

NEWS AND COMMENT

(Continued from page 243)

bate on the military appropriations bill on 21 August. Goldwater is known as a consistent advocate of ample military budgets who does not confine his enthusiasm to the R & D sector, but during the debate he teamed with Senator Thomas J. McIntyre (D-N.H.) in a colloquy which reflected McIntyre's quite different rationale for opposing cuts in R & D funds.

McIntyre for 6 years has headed the Senate Armed Services Committee's subcommittee on research and development and has generally been an advocate of economy in the defense budget. He has opposed cuts in research funds, arguing that it is important for the United States to avoid technological surprise and thus make it feasible to reduce spending in other sectors of the budget.

This view is shared by a number of legislators who favor cuts in the overall defense spending. And since the Administration's impending military budget request has already been identified by some congressional critics as a big and debatable one, the case for R & D is likely to be given more prominence than usual.—JOHN WALSH

RECENT DEATHS

Richard G. Bader, 54; director, sea grant program. University of Miami; 31 October.

Raymond D. Bennett, 89; professor emeritus of education, Ohio State University; 21 October.

Walter E. Blackburn, 66; dean, College of Environmental Sciences, Murray State University; 20 September.

Ernest C. Colwell, 73; former president. University of Chicago; 12 September.

Frederick A. Conrad, 89; professor emeritus of sociology, University of Arizona; 27 September.

Edward H. Dusham, 87; professor emeritus of entomology, Pennsylvania State University; 25 September.

Robert S. Evans, 62; professor of medicine, University of Washington; 25 September.

Alfred O. Hallowell, 81; professor emeritus of anthropology, University of Pennsylvania; 10 October.

Glenn L. Jepsen, 71; retired professor of vertebrate paleontology, Princeton University; 15 October.

James A. Johnson, 91; former profes-

sor of surgery, University of Minnesota; 24 September.

Anselm M. Keefe, 79; professor emeritus of biology, St. Norbert College; 14 October.

William O. Kenyon, 69; retired head, chemistry division, Kodak Research Laboratories; 27 October.

Edward Larson, 76; professor emeritus of zoology, University of Miami; 5 October.

Aleksandr Letov, 62; deputy director, International Institute of Applied Systems Analysis, Austria; 29 September.

Frederick N. Miller, 81; former professor of chemistry, John Carroll University; 30 September.

Robert L. Moore, 91; professor emeritus of mathematics, University of Texas, Austin; 4 October.

Henry J. Sallach, 52; professor of physiological chemistry, University of Wisconsin, Madison; 14 September.

Paul R. Saunders, 58; professor of physiology, School of Medicine, University of Southern California; 31 October.

Charles J. Willard, 85; professor emeritus of agronomy, Ohio State University; 13 September.

Oliver S. Willham, 73; president emeritus, Oklahoma State University; 29 September.

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POSITIONS WANTED

Broadly trained **Biochemist/Cell Physiologist**. Ph.D. Twelve years of professional experience: control mechanisms—nucleic acids, ribosomes, proteins, membranes, chromatin, DNA repair; endocrinology, tissue culture, carcinogenesis. Publications. Some teaching. Extremely capable. Seeks permanent position research and/or teaching. Basic or clinical department. Available March 1975. Box 30, SCIENCE. X

Biologist/Plant Physiologist. M.Sc. 1969; Ph.D. 1974. Background in mycology; tissue culture. Experience in polysaccharide analysis, GLC, column chromatography, undergraduate teaching, seeks post-doctoral fellowship or teaching post. Box 31, SCIENCE. X

Multifaceted **Biologist**. Ph.D. Two years of teaching experience (introductory biology, botany, ecology), 3 years of research (human cytogenetics). Prefer teaching above areas, genetics, plant anatomy, morphology, cytology, evolution. Box 32, SCIENCE. X

Electron Microscopist. M.A., seeks technical position. TEM, tissue culture, immunological techniques. Write Box 33, SCIENCE. X

Engineering Physicist, 57, experienced in many disciplines including 4 years in designing, testing, and putting through pilot production burners, nebulizers and other ancillary equipment for A.A. spectroscopy. Also highly knowledgeable in all types of machinery and in quality assurance. Seeks employment. Please write to A. A. Venghatis, 2314 West Main Ave., Houston, Texas 77006. X

Microbiologist/Immunologist. Ph.D. (28), 1973. Two years of university teaching and research experience. Publications. Seeks teaching/research position with opportunity to study wildlife/fisheries problems. Box 35, SCIENCE. X

Microbiologist (Ph.D. 1970): Versatile teacher and researcher, 5 years of post Ph.D. experience in fermentation, food microbiology, enteropathogens, immunology. Publications. Box 36, SCIENCE. X

R. McGuirk, Jones Road, East Quogue, L.I., N.Y. 11942. Seeks work in **Oceanographic Research**. Qualifications: B.A. degree with a marine biology major. X

24 JANUARY 1975

POSITIONS WANTED

Broadly trained **Geneticist**, Ph.D. (1965). Two years postdoctoral. Sixteen years professional experience (11 years full-time at university). Particular interest all aspects undergraduate program. Seeks academic position for September. Box 34, SCIENCE. 1/24, 2/14

Marine Physiological Ecologist. Ph.D. June 1975. Analytical-research experience in effects of oil on pelecypods and respirometry. Publications. Teaching experience in histology, physiology. Strong background in marine ecology. Research interests in marine ecosystems, pathology and physiology. Preferentially seek academic appointment with teaching and research opportunities. Box 10, SCIENCE. 1/24

Neuroscience Faculty of an eastern university desires relocation; presently engaged in research ranging from molecular neurobiology to higher nervous system function; enthusiastic teachers with experience at all levels; excellent grant funding for research. Box 37, SCIENCE. X

Pharmacologist, Ph.D. Actively seeks industrial position. Married. Experienced organizer. Toxicology. Pharmacokinetics. Computer oriented. Box 38, SCIENCE. X

Plant Pathologist: Ph.D. 1970. Strong background genetics and physiology. Presently: applied research on fruit tree diseases. Desires research position with teaching and/or extension. Box 39, SCIENCE. X

Psychopharmacologist. Ph.D. 1969. Broad background in neurochemistry of behavior. Grants, over 40 publications. Desires challenging position in industry or university. Box 27, SCIENCE. 1/17, 24

Teaching of biometrics, population genetics, and biology. Ph.D. in genetics (June 1974). Research: isozyme polymorphism. P.O. Box 23463, Columbus, Ohio 43223. 1/31

Theoretical Physicist-Ecologist author of book *Ecophysics* and many papers with 20 years of teaching and research experience seeks permanent academic and/or research position. Blucherstr. 32, 1000 Berlin 61, Germany. 1/31

Virologist. Recent Ph.D. in bacteriology. Research experience with enteroviruses. Seeks virus research. Will consider limited time appointment. Box 40, SCIENCE. X

Wildlife Biologist. Yale B.A., CSU M.S. 1973. Six months bio-telemetry with Colorado Division of Wildlife (coyotes and deer fawns). Seeking research position or Ph.D. Box 41, SCIENCE. X

POSITIONS OPEN

UNIVERSITY OF ALASKA ASSISTANT PROFESSOR MICROBIAL ECOLOGIST AND/OR CRYPTOGAMIC BOTANIST

Applicants are being sought for the above position to complement research and instructional programs related to decomposition processes and the role of lower plants in arctic and subarctic ecosystems in Alaska. The applicant must have the Ph.D. degree. Preference will be given for postdoctoral, environmental, and northern research experience. The successful candidate will be expected to participate in independent and cooperative research programs with other University faculty, to assist in graduate student training, to develop an undergraduate instructional program in cryptogamic botany or related subject, and to develop support through grants and contracts. Salary is dependent on qualifications and experience. Qualified applicants should send curriculum vitae and have three letters of reference sent to: **George C. West, Institute of Arctic Biology, University of Alaska, Fairbanks, Alaska 99701. An Affirmative Action/Equal Opportunity Employer.**

ASSISTANT PROFESSORSHIP

The Radiobiology Section, Radiology Department, University of Wisconsin Medical School, seeks a **Radiobiologist or Immunologist** with a strong background and interest in experimental tumor immunology. Candidate must be interested in developing an independent research program as well as taking part in cooperative research within the section and in the graduate teaching program. Submit curriculum vitae, bibliography, and a description of research interests to **Search Committee Chairman, Radiobiology Research Laboratories, 420 North Charter Street, Madison, Wisconsin 53706. An Equal Opportunity/Affirmative Action Employer.**

POSITIONS OPEN

ANATOMIST

Applications are invited for a faculty position as an Assistant Professor in the Department of Anatomy at Boston University School of Medicine. Applicants should be able to teach Gross Anatomy and Histology and be interested in carrying out a productive research program. Candidates should send their curriculum vitae and names of three referees to **Dr. Alan Peters, Department of Anatomy, Boston University School of Medicine, 80 East Concord Street, Boston, Mass. 02118. An Equal Opportunity/Affirmative Action Employer.**

ANATOMIST

Applications are invited from qualified persons, preferably holding the Ph.D. degree, to fill a position at the assistant or associate professor level in the Department of Biology and Health Sciences at the Cleveland State University effective 1 September 1975. Duties will be to (i) assume full responsibility for the teaching of **GROSS ANATOMY, NEUROANATOMY, and HISTOLOGY** to baccalaureate students in physical and occupational therapy programs, (ii) participate in the counseling and screening of applicants to these programs, and (iii) participate in the on-going evaluation of these new programs and the students in them. Interested applicants should send a curriculum vitae, names of three references (letters not required), and a letter describing teaching interests along with any other pertinent information to **Dr. John H. Morrison, Chairman, Department of Biology and Health Sciences, Cleveland State University, Cleveland, Ohio 44115. This University is an Equal Opportunity/Affirmative Action Employer. M/F**

ASSISTANT PROFESSOR OF ANATOMY

An anatomist Ph.D. and/or M.D. with predoctoral experience in an anatomical sciences training program and 2-3 years of postdoctoral experience. Must be interested in independent and/or collaborative research. Teaching duties mainly in gross anatomy in integrated programs. Salary will depend on qualifications. Apply to **Dr. G. Gordon Robertson, Department of Anatomy, University of Tennessee Center for the Health Sciences, 875 Monroe Ave., Memphis, Tennessee 38163. Equal Opportunity/Affirmative Action Employer.**

ASSISTANT PROFESSOR AQUATIC ENTOMOLOGY

Position available now, but appointment may be deferred until 1 July 1975 if warranted. Teaching and research in aquatic biology with emphasis on quantitative community ecology and freshwater resource management. Ph.D. required. Training and/or experience must include thorough knowledge of aquatic insects. Taxonomic specialization in a group of aquatic insects or mites is desirable, but not essential. Send curriculum vitae, all official transcripts, names and addresses of three references, and copies of any publications or manuscripts to: **Dr. Deane P. Furman, Division of Entomology and Parasitology, University of California, Berkeley, California 94720. The University of California is an Equal Opportunity/Affirmative Action Employer.**

UNIVERSITY OF CALIFORNIA, SANTA BARBARA DEPARTMENT OF BIOLOGICAL SCIENCES

ASSISTANT PROFESSORSHIP OF PHARMACOLOGY. Appointment planned for 1 July 1975. Applications are sought from pharmacologists with research interests in an area such as the pharmacology of the cardiovascular or reproductive systems. The successful candidate would assume teaching responsibilities in an undergraduate major in pharmacology, with emphasis on teaching biochemical and toxicological aspects of drug action at the cellular level. Teaching at the graduate level is expected to be related to the appointee's research interests.

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

TWO ASSISTANT/ASSOCIATE PROFESSOR POSITIONS IN BIOLOGY available for September 1975. (i) Systems physiologists with strong anatomy background willing to teach lower division courses and develop upper division/graduate program for pre-professional Health Science students. (ii) Neurobiology/behaviorist with broad training in zoology to teach introductory biology and advanced courses in these areas.

Send curriculum vitae and three references to: **E. K. Oyakawa, Department of Biology, California State University, 5151 State University Drive, Los Angeles, California 90032. Equal Opportunity/Affirmative Action Employer.**

POSITIONS OPEN

ASSISTANT PROFESSOR—BIOCHEMISTRY

Full-time faculty positions are available for candidates committed to pursue fundamental research programs in membrane biochemistry or eukaryotic molecular biology. Participation is expected in biochemistry courses for medical students, graduate students and undergraduates. Applications close 1 February 1975. Send résumé and three letters of reference to: **Chairman, Department of Biochemistry, College of Medicine, University of Kentucky, Lexington, Ky. 40506.** *The University of Kentucky is an Equal Opportunity/Affirmative Action Employer.*

ASSISTANT PROFESSOR—BIOPHYSICS AND THEORETICAL BIOLOGY

The University of Chicago is seeking applicants for appointment at the Assistant Professor level in the fields of developmental biology and population biology effective in the fall of 1975. Candidates should have sufficient pre- and postdoctoral experience to have demonstrated independence and originality in accomplished research, and should be capable of teaching at both graduate and undergraduate levels. Applicants should request referees to write and should send curriculum vitae, bibliography, and a summary of research plans to the **Chairman, Department of Biophysics and Theoretical Biology, University of Chicago, 920 East 58 Street, Chicago, Illinois 60637.**

From the time of its original charter, the principle of The University of Chicago has been to appoint scholars without regard to race, color, religion, sex, or national origin.

ASSISTANT PROFESSOR, INORGANIC CHEMISTRY. Fall 1975. Applications are invited from Ph.D. Chemists having research interests in one or more of the following areas: modern coordination chemistry, synthetic organometallic chemistry, x-ray crystallography, electron spectroscopy. Teaching duties will include participation in general chemistry and undergraduate and graduate inorganic chemistry. Development of a vigorous research program able to obtain external support and potential for teaching excellence are required. Postdoctoral experience strongly preferred. Submit résumé, curriculum vitae, outline of research proposed and three letters of recommendation by 15 February 1975 to **Dr. Thomas B. Brill, Department of Chemistry, University of Delaware, Newark, Delaware 19711.** *The University of Delaware is an Equal Opportunity and an Affirmative Action Employer.*

ASSISTANT PROFESSOR PHYSIOLOGY. Salary negotiable. M.D. and/or Ph.D. Strong research interests or interest and teaching ability essential. Apply with curriculum vitae and names of three referees by 28 February.

Applications to: **Dr. M. Schachter**
Professor and Chairman
Department of Physiology
University of Alberta
Edmonton, Alberta, Canada

ASSISTANT RESEARCH BIOLOGIST
Applications are invited for this immediately available Senior Postdoctoral position. Research concerns gene expression in bacterial virus development, emphasizing RNA polymerase modification and function. As well as gene action in the yeast cell cycle. Requirements: Prior postdoctoral experience, preferably strongly emphasize enzymology of replication and transcription in prokaryotes and eukaryotes, relevant to the research of our group. Please send personal summary and bibliography to **E. P. Gelduschek, Department of Biology, University of California, San Diego, La Jolla, California 92037.** *The University of California is an equal opportunity employer. Women and members of minorities are encouraged to apply.*

ASSISTANT PROFESSOR OF PLANT AND SOIL CHEMISTRY. The person in this position will be in charge of the department's analytical laboratories and will also have the opportunity to do research on soil and tissue testing techniques and plant response. The analytical laboratories perform inorganic analyses of soils, plants, water, and organic wastes for the Department of Plant and Soil Sciences, other institutional units of the University, and for industries in Maine. Laboratory responsibilities include supervision of five laboratory assistants or technicians. Research opportunities will require close cooperation with colleagues in Agronomy, Horticulture, and Forestry. Salary commensurate with training and experience. Minimum salary is \$12,500. Starting date is 1 July 1975. Closing date for applications is 1 March 1975. Send résumé and transcripts to **Dr. Rollin C. Glenn, Chairman, Department of Plant and Soil Sciences, University of Maine, Orono, Maine 04473.** *An Affirmative Action/Equal Opportunity Employer.*

POSITIONS OPEN

ASSISTANT RESEARCH BIOCHEMIST

Federally supported full-time research position in a well-established group. Work on structure and serologic activity of a hapten of hepatitis B surface antigen will require experience in analytical protein and peptide chemistry and ability to work independently in a small group working on immunologic aspects of viral hepatitis. *Selection of the qualified candidate is in conformity with the Affirmative Action Program of the University.* Salary according to the University scale starting at \$15,108 per annum. Send curriculum vitae and names of three references to **Dr. Girish N. Vyas, HSE-1257, University of California, San Francisco, Calif. 94143.**

ASTROPHYSICS POSITION AT NEW YORK UNIVERSITY

The Physics Department of New York University in the Fall of 1975 expects to have a faculty position for an astrophysicist. Although the position would normally be at the assistant professor level, a more senior appointment may be possible for a highly qualified individual. A theoretical astrophysicist would probably be appointed, but observers with suitable programs should also feel free to apply. Candidates must be able to conduct research of significance and to contribute strongly in the department's undergraduate teaching program. Applications should be submitted to **Professor E. L. Schucking, Chairman of the Search Committee, 4 Washington Place, New York, N.Y. 10003.** *NYC is an equal opportunity, affirmative action employer.*

Position available for a **BIOCHEMIST** with training in Protein Chemistry to work as a research associate on human immunoglobulins. Qualifications: M.S. or Ph.D. Interested persons should submit a curriculum vitae and references to: **Dr. A. G. Steinberg, Department of Biology, Case Western Reserve University, Cleveland, Ohio 44106.** *Case Western Reserve University is an Equal Opportunity Employer.*

Ph.D. BIOCHEMIST. with postdoctoral experience in cell biology, immunology, and endocrinology. To be involved in establishment and maintenance of a nude mouse colony, and research projects involving establishment of human and animal tissue culture lines, viral transformation of cell lines. Good background in tissue culture and animal tumor work necessary. Knowledge and experience in steroid biochemistry desirable.

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

Applications and résumé should be addressed to:
Chairman, Biology Department
5135 Muir — 2B
University of California, San Diego
P.O. Box 109
La Jolla, California 92037

BIOLOGICAL SCIENCE—FLORIDA STATE UNIVERSITY

Two Assistant Professorships will be available September 1975. **Developmental Biologist:** Research interests compatible with one of the following graduate areas of the department: (i) Genetics and Molecular Biology, (ii) Psychobiology and Physiology, and (iii) Marine Biology and Zoology. Research and graduate teaching in developmental genetics, developmental neurobiology, or marine developmental biology of animal systems. Teaching expectations include basic undergraduate developmental biology as well as advanced courses at either the undergraduate or graduate level. **Vertebrate Field Biologist:** Research interests in behavior, ecology, or evolution compatible with one of the following graduate areas: (i) Ecology and Evolution, (ii) Psychobiology and Physiology, and (iii) Marine Biology and Zoology. Taxonomic orientation may be herpetological, ichthyological, mammalogical, or ornithological. Teaching commitment will include development of an advanced vertebrate specialty course and participation in appropriate undergraduate programs. *An Affirmative Action/Equal Opportunity Employer.* Applicants should send complete information to: **Thomas Peter Bennett, Chairman, Department of Biological Science, Florida State University, Tallahassee, Florida 32306.**

The Department of Biology at Wayne State University is seeking candidates for faculty positions in the following areas:

- 1) **Membrane Biology**
- 2) **Cell Biology/Cell Hybridization**

Rank and salary are dependent upon qualifications. Interested applicants should submit a curriculum vitae including areas of research interest and three referees to: **Dr. John D. Taylor, Chairman, Department of Biology, Wayne State University, Detroit, Michigan 48202.**

An equal opportunity employer

POSITIONS OPEN

BIOLOGIST, Ph.D.

With well-developed interests in neurobiology and animal behavior for a position as assistant professor starting 1 September 1975. Send curriculum vitae and three letters of recommendation to **Dr. Miriam F. Bennett, Department of Biology, Colby College, Waterville, Maine 04901.**

An Equal Opportunity/Affirmative Action Employer

BIOLOGY POSITION: Rural, undergraduate liberal arts college. Requirements: Ph.D.; broad educational training in cell-molecular biology and developmental biology; and creative teaching ability. Send curriculum vitae to:

Dr. William T. Maple
Bard College
Annandale-on-Hudson, New York 12504

One, possibly two, positions available in the **DEPARTMENT OF BIOLOGY** Rochester Institute of Technology, for 1 September 1975. Teaching and research experience in such areas as immunology, physiology, and endocrinology considered. Duties include teaching at the undergraduate and graduate levels with active continuation of research interests. Minimum requirement, Ph.D. Résumés and three letters of reference to be sent to: **Head, Biology Department, Rochester Institute of Technology, Rochester, New York 14623.**

BOTANIST

Fall 1975, for general botany and advanced courses in plant physiology; also, introductory biology. Recent Ph.D., or most work completed for degree. One-year position, with future at present indefinite. Send curriculum vitae, summary of teaching and research interests, and letters from three referees to **Prof. G. B. Saul II, Department of Biology, Middlebury College, Middlebury, Vermont 05753.** *An Equal Opportunity/Affirmative Action Employer.*

BOTANY FACULTY POSITION

The University of Washington, Seattle, invites applications for a position open from September 1975. Applicants must be qualified for undergraduate and graduate teaching in vascular plant morphology and anatomy, but may emphasize any plant group or approach in research. Send complete résumé and names of three persons from whom we may solicit letters of recommendation to **Prof. Richard B. Walker, Search Committee, Botany Department AK-10, University of Washington, Seattle, Wash. 98195.** Closing date: when position filled.

The University of Washington is an affirmative action/equal opportunity employer; applications from minorities and from women are encouraged.

SUNY AT BUFFALO

The Division of Cell and Molecular Biology, State University of New York at Buffalo, is anticipating the appointment of two faculty members by September 1975. The rank is open. Individuals with strong records of research productivity or potential are sought, who can also make important contributions to the teaching program at the undergraduate and graduate level. The areas we are seeking to strengthen are the following:

- 1) Nucleic acid and protein chemistry. The individual appointed will be expected to engage in teaching in the field of nucleic acid and protein chemistry, with an emphasis on physical chemical aspects of macromolecular structure and interactions, and to carry on a research program in this area.
- 2) Molecular and cell biology, preferably in plant area. This person will be expected to engage in teaching in areas of cell and molecular biology which involve processes characteristic of plants, such as photosynthesis, nitrogen fixation, chloroplast structure and function, and so forth, and to carry on a research program in some aspects of this field.

Applicants should send curricula vitae and names of at least three references to:

Dr. O. P. Bahl, Director
Division of Cell and Molecular Biology
State University of New York at Buffalo
Buffalo, New York 14214

In addition applications should include a concise description of research background, current interests, and areas in which contributions to the teaching program could be made.

The State University of New York is committed to an Affirmative Action program of minority and female faculty recruitment.

POSITIONS OPEN

DEPARTMENT CHAIRMAN

A search committee of The University of Texas Health Science Center at San Antonio seeks candidates for the **Chairmanship of the Department of Laboratory Animal Medicine**. The Department has both service and academic responsibilities.

Qualified individuals are invited to submit a comprehensive curriculum vitae to **Dr. Lowell McKelvey, Search Committee Chairman, Health Science Center, 7703 Floyd Curl Drive, San Antonio, Texas 78284. An Equal Opportunity/Affirmative Action Employer.**

CHAIRMAN DEPARTMENT OF PHARMACOLOGY UNIVERSITY OF CINCINNATI COLLEGE OF MEDICINE

Located in a new medical science building with expanded facilities for teaching and research. The committee is looking for candidates with ability to pursue clinical as well as basic science research with strong interests in physician and graduate education. Please send curriculum vitae and references to:

Kenneth W. Rowe, Jr., M.D.
Pharmacology Search Committee
University of Cincinnati Medical Center
Pavilion A-2
234 Goodman Street
Cincinnati, Ohio 45267

A Nondiscriminatory, Affirmative Action Employer

CHEMICAL OCEANOGRAPHER

The University of Michigan announces a faculty opening for a Chemical Oceanographer at the Assistant Professor level. A Ph.D. in oceanography or an allied field is required, and a specialization in the physical or inorganic chemistry of sea water is desired. Responsibilities include teaching undergraduate and graduate courses and developing a research program in area of specialty. Interested persons should submit résumés and the names of three references to **Dr. Philip A. Meyers, Chairman, Chemical Oceanography Search Committee, Department of Atmospheric and Oceanic Science, The University of Michigan, Ann Arbor, Michigan 48104. The University of Michigan is an Nondiscriminatory, Affirmative Action Employer.**

UNIVERSITY OF NORTH CAROLINA CLINICAL IMMUNOLOGIST

Ph.D. or M.D. with experience to serve as Associate Director of a Clinical Microbiology Laboratory. Responsibilities include development and direction of Clinical Immunology Laboratory and direction of a Clinical Virology Laboratory.

CLINICAL MICROBIOLOGIST

Ph.D. or M.D. with experience to serve as Associate Director of a Clinical Microbiology Laboratory. Responsibilities include direction of our Clinical Mycology and Mycobacteriology laboratories. Strong interest in clinical mycology preferred.

Send résumés and names of three references to:

Dr. L. R. McCarthy
Director, Diagnostic Microbiology Laboratories
North Carolina Memorial Hospital
Chapel Hill, North Carolina 27514

An Equal Opportunity/Affirmative Action Employer

SIMON FRASER UNIVERSITY BRITISH COLUMBIA, CANADA DEPARTMENT OF BIOLOGICAL SCIENCES GENETICIST/DEVELOPMENTAL BIOLOGIST

Applications are invited from suitably qualified persons. Qualifications: Ph.D. plus subsequent research experience. Nature of duties: teach courses in genetics and developmental biology and develop a strong research program in these areas. Salary and rank negotiable. It is anticipated that the position will be available from September 1975. Letters of application, including curriculum vitae and the names and addresses of three referees, should be sent to **Dr. J. M. Webster, Chairman, Department of Biological Sciences, Simon Fraser University, Burnaby, B.C., Canada, V5A 1S6. Closing date for applications will be when the position is filled.**

RESEARCH ASSISTANT IMMUNOLOGY

B.S. in microbiology, medical technology, and several years of practical experience in research, clinical immunology, or microbiology required. Experience and willingness to work with laboratory animals necessary. Desirable location in Southwest. *Equal opportunity employer.* Send résumé. **Box 43, SCIENCE.**

24 JANUARY 1975

POSITIONS OPEN

DIRECTOR

Applications are invited for the position of **Direktor des Instituts für Tierzucht und Tiervverhalten, Forschungsanstalt für Landwirtschaft**, a federal research institution engaged in reproductive biology, animal behavior, and genetics. Staff of 250, including 16 scientists. Research budgeted. Facilities: 2500 square meters of laboratory space; four research farms (1200 hectares); livestock of 1200 cattle, 2000 pigs, and 1000 sheep. Locations: main laboratories and two farms at Mariensee near Hannover; laboratory and two farms at Trenthorst near Lübeck.

Qualifications: Internationally established research reputation. Applicants with biochemical and physiological background should be able to coordinate the research programs of the different sections.

Salary: approximately 65,000 DM per annum (B3 tenure position in government service).

To apply, send curriculum vitae, summary of research activities, list of publications, and reprints before 1 March 1975 to

Prof. Dr. E. Zimmer, Präsident
Forschungsanstalt für Landwirtschaft
Bundesallee 50
D 33 Braunschweig
Federal Republic of Germany

DIRECTOR, FAMILY LIFE DEVELOPMENT CENTER. The Department of Human Development and Family Studies at Cornell University has an opening for a senior level psychologist or sociologist who will manage research and extension/public service programs of New Family Life Development Center, conduct basic and/or action research broadly related to the objectives of Center, and participate in undergraduate and graduate teaching programs. Applicants should have Ph.D. in psychology or sociology with demonstrated research ability in areas relevant to family studies and child development. Should have an interest in research problems broadly relevant to abuse and neglect, other forms of family dysfunction, or the ecology of the family in contemporary society; ability to administer research and outreach activities involving several disciplines. Applicants write **J. Doris, Associate Chairman, Department of Human Development and Family Studies, College of Human Ecology, Cornell University, Ithaca, N.Y. 14853. Cornell is an Equal Opportunity Employer.**

POSITIONS OPEN

The Johns Hopkins University **ENVIRONMENTAL ENGINEERING FACULTY** appointment: teaching and research involving chemical, biochemical, and biological processes related to treatment of municipal and industrial wastes, industrial processes, and assessment of environmental impact. Assistant professor; may consider higher rank depending upon qualifications. *Johns Hopkins is an equal opportunity employer.* Send résumé to: **Dr. M. Gordon Wolman, Chairman, Department of Geography and Environmental Engineering, The Johns Hopkins University, Baltimore, Maryland 21218. Telephone: 301-366-3300, extension 318.**

SIMON FRASER UNIVERSITY BRITISH COLUMBIA, CANADA DEPARTMENT OF BIOLOGICAL SCIENCES ENDOCRINOLOGIST/PHYSIOLOGIST

Applications are invited from suitably qualified persons. Qualifications: Ph.D. plus subsequent research experience. Nature of duties: teach comparative endocrinology and develop a vigorous research program in vertebrate endocrinology in relation to the environment. Salary and rank negotiable. It is anticipated that the position will be available from September 1975. Letters of application, including curriculum vitae and the names and addresses of three referees, should be sent to **Dr. J. M. Webster, Chairman, Department of Biological Sciences, Simon Fraser University, Burnaby, B.C., Canada V5A 1S6. Closing date for applications will be when the position is filled.**

DEAN, COLLEGE OF ENVIRONMENTAL SCIENCES MURRAY STATE UNIVERSITY

A regional university of 7000 students located in western Kentucky is now accepting nominations and applications for the above position. Teaching and research experiences are required. Nominees will also be judged on their potential for leadership and student rapport, development of innovative programs, their ability to involve the college in regional activities and to obtain resources externally.

Requests for information, nominations, and résumés should be sent to **Dr. Robert C. Etherton, Box 2109 University Station, Murray, Kentucky 42071, before 15 February 1975. An Equal Opportunity/Affirmative Action Employer**

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Qualified applicants are requested to send a detailed resume in strict confidence to: **A. A. Barnello, Medical Research Division, Professional Recruitment, Department CS 116, P.O. Box 45, Linden, New Jersey 07036. An Equal Opportunity Employer M/F**

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ECOLOGY POSITIONS

THE UNIVERSITY OF TENNESSEE GRADUATE PROGRAM IN ECOLOGY is seeking candidates for faculty positions in the following disciplines:

**Ecological Herpetology
Marine Ecology
Microbial Ecology
Phytoplankton Ecology**

The Graduate Program in Ecology offers the Master of Science and Doctor of Philosophy degrees. Faculty teach advanced courses, conduct contemporary scientific research, advise graduate students, and participate in the continued development of the program. Ecology faculty receive appointments in appropriate departments within the Colleges of Agriculture, Engineering or Liberal Arts. These include Agricultural Biology, Agricultural Engineering, Botany, Environmental Engineering, Forestry, Horticulture and Landscape, Microbiology, Plant and Soil Science, Psychology, and Zoology. Ecologists in the Environmental Sciences Division of the Oak Ridge National Laboratory hold faculty positions in the program and several university faculty serve as consultants to ORNL; 42 faculty, 70 graduate students, and more than 80 graduate courses comprise the Graduate Program in Ecology at The University of Tennessee. Contact **Dr. J. Frank McCormick, Director, Graduate Program in Ecology, The University of Tennessee, Knoxville, Tennessee 37916. The University of Tennessee is an Equal Opportunity and Affirmative Action Employer.**

ECONOMIST AND LAWYER FACULTY POSITIONS

Two openings exist at the Associate Professor level in the University of Washington's Program in Social Management of Technology. Teaching and research responsibility in area of technology and public policy. For economist, background in industrial organization, public finance, or natural resources economics desired. For lawyer, demonstrated interest in science, technology, and public policy. Positions available immediately. Submit curriculum vitae to **Dr. Edward Wenk, Jr., Director, Program in SMT (FL-10), University of Washington, Seattle Wash. 98195. An Equal Opportunity/Affirmative Action Employer.**

The University of California at Santa Cruz invites applications for a **joint faculty appointment** in the Board of Studies in Chemistry and Oakes College. The successful candidate's duties will include teaching both graduate and undergraduate chemistry courses as well as participation in college teaching programs. We are interested in candidates whose research interests are either in the application of chemistry to complex systems or in physical chemistry. The level of appointment is open. Candidates should submit an extended vitae detailing past and future research and teaching interests as well as the names of at least three referees. Deadline for applications is 15 February 1975. Write: **Thomas Schleich, Chairman, Board of Studies in Chemistry, Division of Natural Sciences, University of California, Santa Cruz, California 95064. The University of California is an Equal Opportunity/Affirmative Action Employer.**

FACULTY POSITIONS in

**Cardiology
Pulmonary Medicine
Clinical Pharmacology
Allergy and Immunology
Oncology
Gastroenterology**

Apply to **Chairman, Department of Medicine, University of North Carolina School of Medicine at Chapel Hill, N.C. 27514.**

FACULTY POSITIONS—ANATOMY

Faculty positions (rank open) available 1 July 1975, or sooner, for individuals interested in teaching and research in the broad field of Anatomy, from gross to submicroscopic. Submit curriculum vitae, bibliography, names of suggested references, and description of career goals to: **Dr. Sam L. Clark, Jr., Chairman, Department of Anatomy, University of Massachusetts Medical School, 55 Lake Avenue, North, Worcester, Massachusetts 01605. An Equal Opportunity/Affirmative Action Employer, M/F.**

MICROBIOLOGIST

Assistant Professor. Participate in instruction of medical and graduate students in host-parasite interaction and in pathogenic microbiology. Develop teaching and research programs on mechanisms of host-parasite interaction at cellular and subcellular level; supervision of graduate students' research. Send curriculum vitae and references to **Dr. E. Benjamini, Acting Chairman, University of California, Davis, California 95616. An Affirmative Action Equal Opportunity Employer. Applications from women and/or minorities are welcome.**

POSITIONS OPEN

FACULTY VACANCY

The Department of Geology and Geological Engineering, University of Mississippi, has a faculty vacancy in geomorphology, geohydrology, or related fields. The appointment will be for 2 years, but may become permanent. The Ph.D. is desired, but outstanding candidates with the M.Sc. will be considered. The appointment could start as early as January 1975. Please send inquiries to **Dr. Velon H. Minshew, University, Miss. 38677. The University of Mississippi is an Equal Opportunity/Affirmative Action Employer.**

The Division of **BIOLOGICAL SCIENCES**, Indiana University, is planning to appoint **THREE FACULTY MEMBERS**. The openings are in the areas of eukaryotic genetics, cell biology, molecular biology, and systems ecology with reference to land-water interactions. The ranks of the appointments will be at a level commensurate with experience and accomplishments. Those appointed will be expected to participate in undergraduate and graduate teaching as well as to develop strong independent research programs. Applicants should send a résumé and have two letters of recommendation sent directly to **Dr. C. H. W. Hirs, Division of Biological Sciences, Indiana University, Bloomington, Indiana 47401. Indiana University is an Equal Opportunity/Affirmative Action Employer.**

UNIVERSITY OF MASSACHUSETTS AMHERST

FISHERIES BIOLOGIST. Assistant professorship available September 1975 for freshwater fisheries biologist interested in teaching introductory fishery management techniques and ecology of fishes course or other specialty. Must be committed to active research program. Send curriculum vitae, reprints, and three letters of reference to: **Prof. Charles F. Cole, Search Committee, Department of Forestry and Wildlife, Holdsworth Hall, University of Massachusetts, Amherst, Mass. 01002. An Equal Opportunity/Affirmative Action Employer. Deadline for applications is 1 March 1975.**

The Department of Education seeks a full-time **INSTRUCTOR IN GEOLOGY**, a person who can demonstrate teaching competence in other fields of natural science as well, particularly biology. Duties include planning, developing, and presenting programs to school groups from primary grades through college. Person must be able to communicate effectively at all grade levels. Ability to write essential. Master's degree in geology plus 2 to 3 years of teaching experience required. Deadline for applications is 31 January 1975. Send résumés to **Dr. Alice Carnes, Chairperson, Department of Education, Field Museum of Natural History, Roosevelt Road at Lake Shore Drive, Chicago, Ill. 60605.**

TWO INSTRUCTOR POSITIONS

Available in the Department of Otorhinolaryngology. The University of Michigan Medical School. Must be eligible for or certified by the American Board of Otolaryngology. Positions are for Chief of Section of Otorhinolaryngology at Veterans Administration Hospital and Wayne County General Hospital. Responsibilities include administration, student teaching, resident teaching, and patient care. Will also be expected to engage in basic or clinical research. Code numbers 300FO and 200EO. Send résumé to **Box 42, SCIENCE. A Nondiscriminatory, Affirmative Action Employer**

NEUROANATOMIST. Applications are invited to teach small medical class and graduate students. Ph.D. or M.D. degree, teaching skills of high caliber and proven productivity in research are required. Send applications with curriculum vitae and names of three references to: **A. D. Floyd, Ph.D., Indiana University School of Medicine-Bloomington, Myers Hall, Bloomington, Indiana 47401. Indiana University is an Affirmative Action/Equal Opportunity Employer.**

DEPARTMENT AND MUSEUM OF PALEONTOLOGY UNIVERSITY OF CALIFORNIA, BERKELEY

Applications are invited for positions of Chairman of Department and Director of Museum. The programmatic needs would best be met by an individual qualified to give instruction and conduct and supervise research in invertebrate paleontology. A research interest in Mesozoic and Cenozoic invertebrates would be attractive. Tenure academic rank and salary commensurate with qualifications and experience. *The University of California is an Affirmative Action Equal Opportunity Employer. Minority and women candidates are urged to apply.* Please send résumé, including the names of three references, to: **Donald E. Savage, Department of Paleontology, University of California, Berkeley, California 94720.**

POSITIONS OPEN

FACULTY POSITION IN HISTOLOGY

The Department of Physiology-Anatomy, University of California, is presently seeking qualified candidates at the Assistant Professor level for appointment in 1975-76. The appointment carries major teaching responsibilities for histology to be taught at the advanced undergraduate and graduate school levels for our anatomy and health sciences program. Candidates should have background and interest in classical mammalian tissue histology, in tissue and cell ultrastructure, including electron microscopy, and in aspects of histochemistry. Candidates should be thoroughly involved in an ongoing active research project, be successful contributors to that area, and plan to develop an active program within the department.

Interested persons should write a letter explaining their qualifications and enclosing a current curriculum vitae and a list of three or more persons who could act as referees to: **Search Committee Chairman, Department of Physiology-Anatomy, University of California, Berkeley, Calif. 94720.**

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PHYSICAL OCEANOGRAPHER

The University of Michigan announces a faculty position which is now open for a Physical Oceanographer at the Assistant Professor level. Applicants must have a doctorate in physical oceanography with research interests in experimental or descriptive physical oceanography. Responsibilities include teaching undergraduate and graduate courses and developing a research program in the area of specialty.

Applicants should send curriculum vitae and names of three references to **Dr. A. W. Green, Chairman, Physical Oceanography Search Committee, Department of Atmospheric and Oceanic Science, The University of Michigan, Ann Arbor, Michigan 48104.**

The University of Michigan is a Nondiscriminatory Affirmative Action Employer.

PHYSIOLOGIST

The Department of Physiology invites applications from individuals interested in establishing a vigorous research program and lecture series in **RENAL** or **GASTROINTESTINAL** physiology. Responsibilities include teaching instruction to graduate, medical and other professional students. Postdoctoral experience is preferred. Faculty rank is open. Applications from women and minority group candidates are encouraged. Send curriculum vitae and references to:

**Dr. Norman Briggs
Department of Physiology
Medical College of Virginia
Richmond, Virginia 23298**

POSTDOCTORAL POSITION available immediately for chemical and structural studies of HbS fiber formation. Strong background in protein chemistry is essential, and experience in Hb chemistry is preferred. Chemical studies will be integrated with EM and x-ray diffraction and computer image processing. Send detailed curriculum vitae and three letters of reference by 30 January 1975 to **Dr. M. W. Makinen, Department of Biophysics and Theoretical Biology, University of Chicago, 920 East 58 St., Chicago, Ill. 60637.**

QUATERNARY GEOLOGIST

Ph.D. with publications and teaching experience needed to join Anthropology faculty as Assistant Professor effective 15 September 1975. Requires developing interdisciplinary research programs, teaching, and supervision of sediments and soils lab. Knowledge of stratigraphy, sedimentology, geochronology, geomorphology, archaeology, and the study of paleoenvironments. More detail available on request. Send curriculum vitae, résumé of experience and goals, and three letters of recommendation to: **Search Committee, Department of Anthropology, Washington State University, Pullman, Wash. 99163.** Applications accepted through 31 March 1975. In order to assist WSU's efforts to meet its Affirmative Action goals, minority and/or women candidates are encouraged to identify themselves. *WSU is an Equal Opportunity/Affirmative Action Employer.*

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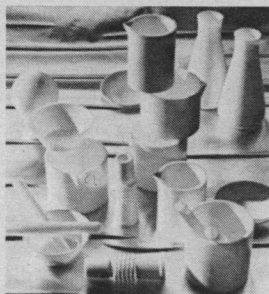
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PHYSIOLOGIST (M.D. PREFERRED)

Applications are invited for Assistant or Associate Professor (junior level) in University department that teaches in Medical, Dental, and Science (graduate and undergraduate faculties). Good liaison with medical and dental departments. University Hospital on campus, connected to Basic Science Building. Address letter, including names of references, and résumé to **Chairman, Department of Physiology, The University of Western Ontario, London, Ontario N6A 3K7, Canada.**

POSTDOCTORAL POSITION available immediately in Tree Genetics Laboratory for individual interested in applying advanced techniques of somatic cell genetics of higher plants to improve coniferous species.

Send résumé and three letters of reference to

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POSTDOCTORAL POSITION

Postdoctoral position is available in a clinical research and development laboratory. This is an industrial product development position, but some emphasis will be placed on basic research. Recent experience in enzymology and protein chemistry is essential. Send inquiries to **Carol S. Wilson, Department of Biochemical Development, Smith Kline Instruments, Inc., 880 West Maude Avenue, Sunnyvale, California 94086. We are an Equal Opportunity/Affirmative Action Employer.**

Duke University seeks experienced **PRIMATOLOGIST** with research interests in live prosimians compatible with long-term maintenance of colonies; interest in primate behavior preferred. Full professor rank first choice; others will be considered. Send curriculum vitae to **Primateologist Search Committee, Department of Anthropology, Duke University, Durham, N.C. 27706.**

PROFESSOR OF BIOCHEMISTRY required for the Faculty of Medicine at Memorial University of Newfoundland, St. John's, Newfoundland. A position for a senior faculty member in biochemistry will be available in 1975 in this non-departmental medical school. The successful candidate will be the senior person in a group of biochemists and will be able to recruit one or two faculty members of his/her own choosing, subject to faculty approval. Teaching role includes general biochemistry, teaching medical students in a course that is integrated with other aspects of cell biology. Research space will be available in the new Health Sciences Complex and there are funds available for equipping a new laboratory plus an annual travel allowance. Training of graduate students is encouraged. The city of St. John's (population, 100,000) is close to extensive wilderness areas and many miles of rocky coastline and particularly suits people with interests in camping, fishing, hiking, and the outdoor life.

PROFESSOR OF BIOLOGY

Applications are invited for an appointment at the Professor level at the State University of New York at Albany beginning September 1975 or January 1976. A specialization in **Neurobiology, Molecular-Developmental Biology, Cell Biology, Genetics, or Ecology** is desirable. The applicant must have demonstrated excellence in research and graduate training. The appointment carries a substantial salary and fringe benefits for an applicant qualified to continue a vigorous research program. Send curriculum vitae and résumé of current research to: **Dr. Jon W. Jacklet, Search Committee Chairman, Department of Biological Sciences, 1400 Washington Avenue, State University of New York at Albany, Albany, New York 12222. The State University of New York is an Equal Opportunity/Affirmative Action Employer.**

PROFESSOR OF DEVELOPMENTAL BIOLOGY

The Department of Cellular and Comparative Biology is planning to recruit a developmental biologist to be appointed at the full professor level to head the graduate program in developmental and cellular biology. Please send curriculum vitae and the names of three references to: **Charles Walcott, Chairman, Department of Cellular and Comparative Biology, State University of New York at Stony Brook, Stony Brook, N.Y. 11794. An Equal Opportunity/Affirmative Action Employer.**

POSITIONS OPEN

PHARMACOLOGIST

The Basic Service Department of the Peoria School of Medicine is seeking a pharmacologist to teach medical students and conduct an independent research program. Duties will include assisting in the development and integration of pharmacology in the instructional program of a 3-year, innovative medical curriculum. Applicant should have a Ph.D. or M.D. degree, teaching experience, and a record of interest in research. Rank and salary are negotiable and commensurate with experience.

Send curriculum vitae to **Acting Chairman, Department of Basic Science, Peoria School of Medicine, 1400 West Main Street, Peoria, Ill. 61606. This school is a division of the University of Illinois, is an Affirmative Action/Equal Opportunity Employer, and encourages applications from members of minority groups and women.**

The Department of Anatomy at the School of Medicine, University of California, Los Angeles, invites applications from qualified candidates for appointments as **POSTDOCTORAL FELLOWS** in the following areas: **Cell Biology, Neuroanatomy, Neurophysiology, and Neuroendocrinology.** Support for these positions may be obtained by the candidate with the help of a faculty member by applying to government or private sources or by applying to faculty member(s) for positions on their research grants. Inquiries may be made to: **Dr. Emery Zimmermann, Vice-Chairman for Graduate Affairs, Department of Anatomy, University of California School of Medicine, Los Angeles, California 90024. The University of California is an Equal Opportunity Employer.**

UNIVERSITY OF SOUTH ALABAMA COLLEGE OF MEDICINE

Invites applications and nominations for the position of **Professor and Chairman, Department of Neurobiology.** Candidates should have a substantial record of accomplishment in neurobiological research, as well as extensive teaching experience. The department is responsible for the teaching of neurobiology to medical students as well as graduate students.

The University of South Alabama, College of Medicine, is an Equal Opportunity Employer with an Affirmative Action Program and welcomes applications from women and minority candidates.

Applications and nominations should be accompanied by a curriculum vitae and submitted to: **Michael Kehoe, M.D., Chairman, Search Committee—Neurobiology, Room 1070, Moorer Clinical Sciences Building, University of South Alabama—Medical College, Mobile, Alabama 36617.**

COMMUNITY PSYCHOLOGIST—Available fall term 1975. One Ph.D. Assistant Professor position in the Department of Psychology which serves the College of Social Science and the Colleges of Medicine. Salary competitive. Should have field research and community mental health experience. Emphasis is upon hiring a person with program development and evaluations skills in community mental health, teach some undergraduate and graduate courses, and supervise research and training of graduate students in community settings. The person will be working in both the Clinical and Ecological Psychology programs and may be involved in programs in the Colleges of Medicine. Interested applicants should send curriculum vitae to **John H. Wakeley, Chairperson, Department of Psychology, Michigan State University, East Lansing, Mich. 48824. Michigan State University is an Equal Opportunity Employer.**

RESEARCH ASSISTANTSHIPS available starting 1 June to 1 September 1975 for predoctoral students with particular interest in behavioral pharmacology. Support involves work on drugs of abuse, including CNS stimulants in nonhuman primates, opiates, and alcohol. Master's degree preferred but not required. If interested, send résumé of experience, transcripts (unofficial copy acceptable), and statement of career objectives to **Chairman, Department of Pharmacology, School of Pharmacy, University of Mississippi, University, Mississippi 38677.**

SOIL SCIENTIST

Senior Staff Position available at Argonne National Laboratory for established Soil Chemist or Soil Biologist with broad background in terrestrial ecology. Responsibilities of the position will be: (i) To develop a strong research program on some aspect of the impact, or use, of energy production on natural and/or agricultural ecosystems, (ii) To provide overall leadership for the terrestrial ecology program at Argonne. For additional information, send résumé to **Mr. Ronald A. Johns, Personnel Division, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, Illinois 60439. An Equal Opportunity Employer, M/F.**

POSITIONS OPEN

VASCULAR PLANT ECOLOGIST—Assistant Professorship available August 1975. Applicants must have Ph.D. degree completed; postgraduate teaching and (or) research experience highly desirable. Must be willing to aid in undergraduate teaching and to develop productive, experimentally oriented research program. Send curriculum vitae, reprints, and three letters of recommendation before 25 February 1975 to: **Dr. G. T. Cowley, Department of Biology, University of South Carolina, Columbia, S.C. 29208. An Equal Opportunity/Affirmative Action Employer.**

VETERINARY IMMUNOLOGIST. The Department of Medical Microbiology, College of Veterinary Medicine, University of Georgia, has a position available at the Assistant Professor level. Prerequisites include a D.V.M. degree or equivalent and advanced academic degree (Ph.D.) in immunology, or a Ph.D. degree with research experience in immunology. Duties will include teaching in the professional curriculum and the graduate program, and development of a research program. Interested applicants should forward curriculum vitae to **Dr. J. B. Gratzek, Head, Department of Medical Microbiology, College of Veterinary Medicine, University of Georgia, Athens, Georgia 30602. The University of Georgia is an Equal Opportunity/Affirmative Action Employer.**

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Two-Week Session in Transmission and Scanning Electron Microscopy for Biologists, 16 to 27 June. Lectures and laboratory experience in TEM and SEM, demonstrations of freeze-fracture and freeze-etch techniques. Guest lecturers in uses of electron microscopy in specific research problems. Maximum enrollment of 12. Tuition, room, and board: \$1200. For information and application form, write to: **Dr. Eve L. MacDonald, Director, Wilson College Institute for Electron Microscopy (Continuing Education Program), Chambersburg, Pa. 17201.**

GRADUATE STUDY

GRADUATE STUDY

The Department of Biological Sciences provides graduate education toward the M.S. and Ph.D. in the areas of molecular biology and biochemistry; genetics; and cell, developmental, organismic, and population biology.

ASSISTANTSHIPS are available for qualified applicants. For details write to **Dr. Frank Hanson, Department of Biological Sciences, University of Maryland Baltimore County, Catonsville, Maryland 21228.**

ANATOMY GRADUATE PROGRAM

Medical University of South Carolina, Anatomy Department, seeks qualified candidates for Ph.D. program. Modern facilities include TEM, SEM, ciné, tissue culture, cryogenics, plus many more. Faculty research interests: cell biology, development, neuroendocrinology, extracellular matrix, immunology, microcirculation. Stipends available: \$3900 per year. Contact: **Graduate Program Chairman, Department of Anatomy, Medical University of South Carolina, Charleston, S.C. 29401.**

FELLOWSHIPS

POSTDOCTORAL FELLOWSHIP for research-oriented biochemist interested in the structure and metabolism of complex lipids in normal and neoplastic mammalian tissues and cell cultures. Send curriculum vitae, research experience, and three letters of recommendation before 15 February to: **Dr. H. H. O. Schmid, University of Minnesota, The Hormel Institute, Austin, Minnesota 55912. An Equal Opportunity/Affirmative Action Employer.**

POSTDOCTORAL FELLOWSHIPS IN PALEOCLIMATOLOGY AND PALEO-OCEANOGRAPHY for work with a research group studying climatic changes of the Quaternary. Fellowships are being offered to scientists with backgrounds in either (i) deep-sea micropaleontology/mineralogy/sedimentology or (ii) meteorology/climatology/physical oceanography.

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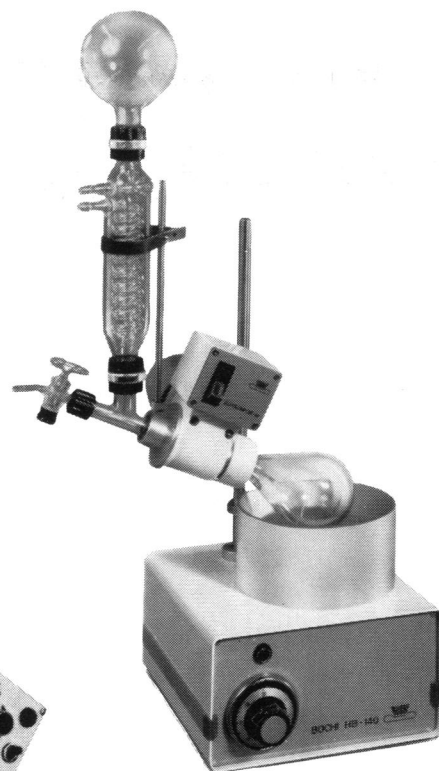
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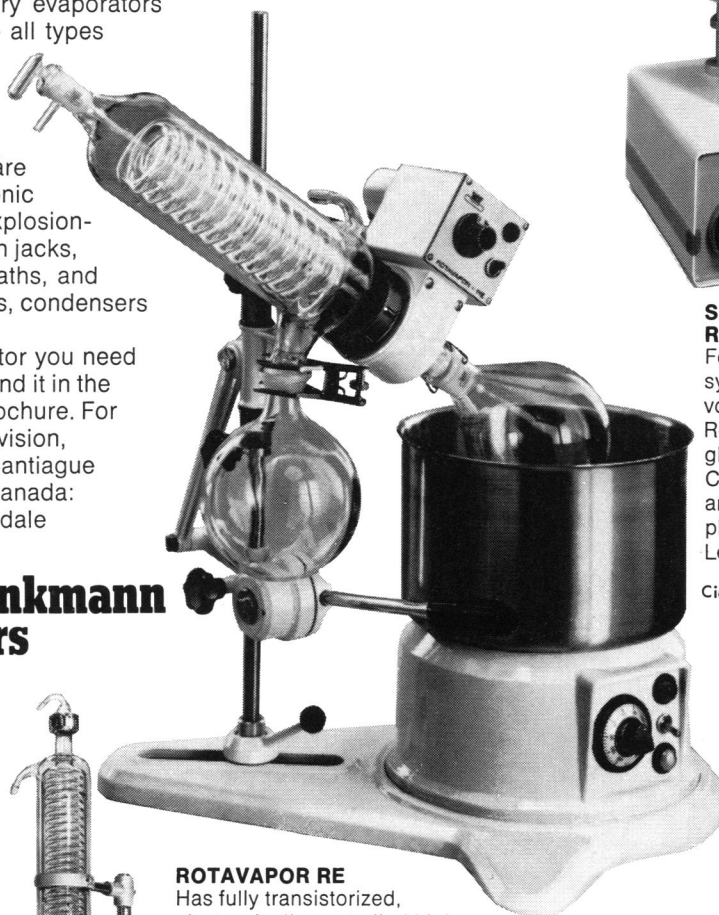
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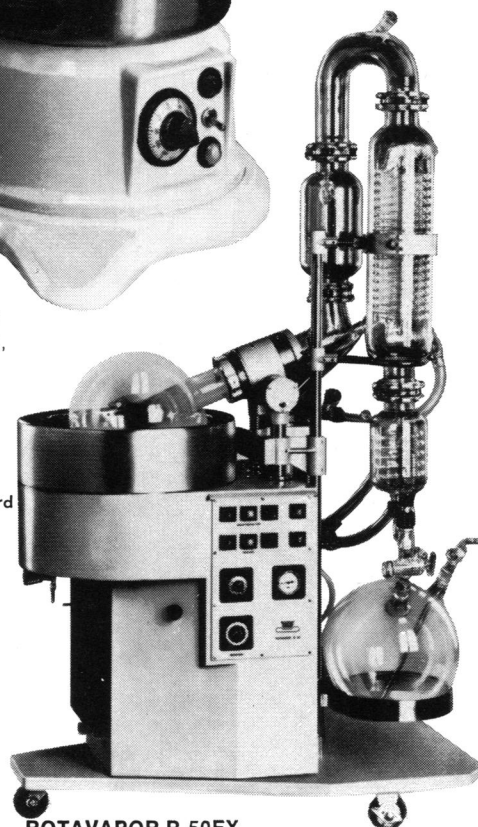
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