sexual inducers, and so forth. Travel and per diem expenses will be provided. Application forms and catalogs can be obtained from MBL (address above). Send completed forms with references to reach Dr. Jerome A. Schiff, Biology Department, Brandeis University, Waltham, Mass. 02154, before 1 March 1975.

MARKET PLACE

ADDITIONAL INCOME

An unusual opportunity is available for qualified professionals in Biology, Chemistry or related fields to gain significant extra income without significant distraction from other interests. We are a highly successful organization preparing med school applicants for the MCAT exam each May and October in 12 locations nationwide, and expanding. Applicants should have experience teaching biology or chemistry and enjoy functioning autonomously (with our expert guidance and materials). Call collect (201) 677-9330, or write: Dr. L. Sutton, MCAT Review Course, 33 Evergreen Pl., East Orange, New Jersey 07018.

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
Quite an offer. Particularly when you consider that this is no ordinary pipettor. It's both accurate and

reproducible. Which means that you set the lambda gauge, then deliver exactly the same amount of liquid every time. (Until you re-set the gauge).

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253388	Thymidine [methyl ³ H]	40,000-60,000	70./5 mCi 300./25 mCi
³ H-Triphosphates			
143309	Adenosine 5' Triphosphate [8- ³ H]	12,000-25,000	\$40./1 mCi 165./5 mCi
143339	Cytidine 5' Triphosphate [5- ³ H]	5,000-15,000	40./1 mCi 165./5 mCi
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143390	Uridine 5' Triphosphate [5- ³ H]	10,000-25,000	40./1 mCi 165./5 mCi
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243334	Deoxycytidine 5' Triphosphate [5- ³ H]	15,000-30,000	40./1 mCi 165./5 mCi
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243395	Thymidine 5' Triphosphate [methyl- ³ H]	>40,000	40./1 mCi 165./5 mCi
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312231	Glycine ¹⁴ C (U)	95-100	\$60./500 uCi 110./1 mCi
312241	L-Leucine ¹⁴ C (U)	270-320	170./500 uCi 320./1 mCi
312245	L-Lysine ¹⁴ C (U)	270-300	170./500 uCi 320./1 mCi
312249	L-Phenylalanine ¹⁴ C (U)	405-495	170./500 uCi 320./1 mCi
312251	L-Proline ¹⁴ C (U)	225-265	170./500 uCi 320./1 mCi
312259	L-Tyrosine ¹⁴ C (U)	405-495	170./500 uCi 320./1 mCi
312261	L-Valine ¹⁴ C (U)	225-265	140./500 uCi 300./1 mCi

**Offer expires
March 15, 1975**



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