NEWS AND COMMENT

(Continued from page 428)

RECENT DEATHS

Nikanan B. Andersen, 46; professor of anesthesiology, Case Western Reserve University; 29 June.

Pyotr K. Anokhin, 76; former director, Institute of Physiology, Academy of Medical Sciences, U.S.S.R.; 6 March.


Samuel Herrick, Jr., 62; professor of astronomy and engineering, University of California, Los Angeles; 21 March.

Herman E. Hilleboe, 68; former assistant U.S. surgeon general; 11 April.

George D. Humphrey, 76; former president, University of Wyoming and Mississippi State College; 10 September 1973.

Robert H. Ivy, 93; professor emeritus of plastic surgery and maxillofacial surgery, University of Pennsylvania Medical and Dental Schools; 12 June.

Robert R. Kaufmann, 62; former professor of metallurgy, Massachusetts Institute of Technology; 7 June.

Raymond E. Manchester, 90; former chairman, mathematics department, Kent State University; 14 April.

Mahafud Nazario, 42; associate professor of biochemistry and molecular biology, University of Kansas Medical Center; 1 June.

Howard P. Parker, 69; former associate professor of obstetrics and gynecology, George Washington University; 8 July.

Patrick E. Pellecchia, 52; associate professor of community medicine, Temple University; 29 May.

Robert F. Sider, 45; professor of geology, Kent State University; 5 June.

David Spiro, 52; chairman, pathology department, New York Medical College; 5 July.

C. George Tedeschi, 69; clinical professor of pathology, Boston University School of Medicine; 26 June.

Wayne Thornburg, 55; former associate professor of cytology, biochemistry, and biology, Dartmouth Medical School and College; 21 May.

William C. Wheeler, 46; former professor of microbiology, Johns Hopkins University; 22 March.

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1 NOVEMBER 1974
ANTHROPOLOGY

Scarbrough College, University of Toronto, expects to hire a Physical Anthropologist—subject to final salary level commencing 1 July 1975, with interest in some combination of: osteology, paleoanthropology, and paleoanthropology. The teaching load will be two and a half courses including graduate level instruction which is carried out on the St. Joseph campus. The position is subject to the consent of the Canadian National College of Science. Please send inquiries and curriculum vitae to Professor G. W. Farnsly, Chairman, Division of Social Sciences, Scarbrough College, University of Toronto, West Hill, Ontario, Canada M1C 1A4.

ASSISTANT PROFESSOR

Position available in the Department of Pharmacology for a researcher with research and teaching qualifications and experience in experimental neuro.oncornaviruses. Applicants (M.D. or Ph.D. required) should send curriculum vitae to: Dr. Robert L. Volle, Department of Pharmacology, Pennsylvania State Health Center, Farmington, Conn. 06032. Women and minorities welcomed. An Equal Opportunity/ Affirmative Action Employer.

ASSISTANT PROFESSOR OF ANATOMY

THE UNIVERSITY OF NEW MEXICO SCHOOL OF MEDICINE

Recent Ph.D. and/or M.D. graduate with post-doctoral experience to conduct an independent research program in neuroendocrinology or related areas. Special emphasis on Neuro-, endocrinology, and Gross Anatomy within a growing neuroscience program. Salary is negotiable. Send curriculum vitae, bibliography, and three letters of recommendation. Chair, Department of Anatomy, The University of New Mexico, 1515 Massachusetts Ave., Albuquerque, N.M. 87131.

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DEAN, SCHOOL OF SCIENCE

Purdue University invites applications and nominations for the position of Dean of the School of Science. Candidates should be successful scientists with a record of administrative achievement.

Purdue University is an Equal Opportunity/Affirmative Action Employer.

DEAN, GRADUATE SCHOOL

UNIVERSITY OF LOUISVILLE

Applications and nominations are invited for the position of Dean of the Graduate School. Responsibilities will include the continuation and development of master's and doctoral programs at a high level of excellence. The Dean should be qualified for professional rank in one of the units of the Graduate School.

The University of Louisville is a state-supported, coeducational, urban institution which awards approximately 40 percent of its degrees in graduate and graduate-professional programs. Current Graduate School enrollment is 2500.

Send nominations or applications with supporting documentation to: Dr. Felix Haas, Provost, Purdue University West Lafayette, Indiana 47907.

Purdue University is an Equal Opportunity/Affirmative Action Employer.
BIOLOGY. Chairperson of Department of Biology, Tennessee Technological University. Qualifications: Ph.D. in biological chemistry; administrative, teaching, and research experience; orientation in biomedical sciences. The Department currently has 15 faculty members, plus 10 Ph.D. students, 40 graduate students, and about 200 undergraduate majors. It is affiliated with the Tennessee Co-operative Education and Work Experience Program. The Biological Station on nearby Center Hill Lake, degree of B.S. in biology, B.S. in Wildlife Management. Apply to Richard H. Furse, Dean of Arts and Sciences, Tennessee Technological University, Cookeville, Tennessee 38501.

An Affirmative Action/Equal Opportunity Employer.

FACULTY POSITIONS

Research-oriented individual for faculty position in the area of biological chemistry or physical chemorutology. Teaching responsibilities include physical chemistry, organic chemistry, biochemistry, and general chemistry. The position is available immediately. A Ph.D. in chemistry or chemorutology is required. Salary range is $18,000 to $21,000, plus fringe benefits. Send curriculum vitae and names of three references to: Dr. John M. Dewey, Dean of Natural Sciences, Farmington College, Farmington, California 94143.

An Equal Opportunity Employer.

SEMINAR ON THE UNIVERSITY OF CONNECTICUT HEALTH CENTER

Applications are invited for two faculty appointments to be made during the 1975-76 academic year, one at the level of associate professor or professor and the other at the assistant professor level. Preference will be given to candidates with research training and experience in animal virology or virology of minority groups. Inquiries should include a complete curriculum vitae and the names of three referees. Applications should be sent to: Lawrence Rothfield, Department of Microbiology, University of Connecticut School of Medicine, Farmington, Connecticut.

An Equal Opportunity Employer.

NEUROBIOLOGIST

Opening available in Department of Anatomy for a neuroscientist with postdoctoral experience in neurobiology and experience in teaching. Must be able to teach effectively and develop research training for a postdoctoral research program. Primary teaching responsibility will be to preclinical, and graduate students in an integrated curriculum, but some participation in other anatomical disciplines is possible. Rank and salary dependent on qualifications.

Applications from women and members of minority groups are welcome. Apply to: Dr. S. J. Cooperstein, Department of Anatomy, University of California, San Francisco, California 94143.

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UNIVERSITY OF PENNSYLVANIA

DEPARTMENT OF PATHOLOGY

In accordance with University principles of fair practice employment, applications are invited for a faculty position with major research interest in Immunopathology. Applicants preferred who are certified or eligible for certification, in pathology, and must be interested in having hospital service responsibilities. Applications should include curriculum vitae and three references, should be sent to: Dr. David T. Rowlands, Jr., Chairman, Department of Pathology, University of Pennsylvania, School of Medicine/G3, Philadelphia, Pa. 19174.

PEDIATRIC SURGEON

University of California, Irvine. Department of Surgery is recruiting a surgeon at the rank of associate professor as the Assistant Professor level (in-residence). Must have completed either a general surgery board certification in pediatric surgery, or four years of general surgery, plus fellowship training in cardiothoracic surgery, regulation; and developmental patterning. Organs used include mycophenols, utrophobic bac- teria, blue-green algae, cellulosic slime molds, and mesenchymal tissue to flowering plants. Salaries start at $9600. Admissions are for: (a) one year starting 1 year 1975 or thereafter, renewable once. The number of appointments is dependent upon available funds with commitments to be made in specific number of applications and application forms, please send a resume to:

Dr. Anton Lang, Director

MU/UC/EC Plant Research Laboratory

Michigan State University

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PATHOLOGIST AND TOXICOLOGIST

To fill an important position in a dynamic and growing contract pathology organization, a staff Medical Director, M.D. or D.V.M. Prior experience in rat and Mouse Carcinogenicity Studies and experience with the preparation of a poly- genic bioassay field. Salary commensurate with experience and state regulations. Affirmative action requirements. Benefits include 3 weeks’ vacation each year, group life, hospitalization, and major medical insurance as appropriate. Applications are now being accepted by: Personnel Manager, Gulf South Research Institute, 8000 GSRI Avenue, Baton Rouge, Louisiana 70808.

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FACULTY APPOINTMENTS IN BIOCHEMICAL ENGINEERING

The department has recently moved into new, enlarged, and well-equipped facilities and is expanding. Faculty positions presently available are at the Assistant Professor rank but appointments may be made at Associate Professor, depending on experience. Duties involve teaching medical and graduate students. Applicants will be expected to develop independent research programs and supervise the training of Ph.D. candidates.

All applicants should have at least 2 to 3 years of postdoctoral training, proven research ability, and a record of graduate teaching in their field. In addition to fundamental research, excellent opportunities exist for collaboration with clinicians in various areas of medical research. The department seeks individuals with research interests in the following areas: (i) the nature and expression of eukaryotic genes and (ii) immunology concerned with the role of antibody in the body immune system. Applications should include outline of future research plans to: Dr. Harry Radney, Director, Department of Biological Chemistry, University of Cincinnati, Cincinnati, Ohio 45267.

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RESEARCH ASSOCIATES 1975

For research in science and engineering in the following laboratories of the NATIONAL RE-SEARCH COUNCIL OF CANADA:

Atlantic Regional Laboratory

Division of Building Research

Division of Chemical Engineering

Division of Mechanical Engineering

Division of Physical Sciences

Prairie Regional Laboratory

Research and Engineering Division

Beginning 1 April 1975, the National Research Council of Canada will offer Research Associateships tenable in its laboratories. These Associate- ship positions are open to scientists and engineers an opportunity to work on challenging research problems in fields of interest to NRC as a stage in the development of their research careers.

Applications should possess at least a Ph.D. in natural science or a Master’s degree in an engineering field or expect to obtain the degree before taking up the award. Demonstrated ability to perform original research of high quality in the chosen field will be the principal criteria used in selecting candidates and in considering extensions of term.

While preferences will be given to Canadians, the Associateships are open to nationals of other countries who can show evidence that they must meet the requirements for entry to Canada.

Research Associates will be offered salaries and staff benefits comparable to those currently available to members of the regular staff of the National Research Council.

Applications are welcome for a period of 1 year and may be renewed at intervals for a total period of up to 5 years.

An allowance will be provided toward the cost of travel between the place of residence at the time the appointment is made and the laboratory at which the Associateship is held. A similar allowance may be made for return travel on completion of the Associateship.

Applications must be made on special forms which are available from the National Research Council, Ottawa, Ontario, Canada K1A 0R6. Applications must be received in Ottawa not later than 15 January 1975.

National Research Council

Conseil national de recherches Canada 463
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- OIL SPILLS AND THE MARINE ENVIRONMENT
  Boonsch et. al., 112 pp, $7.00/2.50p
- ENERGY TAXES AND SUBSIDIES
  Brannon, 198 pp, $8.50/2.95p
- STUDIES IN ENERGY TAX POLICY
  Brannon (Ed), 360 pp, $15.00/5.95p
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  The Brookings Institution, ca 280 pp, $13.50/4.95p
- STUDIES IN ELECTRIC UTILITY REGULATION
  Cicchetti and Jurwitz (Eds), 224 pp, $14.00/5.50p
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  The Conference Board, 736 pp, $20.00/9.95p
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The position requires a D.V.M. or a Ph.D. and a minimum of 3 years experience in Animal Pathology. Duties will include gross and microscopic evaluation of animals used in toxicological studies for new drug candidates. Will also participate as a member of a new drug team.

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BIOCHEMIST

(Post-Doctoral Fellow)

The Lawrence Livermore Laboratory, located in a rural San Francisco Bay Area community, has a post-doctoral opening for a Ph.D. in biochemistry whose specialty is protein chemistry. You will isolate and characterize serum apolipoproteins with particular emphasis on determination of amino acid sequence. The successful applicant will be knowledgeable either in lipid/protein biochemistry and chemistry or in protein chemistry with emphasis on determination of protein structure. This appointment will be for one year with the possibility of renewal.

For further information or to apply, please send your curriculum vitae to:

Lawrence Livermore Laboratory
5851 Capitol Avenue
Livermore, California 94550

- 564 -

ICl United States, Inc.
**CHAIRPERSON OF BIOLOGY DEPARTMENT**

Qualifications: Ph.D., at least 10 years of teaching experience, ability to exercise strong leadership for a developing biology department of 11 faculty members with 140 majors. Aside from majors, the department services physical science, physical education, and medical technology. Proposed programs are nursing and a Master of Arts in biology.

Rank: Professor.

Salary: Competitive (absolute minimum $20,000).

Address inquiries to Academic Dean, Salisbury State College, Salisbury, Md. 21801. Equal opportunity employer.

**DEVELOPMENTAL OR CELL BIOLOGIST LECTURER, TEMPORARY**

One-semester position available beginning 17 January 1975 to teach an intermediate level lecture course (50 to 150 students) in developmental biology or molecular aspects of cell biology. Candidate must have Ph.D. and preferably teaching experience.

Please send curriculum vitae, reprints, and three letters of recommendation to:

Dr. Mary Ella Feinleib
Acting Chairman
Biological Department
Tufts University
Medford, Mass. 02155

Application deadline: 15 November 1974. Tufts University is an Equal Opportunity/Affirmative Action Employer. Applications from women and minority candidates are especially welcomed.

**DIRECTOR OF RHEUMATOLOGY DIVISION**

Department of Medicine. Applications for this position from qualified individuals are requested. Columbia University is an affirmative action equal opportunity employer and women and minority group members are encouraged to apply. Send curriculum vitae and bibliography to Charles Ragan, M.D., Department of Medicine, Columbia University College of Physicians and Surgeons, 630 West 168 Street, New York, N.Y. 10032.

**DIRECTOR OF RESEARCH AND DEVELOPMENT LABORATORY**

The University of Washington seeks experienced administrator in science or engineering for Applied Physics Laboratory with staff of 150 engaged in sponsored research cooperating with other university divisions. Most activities are ocean related, a substantial part for the U.S. Navy. The director must have extensive research and development experience and must be qualified for appropriate faculty appointment, preferably with faculty experience. Send résumé and availability to: Dean of Engineering, University of Washington, Seattle, Wash. 98195. An equal opportunity employer.

**ECOLOGIST**

**TUFTS UNIVERSITY**

Faculty position available September 1975. We seek applicants with graduate training in population dynamics, patterns in the distribution of species, and community interactions. Candidates should have demonstrated independence, originality, and excellence in teaching and research. Duties include: sharing teaching in a general ecology course and an introductory biology course, offering a course in one's specialty, conducting research in that specialty, and directing graduate students in field and laboratory work. The appointment will be at a level commensurate with experience and ability.

Send résumé, reprints, a brief statement of future research plans, and three letters of reference to:

Dr. Benjamin Dane
Chairman, Search Committee
Department of Biology
Tufts University
Medford, Massachusetts 02155

Application deadline: 10 January 1975.

Tufts University is an Equal Opportunity/Affirmative Action Employer. We encourage applications from women and minority-group members.

**ENGINEER**

with strong electrical engineering background and industrial experience desired to work in Biomedical Engineering Section of the American Red Cross Blood Research Laboratory. Master's degree in electrical or instrumentation engineering preferred. The position will assist in the design, development, testing, and evaluation of equipment used in blood banking operations. EOE. Please send résumé to Kaye Borsek, Office of Personnel, American National Red Cross, 18th and D Streets, NW, Washington, D.C. 20006.

**FACULTY POSITION**

The Department of Poultry Science invites applications for a position at the Assistant or Associate Professor level in the field of poultry management, involving both research and teaching responsibilities. Experience or training in the area of poultry nutrition is desirable. The position will be available 1 January 1975 or shortly thereafter. Completed applications are desired as soon as possible, but will be accepted for consideration until 30 November or until the position is filled, whichever is later. Columbia University is an Affirmative Action Employer and encourages applications from qualified women and minorities, or information about the department and the position requirements, contact: Dr. G. H. Arscott, Head, Department of Poultry Science, Oregon State University, Corvallis, Ore. 97331.

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1 November 1974
**PHYSIOLOGISTS OPEN**

Two opportunities: one in Respiratory Physiology (Pulmonary Mechanics) and one in Membrane Transport (Epithelial or Renal Physiology). Preference to a highly qualified young and independent researcher, for a 1-year contract. Send curriculum vitae and bibliography to Dr. Leopoldo Meis, Institute of Biophysics, Universidade Federal do Rio de Janeiro, Ilha do Fundao, Rio de Janeiro, GB, Brazil.

**POSTDOCTORAL POSITION**

Immediate opening for biochemist with training in protein isolation and characterization to study molecules modified by bio-transformation products of drugs. Contact R. R. Becker, Department of Biochemistry and Biophysics, Oregon State University, Corvallis, Oregon 97331.

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**POSTDOCTORAL RESEARCH**

Recent biochemical experience in enzymology, protein chemistry, and amino acids. Send résumé and references to Dr. Sarah Ratner, Department of Biochemistry, 455 First Avenue, N.Y. 10016.

**POSTDOCTORAL FELLOWSHIP**

Battelle’s Columbus Laboratories has the following immediate opening in molecular toxicology, available 1 January 1975, for one year with possible renewal for a second year. The successful applicant should possess a Ph.D. in Pharmacology or Toxicology and have experience in either drug metabolism, molecular toxicology, or antineoplastic drugs. Salary $12,000 per year. Send résumé to: Philip L. Morris, Columbus Laboratories, 505 King Avenue, Columbus, Ohio 43201.

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**PHARMACOLOGIST/TOXICOLOGIST POSTDOCTORAL FELLOWSHIP**

Opening in Columbus Laboratories for a postdoctoral position in toxicology. Applicants should have a Ph.D. in pharmacology or toxicology and experience in basic research, preferably in the area of mammalian pharmacology and toxicology. Salary $15,000. Send résumé and three letters of recommendation to: Dr. Robert J. Caruthers, Jr., Director, Center for Environmental Health, 511 WARP Building, University of Wisconsin, Madison, Wisconsin 53706.

**DEPARTMENT OF PHYSIOLOGY AND PHARMACOLOGY**

**UNIVERSITY OF PENNSYLVANIA SCHOOL OF DENTAL MEDICINE**

This new department expects to make two appointments as assistant professor level by the following academic year. Applicants are invited who have demonstrated research excellence and interests in various aspects of cellular physiology or pharmacology. Interested candidates should send curriculum vitae and bibliography to: Dr. Richard Orkand, Department of Physiology and Pharmacology, University of Pennsylvania, School of Dental Medicine, Philadelphia, Pa. 19174. An Equal Opportunity Employer.

**DEPARTMENT OF PLANETARY SCIENCES LUNAR AND PLANETARY LABORATORY UNIVERSITY OF ARIZONA TUCSON, ARIZONA 85721**

Applications are invited for appointments as Research Associate in the programs in Planetary Sciences and Lunar and Planetary Laboratory, University of Arizona, Tucson, Arizona 85721, before 1 January 1976. Letters of recommendation, directed as above, should be requested from at least three persons who are well acquainted with the applicant’s accomplishments and research background.

The University of Arizona is an Equal Opportunity Employer.

**DEPARTMENT OF PLANETARY SCIENCES LUNAR AND PLANETARY LABORATORY UNIVERSITY OF ARIZONA TUCSON, ARIZONA 85721**

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The University of Arizona is an Equal Opportunity Employer.

**PROFESSOR OF OCEANOGRAPHY UNIVERSITY OF MICHIGAN**

The University of Michigan announces a staff opening at the senior level for the position of Professor of Oceanography. Applicants should have demonstrated research capability in observational aspects of marine geology, marine chemistry, ocean physics, and have had experience in management of large research programs. An academic background is desirable, but not required. Applicants may also be considered as candidates for the directorship of the Great Lakes and Marine Waters Center. Complete curriculum vitae and names of three referees should be sent to: Dr. A. W. Bogue, University of Michigan, Ann Arbor, Michigan 48104.

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**RESEARCH ASSOCIATESHIP IN MOLECULAR STRUCTURE**

Ph.D. in Chemistry, Biochemistry, Physics interested in determining geometry of nucleic acids of special composition or sequence, or the structures of connective tissue and bacterial polysaccharides by x-ray diffraction analysis of fibers and computer model building. Send detailed curriculum vitae containing names of two referees to Professor Stritmatter, Biomedical Sciences, Purdue University, West Lafayette, Indiana 47907.

**SCIENTIFIC LIBRARIAN VACANCY**

University of Louisville, located in Louisville, seeks a qualified candidate for a Scientific Librarian in the University Libraries. Responsibilities: provide library service to the faculty and students of these departments. Requirements: 2 to 5 years of library experience, accredited M.L.S., training in chemistry, biology, or other relevant science. Benefits: 22 working days of vacation, 10 holidays, medical insurance, liberal fringe benefits, salary open. Apply to: University of Louisville, University Libraries, Belknap Campus, Louisville, Kentucky 40208.

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**TISSUE CULTURE TECHNICIAN**

Opening in a Chicago suburb hospital for an individual with training and/or experience in tissue culture and immunological techniques to work as a technician in a research laboratory. Biochemical background desirable, but not essential. Excellent salary and benefits. Please send résumé to Box 479, SCIENCE.

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**SCIENCE, VOL. 186**

**POSTDOCTORAL RESEARCH**

Limnology- or biology-trained postdoc with modeling experience to work on littoral zone research. Seven months definite plus possible extension to additional 24 months. 15 January 1975. $950 to $1650 per month.

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Apply with three letters of recommendation to: Littoral Zone Program, Institute for Environmental Studies, 511 WARP Building, University of Wisconsin, Madison, Wisconsin 53706.

**PHYSIOLOGIST**

Applications are invited for a possible faculty appointment in teaching and research in the DEPARTMENT OF PLANETARY SCIENCES AND LUNAR AND PLANETARY LABORATORY, UNIVERSITY OF ARIZONA. Particular needs exist in observational and theoretical planetary fluid dynamics and in dynamical astronomy. Inquiries from interested individuals, including accomplishments in other subdisciplines will also be considered. Applications, accompanied by résumé, statement of research interests, and complete bibliography, should be sent to Dr. C. P. Sonett, Department of Planetary Sciences and Lunar and Planetary Laboratory, University of Arizona, Tucson, Arizona 85721, before 1 January 1976. Letters of recommendation, directed as above, should be requested from at least three persons who are well acquainted with the applicant’s accomplishments and research background.

The University of Arizona is an Equal Opportunity Employer.

**POSITIONS AVAILABLE**

Two positions will be available in the Department of Biological Sciences, Mississippi University for Women, Columbus, in 1975. One position will involve teaching with an opportunity for research; graduate (M.S.) and undergraduate courses, rank and salary open. Ph.D. required.

Microbiologist, General Microbiology, Microbiological Physiology, and Microbial Pathology. Applicants with demonstrated biochemical experience in microbial physiology required. Salary $8,000. Submit curriculum vitae to: Dr. Harry L. Schemmer, Department of Biological Sciences, Mississippi University for Women, Columbus, Mississippi 36701; Three letters of recommendation required.

**APPLICATIONS**

Applications are invited for appointments as Research Associate in the programs in Planetary Sciences and Lunar and Planetary Laboratory, University of Arizona, Tucson, Arizona 85721, before 1 January 1976. Letters of recommendation, directed as above, should be requested from at least three persons who are well acquainted with the applicant’s accomplishments and research background.

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**POSTDOCTORAL POSITION**

Presently available for Ph.D. in Biochemistry, Salary $10,000. Research on bacterial RNA polymerase with emphasis on structure/function. Send curriculum vitae and three letters of recommendation to: Dr. J. Krakow, Department of Biological Sciences, Hunter College, New York University, New York, N.Y. 10021.

**POSTDOCTORAL POSITION**

Vacancy immediately, Research in Immunology-Biochemistry Department. Chemical and physical properties of IgG. Experience in an immunological laboratory required. Salary $12,000. Submit curriculum vitae to: Dr. Paul A. Libert, Department of Biochemistry, Jefferson College, 1050 Locust Street, Philadelphia, Pennsylvania 19107.

**PROFESSOR AND HEAD**

Department of Surgery, University of Connecticut School of Medicine. Nominations and applications invited. Applicants from women and minority groups are particularly encouraged. Send curriculum vitae and references to: Dr. Ethan T. Colton, III, Chairman, Search Committee, University of Connecticut School of Medicine, Farmington, Connecticut 06032.

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**PSYCHOPHYSIOLOGIST-PHYsiological PSYCHOLOGIST**

Assistant Professor. Must have nonclinical area considered, but must have particular competence in psychophysiology and be able to teach physiological psychology. Send résumé and references to: Kenneth R. Henry, Department of Physiology, University of California, Davis, California 95616.

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**RESEARCH ASSOCIATE**

Position immediately available for person with training in biochemistry and/or endocrinology to work in areas of in vitro metabolism, endocrinology, and steroid hormone biosynthesis of endocrine tissues. Salary $11,000 to $12,000. Reply, including curriculum vitae and references to: Dr. R. A. Melgs, Department of Reproductive Biology, School of Medicine, Case Western Reserve University, Cleveland, Ohio 44106. An equal opportunity employer.
POSITIONS OPEN

The Department of Pathology at the Harvard Medical School invites applications from qualified candidates for postdoctoral fellows and residents in the following fields: Cell Biology and Experimental Pathology with Dr. Morris J. Karnovsky; Viral Oncology with Dr. Thomas D. Gascoyne; and Immunology with Dr. Albert W. Cowen, Dr. David H. Katz, Dr. Carl W. Pierce, and Dr. Emil R. Unanue. Information on these positions may be provided by the research programs of the members of the Department when applicable or will be available from the Executive Secretary of the Department. Applications may be made to the Department at 2 Shattuck Street, Boston, Mass., 02115. Opportunities are available to work in either of the new laboratories which are under construction and to which applications are urged to be made. We are an affirmative action, equal opportunity employer.

SCIENTIFIC PROGRAMME OFFICER

Applications are invited for a physical or biological scientist with substantial postgraduate experience in any discipline to accept administrative, executive, and liaison responsibilities within an international research group. The group, directed by Prof. Monty H. Mining and Assessment and forms part of the activities of the office of the President of the Environment (International Council of Scientific Unions). The appointment is for 1 year renewable for up to 2 years and will be within the University of London at the upper end of the lecturer scale, above the level of £2580 to £5976 plus £253 London allowance, depending upon age, qualifications, and experience. Duties will include liaison with international scientific unions, the organization of scientific workshops and symposia, coordination of the research group activities, and provision of administrative assistance. Fluency in French would be an advantage.

Further particulars of the above post and conditions of appointment may be obtained from the Appointments Officer, Chelsea College, Manresa Road, London SW3 6X England, to whom applications, giving the names of two referees should be sent by November 15.

STATISTICS DEPARTMENT CHAIRPERSON

Ph.D. and national international recognition in statistics is desirable. Responsibilities include the development of graduate curriculum, recruitment, administrative ability and interest in both applied and theoretical statistics. Salary competitive. Applications in charge of faculty, 12, extensive interdisciplinary contract activities, and statistical laboratory. Applications accepted December 1.

Contact: Dr. Richard Sekkow, Chairman, Search Committee, C7 Social Science Building, Colorado State University, Ft. Collins, Colorado. Colorado State University is an equal opportunity employer. Ethnic minorities and women are encouraged to apply.

POSITIONS OPEN

RESEARCH ASSOCIATE, Ph.D.

Emphasis on human genetics, postdoctoral experiences preferred, to assist students in data analysis. Salary $15,000. Write John A. Hunt, Chairman, Department of Biology, University of Hawaii, Honolulu, Hawaii 96822.

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POSTDOCTORAL FELLOWSHIP IN CANCER RESEARCH

Immediate openings for postdoctoral associates in studies to be concerned with development and therapy of viral and cellular leukemias in murine and human systems. Recent Ph.D. with background in hematology and/or immunology preferred. Annual stipend $10,000. Send curriculum vitae, references, and letter of interest to James P. O'Keane, Ph.D., Head, Viral Oncogenesis and Pathogenesis Program, National Cancer Institute, Clinical Radiation Therapy Research Center, Allegheny General Hospital, Pittsburgh, Pa. 15212.

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POSTDOCTORAL FELLOWSHIP IN EXPERIMENTAL PATHOLOGY

Applications are invited for the C. H. Best Foundation Postdoctoral Fellowship in the Banting and Best Department of Medical Research. The position is available for approximately 1 year, starting July 1975. Applicants must have a Ph.D. degree, with a postdoctoral appointment. The fellowship is intended to permit a period of independent research in experimental pathology. Applicants are invited to have their training in their research areas being investigated by department staff should submit their applications before 1 February 1975. Applications should include curriculum vitae, specific research interest, and the names of three references. A list of staff members and their research interests will be sent upon request. Applications or inquiries should be sent to: Dr. C. C. Yip, Banting & Best Department of Medical Research, University of Toronto, Toronto M5G 1L6, Ontario, Canada.

PREDOCTORAL FELLOWSHIP IN NEUROBIOLOGY

Applications are invited for the Banting and Best Department of Medical Research. The position is available for 1 year, starting July 1975. The fellow will be a degree candidate in Biological Psychology. The Department is actively involved in research in neurobiology and the fellow will be given considerable opportunities to participate in one or more of these research areas. The research opportunities are primarily in the areas of vision, hearing, and behavior. Applicants are encouraged to submit their applications or inquiries before 1 February 1975. Applications should include curriculum vitae, specific research interest, and the names of three references. A list of staff members and their research interests will be sent upon request. Applications or inquiries should be sent to: Dr. C. C. Yip, Banting & Best Department of Medical Research, University of Toronto, Toronto M5G 1L6, Ontario, Canada.

COURSES

The Division of Continuing Education at the University of Arizona, the American Smelting and Refining Company (ASARCO), and the Phoenix Airport Authority (PAA) are sponsoring a 1-week short course on land use and land management in the Southwest. 6-10 January 1976. Location: The Brant PlacE Hotel at Tucson, Arizona. This course will be of particular interest to those involved in public administration, and researchers interested in related land use planning and use. Further information may be obtained by writing to Conference Numbers, Division of Continuing Education, University of Arizona, Arizona 85721, or telephone 602-884-1322.

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