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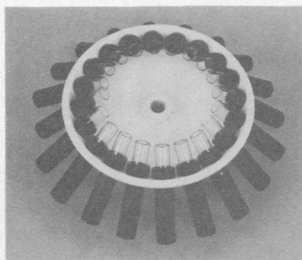
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\*Reference: GLC Microanalyses of Phenacetin and Acetaminophen Plasma Levels — M.A. Evans & R.D. Harbison — J. Pharmaceutical Sciences Vol. 66 Nr 11 (Nov. 1977) Pages 1628-1629 (Write for Reprint)

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## POSITIONS WANTED

**Animal Behaviorist.** Ph.D. University of Chicago, 1976. Research experience on exotic birds in zoological park. Publications. Teaching experience. Seeks research or teaching position in zoo, academia, or other. Box 240, SCIENCE. 7/21, 28; 8/4

**Biochemist.** Ph.D. 1973. Major training in oxidative phosphorylation calcium transport with some experience in molecular biology. Position in basic or applied research in academic organization, hospital, or industry desirable. Box 246, SCIENCE. X

**Biochemist/Physical Biochemist.** Ph.D. 1976. Experience and training in physical biochemistry of proteins including protein conformation (circular dichroism, optical rotary dispersion, osmometry, light scattering); 3-year postdoctoral experience in hemoglobin function, kinetics, photochemistry. College teaching. Publications. Seeks academic, industrial, or government position in the general Washington, D.C., area. Box 247, SCIENCE. X

**Biologist** (M.S. 1978); concentration in aquatic biology; energetic, adaptable, teaching experience at high school and college levels. Desires position in environmental education, field biology, or research. Box 248, SCIENCE. X

**Biomedical Engineer**—B.S.E.E., physiology Ph.D. (1975). Seeks teaching/research position in university or industry. Teaching and postdoctoral experience. Published. Box 249, SCIENCE. X

**Cell Biologist.** M.S. Ten years of experience in cell culture, effects of viruses and chemicals in vitro, fluorescent techniques; publications; supervisory experience. Desires position in New York-New Jersey metropolitan area. Box 239, SCIENCE. X

Hit or miss: unemployed **Neurochemist** (Ph.D. biochemistry, 1966), I-151 visa, has applied for over 600 positions advertised in *Science*. Are those positions really available or are they advertised for Equal Opportunity reasons? Seeks assistant professorship with research facilities. Background: biogenic amines, psychopharmacology, enzymes, industry, university, some teaching, strong methodology, some neuropeptides. Will consider research position funded for 3 to 5 years (salary: \$18,000). Box 408, Oak Park, Illinois 60302. Telephone: 312-383-4343 or 524-1756. X

## POSITIONS WANTED

**Curator/Director—Zoo/Museum.** Ph.D. zoology; 6 years of experience as curator of major zoo. Seeking zoo, museum, or conservation position in administration/staff. Box 243, SCIENCE. 7/21, 28

**Science Editor.** Professor, M.S. microbiology, Ph.D. English, numerous publications; will edit technical manuscripts for ease of readability and publishability. Box 250, SCIENCE. X

## POSITIONS OPEN

### AQUATIC ECOLOGIST

Research-teaching assistant professorship in the Biology Department with an adjunct appointment in the Center for Environmental Studies. Specific teaching assignments will depend on applicants' background. Research will involve various environmental effects of steam-electric power plants on aquatic ecosystems. Experience with (i) temperature and chlorine avoidance studies with fish and (ii) coal ash influence on aquatic food chains mandatory. Experience with (i) fish entrainment and impingement and (ii) population dynamics of fouling organisms highly desirable. Preference will be given to someone with experience in supervising site-specific studies carried out by graduate students and technicians. Report writing and publication experience essential. This is part of a larger program in which teamwork is essential. *VPI & SU is an Affirmative Action/Equal Opportunity Employer.* Applications received until 15 August 1978. Please send résumés and three references to: Dr. John Cairns, Jr., Biology Department, Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061.

**ASSISTANT PROFESSOR.** Temporary appointment to teach biochemistry (30 percent), and participate in research (70 percent). Will supervise research laboratory engaged in program on renal modification and reabsorption of a sex-dependent urinary protein. Applicants must have a Ph.D. degree in biochemistry; 2 years of postdoctoral experience desirable. Teaching primarily in basic biochemistry course for medical students. Funds available for 3 years starting at \$18,500 (12 months). Send curriculum vitae and names of three references before 1 October to: Dr. Otto W. Neuhaus, Division of Biochemistry, Physiology, and Pharmacology, The University of South Dakota School of Medicine, Vermillion, South Dakota 57069. *Equal Education and Employment Opportunity/Affirmative Action Institution.*

### ASSISTANT PROFESSOR OF PHARMACOLOGY

The Department of Pharmacology and the Cancer Center of Northwestern University Medical School in Chicago invite applications from qualified individuals for a position at the level of assistant professor in the specific field dealing with the mechanism of action of cancer drugs. The Department of Pharmacology is rapidly developing with 19 faculty members who have expertise in various fields of pharmacology; the emphasis is on molecular and electrophysiological approaches. Excellent facilities are available in the department including those for NMR, GC-mass spectrometry, EM, and sophisticated electrophysiology such as voltage clamp. The Cancer Center is also developing rapidly with a new building expected to be completed in January 1979 and is engaged in research in both basic and clinical sciences related to cancer. The person in the proposed position will have a joint appointment in the Department of Pharmacology and the Cancer Center. Applications should accompany curriculum vitae, a list of publications, and names of three references and be submitted to: Dr. Toshio Narahashi, Professor and Chairman, Department of Pharmacology, Northwestern University Medical School, 303 East Chicago Avenue, Chicago, Illinois 60611. *Northwestern is an Equal Opportunity/Affirmative Action Employer.*

**CHAIRMAN, DEPARTMENT OF SOCIAL AND PREVENTIVE MEDICINE**—The School of Medicine, State University of New York at Buffalo, is seeking candidates with an M.D. degree and proven capability to maintain the department's current programs and be responsible for expanded teaching and research in health care delivery. *The University is an Affirmative Action/Equal Opportunity Employer.* Applications should be sent to: Peter F. Regan, M.D., Farber Hall, School of Medicine, State University of New York at Buffalo, Buffalo, N.Y. 14214. Closing date: 1 October 1978.

## POSITIONS OPEN

The Department of Physics of the University of Louisville invites applications and nominations for the position of **ASSISTANT PROFESSOR** beginning September 1978. The position is a 1-year appointment for the duration, August 1978 to May 1979. The department presently includes and offers degrees through the Ph.D. Areas of research interest (both experimental and theoretical) are solid-state physics and material sciences, atomic and molecular physics, intermediate energy nuclear physics, biophysics, critical phenomena and phase transitions, astrophysics, and acoustics. Candidates must have research interest in any of the above fields. The salary is in the range of assistant professor rank. Complete curriculum vitae, description of graduate education, and three letters of reference must be received by 30 July 1978. Inquiries should be sent to: Search Committee, Department of Physics, University of Louisville, Louisville, Ky. 40208. *An Equal Opportunity/Affirmative Action Employer.*

**BIOCHEMIST**—Research faculty position in the Department of Medicine. Position available for biochemist with doctoral degree in biochemistry or nutritional biochemistry and with postdoctoral research in intermediary metabolism. Full-time research position; opportunities for basic as well as clinical research. Candidate must have the ability to obtain funding in support of research. Send curriculum vitae and names of three references to: O. E. Owen, M.D., General Clinical Research Center, Temple University School of Medicine, Philadelphia, Pa. 19140. *An Equal Opportunity/Affirmative Action Employer.*

**CHAIRPERSON**, Department of Environmental Health Sciences. Small, rapidly growing department currently involved in water quality, resource management, occupational health, and air pollution is seeking chairperson with similar or complementary interests. Associate or full professor level. Salary: \$28,000 to \$34,000 per annum. Contact: Gene Fiegle, School of Public Health, University of South Carolina, Columbia, S.C. 29208. Deadline for receipt of application: 15 September 1978. *An Equal Opportunity/Affirmative Action Employer.*

### NOW RECRUITING FOR DEAN, SCHOOL OF PUBLIC HEALTH

The University of California, Berkeley, invites applications/nominations for the position of dean of the School of Public Health. The school is comprised of two departments: Biomedical and Environmental Health Sciences and Social Administrative Health Sciences. There are four curriculum areas of specialization within each department. Over 400 graduate students are enrolled in a variety of programs including the professional degrees M.P.H. and Dr.P.H. and academic degrees in six areas that lead to the M.A., M.S., and Ph.D. degrees. Qualifications for the deanship include evidence of scholarly and academic achievement in health sciences that warrant an appointment to the full professorship on the faculty of the school. Experience and demonstrated skills in administration, a national and international reputation for leadership in public health, and knowledge of its frontiers are required. Historically and currently, activities of the school focus on health maintenance and disease prevention. The dean is expected to provide leadership within the school in presenting concepts for curriculum development and to encourage necessary research and programs to meet community needs. He or she must establish and maintain effective coordination and promotion of the school's programs in their interactions with other programs in the health and biomedical sciences in other departments on the Berkeley campus and related programs on the other university campuses. It is expected that a significant effort will be made in the pursuit of concerns of the school and university at state and federal levels. Applications must be received by 15 September 1978. Detailed curriculum vitae, references, and a statement of personal interests regarding the post should be sent to: Search Committee, Office of the Provost, Professional Schools and Colleges, 200 California Hall, University of California, Berkeley, Calif. 94720.

*The University is an Equal Opportunity/Affirmative Action Employer.*



## POSITIONS OPEN

**BIOCHEMISTRY-BIOPHYSICS POSTDOCTORAL POSITIONS** are available for functional and structural (mainly x-ray crystallographic) studies on either hemoglobins with modified heme groups or calcium-binding proteins or polypeptide hormones. Experience in at least one from among x-ray crystallography, biophysical chemistry, or protein chemistry highly desirable. One position available immediately, the second in May 1979. Send curriculum vitae and the names of three references to: **Dr. Keith Moffat, Section of Biochemistry, Molecular and Cell Biology, Clark Hall, Cornell University, Ithaca, New York 14853.**

*Cornell University is an Equal Opportunity/Affirmative Action Employer.*

### CARDIOVASCULAR PHYSIOLOGIST

Applications are invited for the appointment of a cardiovascular physiologist at the rank of assistant professor in the Department of Physiology. Send applications with curriculum vitae and names of three referees to: **Sandra Knowles, Department of Physiology, McGill University, 3655 Drummond Street, Montreal, Quebec, Canada H3G 1Y6.**

### CHAIRMAN DEPARTMENT OF PSYCHIATRY TUFTS-NEW ENGLAND MEDICAL CENTER

Applications are solicited for the position of **chairman** of the Department of Psychiatry, Tufts University School of Medicine, and **psychiatrist-in-chief**, New England Medical Center Hospital. We will seek a candidate with the highest academic credentials who will be able to direct a vigorous, multifaceted department in an expanding university medical center. *We are an Equal Opportunity Employer. Women and minorities are encouraged to apply.* Please send curriculum vitae and supporting information to:

**Theodore L. Munsat, M.D.**  
Department of Neurology  
Tufts-New England Medical Center  
171 Harrison Avenue  
Boston, Mass. 02111

**DIRECTOR OF ANATOMIC PATHOLOGY.** Applications are invited for the position of director of the very active anatomic service at Cedars-Sinai Medical Center. This position will be available approximately 1 January 1979, and requires Board-certification, broad experience in administration and management, as well as superior teaching ability and research experience. Cedars-Sinai Medical Center is affiliated with the University of California at Los Angeles (UCLA), and applicants should also be qualified for consideration of a faculty appointment at an appropriate level in the Department of Pathology at the University of California, Los Angeles. Please send curriculum vitae and names of referees to: **Julien L. Van Lancker, M.D., Department of Pathology, UCLA School of Medicine, Los Angeles, California 90024.** *Equal Opportunity/Affirmative Action Employers. Minorities and women are encouraged to apply.*

### EPIDEMIOLOGIST (PLANT PATHOLOGY)

Applications are invited for a full-time (12-month) tenurable appointment for an epidemiologist at the assistant or associate professor level in the Department of Plant Pathology, University of Minnesota. A Ph.D. is required, with a background in plant pathology preferred. Research responsibilities in development and field-testing of mathematical models that describe plant disease epidemics and control measures. Teaching responsibilities include a graduate level course in epidemiology. Résumés, three letters of recommendation, and complete transcripts should be sent to: **Dr. R. J. Zeyen, Chairman, Epidemiology Search Committee, Department of Plant Pathology, 304 Stakman Hall, University of Minnesota, St. Paul, Minn. 55108,** no later than 20 August 1978.

*The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, or national origin.*

**MICROBIOLOGIST, IMMUNOCHEMIST, Ph.D.** Several years laboratory experience required, D.V.M. degree an asset. Candidate will direct virological, bacteriological, and immunological research in collaboration with other veterinary scientists. Research projects in the area of neonatal diarrhea and/or respiratory diseases of food-producing animals. Send résumé, list of familiar techniques, and three references to: **Dr. C. H. Bigland, The Veterinary Infectious Disease Organization, 124 Veterinary Road, Saskatoon, Saskatchewan, Canada S7N 0W0.**

## POSITIONS OPEN

**William Beaumont Hospital  
Royal Oak, Michigan  
Department of Obstetrics/Gynecology**

Position available immediately for **CHIEF OF LABORATORY FOR IMMUNOLOGIC RESEARCH.** Applicant must have advanced immunology background and have demonstrated excellence and special knowledge in tissue typing, tissue cross matching, and culturing; also semenology. Salary \$18,000 per year. Reply to: **William Beaumont Hospital, Department of Obstetrics/Gynecology, 3601 West 13 Mile Road, Royal Oak, Michigan 48072.**

### CLINICAL NEUTRON THERAPY TRAINING

One-year junior faculty research training appointment for American Board-qualified or -certified radiation oncologist. Must be U.S. citizen. Will favor individual sponsored by academic program and with academic qualifications. \$25,000 per year for properly qualified candidate. Send curriculum vitae, bibliography, and names of three references to: **Y. Maruyama, Chairman, Radiation Therapy Oncology Center, University of Kentucky Medical Center, C-15, 800 Rose Street, Lexington, Ky. 40506.**

*The University of Kentucky is an Equal Opportunity Employer.*

**DIRECTOR,** Division of Medical Oncology. Applications and nominations are invited for the position of director, Division of Medical Oncology in the Department of Medicine, New Jersey Medical School. This division will be responsible for the teaching of oncology to house staff and students, associated research, and the care of such patients in cooperation with the Departments of Surgery and Radiology. Candidates will be evaluated on the basis of their scientific stature, proven teaching ability, and administrative competence. Curriculum vitae and bibliographies should be sent to: **Allen B. Weisse, M.D., Cardiac Care Unit, College of Medicine and Dentistry of New Jersey, New Jersey Medical School, Martland Hospital, 65 Bergen Street, Newark, N.J. 07107.** *Equal Opportunity/Affirmative Action Employer.*

**ENGINEER/MATERIALS SCIENTIST.** The Research Triangle Institute, a university-affiliated, not-for-profit, contract research organization, has an immediate permanent opening for a senior individual in the III-V semiconductor field. This individual should have a Ph.D. and at least 10 years of experience with VPE/LPE systems. Previous experience with ternary and quaternary III-V systems is essential. Duties will include operation of laboratory facilities, supervision of research staff, proposal preparation, report writing, and project leadership responsibilities. Starting salary will be \$30,000 plus. Liberal fringe benefits and relocation expenses provided. To apply, submit complete résumé to: **RESEARCH TRIANGLE INSTITUTE, Office of Personnel, P.O. Box 12194, Research Triangle Park, N.C. 27709.** *An Equal Opportunity/Affirmative Action Employer.*

### FACULTY POSITIONS IN GENETICS

The Department of Genetics, Washington University School of Medicine, invites applications for three positions, at the assistant/associate/full professor level, in **developmental genetics, immunogenetics, and somatic cell genetics**, beginning fall 1979. Candidates must have a strong background of training and experience in genetics and an active research program in genetics. Teaching responsibilities may be at the medical, graduate, and/or undergraduate level. Send curriculum vitae, publication list, brief résumé of research program, and names of three references to: **Dr. Donald C. Shreffler, Department of Genetics, Washington University School of Medicine, St. Louis, Mo. 63110.**

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**SCRIPPS INSTITUTION OF OCEANOGRAPHY** invites applications for a **FACULTY TEACHING AND RESEARCH POSITION** in observational or experimental oceanography. Applicants should have demonstrated ability to answer questions relevant to actual physical processes at work in the oceans. They should be able to conduct graduate courses and guide Ph.D. students. Expected level is assistant professor or associate professor. Appointment can commence in 1979 or 1980. Submit curriculum vitae including a list of publications and names of references to: **M. M. Mullin, Chairman, A-008, Department SIO, Scripps Institution of Oceanography, La Jolla, Calif. 92093.** *The University of California, San Diego, is an Equal Opportunity/Affirmative Action Employer.*

## POSITIONS OPEN

### PHYSICIAN/EPIDEMIOLOGIST

The University of Texas Health Center at Tyler seeks a physician/epidemiologist experienced in conducting epidemiologic research in chest diseases. Individual will serve as administrative head of epidemiology/biostatistics research division and should exhibit leadership capabilities and ability to work with people. Please submit letter of interest and curriculum vitae to: **P.O. Box 2003, Tyler, Texas 75710.**

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### PHYSIOLOGIST

Position available in the Department of Basic Sciences, Peoria School of Medicine, one of the four clinical schools within the University of Illinois College of Medicine. Applicants must have a Ph.D. in physiology or M.D. and at least 2 years of experience beyond the doctor's degree, preferably with subspecialty in pulmonary physiology or other field closely related to clinical practice. Duties will include teaching medical and associated health sciences students and conducting an independent research program in his/her field of expertise. Must have demonstrated potential for research. Salary to be commensurate with experience and qualifications, with academic rank of assistant or associate professor. Starting date: as soon as possible. Send application and names of three individuals for references no later than 31 August 1978, to: **Dr. F. J. Grundbacher, Acting Chairman, Department of Basic Sciences, Peoria School of Medicine, 123 Southwest Glendale Avenue, Peoria, Illinois 61605.** *The University of Illinois is an Affirmative Action/Equal Opportunity Employer and encourages applications from members of minority groups and women.*

### POSTDOCTORAL POSITION IN CANCER RESEARCH

Available immediately for recent Ph.D. with training in radiation biology. Research program involves use of radiation, drug, and hyperthermia in treatment of animal tumors. Knowledge of tissue culture helpful but not essential. Two years of support guaranteed. Send résumé and letters of reference to: **Dr. James Shaeffer, Department of Radiation Oncology and Biophysics, Eastern Virginia Medical School, 600 Gresham Drive, Norfolk, Va. 23507.**

**POSTDOCTORAL POSITION** available August 1978. Research in neuropharmacology of putative peptide transmitters is supported by NIMH research grant. Background in peptide biochemistry or experience in radioimmunoassay is desirable. Send curriculum vitae and names of three references to: **Dr. David R. Burt, Department of Pharmacology, University of Maryland School of Medicine, Baltimore, Maryland 21201.**

### INTERNATIONAL LABORATORY FOR RESEARCH ON ANIMAL DISEASES (ILRAD) RESEARCH ASSISTANT

A research assistant is required to operate the institution's fluorescence-activated cell sorter (FACS II). Research is being carried out on *Trypanosomiasis* and *Theileriasis* in modern research facilities located in Nairobi, Kenya. The individual will be working with lymphoid cells and trypanosomes, so familiarity with handling cells is essential. Experience in the use of a cell sorter is an advantage but provision will be made for training if necessary. Salary will vary, depending upon training and experience. Perquisites include house allowance, commutation allowance, insurance, vacation leave, pension scheme, and others. Candidates should submit current curriculum vitae describing training and research experience and the names of three references who may be contracted on behalf of their candidacy. These should be sent to:

**The Director  
ILRAD  
P.O. Box 30709  
NAIROBI, KENYA**

to reach him not later than 30 August 1978.

### RESEARCH ASSOCIATE

Cellular immunologist (Ph.D.) with experience in *in vitro* cytotoxicity assays to study immunity to *Trypanosoma cruzi* in mice. Starting: as soon as possible; salary: \$10,000 to \$12,000; 3-year position. Please send curriculum vitae and names of three referees to: **Dr. R. E. Kuhn, Box 7325, Wake Forest University, Winston-Salem, N.C. 27109.**

*Wake Forest University is an Affirmative Action/Equal Opportunity Employer.*

## AUSTRALIAN INSTITUTE OF MARINE SCIENCE RESEARCH SCIENTISTS

Applications are invited for positions in research at the Australian Institute of Marine Science. AIMS, situated on a 190 hectare site at Cape Ferguson near Townsville, North Queensland, projects development into one of the foremost institutions in the world in the field of tropical marine science. Facilities include a 12.8 million dollar headquarters and comprehensively equipped laboratory complex, library, lecture theatre, controlled environment rooms and aquaria, accommodation for visiting scientists, and various field and technical support facilities such as a deepwater boat harbour, recompression chamber, and maritime services building.

Initial research at AIMS has been concentrated in three main areas: (i) Tropical marine food webs; (ii) The Great Barrier Reef and its Reef-building organisms; (iii) Tropical marine pollution.

The existing fleet of small vessels will shortly be augmented substantially, with the delivery of a 25 m research vessel built specifically for AIMS.

Further major expansion is planned, and will assure challenging research growth in tropical marine science.

### PHYSICAL OCEANOGRAPHY

**Duties:** To participate in inter-disciplinary studies addressed to an understanding of the near and inshore environment, its communities and their ecology.

**Qualifications:** A Ph.D. degree or equivalent qualifications in the field of physical oceanography, with interest and experience in field studies of microscale near-shore current systems and advective processes. A proven capacity for active and independent research is essential.

### REEF CALCIFICATION

**Duties:** To undertake research in the field of the calcification of coralline algae with emphasis on their physiology, biochemistry and functional morphology. Both laboratory and field studies will be involved.

**Qualifications:** A Ph.D. degree or equivalent qualifications in the field, with an extensive knowledge of radioisotope techniques, (including sources of error and experimental design). Some EM experience an asset. A proven capacity for effective, independent research is a prerequisite.

Appointments will be made within the Research Scientist/Senior Research Scientist range (\$A14,639—\$A21,267), depending on qualifications and experience. Appointment at a higher level may be considered in exceptional circumstances.

Further information on AIMS and detailed employment conditions will be supplied on request.

Applications must include a full c.v., plus the names and addresses of three professional referees, and should be sent to:

The Secretary, Australian Institute of Marine Science  
P.M.B. No. 3, Townsville, M.S.O., Queensland, Australia 4810.

### REEF GEOLOGY

**Duties:** To work within a research group studying the genesis of the Great Barrier Reef with primary emphasis on the relation between physical influences and reef structure.

**Qualifications:** A Ph.D. degree or equivalent qualifications in the field, with extensive experience in the analysis of coral reef systems, and a general knowledge of the biogeology of reef communities.

### MARINE BIOCHEMISTRY

**Duties:** To conduct research and be responsible for the organic analytical section of a group with interests in biological detoxification mechanisms and the accumulation of synthetic organics in marine organisms.

**Qualifications:** A Ph.D. degree or equivalent in biochemistry or natural products chemistry, with proven research ability and experience in this or related fields.

Closing date for applications is 14 July, 1978

# Firmenich



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## BIOPHYSICAL, BIOANALYTICAL CHEMIST

The Ames Company Division of Miles Laboratories, Inc., is looking for a high-quality, imaginative research scientist. This person will work to develop new technology for in vitro clinical chemical diagnostics.

The candidate must have a Ph.D., preferably with postdoctoral experience either in lipoproteins, enzymology, or electrophoresis. This individual will join a multidisciplinary team developing novel clinical diagnostic systems.

Located in Elkhart, Indiana, a community of 50,000 population, we offer excellent recreational and education facilities as well as convenient accessibility to the Chicago area. Excellent starting salary commensurate with experience, plus a superior benefits program. Relocation expenses paid by the company. Please submit curriculum vitae, bibliography, and salary requirements in confidence to my attention.

Curtis A. Brown, Senior Placement Representative  
Department 869

**MILES LABORATORIES, INC.**

**Elkhart, Indiana 46514**

*An Equal Opportunity Employer, M/F*



## POSITIONS OPEN

### NEUROPHYSIOLOGIST EMORY UNIVERSITY

The Department of Biology of Emory University invites applications from persons trained in neurophysiology who are committed to research and teaching. Postdoctoral experience is preferred. Appointment will be at the assistant professor level, beginning September 1979. Responsibilities for undergraduate teaching in introductory courses and in physiology are expected, with graduate teaching and supervision of M.S.-Ph.D. students in the applicant's specialty.

Candidate should submit a curriculum vitae including a summary of teaching and research experience and interests and arrange for three letters of reference. Application must be received by 1 November.

Dr. Darrell R. Stokes  
Search Committee Chairman  
Department of Biology  
Emory University  
Atlanta, Georgia 30322

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**PHYSICIAN.** Full-time position with Regional Center of Orange County serving the developmentally disabled. Expertise in pediatrics, internal medicine, and/or neurology; specific training or experience in working with developmentally disabled individuals; belief in the philosophy of normalization; ability to work comfortably with the developmentally disabled individual of any age. Entails client assessment, coordination of assessment team, consultation with interdisciplinary staff and community, and collaboration with nurse practitioners. Excellent employee benefits including evenings and weekends free for private practice, 3 weeks' paid vacation after 1 year's employment, and excellent liability coverage to cover the full-time employee hours. Possibility of university appointment and/or private practice. All résumés to:

Personnel Department  
Regional Center of Orange County  
Central Tower, Union Bank Square  
500 South Main Street  
Orange, Calif. 92668

**POSTDOCTORAL POSITION** available for qualified biochemist or pharmacologist with experience in protein chemistry and enzyme purification. Project involves regulation of heme and drug metabolism by environmental chemicals. Send curriculum vitae and two letters of reference to:

Alvito P. Alvares, Ph.D.  
Department of Pharmacology  
Uniformed Services University  
4301 Jones Bridge Road  
Bethesda, Maryland 20014  
Attention: Personnel

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Qualifications include:

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- 2) Substantial experience and a high level of skill in the clinical aspects of a hospital and medical school-based Department of Pathology.
- 3) Substantial experience and a high level of accomplishment in scientific research.
- 4) Experience and ability in administration within an academic setting.

Send curriculum vitae and bibliographies to:

Marshall J. Orloff, M.D.  
Chairman, Pathology Chair Search Committee  
University of California Medical Center, San Diego  
225 Dickenson Street  
San Diego, California 92103

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**VISITING PROFESSORSHIP IN ANALYTICAL CHEMISTRY** at the University of Delaware for 1979-1980. Attractive position for experienced faculty member to spend leave in a dynamic department with excellent research facilities. Candidate will be expected to participate in the teaching program. Qualified individuals are invited to write to: Professor G. A. Rechnitz, Department of Chemistry, University of Delaware, Newark, Delaware 19711. *The University is an Affirmative Action/Equal Opportunity Employer.*

## POSITIONS OPEN

**POSTDOCTORAL RESEARCH SCIENTIST**, Ph.D. or M.D., with training in immunology and engineering, to actively implement ongoing research project in new immunotherapeutic field at Baylor College of Medicine, Houston, Texas. Experience should include a minimum of 2 years of postdoctoral research. Position and salary negotiable. Please submit curriculum vitae and bibliography to: Box 238, SCIENCE.

**RESEARCH SCIENTIST.** Three to five positions available at Mayaguez, Puerto Rico, with the University of Puerto Rico's Center for Energy and Environment Research (operated by UPR under contract with the Department of Energy). One-year appointments with preference given to scientists who may stay longer. We are seeking established scientists in any one of the following areas: **senior environmental scholar, solar energy utilization, ocean thermal energy conversion (industrial experience), energy conservation, bio-conversion, and environmental biochemist.** Positions available 1 October 1978. Salary and benefits to be negotiated. Send résumé and letters of recommendation to: Dr. Juan A. Bonnet, Jr., Director, Center for Energy and Environmental Research, Caparra Heights Station, San Juan, Puerto Rico 00935.

### VISITING SCIENTIST POSITIONS

The Joint Institute for the Study of the Atmosphere and Ocean (JISAO) has openings for:

- A physical oceanographer with research interests in climate dynamics
- A physical oceanographer with at least 5 years of postdoctoral experience whose research interests include the field of estuarine dynamics.

The term of appointment is normally one year, but renewals, extensions, or shorter-term appointments may be possible in individual cases. Salary will be negotiated on the basis of qualifications and experience.

JISAO was created in 1977 by an agreement between the University of Washington and the NOAA Environmental Research Laboratories. JISAO senior fellows are associated with the University Department of Atmospheric Sciences or Oceanography and the NOAA Pacific Marine Environmental Laboratory in Seattle.

To apply, please send a professional résumé, two letters of recommendation, and a brief research prospectus to: John M. Wallace, Interim Director, JISAO, c/o Department of Atmospheric Sciences AK-40, University of Washington, Seattle, Wash. 98195. Closing date for receipt of application material: 1 September 1978.

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### SENIOR (PH.D.) PHARMACOLOGIST

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Responsibilities involve the delineation of metabolic pathways of drugs using in vitro and in vivo systems. The establishment of analytical methods and determination of metabolic structures requires a strong background in chemistry and biochemistry.

Applicants should have the Ph.D. degree with training in pharmacology and/or biochemistry. Experience in pharmacokinetic analysis is desirable.

Send résumé with salary requirements to:

Peter D. Cullen  
Senior Personnel Representative  
Eli Lilly and Company  
P.O. Box 618  
Indianapolis, Indiana 46206

### JOHNS HOPKINS UNIVERSITY

**TWO Ph.D. SOCIAL SCIENTISTS** with strong quantitative training; interest in fertility analysis, modeling, demographic methods, and program evaluation. Ph.D. or M.D. trained in epidemiologic investigation; interest in issues of reproductive health. Send letter, including curriculum vitae and three references, to: John F. Kantner, Chairman, Department of Population Dynamics, Johns Hopkins University School of Hygiene and Public Health, 615 North Wolfe Street, Baltimore, Maryland 21205. *An Equal Opportunity/Affirmative Action Employer.*

## POSITIONS OPEN

**TUMOR CELL BIOLOGY—ROSWELL PARK MEMORIAL INSTITUTE.** Applications are invited for an appointment at the full professorial level in the Department of Experimental Pathology from individuals with extensive research experience in tumor biology with particular interests in ultrastructural pathology and/or membrane biochemistry. Applicants should send curriculum vitae, a summary of their research program, and the names of three references to: Leonard Weiss, M.D., Ph.D., Roswell Park Memorial Institute, 666 Elm Street, Buffalo, New York 14263. *An Equal Opportunity Employer, M/F.*

## FELLOWSHIPS

### POSTDOCTORAL OR RESEARCH ASSOCIATE.

The Janice Gram Fellowship has been established for the study of motoneuron disease. Position available summer 1978. Neuron-neuron and neuroglial relationships in vitro with emphasis on transmitters and trophic factors. Salary: \$15,000. Submit curriculum vitae to: Dr. L. P. Weiner, Department of Neurology, University of Southern California School of Medicine, Los Angeles, California 90033. *Equal Opportunity/Affirmative Action Employer.*

**POSTDOCTORAL FELLOWSHIP** position open.

Salary: \$11,000 per annum.

Date: available September 1978.

Degree required: Ph.D.

**Area of expertise:** biochemical investigations on the isolation and characterization of enzymes and glycoproteins in lysosomal hydrolases.

**When applying, please send the following information:** a résumé, statement of current research interests, and statement of future research plans.

Send information to: Dr. Robert H. Glew, Associate Professor, Department of Biochemistry, University of Pittsburgh School of Medicine, Pittsburgh, Pa. 15261.

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Jet Propulsion Laboratory  
**California Institute of Technology**  
**CHIEF SCIENTIST**

The Jet Propulsion Laboratory, California Institute of Technology, invites applications for the position of Chief Scientist.

The Laboratory, operated by the California Institute of Technology under contract with NASA, carries out NASA's planetary exploration program, participates in NASA's Applications program, and is active in the Department of Energy solar energy programs. Scientists at JPL are engaged principally in scientific experimentation from planetary and earth-orbiting spacecraft, and in research related to space science and technology, and energy and information technology.

The Chief Scientist reports to the JPL Director, serving as the Director's principal advisor on the scope and conduct of scientific research at JPL, on policies affecting JPL scientists, on scientific support for JPL programs, and on relationships between JPL and the scientific community. He acts as a focal point for JPL scientists and for outside scientists involved in JPL activities.

Candidates should possess recognized scientific credentials, and be capable of dealing with leadership and policy issues. It is expected that the Chief Scientist will devote a portion of his time to his own research program, either at JPL or at the Caltech campus.

Please send resume to:  
Dr. C. R. Gates, Chairperson, Search Committee  
Jet Propulsion Laboratory  
California Institute of Technology  
4800 Oak Grove Drive  
Pasadena, California 91103

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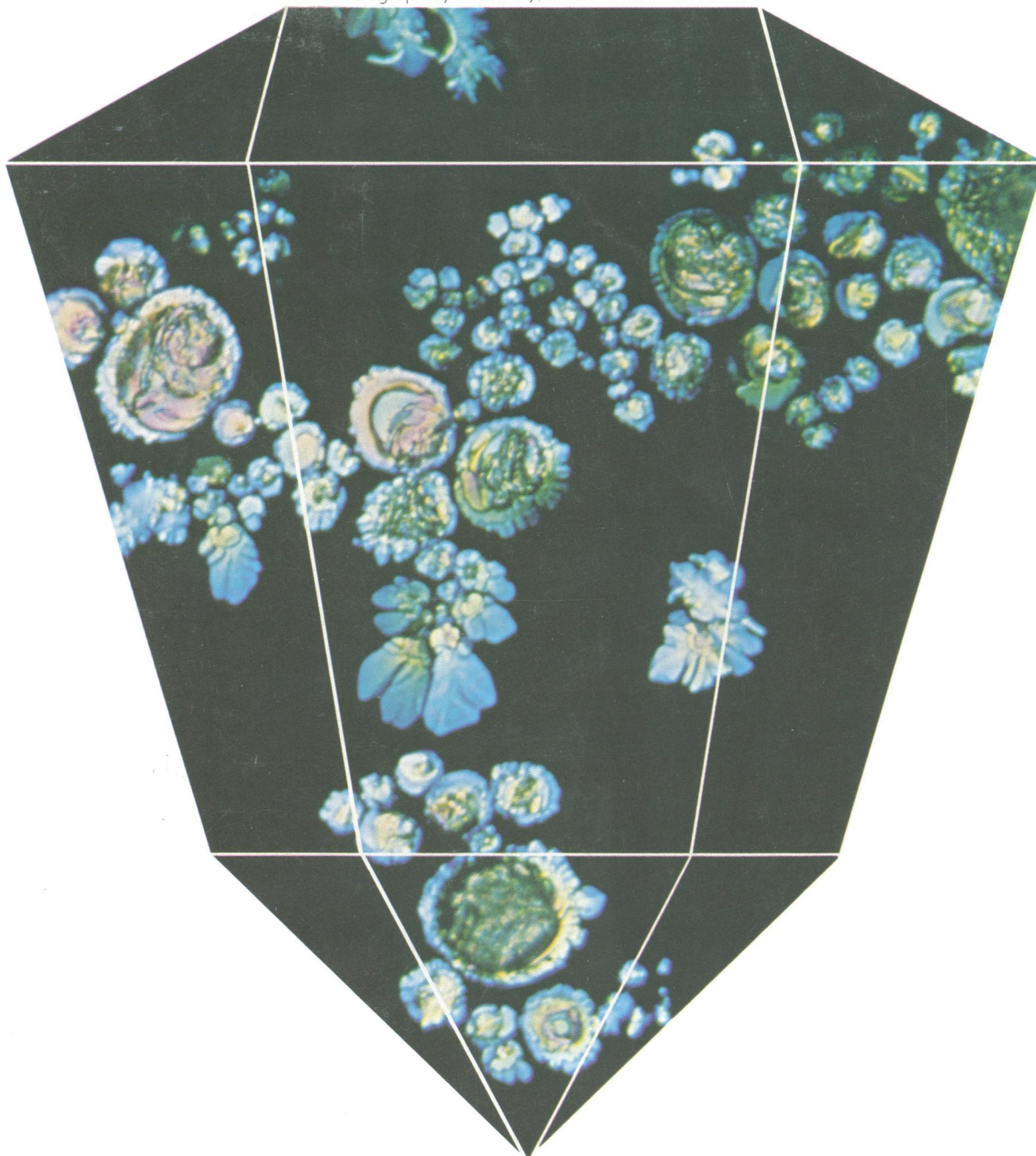
PhD or equivalent experience in oceanography or in a physical science area related to acoustics and oceanography; familiarity with current work in some combination of acoustics and oceanography; professional stature and scientific judgment.

Send Resume or SF-171 by 18 August 1978 to:

**Office of Naval Research (7212)**  
**800 North Quincy Street**  
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