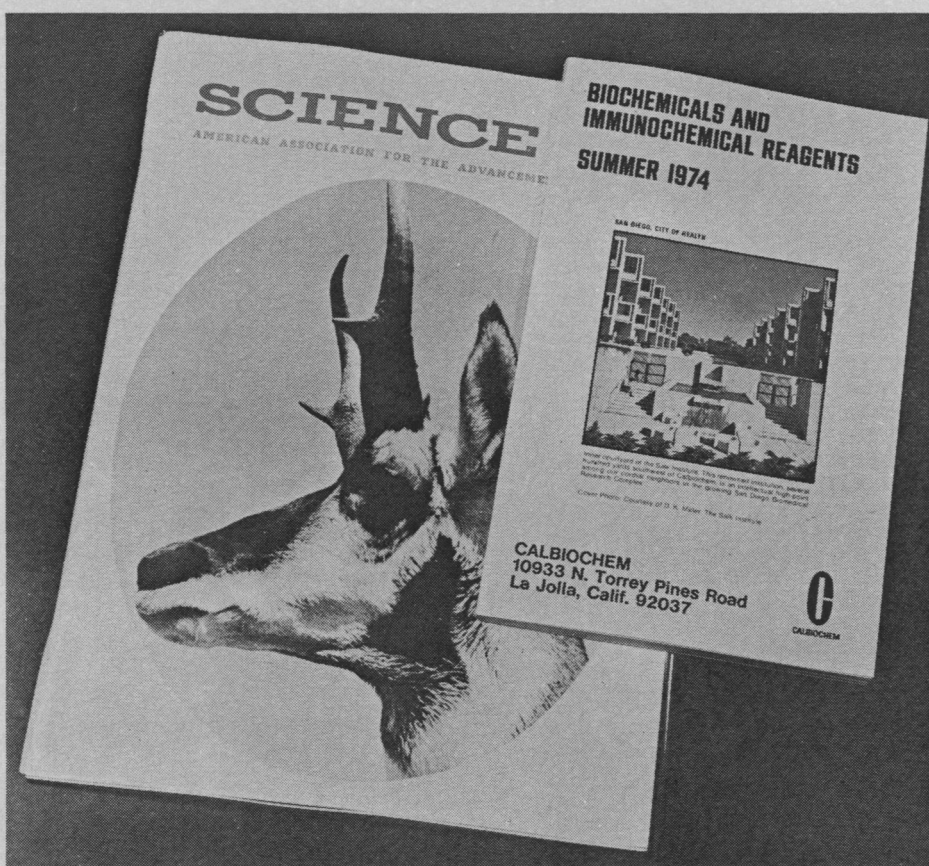
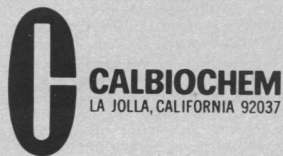


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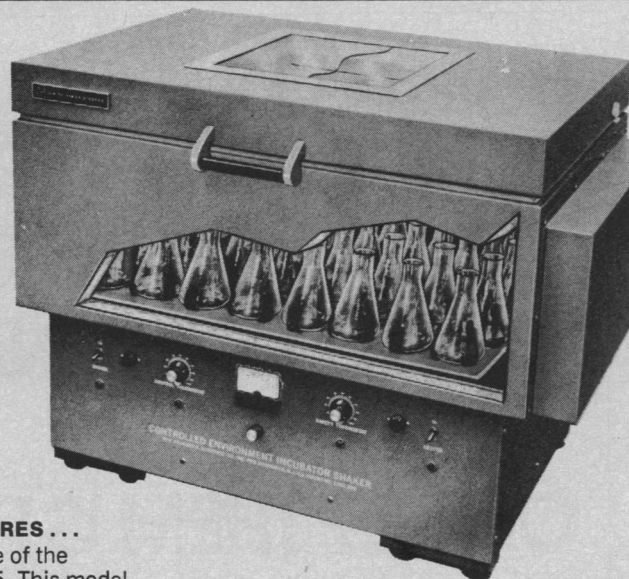


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Personnel Placement

POSITIONS WANTED

Behavioral (Biological) Sciences. Ph.D., June 1975. Research interests: biological constraints on learning (published); operant (learning) theory; behavior modification (clinical and normal group populations); (neuro)physiology. Teaching: university experience (acclaimed), program development research. Technical: Statistics; digital electronics, computer systems design, programming, and (lab) interfacing. Preference: teaching-research, possible clinical opportunities. Box 543, SCIENCE. X

Biochemist. Ph.D. Biological psychiatry, neurochemical action of psychotropic drugs. Established research program, publications. Research with/without teaching wanted. Box 554, SCIENCE. X

Biochemist. Ph.D., 1971, postdoctoral experience in cell-free protein synthesis (2 years) and human interferon (2 years). Publications, grant. Current research into events regulating interferon induction. Seeks teaching/research position. Available June 1975. Box 544, SCIENCE. X

Biochemist. Ph.D., 1969. Publications. Enzymes purification, kinetics, modification sequence of amino acids and crystallization. Organic synthesis. Enzymic catabolism of S-adenosylmethionine in mammalian system. Radioisotope methodology. Industrial or academic position. 3091 Evergreen Road, Pittsburgh, Pennsylvania 15237. X

Biochemist, Microbiologist, Cell Biologist. Ph.D., 1971. Tissue and cell culture. Morphogenesis. Three year postdoctorate on isolation, characterization and immunological properties of antigenic glycoproteins, polysaccharides; nucleic acids; enzymes. Seeks research position and/or teaching. Box 545, SCIENCE. X

Biologist. Ph.D., 1968. Experienced, idealistic, enthusiastic teacher wants to be part of team devoted and working to provide the best possible educational programs in biology for undergraduate and/or graduate students. An outstanding educator. Experienced in teaching numerous courses in classical and modern biology. Might consider part-time administrative position where leadership is needed. Box 546, SCIENCE. X

Biostatistician. M.S. Four years as consulting statistician and engineer in management position. Strong background in biological and medical applications. Seeks position in biological, medical, pharmaceutical research. Box 547, SCIENCE. X

Clinical Oncologist/Immunologist. M.D., Ph.D. (immunopathology). Board eligible internist/oncologist (to certify 1975). Completing fellowship in July. Desires position in stimulating private or university-associated practice, with opportunity to do lab or clinical investigation. Anywhere in United States or Canada. Box 537, SCIENCE. 12/13

Position in **Cytogenetics** laboratory work desired. B.A. in education. Four years experience in human cytogenetics—research and clinical. C. Klein, 340 East 38 Street, No. T3, Indianapolis, Indiana 46205. X

General, Molecular Biology. Ph.D., 1965. Teaching experience: general, genetics, microbiology, biochemistry, cellular biology, environmental, marine biology. Research: bacterial viruses, apiculture. Prefer opportunity student-faculty interaction. Box 549, SCIENCE. X

Immunologist-Immunochemist. Tenured faculty member seeks more challenging position. Very extensive research, teaching and management experience. Academia preferred, governmental or industrial research not excluded. Box 550, SCIENCE. X

Microbiologist. Ph.D., NIH postdoctoral, currently 2 years of industrial experience in dental research. Experience in teaching, research and text publications, science management, regulatory affairs. Desires challenging position in academics or industry. Box 551, SCIENCE. X

Nutritional Biochemist. Ph.D., 1956. Interests: lipids, antioxidants, aging, hepatotoxins, neurochemistry, clinical nutrition and metabolic ward direction. Teaching and administrative experience, publications, grants. Box 552, SCIENCE. 12/20

SCIENCE, VOL. 186

POSITIONS WANTED

Entomologist/Biologist/Pesticides. Ph.D. Strong chemistry background; over 40 publications, desires teaching, research or industrial position. Box 548, SCIENCE. X

Science Writer. B.S. (education). Equivalent Ph.D., special talent, author of copyrighted science book, traveled extensively in America and abroad. Writes interesting and useful articles. Desires position. Box 2211 East Washington Street, Suffolk, Virginia 23434. X

Terrestrial Plant Ecologist. Ph.D. 1973. Teaching and/or research. Publications. Experience teaching botany, environmental biology. Ten years as graduate engineer: systems and time-series analyses, instrumentation. Box 553, SCIENCE. X

POSITIONS OPEN

TWO ASSISTANT PROFESSOR POSITIONS in biology available for September 1975: (i) Physiologist with research in neurophysiology and cellular function to teach undergraduate and graduate courses in general and vertebrate physiology. (ii) Biologist with knowledge of higher organisms, and research/teaching interest in development stressing cellular and molecular aspects. Ph.D. required; teaching experience, especially in general biology, is highly desirable. Please send curriculum vitae, reprints, and names of three references to: **Dr. Donald J. Plocke, Chairman, Department of Biology, Boston College, Chestnut Hill, Mass. 02167.** Application deadline: 15 January, 1975. *Boston College is an Equal Opportunity/Affirmative Action Employer; women and members of minority groups are encouraged to apply.*

ASSISTANT PROFESSOR, Ph.D. AEROSOL CHEMIST AND PHYSICIST

To interface with respiratory exposure experiments. Research involves application of atmospheric aerosol parameters to respiratory experiments. Must have experience and continuing interest in atmospheric chemistry. Experience in control and in situ measurement of aerosol concentration and size distribution, temperature, relative humidity required. Send résumé to: **Dr. R. Frank, Department of Environmental Health SC-34, University of Washington, Seattle, Washington 98195.** *An Affirmative Action/Equal Opportunity Employer.*

University of Pennsylvania has two openings at **ASSISTANT PROFESSOR** level. A social psychologist is preferred for one of these; candidates in any other field of psychology will be considered for the second. Candidates must have outstanding research potential and teaching capability. Send curriculum vitae, statement of research plans, and all relevant papers and have three letters of recommendation sent to **Search Committee B, Department of Psychology, University of Pennsylvania, Philadelphia, Pennsylvania 19174.**

ASSISTANT/ASSOCIATE PROFESSOR OF FORESTRY

Teaching and research in systems of timber harvesting, regeneration, and forest tending with emphases on mechanization and associated economics. Direct applications to **Dr. C. B. Davey, Department of Forestry, North Carolina State University, P.O. Box 5488, Raleigh, N.C. 27607.** *An Equal Opportunity/Affirmative Action Employer*

ASSISTANT PROFESSOR OF BIOCHEMISTRY. Applications are invited for a faculty position in the Biochemistry Department, University of California, Riverside. The department wishes to broaden research and teaching in the molecular aspects of biochemical endocrinology, hormone action, or cell differentiation. Applicants must have the Ph.D. or equivalent degree and have demonstrated competence in independent research. The position is available 1 July 1975. Send curriculum vitae, including bibliography and the names of three references, to: **Chairman, Department of Biochemistry, University of California, Riverside, Calif. 92502.** *An Equal Opportunity/Affirmative Action Employer.*

ASSISTANT RESEARCH BIOMEDICAL ENGINEER

Grant supported research position open in Cardiovascular Research Institute, University of California, San Francisco. Applications especially invited from women and ethnic minority persons with Ph.D. and/or M.D. degree to work full-time in development and application of non-invasive cardiopulmonary methods in clinical physiology. The salary is according to University scale (at present \$15,108 per annum). Send curriculum vitae and three references to **M. B. McIlroy, 1315-M, University of California, San Francisco, California 94143.**

POSITIONS OPEN

AQUATIC INVERTEBRATE ECOLOGIST

The Department of Biological Sciences at Northern Illinois University in DeKalb, Illinois, announces the position of Aquatic Invertebrate Ecologist to be filled by mid-August 1975. Candidates with strength in population or community studies are desired. Rank will be that of Assistant Professor, with salary commensurate with experience.

The teaching assignment will include a course in Invertebrate Zoology for juniors and seniors and the development of a graduate-level course in Aquatic Ecology. Preferably the candidate should have postdoctoral research and/or teaching experience. Evidence of ability to maintain an active research program in the ecology of aquatic invertebrates must be exhibited.

Application deadline: 15 January 1975.

Northern Illinois University is an Equal Opportunity, Affirmative Action Employer.

ASSISTANT PROFESSORSHIP IN ANATOMY is vacant at George Washington University Medical Center effective 1 July 1975. The responsibilities include teaching of Gross Anatomy and research in embryology. All applicants should have the M.D. or Ph.D. degree in anatomy. Candidates should submit application in writing to **Dr. Richard Snell, Department of Anatomy, George Washington School of Medicine, 2300 I Street, NW, Washington, D.C. 20037.**

ASSISTANT PROFESSOR OF BIOLOGY LEHIGH UNIVERSITY

Teaching and research appointment in **Developmental Biology** to begin September 1975. Duties will include teaching of vertebrate anatomy and other undergraduate and graduate courses, independent scholarly research, and supervision of M.S. and Ph.D. candidates. Selection criteria will include evaluation of the candidates' potential for sustained high quality research and teaching. *Lehigh University welcomes women and minority-group applicants.* Submit curriculum vitae, reprints, a summary of research plans, and names of three referees before 15 January 1975 to **Dr. Barry Bean, Department of Biology, Lehigh University, Bethlehem, Pa. 18015.**

The Department of Civil Engineering, University of Illinois at Urbana-Champaign, invites applications for an **ASSISTANT PROFESSORSHIP** in the area of **ENVIRONMENTAL ENGINEERING** with a specialty interest in aquatic biology and limnology. Applicants should have advanced training in biology (zoology), in particular with regard to population dynamics and/or toxicological effects of pollutants on aquatic organisms. Training and/or experience in water quality control is necessary. A Ph.D. degree is required.

Duties will include teaching appropriate undergraduate and graduate courses, including aquatic ecology. The successful candidate will be expected to develop and supervise research in his area of interest and guide graduate students in this area.

The University of Illinois is an Affirmative Action-Equal Opportunity Employer and encourages applications from members of minority groups and women.

Résumés should be addressed to **Dr. C. P. Siess, Head, Department of Civil Engineering, University of Illinois at Urbana-Champaign, Urbana, Illinois 61801.** Telephone (217) 333-3924.

BIOCHEMIST: Dental School faculty position requiring Ph.D. in biochemistry. Duties include teaching and research in Department of Oral Biology and in the Dental Research Institute. Preference will be given to those also having D.D.S. and/or experience in teaching and research in dentistry. Rank and salary commensurate with preparation and experience. *A Nondiscriminatory Affirmative Action Employer.* Send résumé to: **Office of the Dean, School of Dentistry, The University of Michigan, Ann Arbor, Michigan 48104.**

FACULTY POSITIONS: BIOCHEMISTRY

Applications invited for two Ph.D. teacher-investigators in restructured and expanding department. Rank and salary commensurate with qualifications. Both positions are regular faculty appointments which would (i) require teaching excellence with medical students and (ii) encourage independent research.

In reply, describe particular experience/interest, if any, in the following: coordination of a large-class laboratory program, automated gas chromatography, automated amino acid analyses, and clinical biochemistry.

Send to **Chairman, Department of Physiological Chemistry, Philadelphia College of Osteopathic Medicine, Spruce at 48th Street, Philadelphia, Pennsylvania 19139.**

POSITIONS OPEN

An **ASSISTANT PROFESSOR OF ANATOMY** to participate in teaching newly developed topic-oriented program, to develop an active independent research program, and to participate in group research studies when applicable. Send curriculum vitae and professional interests to **Dr. Daniel B. Harrington, Head, Division of Anatomy, Marquette University School of Dentistry, 604 North 16 Street, Milwaukee, Wisconsin 53233.** *Marquette University is an Equal Opportunity, Affirmative Action Employer.*

ASSISTANT PROFESSOR—ANIMAL VIROLOGY

Applications are invited for a position as Assistant Professor beginning 1 July or 1 September 1975. Candidates must possess a Ph.D. or M.D. degree, have at least 2 years of postdoctoral experience in animal virology and present evidence of scholarly achievement. Successful candidate will be expected to establish an independent research program and participate in instruction of undergraduate, graduate and medical students. Send curriculum vitae, recent reprints, and letters of recommendation to **Dr. G. P. Manire, Chairman, Department of Bacteriology and Immunology, University of North Carolina School of Medicine, Chapel Hill, N.C. 27514.**

The University of North Carolina is an Equal Opportunity/Affirmative Action Employer. Applications from women and minority candidates are welcome.

ASSOCIATE PROFESSOR OF BIOCHEMISTRY

A faculty position is open for an experienced teacher and investigator seeking an opportunity for advancement and independence. Duties consist of 50 percent undergraduate and graduate teaching and 50 percent research. Demonstrated interest and experience in integration and control of metabolic pathways is desirable. Send biographical data, publication list, research résumé and names of three references to: **Dr. W. A. Landmann, Department of Biochemistry and Biophysics, Texas A&M University, College Station, Texas 77843.** *An Equal Opportunity Affirmative Action Employer. Texas A&M University especially solicits applications from women and minority groups.*

UNIVERSITY OF CALIFORNIA, SANTA BARBARA DEPARTMENT OF BIOLOGICAL SCIENCES

Faculty Position. Effective 1 July 1975. Applications are sought from **POPULATION BIOLOGISTS** with research interests in such fields as evolutionary strategies, demography, behavioral ecology, community structure, and so forth. Any combination of field, laboratory, or theoretical orientation will be considered. Teaching is required at the undergraduate level in general ecology and at the graduate level in the area of the appointee's special interests. Rank and salary depending on qualifications and experience.

Applications with curriculum vitae, list of publications, names of references, summary of research interests, should be sent to: **Chairman, Department of Biological Sciences, University of California, Santa Barbara, California 93106.** Letters of reference should not be sent until requested. Applications from women and members of minority groups are encouraged. *The University of California is an Affirmative Action employer.*

UNIVERSITY OF CALIFORNIA, SANTA BARBARA, DEPARTMENT OF BIOLOGICAL SCIENCES, SECTION OF BIOCHEMISTRY AND MOLECULAR BIOLOGY

Senior and/or Junior Faculty Positions. At least one appointment, effective 1 July 1975. Applicants are sought with a strong potential for interaction with on-going research programs in biochemistry/molecular biology. Opportunities for such interaction would include research on membranes, animal viruses, genetic regulation, development, immune mechanisms, and/or neurobiology. Soundness and importance of research would be weighted more heavily than the precise nature of specialization. One appointee is expected to be oriented toward physical chemical concepts and methods. Teaching is required at the undergraduate level primarily in general biochemistry/molecular biology and at the graduate level in an area within the appointee's range of specialized competence.

Applications with curriculum vitae, list of publications, names of references, and summary of research interests, should be sent to: **Chairman, Department of Biological Sciences, University of California, Santa Barbara, California 93106.** Letters of reference should not be sent until requested. *Applications from women and members of minority groups are encouraged. The University of California is an Affirmative Action employer.*

POSITIONS OPEN

ASSISTANT PROFESSOR OF NEUROPHYSIOLOGY

Position available in the Department of Physiology, University of Michigan Medical School, for 1 July 1975. Candidates must have Ph.D. in mammalian neurophysiology or M.D. with equivalent neurophysiological training and at least 2 years of postdoctoral experience in research. Must have demonstrated ability to do independent research and to command extramural support for research program. Teaching and research duties about 50:50. Chief teaching duty is to share departmental responsibility for teaching human neurophysiology in a combined Neural and Behavioral Sciences course for first- and second-year medical students. Send curriculum vitae and description of research plans to: **H. W. Davenport, Chairman, Department of Physiology, The University of Michigan, Ann Arbor, Michigan 48104. A Non-discriminatory Affirmative Action Employer.**

BIOENGINEER. Faculty position available for an individual having qualifications and interests which, taken alone, would justify a primary appointment either in physiology or in engineering. Balance research and teaching opportunities. Salary and rank depends upon training and experience. Applicants should send curriculum vitae and references to: **Dr. F. W. Zechman, Department of Physiology and Biophysics, College of Medicine, University of Kentucky Medical Center, Lexington, Kentucky 40506.** Deadline for receipt of applications is 30 days from publication. *An Equal Opportunity/Affirmative Action Employer*

BIOLOGISTS—BOTANY, ANIMAL PHYSIOLOGY, GENETICS, and INVERTEBRATE BIOLOGY. Assistant or Associate level. Fall 1975 or 1976. Collateral interests in histology/cytology, developmental biology, marine or estuarine biota, or behavior of special concern. Inquiries and curriculum vitae to **Biology Search Committee, Bates College, Lewiston, Maine 04240. Equal Opportunity/Affirmative Action Employer.**

BIOLOGISTS

Applications are invited for two permanent positions at the Assistant Professor level. One appointment will be for a marine biologist, and the other will be for a microbiologist or a geneticist. Doctorate and an active interest in both teaching and research required. Send applications to: **Dr. G. C. Webster, Department of Biological Sciences, Florida Institute of Technology, Melbourne, Florida 32901.**

DEPARTMENT OF BIOLOGY, REED COLLEGE. A junior faculty position for a recent Ph.D. in **ANIMAL POPULATION BIOLOGY-ECOLOGY** with competence in mathematical modeling will be available in September 1975. Applicants must demonstrate a potential for excellence in teaching and research. Résumés and three letters of reference should be sent to: **Dr. L. N. Ruben, Department of Biology, Reed College, Portland, Oregon 97202, by 15 February 1975. Reed is an Equal Opportunity Employer.**

CHAIRPERSON, DEPARTMENT OF ZOOLOGY, UNIVERSITY OF RHODE ISLAND. We are continuing our search, initiated last year, for a Chairperson of the Department of Zoology. We seek an individual with interest and experience in administration and a strong commitment to research and teaching. Appointment is for Associate or Full Professor. Salary is competitive. New applicants should request details concerning the department and method of application from **Dr. C. Robert Shoop, Search Committee Chairman, Department of Zoology, University of Rhode Island, Kingston, R.I. 02881. An Equal Opportunity/Affirmative Action Employer.**

DEPARTMENT CHAIRPERSON for the Department of Biology, Central Michigan University. Faculty of 25 with diverse interests offer strong undergraduate and master's level graduate program. Applicants should have Ph.D. in Biology, teaching and research experience, and demonstrated administrative potential. Send résumé to **Search Committee, Biology Department, Central Michigan University, Mt. Pleasant, Michigan 48859, by 15 February.**

POSITIONS OPEN

BOTANIST SPECIALIZING IN PLANT PHYSIOLOGY. Swarthmore College, a small liberal arts college, has an opening at the rank of Assistant or Associate Professor for September 1975 for a person with both a broad botanical training and special competence in plant physiology. Preference is for a physiologist whose orientation is organismal or environmental. A strong second field in plant sciences is desirable. Duties include undergraduate teaching and research. Inquiry should include curriculum vitae and a statement of interests. Do not send complete credentials until requested. **Norman A. Meinke, Chairman, Department of Biology, Swarthmore College, Swarthmore, Pennsylvania 19081. Swarthmore College is an Equal Opportunity Employer.**

CHAIR OF PHYSIOLOGY TEXAS TECH UNIVERSITY SCHOOL OF MEDICINE

Applications and nominations are invited for the above position. It is expected that the above person should have a broad background in physiology and be able to blend the clinical and basic sciences. The applicants should be seriously interested in medical education and be able to perform the teaching and research functions usually expected in such a position.

Interested individuals please contact:

**Dr. Robert Merrill
Chairman of Physiology Search Committee
Department of Pediatrics
Texas Tech University School of Medicine
P.O. Box 4569
Lubbock, Texas 79409**

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DEAN UNIVERSITY OF MINNESOTA, DULUTH SCHOOL OF MEDICINE

Applications from and nominations of qualified individuals are invited for the position of Dean of the School of Medicine at the Duluth Campus of the University of Minnesota. Applications must include a complete curriculum vitae and bibliography. *The University of Minnesota is an Equal Opportunity/Affirmative Action Employer.* Applications from women and members of minority groups are encouraged. Please address correspondence to: **Chairpersons, Search Committee, School of Medicine, University of Minnesota, Duluth, 2205 East Fifth Street, Duluth, Minnesota 55812.**

POSITIONS OPEN

CLINICAL MICROBIOLOGIST (Ph.D.) CANADA

The Hamilton District Program in Laboratory Medicine requires a Clinical Microbiologist to be located at the Hamilton General Hospital. The appointee should possess a Ph.D. in Clinical Microbiology. Training and experience in mycology would be an advantage. The appointment entails responsibilities in the supervision of the clinical laboratory and teaching in the Microbiology-Infectious Disease Educational Programs of the Faculty of Health Sciences, McMaster University, and the District Program in Laboratory Medicine. Facilities for research are available. The position carries an appointment in the Department of Pathology, McMaster University, appropriate to qualifications and experience. Send applications, enclosing curriculum vitae, transcript, and the names of three referees, to: **Dr. I. O. Stewart, Head of Microbiology, and District Coordinator for Microbiology/Infectious Disease, Hamilton General Hospital, Hamilton, Ontario L8L 2K2, Canada.**

DEAN

SCHOOL OF ALLIED HEALTH SCIENCES HEALTH SCIENCE CENTER SAN ANTONIO

Nominations and applications are invited for the position of Dean, School of Allied Health Sciences, University of Texas Health Science Center, San Antonio. The position will entail the organization of the school and initiating programs and coordinating activities with other schools of the University of Texas Health Science Center and the University of Texas at San Antonio, as well as other educational institutions in the area. Qualifications include a doctoral degree or equivalent experience with evidence of strong administrative academic ability and leadership in the field of allied health. Curriculum vitae and nominations should be sent to:

**Dr. Frank Townsend
Chairman of the Search Committee for the
Dean of the School of Allied Health Sciences
The University of Texas Health Science Center
7703 Floyd Curl Drive
San Antonio, Texas 78284**

An Equal Opportunity/Affirmative Action Employer

In accordance with policy of Stanford University, the Department of Dermatology of Stanford University School of Medicine invites applications for qualified candidates in the field of **DERMATOLOGY.** Candidates must have passed the Dermatology Boards, as well as completed training in dermatology at an accredited institution. Additional specialty training, including research experience, is desirable.

Stanford University has a faculty affirmative action program. Interested candidates are requested to submit their curriculum vitae to **Dr. Eugene M. Farber, Professor and Chairman, Department of Dermatology, Stanford University School of Medicine, Stanford, California 94305.**

UNIVERSITY OF ILLINOIS SCHOOL OF CLINICAL MEDICINE URBANA-CHAMPAIGN

POSITION OPENING

DIRECTOR OF CLINICAL NUTRITION: To develop program in clinical nutrition with responsibility for health science student education, graduate program development, research, and collaboration with campus-wide interests in nutrition; will also participate in medical school curriculum development.

SALARY: Open. M.D. required; M.D.-Ph.D. preferred; full professional rank for qualified individual.

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Address correspondence to **MORTON C. CREDITOR, M.D., ASSOCIATE DEAN, UNIVERSITY OF ILLINOIS COLLEGE OF MEDICINE, 1205 W. CALIFORNIA, URBANA, ILLINOIS 61801.**

The University of Illinois is an AFFIRMATIVE ACTION-EQUAL OPPORTUNITY EMPLOYER and encourages applications from members of minority groups and women.

POSITIONS OPEN

DEAN FOR UNDERGRADUATE STUDIES

Stony Brook invites nominations and applications for the newly created position of Dean for Undergraduate Studies, a major post designed to enhance the intellectual integrity and coherence of undergraduate education. This Dean directs the Center for Curriculum Development and the staff and resources of an existing Office of Undergraduate Studies. The Dean will participate in formulation of academic policy and corresponding resources and personnel decision.

Please direct all correspondence to

James B. McKenna, Chairman, Search Committee
State University of New York at Stony Brook
Stony Brook, New York 11794

Stony Brook is an Equal Opportunity/Affirmative Action Employer.

DIRECTOR, CENTER FOR ADVANCED MEDICAL TECHNOLOGY

Faculty position in CAMT, Division of Biology, San Francisco State University, is available immediately. Administrative (¾ time) and teaching (¼ time) duties. **Qualifications:** Laboratory and administrative expertise in one or more disciplines of clinical laboratory science; M.D., Ph.D., or master's degree with at least 5 years of appropriate experience. **Salary:** Assistant to Associate level, based upon background. Send curriculum vitae and three letters of reference to **Remo Morelli, Ph.D., Search Committee, Center for Advanced Medical Technology, San Francisco State University, San Francisco, California 94132.** Deadline for applications: 15 January 1975.

A Nondiscriminatory Affirmative Action Employer

UNIVERSITY OF SOUTH CAROLINA FACULTY POSITIONS IN BIOCHEMISTRY

The University of South Carolina invites applications from individuals interested in establishing a vigorous research program and participating in departmental teaching activities.

Candidates should desire involvement in a growing department, have a commitment to the teaching of medical and graduate students, and be open to the possibility of nontraditional teaching methods.

Preference will be given to a staff with a research background in metabolism, membranes, immunochemistry, and developmental biochemistry.

Outstanding applicants in other specialties at any rank will also be considered in its newly authorized MEDICAL SCHOOL which is to be established in affiliation with the Columbia Veterans Administration Hospital under the authority of the Veterans Administration Medical School Assistance and Health Manpower Training Act of 1972. Letters of application or nomination should include a curriculum vitae. Candidates should possess a medical degree and/or a doctoral degree in their specialty. *The University of South Carolina is an Equal Opportunity/Affirmative Action Employer.*

Correspondence should be addressed to

John B. Harley, M.D., Dean
School of Medicine
University of South Carolina
Columbia, South Carolina 29208

FACULTY POSITION

Applications are invited for a faculty appointment in the Department of Medical Microbiology, College of Medicine, at the assistant professor level. Responsibilities include teaching medical virology, immunology, or the properties and control of infectious agents for graduate and medical students. Research may be in areas other than those represented by the teaching assignment, but should be fundamental biochemical or genetic studies in areas of immunology or microbiology with medical orientation. Applicants with substantial training or research experience in several areas of biochemistry and microbiology are preferred. Postdoctoral experience is required. Candidates would be expected to develop a strong research program. *Applications from women and minority group candidates are encouraged.* Send curriculum vitae and references to:

Dr. Paul S. Sypherd
Department of Medical Microbiology
College of Medicine
University of California, Irvine
Irvine, Calif. 92664

POSITIONS OPEN

ELECTRON MICROSCOPIST-BIOLOGIST with interest in exploiting capabilities of a state of the art high-resolution (2.5 angstroms) Scanning Transmission Electron Microscope (STEM) nearing operational status at Brookhaven National Laboratory. Desirable prerequisites include experience in high-resolution transmission microscopy, background in biophysics, experience in specific heavy atom labeling, interest in developing new techniques, and knowledge of computer use. A primary interest in utilizing the STEM for problems of biology is essential. Applicants for an appointment at the level of Assistant Professor should send curriculum vitae and three references to: **Dr. Myron C. Ledbetter, Biology Department, Brookhaven National Laboratory, Associated Universities Inc., Upton, Long Island, N.Y. 11973.** *An Equal Opportunity Employer M/F.*

ENERGY SYSTEM IMPACT ANALYSTS

Biomedical and environmental assessment group seeks experienced investigators to participate in its continuing assessment of health and environmental effects of current and proposed energy systems. Candidates should possess a Ph.D. or equivalent and strong previous research experience with demonstrated abilities in the quantitative solution of system problems. Positions are immediately available for:

- **WATER QUALITY MODELER** with background in physical transport, thermal effects, stream acidification, and heavy metals.
- **SYSTEMS ECOLOGIST** with primary experience in marsh and aquatic zoology.

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Biomedical and Environmental
Assessment Group
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EXECUTIVE SECRETARY

The **International Great Lakes Fishery Commission**, concerned with sea lamprey control and general research and management of fish stocks, seeks a senior fishery administrator, university graduate, minimum of 10 years of fishery experience to administer the Commission Office and act as coordinating and liaison officer in dealing with operating agencies. Salary \$30,000 upward, negotiable depending on qualifications. Further details available from **Great Lakes Fishery Commission, 1451 Green Road, P.O. Box 640, Ann Arbor, Michigan 48107.**

POSITIONS OPEN

DEANSHIP COLLEGE OF VETERINARY MEDICINE UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Applications and nominations are invited for the position of Dean of the College of Veterinary Medicine. Applicants must possess a D.V.M. degree or its equivalent. A strong educational-research background, administrative experience, and evidence of leadership abilities are all prime requisites.

Applications with current résumés should be submitted to **Dr. Edward W. Voss, Jr., Chairman, Consultative Committee for the Deanship of the College of Veterinary Medicine, Department of Microbiology, 131 Burrill Hall, University of Illinois at Urbana-Champaign, Urbana, Illinois 61801.**

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

UNIVERSITY OF SOUTH CAROLINA

FACULTY POSITIONS IN

Pathology
Radiology
Internal Medicine
Family Medicine
Surgery
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Pediatrics
Community Medicine

OTHER POSITIONS INCLUDE:

Director of Animal Facilities
Director of Libraries
Assistant Director of Libraries
Assistant Dean for Business Affairs
Administrative Assistant to the Dean
Director of Admissions

The University of South Carolina invites applications from individuals interested in establishing a vigorous research program and participating in departmental teaching activities.

Candidates should desire involvement in a growing department, have a commitment to the teaching of medical and graduate students, and be open to the possibility of nontraditional teaching methods.

Outstanding applicants will be considered in its newly authorized MEDICAL SCHOOL which is to be established in affiliation with the Columbia Veterans Administration Hospital under the authority of the Veterans Administration Medical School Assistance and Health Manpower Training Act of 1972. Letters of application or nomination should include a curriculum vitae. Candidates should possess a medical degree and/or a doctoral degree in their specialty. *The University of South Carolina is an Equal Opportunity/Affirmative Action Employer.*

Correspondence should be addressed to

John B. Harley, M.D., Dean
School of Medicine
University of South Carolina
Columbia, South Carolina 29208

HEAD OF DEPARTMENT CELL AND DEVELOPMENTAL BIOLOGY THE UNIVERSITY OF ARIZONA

Applications are invited for the position of head of the Department of Cell and Developmental Biology. The Department is one of three within the biological sciences at the University of Arizona. Applicants should have leadership abilities, an excellent research record, and future growth potential, and should provide additional strength and expertise in areas that are in the forefront of modern biology. The new head will be expected to assume the position on about 1 July 1975.

The Department of Cell and Developmental Biology consists of a viable group of well-trained and motivated professionals of broad interest and expertise in cytology, cell physiology, molecular biology, developmental biology, neurophysiology, endocrinology, and plant physiology. The University is anticipating a significant expansion of the programs in cell and developmental biology and will be able to offer excellent research facilities and support.

Applications and inquiries should be directed to **Dr. George A. Dawson, Biological Sciences BSW 304, The University of Arizona, Tucson, Arizona 85721.** Applications, accompanied by curriculum vitae, bibliography, selected reprints, and names of three persons to whom reference may be made, should reach the above by 30 January 1975.

The University of Arizona is an Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

FACULTY POSITIONS AVAILABLE MEDICAL EDUCATION PROGRAM TEXAS A & M UNIVERSITY COLLEGE STATION, TEXAS 77843

Texas A & M University, in affiliation with Baylor College of Medicine, is currently developing a new Program in Medical Education. The 2-year preclinical course of instruction will be presented primarily on the TAMU campus. The clinical curriculum, occupying the third and fourth years, will utilize the faculty and facilities of the Baylor College of Medicine and its affiliated hospitals in Houston as well as the Veterans Administration Center and the Scott & White Clinic and Hospital in Temple, Texas. Training experiences under the guidance of physicians in private practice are planned, both in the pre-clinical and clinical years. A major emphasis of this Program will be the training of physicians who, by virtue of their background and educational experience, will be prepared for and attracted to medical practice in communities other than the larger metropolitan centers.

Qualified individuals with teaching experience in human anatomy, physiology, biochemistry, pathology, pharmacology, microbiology, and general medicine in a medical school setting are invited to make application. Letters of application should include a résumé of pertinent prior experience and may be directed to:

Dean of Medicine
Office of Medical Careers
Texas A & M University
College Station, Texas 77843

Texas A & M University is an Equal Opportunity/Affirmative Action Employer.

HERBARIUM CURATOR

The University of Oklahoma announces the availability of a position, effective July 1975, for Curator of the Bebb Herbarium. The Curator is responsible for the supervision and enhancement of all aspects of the Herbarium which now houses approximately 180,000 specimens. In addition, the Curator is expected to maintain an active research program in some area of taxonomy.

Candidates should have experience in the curatorial operations of a herbarium, have an interest in teaching in their area of specialty, conduct a research program, and be able to articulate the contributions of a large herbarium to current national needs.

A curriculum vitae and names of five references should be submitted by 1 February 1975 to: Dr. Paul G. Risser, Bebb Herbarium Curator Search Committee, 770 Van Vleet Oval, University of Oklahoma, Norman, Oklahoma 73069. An Equal Opportunity/Affirmative Action Employer.

NEUROPSYCHOLOGIST/ ELECTROPHYSIOLOGIST

Ph.D. or equivalent for position at assistant professor level. Duties include teaching at both graduate and undergraduate levels as well as establishment of vigorous research program. Position to be filled by September 1975. Send curriculum vitae and three letters of recommendation to Dr. John Fuller, Department of Psychology, State University of New York, Binghamton, New York 13901. An Affirmative Action/Equal Opportunity Employer.

PHYSIOLOGIST

Assistant Research Physiologist; Ph.D. with postdoctoral experience in exercise physiology, cardiovascular physiology, radioactive microsphere techniques, and physiologic instrumentation. Send résumé by 1 February 1975 to Dr. Colin M. Bloor, Department of Pathology, University of California, San Diego, La Jolla, California 92037. The University of California is an Equal Opportunity/Affirmative Action Employer.

PHYSIOLOGIST

Assistant or Associate Professor of Physiology to start as early as 1 July 1975. Neuroendocrinologist preferred with special interest in biosynthesis and structure of protein hormones to work collaboratively with well-established group. Successful candidate will be expected to participate in undergraduate and graduate teaching and to continue high quality research program. Applicants should send curriculum vitae and names of references to Dr. J. Kraicer, Department of Physiology, Queen's University, Kingston, Ontario, Canada.

POSITIONS OPEN

PHARMACOLOGY

The Department of Pharmacology and Therapeutics, Schools of Medicine and Dentistry, State University of New York at Buffalo, invites applications for a full-time faculty position as an Assistant Professor. Candidate must have a Ph.D. or M.D. degree and two or more years of research experience and publications. The candidate will be expected to teach medical, dental, and graduate students in the area of cardiovascular pharmacology.

Send curriculum vitae and request letters of recommendation to be sent from three persons to: Dr. Barbara Rennick, 122 Capen Hall, Box M, State University of New York at Buffalo, Buffalo, New York 14214. We are an Equal Opportunity, Affirmative Action Employer.

POSTDOCTORAL POSITIONS PENDING

Biochemist-physiologist to investigate biochemical aspects of nitrogen fixation.

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 with résumé and references to:

Professor Harold J. Evans
Department of Botany and Plant Pathology
Oregon State University
Corvallis, Oregon 97331

POSTDOCTORAL POSITION

To investigate the biochemical pharmacology of the heart. Applicants with backgrounds in pharmacology, biochemistry, organic chemistry, or electrophysiology will be considered. Send résumé and two letters of reference to: Dr. Ryan Huxtable, Department of Pharmacology, University of Arizona College of Medicine, Tucson, Arizona 85724. The University of Arizona is an Equal Opportunity Employer.

POSTDOCTORAL POSITION

Two-year fellowship training in Clinical Pharmacology. Send résumé and two letters of reference to:

Dr. Philip Walson
Department of Pharmacology
University of Arizona College of Medicine
Tucson, Ariz. 85724

The University of Arizona is an Equal Opportunity Employer.

POSTDOCTORAL POSITION

Current opening for federally funded research position in physics of liquid crystals. One-year commitment. Ph.D. in physics, applied physics, or materials science with related work in physics of liquid crystals or condensed matter required. Send curriculum vitae to Dr. R. B. Meyer, Division of Engineering and Applied Physics, Harvard University, Cambridge, Mass. 02138. An Equal Opportunity/Affirmative Action Employer.

PROGRAM DIRECTOR, BIOMEDICAL SCIENCES. The University of California, Riverside, has an opening for an individual to head a new Program in Biomedical Sciences. This special program leads to the M.D. degree in 7 years, and will use facilities and faculty at UC Riverside, the San Bernardino County Medical Center, and the UCLA School of Medicine. A more detailed description of the program will be sent to interested individuals. Applicants should have a doctorate in one of the biomedical sciences and experience in teaching premedical and/or medical students. They should have national and international reputation as researchers in a field of biomedical science with accomplishments compatible with an appointment as full professor at the University of California. They should have administrative experience equivalent to that of department chairman and, preferably, be familiar with teaching programs involving the participation of several academic units. Most importantly, the individual to be chosen must have the ability to interact effectively with colleagues both in the basic sciences and in clinical medicine, as well as with students and administrators alike. The appointment will be at the rank of Professor and Associate Dean at a salary commensurate with the qualifications and experience of the applicant.

The University of California is an Equal Opportunity and Affirmative Action Employer.

Applications should be made to the Vice Chancellor for Academic Affairs, University of California, Riverside, Calif. 92502.

POSITIONS OPEN

PLANT TAXONOMIST

The University of New Hampshire invites applications for an appointment at the rank of Assistant Professor, beginning 1 September 1975, from recent Ph.D.'s with broad training in modern techniques in angiosperm systematics. The candidates must have both teaching and research abilities. Applicants should send, before 31 January 1975, a curriculum vitae, transcripts, details of research interests, reprints, and the names and addresses of three people who are willing to write letters of reference to: Dr. Russell S. Kinerson, Jr., Chairman of Search Committee, Department of Botany and Plant Pathology, University of New Hampshire, Durham, N.H. 03824. An Equal Opportunity/Affirmative Action Employer.

PROFESSOR OF PUBLIC HEALTH (HEALTH CARE). Seeks M.D., Ph.D., or Dr. P.H., or equivalent degree. Should have broad view of Health Care with extensive research and teaching experience in such areas as primary care, insurance, quality care, and so forth. Evidence of work experience of health care in a position of high responsibility. Ability to offer courses and seminars in medical care at an advanced theoretical and conceptual level. The School is committed to a strong affirmative action policy. Submit curriculum vitae and publications to Professor William Griffiths, School of Public Health, University of California, Berkeley, California 94720.

PROFESSOR OF UROLOGY, Chief of Department of Urology, Tufts-New England Medical Center Hospital. M.D., board certified. Position requires a high order of scholarship and clinical and teaching abilities. Experience and demonstrated capability for research are highly desirable. Send curriculum vitae to John F. Sullivan, M.D., Chairman, Urology Search Committee, 171 Harrison Ave., Boston, Mass. 02111. Tufts University and the New England Medical Center Hospital are Equal Opportunity/Affirmative Action Employers.

CSIRO

DIVISION OF CLOUD PHYSICS SYDNEY, N.S.W.

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: NUMERICAL MODELING OF CLOUDS

General: The Division undertakes research into the factors governing natural precipitation processes and the ways in which these processes can be modified. It carries out laboratory investigations, and studies natural clouds in the field using its own extensively instrumented aircraft. A considerable amount of theoretical work is undertaken in association with this research. A Control Data 7600 computer is available for data processing and for numerical studies.

Duties: To set up and lead a small theoretical group whose aim will be to formulate numerical models of clouds from which predictions can be made of the effect of different environmental parameters on cloud growth and the development of precipitation. It will be regarded as essential to test the predictions against the behavior of real clouds and the applicant will be expected to determine means of carrying out such tests. Participation in the field testing would also be desirable.

Qualifications: A Ph.D. degree or equivalent qualifications in meteorology, physics, or applied mathematics together with demonstrated research ability and considerable experience in numerical modeling techniques and in computer programming. Prior experience in the development of cloud models is essential.

Salary: The appointment will be made within the salary ranges of Research Scientist or Senior Research Scientist: \$10,448 to \$15,456.

Tenure: An indefinite or a 3-year fixed-term appointment may be negotiated. An indefinite appointment carries Australian Government Superannuation Benefits.

Applications stating full personal and professional details, the names of at least two referees, and quoting reference number 425/22, should reach:

The Chief
Division of Cloud Physics
CSIRO
P.O. Box 134
Epping, N.S.W. 2121, Australia

by 29 December 1974.

THE UNIVERSITY OF MELBOURNE CHAIRS IN BIOLOGICAL SCIENCES

The retirement of Professor Michael J. D. White F.R.S., F.A.A., at the end of 1975 and the appointment of Professor Geoffrey Burnstock F.A.A. to the Chair of Anatomy in University College, London, will leave two chairs vacant in the biological sciences.

Applications for these chairs are invited from persons distinguished in research in any field of genetics or zoology or allied fields such as cell, developmental, or molecular biology or animal ecology.

SALARY: \$A19,614 per annum (under review).

Further information about the positions, 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 28 February 1975.

TECHNICAL DIRECTOR

AIR FORCE FOREIGN TECHNOLOGY DIVISION

The United States Air Force is searching for a technical manager with a broad engineering background to fill the top technical position in the Directorate of Engineering of the Air Force Systems Command's Foreign Technology Division at Wright-Patterson AFB, Ohio. A leader in the assessment of foreign technology, the mission of the Foreign Technology Division is to acquire, analyze, evaluate and report on foreign aerospace related scientific and technical information. The incumbent for this position is required to provide technical leadership to a professional workforce representing a wide variety of disciplines; including aerospace, electronic, mechanical and photogrammetric engineering; astronautics; physics; mathematics and digital computer programming.

The Technical Director:

- *Is the senior technical advisor to the Director of Engineering.
- *Provides technical leadership to all elements of the Directorate of Engineering.
- *Guides Directorate plans, programs and operations.
- *Formulates and develops advanced engineering and analytic techniques necessary to support the organization's continually developing mission.
- *Represents the Foreign Technology Division at the national level.

The incumbent will have established a national reputation in either aerospace research and development or scientific and technical intelligence. Although preference will be given the applicant possessing the earned Doctoral degree in a directly relevant field, exceptionally well-qualified applicants with the Masters degree are encouraged to apply.

Salary ranges from \$32,806 to \$36,000, depending on qualifications. Please send detailed resume' or Standard Form 171, specifying this position to:

ASD/DPCE

ATTN: Mr. Lowell Wagner
Wright-Patterson AFB, Ohio 45433

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toxicology group leader

The General Foods Technical Center has an immediate opening for a Group Leader in Toxicology Research. The candidate must have a Ph.D. in either Toxicology, Biochemistry, Pharmacology, or Physiology, with at least 5 years of work experience in the biological sciences with a significant portion of this period related to toxicology. The successful candidate will be expected to prepare project proposals, participate in laboratory research, keep project sponsors abreast of research progress and the application of research results and knowledge, and assist senior technical management in making toxicological assessments on matters of interest to the corporation.

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POSITIONS OPEN

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Full University academic positions in clinical, applied, and basic mental health research and teaching. Includes Biochemistry, Psychophysiology, Computer Applications, and others. Midwest psychiatric institute. Write

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PSYCHOLOGIST

Postdoctoral position available in September 1975 or earlier for researcher on human visceral learning and biofeedback. Previous experience in biofeedback research or behavioral modification highly desirable. Applicants should have experimental, physiological, or clinical specialization. Send inquiries, curriculum vitae, and names of three references to **Dr. Leo V. DiCara, Department of Psychiatry, University of Michigan, Ann Arbor, Michigan 48104. An Equal Opportunity/Affirmative Action Employer.**

The **DEPARTMENT OF PSYCHOLOGY** at Indiana University has four openings. Two positions are in human developmental psychology, one of which is a senior position. Applicants with interest in social, personality, or cognitive development are preferred. The third opening is for a new or recent Ph.D. in social psychology. Preference will be given to applicants with strong secondary interest in areas of psychology related to social psychology, such as, for example, human social development or the social bases of personality. The fourth position is for a clinical psychologist, preferably a new or recent Ph.D. All applicants would be expected to teach at both the undergraduate and graduate levels and to carry out and supervise research. Applicants are requested to indicate prominently in their letters of application which of the positions they are seeking. Please send a curriculum vitae and a list of at least three references to: **Dr. Irving J. Saltzman, Chairman, Department of Psychology, Indiana University, Bloomington, Indiana 47401. Indiana University is an Equal Opportunity Employer.**

PSYCHOLOGY

The Department of Psychology, Princeton University, anticipates several openings for the 1975-76 academic year. One is at the Full Professor level in social psychology, where we seek an addition to our ongoing program in social psychology. The other(s) at the Assistant Professor level are in general experimental psychology, with concentration in animal behavior, developmental and comparative psychology, or personality research. These latter anticipated openings are not rigidly tied to any specific area of expertise. Sheer excellence in research and teaching will override area-of-self-interest considerations.

Nominations and applications should be sent to the **Chairman, Department of Psychology, Green Hall, Princeton University, Princeton, New Jersey 08540. We are an Equal Opportunity Employer with a Vigorous Affirmative Action Program.**

SYSTEMS PHYSIOLOGIST

Position at the assistant professor level to teach undergraduate and graduate courses in vertebrate physiology, and to conduct active research program; endocrinological orientation preferred but not essential. Submit curriculum vitae, transcripts of records, list of publications and reprints, three letters of recommendation, and a letter describing approach to teaching and future research plans 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.**

NEUROBIOLOGY TERRESTRIAL ECOLOGY BIOCHEMICAL PARASITOLOGY MOLECULAR GENETICS

Beginning September 1975, there will be at least two openings in the Zoology Department chosen from the four fields listed above. The position will be filled with potentially strong teachers and researchers. Candidates must have had postdoctoral research experience and have published. Please submit curriculum vitae and descriptions of the courses you feel most qualified to teach to **B. Brooks, Zoology Department, University of Massachusetts, Amherst, Mass. 01002. An Equal Opportunity/Affirmative Action Employer.**

POSITIONS OPEN

RADIOCHEMIST. An active Nuclear Medicine division requires a Radiochemist with experience in preparation, handling, and quality control of isotopes for imaging and radioimmunoassay. A Ph.D. degree helpful. Division is in a 340-bed teaching hospital affiliated with the Albert Einstein College of Medicine. The position carries faculty appointment. Liberal fringe benefits. Please contact: **Lincoln Hospital, 320 Concord Avenue, Bronx, N.Y. 10454, (212) 960-5563. An Equal Opportunity Employer.**

INTERNATIONAL CONGRESS

INTERNATIONAL GERONTOLOGICAL CONGRESS

ISRAEL, 22-27 JUNE 1975

A very limited number of travel subsidies are available to U.S. citizens. Program participation is required. New professionals are encouraged to apply. Send name, nationality, title of accepted paper or participation, and other pertinent data by 1 January 1975 to **Dr. George Maddox, Secretary, American Executive Committee, International Gerontological Congress, Box 3003, Duke University Medical Center, Durham, N.C. 27710.**

COURSES

Temple University, Department of Biology, will offer two courses in **Developmental Biology of Marine Invertebrates** at the Marine Biological Laboratory, Woods Hole, Mass., 12 May to 7 June 1975 (4 weeks). One course (six credits) will consist of an intensive lecture and laboratory survey of the development of all major and some minor marine invertebrate phyla from both descriptive and experimental points of view. The second course (six credits) will provide an opportunity for guided research on a problem in invertebrate development. The courses run simultaneously and the research course requires a background in invertebrate development equivalent to the survey course. Space for 15 in the survey course, and 5 in the research course. Tuition, \$324 (\$462 for out-of-state students) for each course; dormitory lodging and food costs, \$256. For further information, write to: **Dr. Richard L. Miller, Department of Biology, Temple University, Philadelphia, Pennsylvania 19122. Telephone 215-787-8869. Deadline for receipt of completed applications: 31 January 1975. Accepted students will be notified by 15 February, at which time a tuition deposit of \$50 will be required to hold registration in either course.**

FELLOWSHIPS

DOCTOR OF ARTS IN BIOLOGY

Applications for predoctoral fellowships are being accepted now from qualified students dedicated to college-level teaching and interested in studying for the D.A. degree in Biology. Applicants must hold an M.S. degree in Biology or its equivalent prior to the fall 1975 term. Fellowships carry a stipend of \$2800 per academic year plus tuition waiver. For details of this new program and application materials write to: **Biology Chairman, Box 8007, Idaho State University, Pocatello, Idaho 83209.**

POSTDOCTORAL FELLOWSHIP— GENETIC CONTROL OF LIPID METABOLISM IN CULTURED CELLS

NIH fellowships are available for postdoctoral training in a Human Biochemical Genetics group with special interest in the genetic control of cholesterol and lipoprotein metabolism in cultured cells.

Interested persons should send inquiries and curriculum vitae to either:

**Dr. Joseph L. Goldstein or
Dr. Michael S. Brown
Department of Internal Medicine
University of Texas Southwestern Medical School
Dallas, Texas 75235**

FELLOWSHIPS IN VISION RESEARCH AT WASHINGTON UNIVERSITY

Predocorral and postdoctoral fellowships are available under an NIH training program for the study of vision at Washington University in St. Louis. Training is available in basic anatomical, physiological, and biochemical approaches to the developing and mature visual system. Send inquiries and applications to **Dr. Nigel W. Daw, Department of Physiology and Biophysics, Washington University Medical School, 4566 Scott Avenue, St. Louis, Missouri 63110. An Equal Opportunity/Affirmative Action Employer**

FELLOWSHIPS

PREDOCTORAL FELLOWSHIPS IN PHYSIOLOGY

WHO? Are you an above average biology, physics, chemistry, mathematics, or engineering major?

WHAT? Interested in the function of the heart, blood vessels, hormones, kidney, immune system, or nervous system?

HOW? A limited number of stipends with tuition are available for a low student-adviser ratio training program in physiology.

INTERESTED? Write to **Graduate Program Director, Department of Physiology, Loyola University, Stritch School of Medicine, 2160 South First Avenue, Maywood, Illinois 60153.**

POSTDOCTORAL FELLOWSHIPS DEPARTMENT OF PHYSICS UNIVERSITY OF WATERLOO WATERLOO, ONTARIO, CANADA

Applications are invited for postdoctoral research fellowships in physics.

Fellowships carry a stipend of \$9600 per annum (after 31 March 1975) which is subject to Canadian income tax. The awards are tenable for a period of 1 year with a possible renewal for a second year.

Research areas include: Astronomy and Astrophysics (applicants in this area should be interested in teaching and in observational galactic structure of Southern Milky Way and related topics), Atomic and Molecular Physics, Biophysics, Crystallography, Electron Microscopy (thin crystal defects and interfacial structures), Ellipsometry, Condensed Inert Gas Properties, Laser Physics, Microwave Physics, Nuclear Magnetic Resonance, Solid-State Physics (insulators, metals, nonlinear dielectrics, and semiconductors), Statistical Mechanics, Superfluidity, Superconductivity, and Ultrasonics. Closing date for applications is 15 March 1975.

For further information write to:

**Dr. D. E. Brodie, Acting Chairman
Department of Physics
University of Waterloo
Waterloo, Ontario, Canada N2L 3G1**

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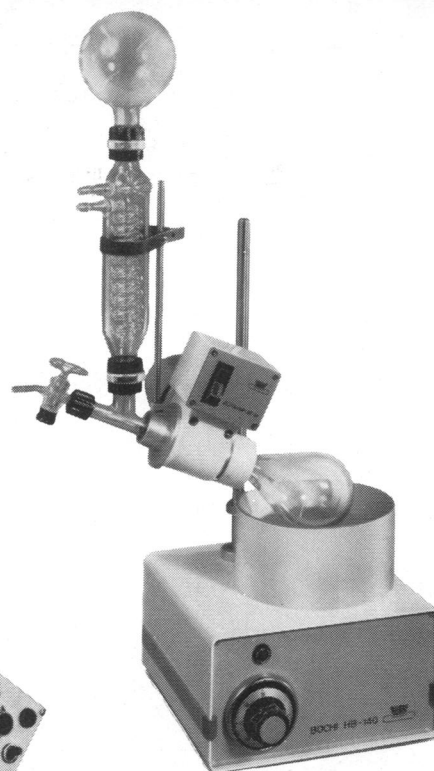
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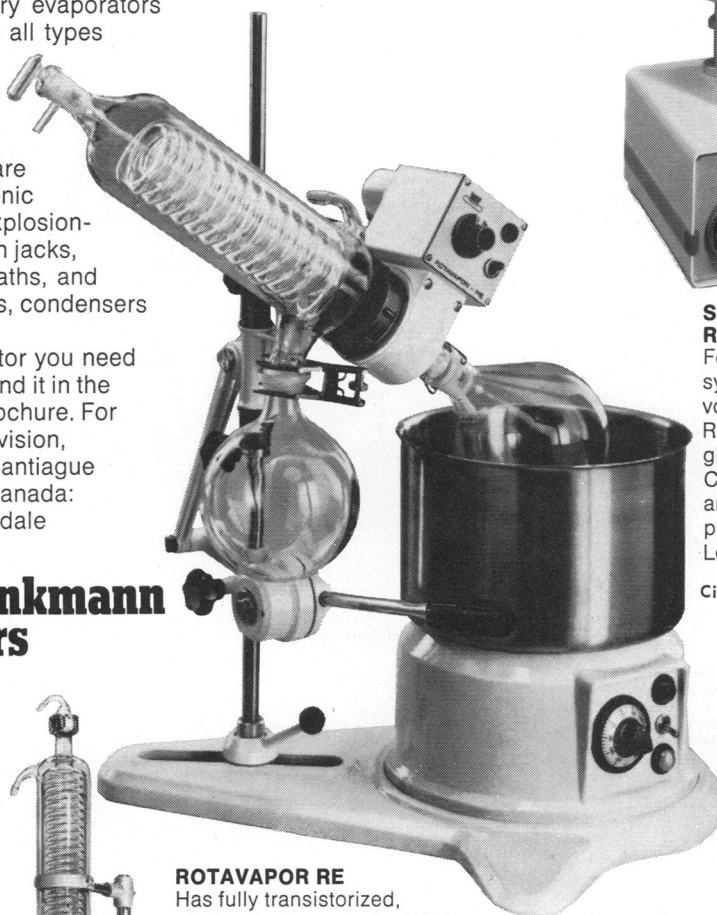
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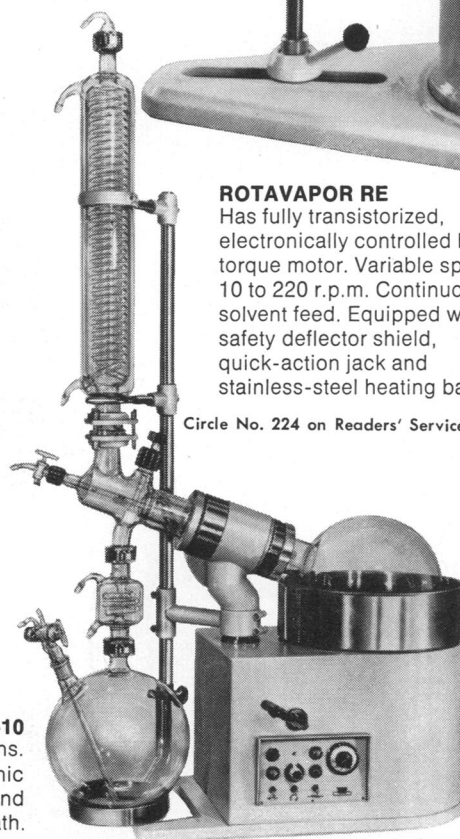
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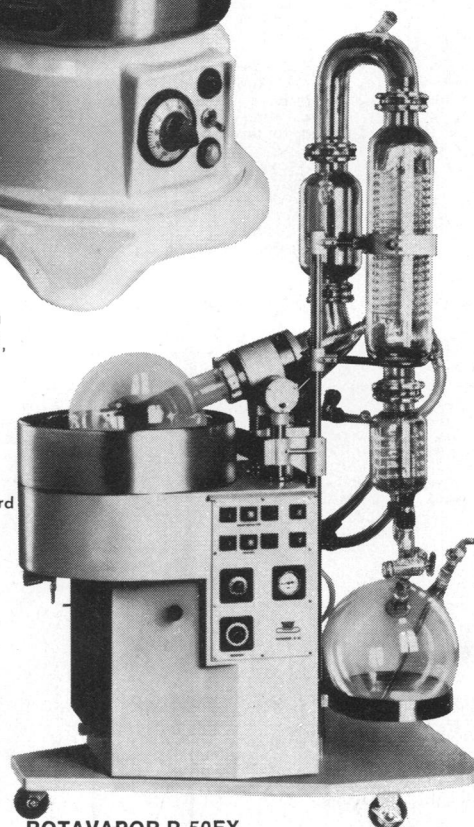
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