

# Personnel Placement

It is requested that only those employers who will not discriminate on the basis of race, sex, religion, color, or national origin submit positions open advertising.

**POSITION WANTED:** 40¢ per word, minimum charge \$10. Use of Box Number Counts as 10 additional words. Payment in advance is required. These rates apply to individuals only. Personnel agencies and companies take display rate for all advertising.

**POSITIONS OPEN:** \$110 per inch. No charge for Box Number. Rates net. No agency commission allowed for ads under 4 inches. No cash discount. Ads over 1 inch will be billed to the nearest half inch. Payment in advance is required except where satisfactory credit has been established.

**COPY** for ads must reach **SCIENCE** 4 weeks before issue date (Friday of every week). Send copy for Personnel Placement advertising to:

**SCIENCE, Room 211**  
1515 Massachusetts Ave., NW  
Washington, D.C. 20005

Replies to blind ads should be addressed as follows:

Box (give number)  
**SCIENCE**  
1515 Massachusetts Ave., NW  
Washington, D.C. 20005

## POSITIONS WANTED

**Biochemist, 29, Ph.D.;** 2 years postdoctoral in United States; 3 years' research in food/fermentation industry leading a graduate team. Expertise in protein isolation and characterization, enzymology, nucleic acid synthesis and carbohydrate biochemistry. Publications. British citizen desiring challenging position in government, university, or industry in United States. Box 366, **SCIENCE**. X

**Aquatic Biologist, Sc.D.** Extensive experience in aquatic invertebrates, water pollution research and teaching; more than 25 publications. Desires research and/or teaching position. Box 359, **SCIENCE**. 7/20

**Biophysics, Ph.D., 1969, woman.** Four years' postdoctoral R & D and teaching in clinical medicine. Three plus years' pre- and postdoctoral teaching experience. Interested in position in western Oregon or Washington teaching biophysics, physics, cell biology, science for non-science majors, immunology, biochemistry, and physiology. Will consider solely teaching or teaching/research position. Box 368, **SCIENCE**. 7/27

**Clinical Scientist-Microbiologist, Ph.D.** Several years' experience all phases in various clinical laboratories. Registered Medical Technologist. Desires multidisciplinary technical/teaching/research position in hospital or private laboratory. Box 369, **SCIENCE**. X

**Ph.D. Economist.** Experienced in modeling, energy and environmental policy studies. Seeks position with for-profit organization. Box 370, **SCIENCE**. X

**Marine Microbiologist-Ecologist, Ph.D., 1972.** Experience in bacteriological relationships with marine plants, invertebrates, vertebrates. Biofouling/pollution studies using model, natural ecosystems. Seeks technical, teaching, research position. Box 371, **SCIENCE**. X

**Mathematical Biologist-Cell Physiologist, Ph.D. 1968;** experienced in quantitative metabolism, tissue culture, electron microscopy. Publications. Seeking teaching/research position. Box 372, **SCIENCE**. X

**Microbiologist/Molecular Biologist, Ph.D. 1968;** 14 years' research experience, nucleic acids, proteins, control mechanisms. Female wants to resume work after 4-year absence. Postdoctoral or research associate level. Box 373, **SCIENCE**. X

**Virologist-Cell Biologist, Ph.D.** Established investigator desires research-teaching position as associate/full professor in university/medical school. Numerous publications, current NIH grants, teaching experience. Box 374, **SCIENCE**. X

## POSITIONS OPEN

## POSITIONS OPEN

### DIRECTOR Coagulation Research & Development

Our company is a consistent leader in the development of diagnostic coagulation products. We seek an experienced product development oriented scientist to direct an expanding research and development program. Requires graduate degree with proven qualifications in coagulation research. Industrial experience preferred. Please contact D. F. Barber, Vice President, Personnel.

### DADE Division American Hospital Supply Corp.

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Miami, Florida 33152

*An Equal Opportunity Employer*

### UNIVERSITY OF CAPE TOWN, SOUTH AFRICA

#### SENIOR LECTURER AND LECTURER IN MECHANICAL ENGINEERING

Applications invited for these posts at University of Cape Town. Salary scales (under review) Senior Lecturer \$9,000 increasing to \$11,500, Lecturer \$6,800 to \$9,800. Starting salary dependent on qualifications. Full details on request. Submit résumé and references to **Registrar, University of Cape Town, Private Bag, Rondebosch, Cape Town, South Africa**.

#### ASSISTANT DEAN FOR PREMEDICAL COUNSELING

Position available 1 September 1973, in the Division of Biological and Medical Sciences, Brown University, Providence, Rhode Island. Candidates with a Ph.D. in Biology or in another area basic to medicine with teaching experience are preferred. Administrative experience in counseling programs and ability to relate to and counsel students essential. Application deadline 1 August. Submit letter of application, curriculum vitae and three recommendations to **Dean Elizabeth H. Leduc, Division of Biological and Medical Sciences, Box 1855, Brown University, Providence, Rhode Island 02912**. *An equal opportunity, affirmative action employer.*

#### ELECTRONICS SHOP SUPERVISOR

This position requires thorough familiarity with theory and practice of analog and digital scientific electronics equipment, circuitry, interfacing, and so forth. It entails both design and building as well as maintenance of existing equipment. The supervisor is assisted in this task by two electronics engineers. Salary according to qualifications. Submit curriculum vitae, names of three references, and salary requirements to **James Franck Institute, University of Chicago, 5640 South Ellis Avenue, Chicago, Illinois 60637** (telephone 312; 753-8216).

**PROFESSOR AND HEAD OF PSYCHIATRY** Department of Psychiatry, Louisiana State University School of Medicine in New Orleans. In compliance with LSU System policy, qualified candidates are invited to submit their credentials to: **Office of the Dean, Louisiana State University School of Medicine, 1542 Tulane Avenue, New Orleans, La. 70112**. Attention: Chairman, Psychiatry Search Committee.

**ASSISTANT RESEARCH SCIENTIST**—Research in hereditary serum alpha 1-antitrypsin deficiency which predisposes to emphysema. Prefer Masters or recent Ph.D., cell biology, biochemistry or related field plus knowledge of cell fractionation, enzyme analysis, electrophoretic, immunologic and quantitative biochemical methods.

**POSTDOCTORAL FELLOW**—Ph.D. in pharmacology or biochemistry with emphasis in neurochemistry. Research in the mechanism of action of narcotic drugs. Will be working in the laboratory of Dr. Jose Mussachio, Department of Pharmacology.

**POSTDOCTORAL FELLOW**—Department of Pharmacology. Ph.D. biochemistry. Background in neurochemistry with experience in sub-cellular fractionation techniques.

**ELECTRON MICROSCOPIST** (Histologist)—Masters. To study an inherited disease causing abnormalities in sensory, motor and autonomic function. Large research lab studying clinical chemical and pathological aspects. Minimum 2 years of postgraduate work in electron microscopy.

**BIOSTATISTICIAN**—Aquatic Biology background. Ph.D. or Masters with 2 years plus experience. Study on the effects of water pollution on the Hudson River. Sterling Forest, New York location.

Send résumé in confidence stating position interested in to: **Miss M. Kerans, Personnel Department, New York University Medical Center, 587 First Avenue, New York, N.Y. 10016**. *An equal opportunity employer m/f*

## BIOCHEMIST, Ph.D.

Excellent professional staff opportunity at modern, 1000-bed university-affiliated hospital center for Biochemist, Ph.D., with experience in serum protein fractionation and the utilization of chromatographic and electrophoretic techniques. U.S. citizenship required. Send complete curriculum vitae to: **Dr. Leo M. Meyer, Chief, Hematology Section, Brooklyn V.A. Hospital, 800 Poly Place, Brooklyn, New York 11209.**

## SIMON FRASER UNIVERSITY BURNABY, BRITISH COLUMBIA

The Department of Biological Sciences invites applications or nominations for an **Assistant Professor** position. The candidate should be actively engaged in meaningful research in some aspect of vertebrate ethology, preferably with an ecological orientation. The Department has excellent facilities and is well situated for marine or terrestrial research. Duties will include teaching vertebrate biology and ethology, and the guidance or graduate student research. The successful applicant will also be expected to develop a dynamic research program and to attract outside support for this research program. Salary and starting date are negotiable. Send curriculum vitae and the names of three references to: **Dr. Glen H. Geen, Department of Biological Sciences, Simon Fraser University, Burnaby 2, B.C., Canada.**

## CSIRO DIVISION OF APPLIED CHEMISTRY

### APPOINTMENT OF CHIEF OF DIVISION

The Executive of CSIRO invites applications from scientists interested in the position of Chief, Division of Applied Chemistry. The present Chief, Dr. S. D. Hamann, has indicated his wish to return to full-time research in the Organization and will be resigning when his replacement is appointed.

The Division carries out a broad programme of fundamental and applied research of importance to Australian industry. It operates two main laboratories in the Melbourne districts of Fishermen's Bend and South Melbourne and has a number of small units in other parts of Australia. It has a total staff of 260 and a current annual budget of \$3.3 million.

The Division's research work is concerned with a wide range of chemical and technological problems. These include:

- the isolation and synthesis of biologically active compounds,
- the chemistry and technology of the pulp and paper industry,
- aspects of wood and forest science,
- polymer science and the development of polymers reinforced with minerals or ligno-cellulose,
- the development of processes for water and effluent purification,
- photochemistry,
- organo-metallic catalysis,
- bush fire research,
- chemical thermodynamics.

Extension into the fields of atmospheric and oceanic chemistry is currently under consideration. In addition to these major activities, the Division operates the Australian Micro-analytical Laboratory, located in the University of Melbourne, which provides a service to industry and universities on a commercial basis.

The Chief of Division is responsible for the direction of the research activities, for the administration of the Division and for the control of funds available to it. The appointee will be expected to make recommendations to the Executive on the future research orientation of the Division and should have an established record of personal achievement and leadership in an appropriate field of research.

Salary for the position will not be less than \$19,718 per annum. Appointments to the Organization are normally made for an indefinite period with superannuation privileges attached but consideration could be given to a fixed term of engagement.

Scientists interested in this position should write to the **Secretary (Administration), Head Office, CSIRO, P.O. Box 225, Dickson, A.C.T., 2602**, from whom further details can be obtained.

Applications should contain a résumé of qualifications and research experience and should be directed to the above address by 10 August 1973.

## DEAN, SCHOOL OF MEDICINE

The University of Arkansas announces a vacancy in the position of Dean of the School of Medicine and invites interested, qualified persons to submit résumés. The U of A Medical Center is an equal opportunity employer. Inquiries should be addressed to the **Vice President for Health Sciences, University of Arkansas Medical Center, Markham at Hooper Drive, Little Rock, Arkansas 72201.**

## POSITIONS OPEN

### DEPARTMENT CHAIRMAN

Applications or nominations are sought for the position of **CHAIRMAN** of the **DEPARTMENT OF ZOOLOGY**, University of Florida. The department includes 32 faculty members and offers a broad undergraduate program. Graduate programs emphasize environmental biology, developmental biology, physiology, evolutionary and systematic biology, and genetics. The department has strong ties with the Natural Sciences Division of the Florida State Museum and with marine stations on both coasts. The available teaching and research space will be greatly enlarged with the completion of a new building in the fall of 1974.

The position is open for the fall of 1974. Applicants please send curriculum vitae and names of at least 4 references to: **Zoology Search Committee, Department of Zoology, University of Florida, Gainesville, 32601. The University of Florida is an Equal Opportunity Employer.**

### HISTOCHEMISTRY SUPERVISOR

Ph.D. or Ph.D. candidate, M.D. or M.S.; no experience necessary. Training in histologic techniques, histochemistry, immunohistochemistry desirable. Position involves supervision of the usual routine techniques and also utilization of the more advanced techniques when indicated for pathological histochemistry of middle ear tissues. Soft tissue studies will require surgical removal of specimens. This individual should be able to develop histochemical methods for application to this challenging and new field and to make a contribution toward the elucidation of the pathogenesis of middle ear diseases.

**BOX 375, SCIENCE**

### PHARMACOLOGIST

Specializing in toxicology tests in modern, well-equipped pharmacological research laboratory. B.S. or M.S. with some experience required. Excellent benefits and career opportunity. Send résumé in confidence to:

**Director of Personnel  
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*An Equal Opportunity Employer Male or Female*

### PHARMACOLOGISTS, PHYSIOLOGISTS, GENETICISTS and HEMATOLOGISTS

The Peoria School of Medicine, a 3-year clinical school in the University of Illinois, College of Medicine, has four staff positions for persons who can teach neurosciences, endocrinology, genetics, immunology or hematology in an integrated organ systems program in the clinical years. Applicants must hold the Ph.D. or M.D. with a minimum of 2 years' experience and will be expected to develop research programs in community-related areas. Peoria School of Medicine is a new school offering challenging opportunities in education and research. A job description is available on request. Applications with curriculum vitae and letters of recommendation should be sent to the **Coordinator of Basic Science Program, Peoria School of Medicine, 1400 West Main Street, Peoria, Illinois 61606. The University of Illinois is an equal opportunity employer.**

**POSTDOCTORAL POSITION**, September 1973, for top grade applicant only. Field unimportant but must be interested in computer applications to chemical/biological problems. Write

**T. L. Isenhour  
Department of Chemistry  
University of North Carolina  
Chapel Hill, N.C. 27514**

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University of Illinois, Department of Agronomy. Two Assistant Professor positions. **SOIL MICROBIOLOGIST**. Research on microbiological aspects of waste degradation on agricultural land, herbicide degradation, or nitrogen fixation. Develop course at upper undergraduate-graduate level. Ph.D. in microbiology or soil microbiology. **CROP PRODUCTION SPECIALIST**. Research on crop production systems with primary emphasis on field research. Develop course at upper undergraduate-graduate level. Ph.D. in soil fertility, crop production, and plant physiology with broad training in other disciplines related to crop production. Send applications to **R. W. Howell, Department of Agronomy, University of Illinois, Urbana, Ill. 61801.**

Positions available in the field of **Tumor Virology, Laboratory Computer Diagnosis, Clinical Chemistry, Gynecological Pathology, Kidney Immunopathology, Cardiac Pharmacology**. Rank of Assistant Professor. Salary negotiable. Applicants should have 2 years of experience in Pathology as well as 2 years of experience in one of the above fields. Please contact

**Box 376, SCIENCE**

## POSITIONS OPEN

## EXPERIENCED TOXICOLOGIST - Pharmaceuticals -

Excellent opportunity for an experienced toxicologist to assume responsibility for toxicity testing of potential new drugs. Specific duties involve planning, conducting and reporting of projects, supervision, decision-making with internal and external laboratories, and representation of discipline within research teams. Publications encouraged.

Our principal requirement is for a person with 5 or more years' experience in pharmaceutical toxicology. Master's degree desirable but secondary to a demonstrated record of accomplishment.

Laboratories are well-equipped and located in our modern suburban facilities about 15 miles west of Philadelphia. Salary commensurate with appropriate experience; relocation benefits are liberal. Send resume in confidence to: **C. Joseph Elder, Senior Employment Administrator.**

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## FELLOWSHIPS

### AUSTRALIAN CANCER SOCIETY CANCER RESEARCH FELLOWSHIP

The Australian Cancer Society invites applications for a Cancer Research Fellowship.

The Australian Cancer Society has initiated a Research Fellowship Program. The first of the fellowships is directed at the postdoctoral level and is intended to assist a research worker at this level to become reestablished in Australia.

The Fellowship is tenable in any approved institute in Australia and normally is for 1 year. A salary up to \$8500 per annum is payable, together with \$1000 equipment grant and \$500 travel.

Closing date for applications is 1 August 1973. Applications with names of two referees and inquiries should be addressed to

**The Executive Director  
Australian Cancer Society  
P.O. Box 25  
Kogarah, N.S.W. 2217**

### THE UNIVERSITY OF ADELAIDE POSTDOCTORAL RESEARCH FELLOWSHIPS

The University will award a number of Postdoctoral Research Fellowships in 1973 and 1974. These may be held in any department of the University.

**THE NORMAL AGE LIMIT** will be 30 years, and preference will be given to an applicant who has qualified for the degree of Ph.D. or its equivalent within the last 3 years either elsewhere in Australia or in an overseas country.

**TENURE** will be for 2 years, with the possibility of extension for a third year. The present salary scale for Postdoctoral Fellows is \$A5406-279(4)-6522, but it is confidently expected that the scale will be substantially increased in 1973. Up to \$A500 will be provided toward the cost of travel in coming to Adelaide; and if the Fellow should wish to return on completion of the Fellowship to his initial base up to another \$A500 will be provided.

**APPLICATIONS** in triplicate must be made on the prescribed form. Forms and a leaflet outlining the conditions of appointment may be obtained from the Registrar, University of Adelaide, South Australia 5001, Australia. Applications are considered twice yearly and must be lodged with the Registrar by 31 July 1973 or 28 February 1974.

Symposia on—

## **DENTISTRY**

### **BIOLOGY OF THE MOUTH**

A collection of comprehensive, multi-disciplinary articles dealing with problems of the biology of the mouth and of oral diseases and also the borderlands where fundamental approaches and investigations in physics and chemistry relate to, and can be brought to bear on such problems.

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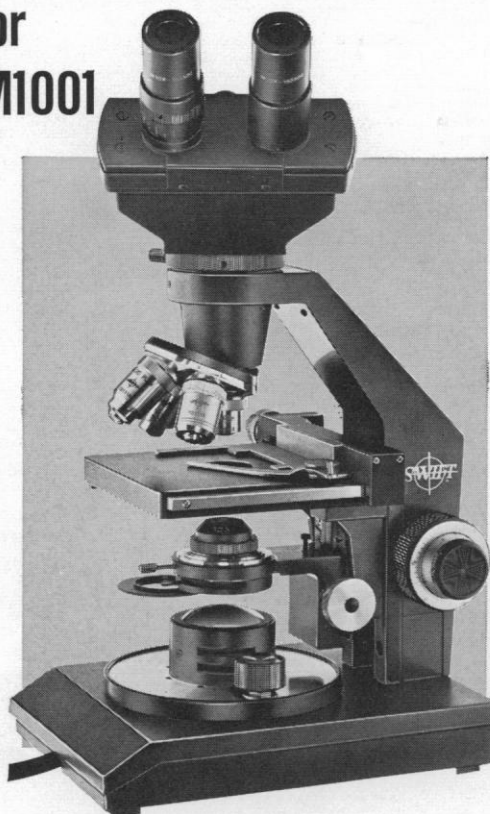
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