**VETERINARY MICROBIOLOGIST**

Our agricultural and veterinary research department needs a versatile scientist—one who is capable of innovation in the development of chemotherapeutic agents and vaccines for the veterinary trade. This scientist must have a Ph.D. and 2–5 years experience in several of the subdisciplines of microbiology showing a clear record of accomplishment in veterinary products research.

Location is in rural-suburban Lake County, Illinois. Please send résumé including salary information to:

**John Gaddis**

Professional Employment

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**OFFICE OF THE UNIVERSITY OF MICHIGAN MEDIA CENTER**

**PUBLICATION**

**PROJECT**

**POSITION**

**DUTIES**

**SALARY**

**APPLICATION**

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**POSITIONS OPEN**

**AQUATIC PLANT BIOLOGIST**

Ph.D. required for vacant assistant professorship qualified for research, teaching, and graduate training with emphasis on ecology and taxonomy of aquatic vascular plants. For further information write: Dr. F. G. Smith, Department of Botany and Plant Pathology, Iowa State University, Ames, Iowa 50010.

**ASSISTANT PROFESSOR**

New position. Beginning September 1973. Salary competitive. Interested in Ph.D. with strong research and teaching interests. Prefer someone who expects to be great. Area of specialty not particularly important but a scientific orientation is Contact: B. G. Tate, Chairman, Department of Biology, University of Mississippi, University, Mississippi 38677. We are an equal opportunity employer.

**ASSISTANT PROFESSOR POSITION AVAILABLE**

in the Department of Surgery, The University of Michigan Medical School, for July 1973. Candidate must be a thoracic surgeon skilled in general thoracic and cardiac surgery. Must be qualified for Thoracic Boards and have an interest in research. Code #100. Send resume to Box 1, SCIENCE, A Non-discriminatory Affirmative Action Employer.

**UNIVERSITY OF SOUTH FLORIDA DEPARTMENT OF BIOLOGY**

Applications are invited for a position at the level of Assistant Professor (possibly Associate Professor) from Biologists with a Ph.D. working in inmimmology, invertebrate behavior, or ichthyology. Duties, to begin September 1973 or later, will include teaching of undergraduate courses in biology and development of research and graduate instruction in their area of interest. Women and minority applicants invited. Send curriculum vitae to Chairman, Department of Biology, University of South Florida, Tampa, Florida 33620 by 20 January 1973.

**POSITIONS OPEN**

**BIOSTATISTICIAN**

BS or MS with 1-3 years' experience required by Northern New Jersey manufacturer of consumer packaged goods. Will serve as Assistant to Research Director. Duties include experimental design and evaluation, research planning, liaison and controls. Send resume and salary history to: Department 70453, 373 Fifth Avenue, N.Y., N.Y. An equal opportunity employer M/F.

**CHAIRMAN AND PROFESSOR POSITION AVAILABLE**

Department of Surgery, The University of Michigan Medical Center. Candidate must have M.D. degree and certification from the American Board of Surgery. Demonstrated administrative abilities essential. Code #100E. Send resume to Box 2, SCIENCE, A Non-discriminatory Affirmative Action Employer.

Associate or Assistant Professor with teaching responsibilities in general area of comparative physiology. Research interest may include physiology or physiological problems in ecology, behavior or evolutionary biology. Excellent research and teaching facilities available. Applicants should send curriculum vitae, publications, and three letters of reference to Dr. R. R. Holt, Biology Department, University of Missouri-St. Louis, 8001 Natural Bridge Road, St. Louis, Missouri 63121. Applications from women and minority groups are encouraged. The University of Missouri is an equal opportunity employer.

**ASSISTANT PROFESSORSHIP IN COMPUTER SCIENCE AND ELECTRICAL ENGINEERING**

Opportunity for recent Ph.D. with interest in, but not necessarily restricted to, programming languages, operating systems, and/or artificial intelligence in a research-oriented department composed of 11 members with diverse interests in systems, quantum electronics and optics, and computer science. Send resume to Professor W. H. Huggins, Chairman, Electrical Engineering Department, The Johns Hopkins University, Baltimore, Md. 21218. The Johns Hopkins University is an equal opportunity employer.
THE AUSTRALIAN MUSEUM, SYDNEY
requires a
CURATOR/ASSISTANT CURATOR,
MARINE INVERTEBRATES

SALARY: Assistant Curator—salary range $44,663-$57,969 p.a. Curator—salary range $48,701-$59,110 p.a. with progression to $60,042 p.a., subject to certain conditions. Appointment to research scientist/senior research scientist classification, with salary range $7,304 —$11,604 p.a., is available within the Public Service.

QUALIFICATIONS: Essential: degree in Zoology. Desirable: Postgraduate qualifications, with research in Zoology. Preference will be given to candidates with experience in corals or other coelenterates, echinoderms, ascidians or sponges. Previous experience in management of museum collections is an advantage.

DUTIES: Research on taxonomy/ecology of marine invertebrates; the curation of one or more marine invertebrate groups; answering public and professional scientific inquiries.

CONDITIONS: Subject to certain conditions the successful applicant will be eligible for—
1. Payment of fares.
2. Financial assistance towards cost of removal expenses.
3. Financial assistance towards initial accommodation expenses.


DEVELOPMENTAL PSYCHOLOGIST

Team member for follow-up studies of premature infants; Ph.D.; must have experience with infant and child testing; equal opportunity employer. L. F. Chapman, Chair, Department of Behavorial Biology, School of Medicine, University of California, Davis, California 95616 (916) 752-3361.

DIRECTOR OF GREAT LAKES RESEARCH

Due to the impending retirement of the present director, the University of Michigan invites applications or nominations for Director of the Great Lakes Research Division, a multidisciplinary institute consisting of zoological, limnological and ecological research on the Great Lakes. The new director will hold a professional appointment on the faculty and will have the responsibility of coordinating university programs in teaching and research on the Great Lakes. Applicants are requested to submit vitae by 1 February 1973 to Professor David M. Gates, GLRED Search Committee Chairman, Natural Science Building, The University of Michigan, Ann Arbor, Michigan 48104.

The University of Michigan is a nondiscrimina- tory, affirmative action employer.

ECOSYSTEM MODELER

Needed immediately for Coniferous Biome of International Biological Program through 1974. Salary to $18,000. Curriculum vitae and letters to

D. G. Chapman
College of Fisheries
University of Washington
Seattle, Washington 98195

ENTOMOLOGY

Assistant Professor, teaching/research. Ph.D. Primarily teaching undergraduate entomology. Research interest in the following: functional morphology, systems ecology, genetics, acarology, behavior. Teaching experience preferred. An equal opportunity employer. Letters and credentials to: Elton E. Ortman, Head, Department of Entomology, Purdue University, West Lafayette, Ind. 47907.

FACULTY POSITION AVAILABLE

Assistant Professor of Biological Sciences. B.S., B.A. or M.S. with postdoctoral teaching research, some administration in new division. Molecular biology, genetics, or cell physiology preferred. Send curriculum vitae and references to

Box 4, SCIENCE

IMMUNOLOGIST

M.S. or Ph.D. Experience in clinical immunology required. Opportunity to supervise and teach a busy, automated, teaching hospital laboratory located in central New York State. Salary commensurate with education and experience. Send curriculum vitae to

Box 3, SCIENCE

ASSISTANT PROFESSOR

Available September 1973. MEDICAL BACTEOBIOLOGIST. Will assume major responsibility for undergraduate course in medical microbiology and immunology and direct students in research specialty. Postdoctoral experience desirable. Submit curriculum vitae and references to: C. H. Tempelis, School of Public Health, University of California, Berkeley 94720.

Ph.D.’s FOR SEPTEMBER 1973

Microbiologist to teach general biology and introductory microbiology to students in nursing program. Geneticist to teach general genetics and own specialty (cytogenetics or biochemical genetics preferred). Ecologist to teach senior undergraduate environmental studies course and to participate in research study. Send resume to: Chairman, Department of Biology, George Mason University, Fairfax, Virginia 22030.

An Equal Opportunity Employer

NEUROANATOMY

Medical center Anatomy Department seeks applicants interested in teaching neuroanatomy/neurobiology, possibly some gross anatomy. Ph.D. in anatomy, post-doctoral training desirable. Let ters of application with complete curriculum vitae should include evidence of active on-going research in neuroscience.

Box 5, SCIENCE

An Equal Opportunity Employer

PHARMACOLOGIST/TOXICOLOGIST

Appointment effective July 1973. Responsibilities include instruction at both undergraduate and graduate levels in School of Pharmacy programs. Research activity expected, and supported. An equal opportunity employer. Level of appointment commensurate with qualifications. Send up-to-date curriculum vitae together with publication reprints to: Dean D. Perlman, School of Pharmacy, University of Wisconsin, Madison, Wisconsin 53706.

THE DEPARTMENT OF PSYCHOLOGY at the University of Oregon anticipates several new positions for the 1973-74 academic year. One is a joint position with the computer science department, and one is a position in physiological psychology (where there is an interdisciplinary training program with the Psychology Department). The other positions are in social and/or development psychology. Salaries are competitive. Recruiting is primarily at the Assistant Professor level.

Minority group members and women are urged to apply. Send curriculum vitae to: Professor R. Lichtenstein, Co-Head, Department of Psychology, University of Oregon, Eugene, Oregon 97403.
EXPERIMENTAL PSYCHOLOGY—Ph.D.
Assistant Professor of Psychology in the area of Experimental Psychology to start in September 1973. Candidates in this subspecialty will be considered, but especially in the area of cognitive psychology (broadly defined). Duties will include undergraduate and graduate teaching. Consideration. Applications should include a curriculum vitae and covering letter. Dr. James Zacks, Search Committee Chairman, Department of Psychology, Michigan State University, East Lansing, Michigan 48824.

An Equal Opportunity Employer

SALES SPECIALIST
LKB Instruments, Inc., an international research instrumentation manufacturer, has an opening in our Chicago office for a Sales Specialist with a Gas Chromatography background. The individual chosen will have responsibility for GCMS sales in this region and should have a proven sales background. Prefer candidate with Master's or Ph.D. Degree in Life Sciences. Applicants with analytical instrumentation experience will be considered. Compensation includes salary, commision plan and excellent fringe benefits. The position will require travel throughout Midwest. In your complete resume with salary requirements.

Mr. Donovan Merry
LKB Instruments, Inc.
60634 EOE
Chicago, Ill. 60634, EOE

RESEARCH DIRECTOR
INDIA

Major pharmaceutical firm with worldwide operations seeks a Director for a modern facility devoted to antibiotics research, located in Bangalore, India. This Director will manage the operations of a large staff in the early microbiological and chemical phases of such investigations. Position reports directly to U.S. research management.

We are seeking an Indian national who desires full-time opportunity in India and who has the following qualifications: Several years of research/research management experience beyond doctoral level training in microbiology or chemistry, with demonstrable record of accomplishment in administration and supervision of a moderate-size research group. Strong preference for individual with experience in the U.S. Must be an effective communicator in English.

Excellent salary and benefits, commensurate with assigned responsibilities.

For consideration, please submit complete information in confidence ten days.

BOX 6, SCIENCE

GRADUATE STUDY

GRADUATE STUDY IN PHARMACOLOGY. A program leading to the Ph.D. degree involving course work and research training which stresses research on fundamental mechanisms of drug action on neural, neurohumoral, membrane, and chemotherapeutic receptors. Special fields are pharmacological, biochemical, behavioral, and computer techniques. Full tuition available to qualified U.S. citizens. Early application for September 1973 strongly advised. Department of Pharmacology, Schools of Medicine and Dentistry, State University of New York at Buffalo, 122 Capen Hall, Buffalo, N.Y. 14214.

GRADUATE TRAINING PROGRAM IN OCCUPATIONAL HEALTH AND SAFETY. September 1973. A 12-month interdisciplinary program leading to the M.S. degree. Involves instruction in all aspects of Occupational Health and Safety, research project, seminar and conference. For further information, write to: Dr. Samuel Eskin, Project Director, Temple University Center for Environmental Health, 63 North Broad Street, Philadelphia, Pennsylvania 19140.

NOTICE OF RESEARCH TRAINING PROGRAM

The Fertilization and Gamete Physiology Research Training Program will be held at the Marine Biological Laboratory, Woods Hole, Mass., during August 1973. Emphasis will be on immunological, cytological, biochemical, and physiological research on marine organisms available at Woods Hole. Pre- and postdoctorals are accepted. Financial support is available for U.S. nationals. Applications must be filed by 15 February 1973 with: Dr. Charles B. Metz, Institute for Molecular and Cellular Biology, University of Miami, 521 Anastasia Avenue, Coral Gables, Florida 33134.

GRADUATE ASSISTANSHIPS IN BIOCHEMISTRY AND MOLECULAR BIOLOGY. Teaching and research assistantships leading to M.Sc. and Ph.D. degrees available beginning Fall 1973-74. Modern laboratories with excellent facilities. Widespread variety of research projects. Stipend for teaching assistantships range from $3700 to $4500 plus remission of fees; research assistantships range from $3000 to $4000. Apply Chairman, Department of Biochemistry, University of Alberta, Edmonton, Alberta, Canada.

PREDOCTORAL TRAINEESHIPS IN BIOMEDICINE: Applications are sought from candidates with training in the health sciences and substantial supplement in mathematics or statistics for traineeships in biomedical research. The training program is conducted in the Department of Preventive Medicine, the School of Public Health, and the Health Sciences Center. Selections are based on scholarly record and promise. For further information contact: Dr. H. K. G. McLeod, Department of Preventive Medicine, University of California, San Francisco 94122.

Two PhD positions available immediately for research on the structure and function of DNA processing enzymes, recombination processes, and microorganisms. Full-time positions available immediately. Send curriculum vita and list of references. Equal opportunity employer.

Student Fellowships available for U.S. citizens toward Ph.D. in Pharmacology. Diversified training related to the pharmacological and biochemical basis for drug action with emphasis on cancer therapeutics: inhibition of nucleic acid, protein and membrane components, reactivity, synthesis and inhibition, basis for selective toxicity, pharmacokinetics in animals and humans. Emphasis on immunology, pharmacology, molecular biology, pharmacokinetics, and preclinical and clinical pharmacology. Stipends start at $2400 with dependency allowances. Write to E. Mihalc, Chairman, Graduate Program, University of Wisconsin, Madison, Wis. 53706.