

# Personnel Placement

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Replies to blind ads should be addressed as follows:

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## POSITIONS WANTED

**Biochemist/Protein Chemist/Enzymologist** seeks academic or industrial position. Five years of postdoctoral experience in isolation of vitamin B6 enzymes and membrane-bound erythrocyte enzyme. No geographic preference. Box 379, SCIENCE. X

**Biologist.** Female. Ph.D. Strong background in plant pathology, entomology, plant physiology, botany, and zoology. Research experience in nematology. Desires postdoctoral research position in environmental biology. Box 380, SCIENCE. X

**Microbiologist/Biochemist.** Ph.D. 1971, woman Postdoctorate, publications, teaching. Desires research/teaching position. Membrane structure, function, biogenesis, enzymology. Eukaryotic, prokaryotic. Box 372, SCIENCE. X

**Molecular Biologist-Virologist** (Ph.D. microbiology, 1971). Publications. Teaching experience. Interest in nucleic acid metabolism. Three-year postdoctoral study of expression of RNA on-cornavirus-specific polypeptides. Tissue culture, radioimmunoassay, and related techniques. Seeks responsible academic, industrial, or governmental position. Box 381, SCIENCE. X

## POSITIONS OPEN

### ASSISTANT PROFESSOR

Position available in the Department of Surgery, University of Michigan Medical School, in the Section of Plastic Surgery. Must have M.D. degree and training of at least 3 years in General Surgery and 2 years in Plastic Surgery. Also must have passed the examination of the American Board of Plastic Surgery. Must have scholarly approach to Plastic Surgery as evidenced by teaching and research interests. Send résumé to Box 382, SCIENCE. A Nondiscriminatory Affirmative Action Employer.

### ASSISTANT PROFESSOR OF ANIMAL PHYSIOLOGY

The Department of Animal Science, University of Minnesota, is seeking applicants for a research and teaching position in animal physiology. The research effort is to be directed toward fundamental aspects of endocrine control of metabolic processes such as lactation or growth in farm animals. Teaching will include both undergraduate and graduate courses. Candidates should have earned the Ph.D. degree in physiology with emphasis on endocrinology and biochemistry and should have an understanding of animal agriculture. Résumés and requests should be sent to Dr. R. W. Touchberry, Head, Department of Animal Science, 120 Peters Hall, University of Minnesota, St. Paul, Minn. 55108.

An Equal Opportunity and Affirmative Action Employer

## POSITIONS OPEN

### ASSISTANT PROFESSOR OF MOLECULAR BIOLOGY

Applications are invited for a position as Assistant Professor in the Department of Molecular Biology, University of California, Berkeley. The applicants must have the Ph.D. or equivalent degree and have demonstrated competence in independent research on the molecular biology of eukaryotic cells or organisms. The department is particularly interested in strengthening research and teaching in both Developmental Molecular Biology and Nucleic Acid Enzymology, although outstanding candidates in other areas of eukaryote molecular biology will also be considered.

Applicants should send a curriculum vitae along with the names of three references, bibliography, and a summary of research plans to Dr. Alvin J. Clark, Chairman of Search Committee, Department of Molecular Biology, University of California, Berkeley, Calif. 94720.

The University of California is an equal opportunity employer; female and minority persons are urged to apply.

### CHAIRMAN

#### University of California School of Medicine

Applications are invited for the position of Chairman, Department of Human Anatomy, University of California School of Medicine, Davis.

We are seeking applicants with an active interest in teaching and research. Successful applicant will assume leadership in the department's role in an integrated medical school curriculum and in graduate training. Send résumé and references to Dr. Edwin G. Krebs, Chairman of Search Committee, Department of Biological Chemistry, School of Medicine, University of California, Davis, Calif. 95616. An Affirmative Action/Equal Opportunity Employer.

### CLINICAL AFFAIRS DIRECTOR

A fast-growing leader of the orthopedic implant and instrument manufacturing industry is seeking an advance-degreed individual with 5 to 8 years of experience in monitoring clinical trials and in FDA regulations, including IND and NDA preparation. Position reports to Regulatory Affairs Director. Send résumé and salary requirements to: James L. Steger, Industrial Relations Director.



**ZIMMER • USA**  
Warsaw, Indiana 46580

An Equal Opportunity Employer

### EDUCATION ASSISTANT CURATOR

The New York Zoological Society seeks a dynamic person with advanced degree in the natural sciences. Related experience and working knowledge of environmental conservation issues are also important.

Position requires the coordination and development of educational programs and material including preschool through adult and specialty areas. Must supervise instructional staff, arrange for appropriate animal exhibits, and administer the assigned activities of the Education Department.

Position is immediately available. Salary commensurate with degrees and experience. Fringe benefits package is full ranged and attractive. Please forward résumés, portfolios, and related data with salary desired to: Mr. Timothy O'Sullivan, Personnel Manager, New York Zoological Park, Bronx, N.Y. 10466. An Equal Opportunity Employer.

### IMMUNOLOGIST

Immediate opening for Ph.D. to join active transplant/immunology team at Memorial Medical Center affiliated with Southern Illinois University School of Medicine. Postdoctoral experience desirable, but consideration given to imminent or newly graduated Ph.D. with strong background in transplant/immunology. Ample research opportunities and academic appointment available. Send curriculum vitae and names of three references to Dr. Alan G. Birch, Director, Section of Transplantation, Southern Illinois University School of Medicine, c/o Memorial Medical Center, Springfield, Illinois 62707.

An Equal Opportunity Employer

## POSITIONS OPEN

### CHAIRPERSON

#### UNIVERSITY OF MICHIGAN-DEARBORN DEPARTMENT OF NATURAL SCIENCES

A growing multidisciplinary, undergraduate department in an urban university having concentration in Chemistry, Experimental Biology, Physics, Biochemistry, and Biophysical Science seeks a Chairperson for September 1975. Applicants should have proven ability in teaching and research involving undergraduates. Administrative experience is desirable. **Field of Specialization is open.** Interested applicants should send curriculum vitae and the names of three references to: Chairperson, Search Committee, Department of Natural Sciences, University of Michigan-Dearborn, 4901 Evergreen Road, Dearborn, Michigan 48128. Closing date for applications is 1 September 1974.

A Nondiscriminatory Affirmative Action Employer

#### UNIVERSITY OF SOUTHERN CALIFORNIA SCHOOL OF PHARMACY

### Faculty Position

Applications are invited for a position in pharmacology at the assistant professor level for fall 1974. The successful applicant will be expected to develop an active research program; to teach in a coordinated pharmacology, pharmacokinetics, and biomedical chemistry program; and to participate in graduate education. Teaching experience, postdoctoral training, and/or a pharmacy background desirable. Ph.D. required. Please send complete curriculum vitae and names of three references to:

Myron Weiner, Ph.D.  
Chairman, Faculty Search Committee  
University of Southern California  
School of Pharmacy  
1985 Zonal Avenue  
Los Angeles, California 90033  
Equal Opportunity Employer



Consulting Engineers and Geologists

### GEOSCIENTIST—SPECIAL SERVICES

Established, fast-growing international geotechnical consulting firm with a number of in-house specialist services (soil dynamics, earthquake engineering, seismology, geophysics, and geomorphology) needs a geoscientist who, as part of the management team, would assume the following responsibilities:

- 1) Planning and supervision of research and development.
- 2) Coordination of support services (computer, instrumentation, laboratory, or field equipment) for all specialist groups.
- 3) Organization of in-house training of all technical personnel company-wide.
- 4) Coordination and recruitment of outside consultants.
- 5) Supervision of librarians.
- 6) Promotion of specialists' services inside the company and outside.

We are looking for a mature academician with administrative experience and interests (university dean or department head) who is a technical generalist rather than a specialist.

Generous salary, bonus, fringe benefits. Location: Long Beach, California. Some travel inside and outside the United States will be required.

Reply to: Jack J. Schoustra, President, FUGRO, Inc., P.O. Box 2291, Long Beach, California 90801.

### HEAD, RADIATION THERAPY University of Maryland Medical School

Nominations and applications are invited for this position. Active consideration is under way. Send curriculum vitae to: Dr. R. D. Richards, Chairman, Search Committee, Department of Ophthalmology, University of Maryland Hospital, Baltimore, Maryland 21201.

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

# SR. MEDICAL BIOSTATISTICIAN

The Medical Research Division of CIBA-GEIGY has an opening for a Senior Medical Biostatistician who will serve as a consultant in the design and analysis of clinical studies evaluating new pharmaceutical agents. A Ph.D. in biostatistics is preferred; however, applicants with a master's degree and three or more years experience will be considered. The individual we are seeking must be capable of overseeing projects through, from start to finish. The nature of the work will be all-inclusive—i.e., Experimental Design, Development of Case Reporting Forms, Evaluating Data and Preparation of Reports summarizing the results of clinical studies. In addition, this individual will be expected to become proficient in research methodology as it applies to clinical research and keep abreast of new statistical techniques applicable to medical investigation. This position offers broad professional and personal growth potential in the area of clinical research. Compensation will be based on education and background.

For prompt, confidential consideration, please send detailed résumé including present and desired salary information to: Mr. C. R. Grupe, The Pharmaceuticals Division of CIBA-GEIGY Corporation, 556 Morris Avenue, Summit, New Jersey 07901. We are an equal opportunity employer/male and female.

## CIBA—GEIGY

**If you can  
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biochemicals,  
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a fine customer.**

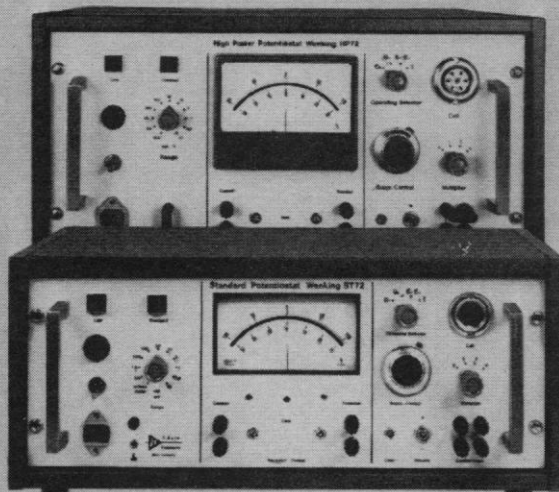
We'll guarantee orders and pay top prices to Organic Chemist (or group) who can manufacture fine biochemicals in the following areas:

- Synthetic Oligonucleotides
- Nucleic Acids
- Synthetic Peptides
- Pure Protein Preparations
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Must have own equipment for both manufacturing and purifying. Please contact:  
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**Why choose between  
high output voltage or  
high output current  
potentiostats?**

**Wenking offers both  
in the same instrument.**



"Versatile" is the only way to describe the new Wenking Potentiostats. Both the new High Power Model (HP-72, 200W output) and Standard Model (ST-72, 75W output) provide the flexibility of higher output voltage (at medium current) or higher output current (at medium voltage) simply by adjusting a multi-pin connector at the back of the instrument.

Additional new Wenking instruments include three economical PCA-72 Potential Control Amplifiers featuring 3 superimposing inputs and grounded output. The PCA's can be used in combination with auxiliary equipment for the most advanced potential control techniques. There are also new laboratory models, "fast rise" and high voltage models, scan generators, double pulse control generators, a current/voltage integrator and a precision voltmeter.

For literature on these versatile new Wenkings, just write: Wenking Division, Brinkmann Instruments, Cantiague Rd., Westbury, N.Y. 11590. In Canada, write: Brinkmann Instruments (Canada) Ltd., 50 Galaxy Blvd., Rexdale (Toronto), Ont.

## Wenking Potentiostats



## CLINICAL PHARMACOLOGIST

Our Nuclear Products Department is expanding its nuclear medicine efforts and has need for a scientist who will assume the responsibility for the organization, execution, and summation of clinical trials of new radiopharmaceuticals. This position will be located in St. Paul, Minnesota. We require that the candidates possess a Ph.D. or equivalent degree, preferably in Pharmacology. Duties include filing the IND application, organizing and executing all clinical trials, filing of the NDA, periodic reports to the regulators, and the organization and execution of clinical trials to expand product claims. Salary commensurate with experience. Outstanding employee benefits. For confidential consideration mail your résumé to:

Dean A. Lommen  
Employment Department  
3M Company—3M Center  
St. Paul, Minnesota 55101

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People still count here

**3M**  
COMPANY

## BIOCHEMIST

Opportunity for M.S./B.S. level scientist to do research in field of Lipid Metabolism as related to study of obesity. At least 2 years of experience in biochemical techniques and enzyme assays involving the use of experimental animals and radioisotopes.

The work offers many opportunities for both personal and professional development with our prominent international pharmaceuticals company. Salary will be commensurate with education and experience, plus generous company-paid benefits including profit sharing and tuition assistance.

Please send detailed résumé with salary history in confidence to Personnel Manager, Schering Corporation, 60 Orange Street, Bloomfield, New Jersey 07003.



**SCHERING CORPORATION**

Applicants of all races are encouraged to apply... Female/Male

## UNIVERSITY OF SOUTHERN CALIFORNIA

The Department of Geological Sciences will have two positions open for junior faculty. Areas of interest are:

- 1) Low-Temperature Geochemistry. Environmental interests welcome. Position available as early as September 1974.
- 2) Mineralogy-Petrology. Position available for September 1975.

Please send résumés and the names of three references to: Dr. Richard O. Stone, Chairman, Department of Geological Sciences, University of Southern California, Los Angeles, California 90007. Southern California is an Affirmative Action/Equal Opportunity Employer.

## UNIVERSITY OF SOUTHERN CALIFORNIA SCHOOL OF PHARMACY

### Faculty Position

The School of Pharmacy has openings for faculty positions in the pharmaceuticals and pharmacokinetics area and in the analytical area at the assistant professor level. Higher rank may be considered. The candidate for the former position must have primary expertise in pharmacokinetics and should have interdisciplinary training in pharmaceuticals, in pharmacology, and in modern analytical methodologies. The applicant for the latter position should demonstrate expertise and ability in modern analytical methodologies pertaining to pharmaceuticals. The candidates will be expected to participate in undergraduate and graduate teaching programs and to develop a sound research program. The School of Pharmacy is located in new facilities within the Los Angeles County/University of Southern California Medical Center. Interested applicants should send their curriculum vitae and names of three references to:

Kenneth K. Chan, Ph.D., Chairman, Search Committee, University of Southern California School of Pharmacy, 1985 Zonal Avenue, Los Angeles, California 90033.

Equal Opportunity Employer

### IMMUNOBIOLOGISTS

Faculty appointments for immunobiologists in one or more of several departments may be possible in the coming academic year. Candidates should have demonstrated independence, originality, and excellence in research and teaching. Applicants should send their curriculum vitae, bibliography, reprints, the names of three persons qualified to assess their capabilities, and a statement of future research plans to: Dr. Robert B. Uretz, Deputy Dean for the Basic Sciences, Division of Biological Sciences and Pritzker School of Medicine, University of Chicago, 920 East 58 Street, Chicago, Illinois 60637.

The University of Chicago appoints scholars without regard to race, color, sex, or national origin.

Faculty opening September 1974 for an INSTRUCTOR OR ASSISTANT PROFESSOR OF BIOLOGY with a Ph.D. Expected to teach Animal Physiology, Biochemistry, and participate in a team-taught freshman biology course. Appointment for 1 year, renewal possible. Send curriculum vitae and three letters of recommendation to:

Dr. John Manning  
Chairman, Division of Natural  
Science & Mathematics  
Rosemont College  
Rosemont, Pa. 19010

### PATHOLOGY FACULTY WANTED

For School of Medicine in development. Inquiries to: Sylvanus W. Nye, M.D., Chairman, Department of Pathology, School of Medicine, East Carolina University, Greenville, North Carolina 27834. An equal opportunity/affirmative action employer.

## INSTRUCTOR IN MICROBIOLOGY

An Instructor with a Ph.D. in medical microbiology preferably with postgraduate experience in medical microbiology and research is required to teach medical, dental, and/or graduate students. The appointment is on the tenure tract and all qualified individuals will be considered. The College is an Equal Opportunity Employer. Applications complete with curriculum vitae must be received prior to 23 September 1974 by the Chairman of the Search Committee, Department of Microbiology, College of Medicine and Dentistry of New Jersey, New Jersey Medical School, 100 Bergen Street, Newark, N.J. 07103.

## MASS SPECTROMETER AND NMR TECHNICIAN

Duties: Operate and maintain mass spectrometer and NMR instruments. B.S. or B.A. degree in appropriate technical area—chemistry, physics, or electrical engineering—required. Experience and aptitude in modern electronics and with high vacuum techniques highly desirable. Experience with one or both instruments also desirable. Successful applicant will be chosen on the basis of ability to function with minimum technical supervision. Salary commensurate with experience. Send résumé and three letters of recommendation to Dr. G. A. Cook, Executive Officer, Department of Chemistry, State University of New York at Buffalo, Buffalo, New York 14214. The University is an Equal Opportunity Employer.

## NEUROPATHOLOGIST

Joint appointment, University of Manitoba and Health Sciences Center. Exciting opportunity to play a major role in the creation of an interdisciplinary neuroscience program. Excellent research facilities. Applications to: Dr. Drummond Bowden, Department of Pathology, University of Manitoba, 770 Bannatyne Avenue, Winnipeg, Manitoba, Canada.

## ORGANIC OR MEDICINAL CHEMIST

Mayo Clinic Gastroenterology Unit seeks versatile, self-directed chemist to synthesize radioactive and unlabeled compounds for its research program concerned with pathophysiology and treatment of digestive disease. An individual is sought with recent postdoctoral experience sufficient to allow design of synthesis, purification, and characterization of novel compounds (for example, bile acids, lipids, peptides, and novel polymers); participation in research planning; instruction of physician trainees. Publications, development of grant-supported research program encouraged. Send curriculum vitae, bibliography, and names of three references to Box 383, SCIENCE.

**PEDIATRICIAN:** Board certified or qualified with training in developmental disabilities. This person will have responsibilities for training and clinical service in an interdisciplinary program. Faculty appointment in the Department of Pediatrics, University of Wisconsin Medical School.

Applications are welcomed from minority group candidates and women.

Position immediately available.  
Curriculum vitae and references should be addressed to:

Stanley Berlow, M.D.  
Diagnostic and Treatment Unit  
Waisman Center  
University of Wisconsin  
2605 Marsh Lane  
Madison, Wis. 53706

## POSITION AVAILABLE

The University of Pennsylvania School of Veterinary Medicine has an opening for Chairperson in the Department of Animal Biology. Individuals with a Ph.D., D.V.M.-Ph.D., M.D.-Ph.D., or D.V.M. degree with equivalent training in the basic science areas of anatomy, physiology, pharmacology, toxicology, biochemistry, molecular biology, or related disciplines will be considered. Position is for a more senior scientist with both research and administrative experience.

Submit résumé to Lawrence R. Soma, V.M.D., Chairman, Search Committee, University of Pennsylvania, School of Veterinary Medicine, 3800 Spruce Street, Philadelphia, Pa. 19104.

## POSITIONS OPEN

### PHYSICIST

Washington, D.C., office of national research company has an opening for a research physicist, highly skilled in latest research tools, numerical simulation of relativistic electron beams, plasma computer experiments, and systems analysis. Duties include simulation of beam dynamics through use of particle and/or fluid representation. Please send résumé and salary requirements to **Box 376, SCIENCE**.

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### THREE POSITIONS

(i) **PHYSIOLOGIST:** Faculty position available for a qualified individual (Ph.D.) with preferred specialization in vascular smooth muscle. Balanced opportunity for research and teaching. Salary and rank depends upon training and experience. (ii) **PHYSIOLOGIST:** Faculty position available for a qualified (Ph.D.) renal physiologist. Balanced research and teaching opportunities. Salary and rank depends upon training and experience. (iii) **RESEARCH ASSOCIATE:** Research position available to participate in an interdisciplinary research program in respiratory control. Training in neurophysiology is necessary. Applicants should send curriculum vitae and references to: **Dr. Fred W. Zechman, Chairman, Department of Physiology and Biophysics, College of Medicine, University of Kentucky, Lexington, Kentucky 40506.**

*An Equal Opportunity/Affirmative Action Employer*

### POSTDOCTORAL RESEARCH ASSOCIATE

\$11,000 per year. Individual must have interest in viral pathogenesis and host virus interaction. Experience in virology tissue culture and biochemistry desirable. Send résumé and letters of recommendation to: **Dr. Roger M. Loria, Microbiology Department, MCV Station, Box 847, Richmond, Va. 23298.**

### POSTDOCTORAL TRAINING IN CARCINOGENESIS RESEARCH

The University of Tennessee-Oak Ridge Graduate School of Biomedical Sciences and the Carcinogenesis Program of the Biology Division, Oak Ridge National Laboratory invites applications from recent or prospective graduates with Ph.D., M.D., or D.V.M. degrees for postdoctoral training in carcinogenesis research. Successful applicants will join an integrated, interdisciplinary research program involving pathology, immunology, genetics, virology, organic and analytical chemistry, biochemistry, and biophysics. Openings available immediately. For information and application forms write: **Training Office, The University of Tennessee-Oak Ridge Graduate School of Biomedical Sciences, Biology Division, Oak Ridge National Laboratory, P.O. Box Y, Oak Ridge, Tennessee 37830.**

*An equal opportunity employer*

### RESEARCH ASSOCIATE

Postdoctoral position available for collaborative participation in work on the characterization and comparison of DNA sequences for genetic analysis. Write to:

**L. S. Lerman  
Department of Molecular Biology  
Vanderbilt University  
Nashville, Tenn. 37232**

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

### RESEARCH PSYCHOLOGIST/ ASSISTANT PROFESSOR

One-year position open fall 1974 for Research Psychologist-Assistant Professor to have joint appointment in the Departments of Social Work and Psychology. Ph.D. required. Salary approximately \$11,000 for the academic year. Summer 1975 employment may be possible. Deadline for applications is 16 September 1974. Starting date 1 October 1974.

The individual to be hired should be a clinical psychologist with a background in behavior modification and the psychometrics of test construction. To be primarily responsible for the construction of a behaviorally based competency examination for bachelor's level social workers in the State of Montana. Approximately 75 percent research and 25 percent teaching. Responsible for one practicum group or seminar per quarter in the Department of Psychology. Send curriculum vitae and three letters of recommendation to **Joint Hiring Committee, Department of Social Work, or call (406) 243-5543.**

*The University of Montana is an Equal Opportunity Employer. Women and minorities are encouraged to apply.*

## POSITIONS OPEN

**PATHOLOGIST**—Board certified, with interest in academic pathology and research and experience in clinical and/or anatomic pathology. Affiliation with Mt. Sinai School of Medicine, 1018-bed general hospital. Contact **Dr. Fiorenzo Paronetto, Chief Laboratory Service, Bronx Veterans Administration Hospital, Bronx, New York 10468, Tel: (212) 584-9000, Ext. 400.** An equal opportunity employer m/f.

### STAFF SCIENTIST

Two staff positions for research in radio astronomy are available at the Arecibo Observatory (operated by Cornell University) in Puerto Rico. Demonstrated research ability in experimental radio astronomy is required. Backgrounds in pulsar studies or in radio interferometry would be helpful but are not required. Please send résumé to **Dr. H. D. Craft, Jr., Director, Arecibo Observatory, Box 995, Arecibo, Puerto Rico 00612.**

### TECHNOLOGIST

Washington, D.C., office of national research company has an opening for a technical innovator with broad experience in laser physics and supervising complex and ingenious research projects. Candidate will be required to develop subsystems for devices beyond the state-of-the-art. Applicants should have a proven record of ingenuity in development of technical devices. Send résumé and salary requirements to **Box 377, SCIENCE.**

*Affirmative Action/Equal Opportunity Employer*

### UNIVERSITY OF MELBOURNE AUSTRALIA NEW DEVELOPMENTS IN BIOLOGICAL SCIENCES

Starting in 1975, The University intends to present a course in First Year Biology which will emphasize Biological and Ecological principles and unifying concepts as they relate to man. Teaching methods will combine small-group discussion and self programmed investigations with lectures, tutorials and field studies.

This development presents a challenging opportunity for innovation in tertiary education. The University has seconded a senior member of the Botany School staff to direct this development and calls for applications for the following three positions:

#### LECTURER IN BIOLOGY (LIMITED TENURE) Position Number 601001

A Biologist prepared to innovate and become actively involved in this development. The main teaching responsibility will be to assist in the planning and presentation of this new course in Biology. Preference will be given to candidates with interests in animal ecology or behaviour, the genetics of higher organisms or man.

#### TUTOR IN BIOLOGY (LIMITED TENURE) Position Number 601002

A Biologist interested in playing a major role in this new development. Candidates should have an active interest in research. Preference will be given to candidates with interests in animal ecology or behaviour, the genetics of higher organisms or man. It would be possible for an appointee to proceed to a Ph.D.

#### LECTURER IN BOTANY (LIMITED TENURE) Position Number 601003

A Botanist preferably with research interests in plant development, whole-plant physiology or plant population ecology, to replace the staff member seconded to the new biology course, to undertake research and teaching at the advanced level in one or more of these areas. The appointee will also be involved in teaching broad aspects of plant science to first year students in the general biology courses offered at the University.

**QUALIFICATIONS:** for all positions—proven ability as a teacher and research worker.

**SALARY RANGE:** TUTOR—A\$5,985–A\$7,285  
LECTURER—A\$9,002–A\$12,352

Information, including details of application procedure and conditions of appointment is available from the Registrar, University of Melbourne, Parkville, Victoria, 3052, Australia. Applications referring to the appropriate position number should be addressed to the Registrar and close on 31 August 1974.

## POSITIONS OPEN

### RESEARCH SPECIALIST/ IMMUNOLOGY RESEARCH

Research specialist position available in basic research for individual with B.S. or M.S. in cell biology, immunology, or related fields. Candidate must be competent and have extensive experience in cell culture, in vivo and in vitro immunological techniques, cell separation methods, laboratory organization, supervision of technicians and direction of animal facilities. The position also includes teaching of techniques to medical and graduate students. Salary range: \$15,500 to \$17,500. Please send résumé to:

**Dr. Richard Dutton**

**Room 3091, Basic Science Building  
University of California, San Diego  
P.O. Box 109  
La Jolla, California 92037**

### TOXICOLOGIST-PHYSIOLOGIST

Staff position available for Ph.D. in toxicology, physiology or public health with strong interest and background in respiratory toxicology. Candidate must be familiar with latest developments in pulmonary function measurements and must be interested in collaborating with a team of scientists working on the acute and chronic effects of air pollutants on the respiratory tract.

Salary commensurate with experience. Send curriculum vitae and two letters of recommendation to:

**Calvin E. Lamb**

**OAK RIDGE NATIONAL LAB.**

**Personnel Division**

**Post Office Box X**

**Oak Ridge, Tennessee 37830**

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## FELLOWSHIPS

### POSTDOCTORAL FELLOWSHIP IN ENVIRONMENTAL STUDIES

The Environmental Studies Institute has immediately available a postdoctoral fellowship for the study of the environmental impact of coal processing (that is, gasification, liquefaction, coal washing, and so forth). Submit résumé and two letters of reference to **Dr. Robert W. Dunlap, Environmental Studies Institute, Carnegie-Mellon University, Pittsburgh, Pennsylvania 15213.** An Equal Opportunity/Affirmative Action Employer.

### POSTDOCTORAL FELLOW

Postdoctoral position available immediately for D.D.S. or Ph.D. to work on experimental teratology or carcinogenesis. Experience in electron microscopy and/or tissue culture is desirable. Stipend is negotiable and is subject to NIH regulations. Send curriculum vitae with list of two references to **Department of Pathology, State University of New York at Buffalo, 180 Race Street, Buffalo, N.Y. 14207.** An equal opportunity, affirmative action employer.

### POSTDOCTORAL RESEARCH FELLOWSHIP Molecular Biology and Immunology of the Coagulation System

Investigative training for Ph.D. or M.D. in Basic Research Institute. To participate in research programs devoted to the molecular immunology of the coagulation system, and the interface of the coagulation system with other molecular and cellular systems.

**Dr. Thomas S. Edgington**

**Department of Molecular Immunology  
Scripps Clinic and Research Foundation  
La Jolla, California 92037**

### POSTDOCTORAL FELLOWSHIPS IN PAIN CONTROL

Applications are invited from dentists, behaviorists, and pharmacologists or other basic scientists who would like to be trained in the area of pain control in dental practice as well as obtaining research experience in behavioral and basic medical sciences. Upon completion of this program, the fellows will be qualified to become a member of a multidisciplinary team working on the control of pain in dental patients. Send curriculum vitae and bibliography to **Dr. William L. Dewey, MCV Box 726, Medical College of Virginia, Richmond, Virginia 23298.**

*An equal opportunity affirmative action employer*



# The Maturing of American Science

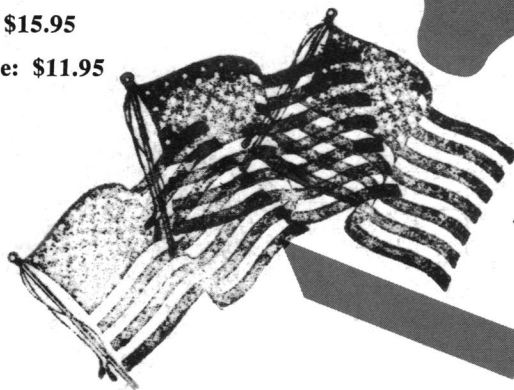
This volume traces the development of science in America during the past 50 years through a selection of the presidential addresses of the American Association for the Advancement of Science. Published together for the first time, these addresses by well-known scientists explain the complex problems of the relationship between science and society and highlight the important changes that have taken place in the 20th century. The thoughtful introduction by Professor Robert Kargon of The Johns Hopkins University carefully sets the stage for the addresses. The addresses themselves show, for example, how closely science funding has been related to defense since World War II. They also show that McCarthyism was a critical problem for the development of science in America, that scientists were deeply concerned about ecology long before it became fashionable, and that scientists are human beings as well as scientists. Above all, the addresses will leave the reader with an appreciation of how humane and responsible the scientific tradition has been in the United States.

**Edited by: Robert H. Kargon**

**250pp. Index. ISBN  
Number 0-87168-212-5**

**Retail price: \$15.95**

**Member price: \$11.95**



AAAS

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