

**POSITIONS WANTED**


**Biochemist, Ph.D. (1970), seeks a permanent job with interest in teaching and research. Field of specialization: lipids in general and human serum lipoproteins. Box 534, SCIENCE.**

**Bioorganic Chemist, 1969, Excellent publications. Four years of postdoctoral experience in bio-synthesis of steroids, enzymes, bile acids, labeled chemicals. Instrumental, spectroscopy, chromatography and analytical instrumentation (GC, NMR, TLC, UV, IR). Seeks change, Industrial R & D or research position. Box 535, SCIENCE.**

**CARDIOVASCULAR PHYSIOLOGIST: Atherosclerosis, electrolytes, endocrinology, SEM, TEM, Grants, contracts, publications, administrative experience. Desires challenging research opportunity, some teaching. Box 524, SCIENCE.**

**GENERAL MANAGER, V.P., director. Ph.D. microbiology experience. Production, quality control, R & D, marketing. Health fields: biologicals, diagnostics, pharmaceuticals. Desires management, R & D, quality control, or academic administrative position. Box 514, SCIENCE.**

**POSITIONS OPEN**

**SENIOR ANTHROPOL ogist**

An immediate position is available at the American Museum for the Advancement of Science for an individual with international population experience to direct a project which will evaluate cultural factors in population programs. This project will last through June 1976. Excelsior staff are offering included are TIAA/CREF retirement, Ph.D. required. Salary range is in the upper $40's. Please send as soon as possible, résumé, salary requirements, and date of availability to W. R. Price, Director, 1515 Massachusetts Avenue, NW, Washington, D.C. 20005. The Association is an equal opportunity employment employer.

**DUKE UNIVERSITY, Three positions in ANTHROPOLOGY: Professor, Associate Professor, and Assistant Professor, starting the fall of 1974 or 1975. Salaries rated grade 1 by AAUP, Undergraduate and graduate teaching. One of the following specializations desirable but not necessary: ecological, structural, or symbolic anthropology; Old World archaeology, economic anthropology, anthropology of the United States, or anthropology of law. Send curriculum vitae to Chairperson, Division of Anthropology, Duke University, Durham, N.C. 27708.**

**ASSISTANT PROFESSOR**

Position available in the Division of Gastroenterology of the Department of Internal Medicine, University of Michigan Medical School. Applications are invited from physicians with a commitment to academic medicine. The successful candidate must be affiliated with the Veterans Administration Hospital on a part-time or full-time basis. Code #19200. Send résumé to Box 536, SCIENCE. A Non-discriminatory Affirmative Action equal employment employer.

**ASSISTANT PROFESSOR, Ph.D. in plant physiology or horticulture with demonstrated competence in whole-plant physiological research in the area of light-induced stress. Primary responsibility is to participate in team research on cold-hardiness in woody horticultural plants. Must also advise graduate students and teach courses in plant hardiness and in plant growth and development. Twelve-month appointment, Application deadline 15 December 1973. Applications forms available from Prof. R. E. Nyland, Department of Horticultural Science, University of Minnesota, St. Paul, Minn. 55101. An equal opportunity employer.**

**BIOLOGY-BIOCHEMIST**

Applications are invited for an assistant professorship in Biology at Montclair University. The applicant should have completed all the requirements of a Ph.D. or equivalent in biochemistry or allied fields, and be prepared to teach an undergraduate biochemistry course, take part in senior undergraduate and graduate instruction in their field of specialization, and pursue research. Salary $12,500 per annum. Appointment effective 1 July 1974. Applications to Dr. J. C. Ritchie, Chairman, Life Sciences Group, Scarborough College, University of Toronto, Toronto, Canada.

Applicants are sought for the headship of the Department of Botany, University of Georgia. The applicant should be a scholar in his own discipline and capable of providing innovative leadership.

**BRYOLOGIST**

Applications are invited for a position made available b. a retirement. The applicant will be expected to continue the active graduate teaching and research program in bryology now in the department and will have curatorial responsibilities for the large bryological collections. The rank and salary of the applicant are open to negotiation. In order to be considered, an application and curriculum vitae should reach Dr. M. Murray Evans, Chairman, Screening Committee, Department of Botany, University of Georgia, Athens, Georgia 30602. The University of Georgia is an equal opportunity employer.

**DEPARTMENT OF BIOLOGY**

**CASE WESTERN RESERVE UNIVERSITY**

Two faculty positions at the junior or senior level are available starting September 1974. Areas to be considered: (i) CELL BIOLOGY and (ii) PHYSIOLOGY. Applicants should have a strong commitment to research and to undergraduate and graduate education. Interested persons may send a curriculum vitae and a brief statement of current research interests, and have three letters of recommendation sent to Dr. Norman B. Rushforth, Chairman, Department of Biology, Case Western Reserve University, Cleveland, Ohio 44106. Case Western Reserve University is an Equal Opportunity Employer.

**CHAIR IN BIOCHEMISTRY**

The University of Auckland, New Zealand, School of Medicine has vacant a Chair in Biochemistry with the Headship of the Department. Applications accepted up to 30 November. Write for Conditions to:

B. A. CRIMP, Acting Registrar, University of Auckland, Private Bag, Auckland, New Zealand.

**Chairman, Biology Department**

To direct undergraduate and graduate (M.S.) programs of 11-member department in modern building. Administrative experience, research interest, and teaching in animal physiology preferred. Send curriculum vitae and three letters of recommendation to: Dr. Paulino Wood, Department of Biology, University of Detroit, Detroit, Michigan 48221. Deadline for applications is 1 January 1974. An Equal Opportunity Employer.

**CRYSTALLOGRAPHER**

To support x-ray and neutron diffraction research of in-house and visiting staff. Must have experience with automatic diffractometers and experience with structure research and crystallographic computer programming. Some opportunity for independent research. Excellent x-ray, neutron diffraction, and computing facilities available. Apply to:

Chairman, Chemistry Department
Brookhaven National Laboratory
Upton, New York 11973

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COMMUNITY MEDICINE
The School of Medicine, Health Sciences Center, State University of New York, Stony Brook, New York, is accepting applications for the position of Chairman, Department of Community Medicine. I lease address all responses with curriculut vitae to: Chairman, Search Committee, Dean's Office, School of Medicine, State University of New York, Stony Brook, New York 11790.

The Department of Chemistry, Stanford University, is seeking assistant professorial candidates in EXPERIMENTAL PHYSICAL CHEMISTRY. Preference will be given to areas of research in relation to the department's interests and needs. All applicants should include evidence of truly exceptional accomplishment and future potential in both independent scholarship and teaching aptitude. Three confidential letters of reference, graduate and undergraduate academic transcripts, research publications, and a one- to two-page synopsis of future research plans are required to complete application and should be sent to Professor James P. Collman, Chairman, University Committee, Department of Chemistry, Stanford University, Stanford, California 94305, by 15 November 1973. All candidates who meet the above qualifications are urged to apply irrespective of race, sex, or ethnic origin.

Ph.D. in Pharmacology/Pharmacokinetics
A pharmacologist with a strong background and/or experience in pharmacokinetics is required for a viable basic and applied research group whose program deals with in vitro, pre-clinical and clinical studies related to the physiological availability and disposition of drugs.

The candidate should be capable of the design and implementation of pharmacological studies that will allow for the correlation of the activity of a drug with its pharmacokinetics profile.

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Please write in confidence to Edward Meseck, Associate Employment Manager.

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DEVELOPMENTAL BIOLGGIST AND GENETICIST
Teaching general and advance courses in specialty plus participation in general biology research expected. Rank of Assistant Professor with Ph.D.; temporary lecturer rank with essential completion of doctorate. One position available January 1974, other August 1974. Developmental biologist working in experimental area at cell level. Geneticist with interest in genetic control of developmental processes in eucaryotes. Applications for January accepted until 26 November. Send curriculum vitae and names of three referees to: Biology Search Committee, Department of B, J, ogy, Indiana University-Purdue University at Indianapolis, Indianapolis, Ind. 46205. An Affirmative Action/Equal Opportunity Employer.

DEAN OF SCIENCE
The University of Texas at Arlington seeks dean for College of Science. Position to be filled 1 September 1974. Send curriculum vita in confidence to John D. Boon, Chairman, Search Committee, Department of Geology, Box 19699, The University of Texas at Arlington, Arlington, Texas 76019. An equal opportunity/affirmative action employer.

DEAN OF ENGINEERING UNIVERSITY OF ILLINOIS Chicago Circle Campus
The University of Illinois, Chicago Circle Campus, invites nominations and applications for the position of Dean of the College of Engineering. The college faculty of about 100 is organized into departments of energy, information, materials, and bioengineering programs. Special units such as an Energy Resources Center, a Bioengineering Center, and an Urban Systems Laboratory are being developed. The College, started in 1965, now offers a range of programs on the bachelor's, master's, and doctoral level, to a total enrollment of over 2000 students. Please write before 26 November, 1973, to: Jan Rocek, Dean, The Graduate College University of Illinois, Box 4348, Chicago, Illinois 60680.

The University of Illinois is an equal opportunity employer.

DIRECTOR OF PSYCHOMETRIC LABORATORY. The Department of Psychology, L. L. Thurstone Psychometric Laboratory of the University of North Carolina at Chapel Hill is searching for a director, with academic rank of full professor. The Laboratory offers a graduate program in quantitative psychology including uni- variate and multivariate techniques, scaling, decision-making, and cognition. Director is expected to be involved in administrative activities and teaching, and to maintain active research in one or more of these areas. Commence September 1974. Salary negotiable. Send complete résumé and relevant information to Prof. John Thibaut, Chairman of Search Committee, Department of Psychology, University of North Carolina, Chapel Hill, North Carolina 27514. An Equal Opportunity Employer.

DEPARTMENT OF BIOLOGY UNIVERSITY OF CALIFORNIA, LOS ANGELES
Prior to 1 July 1974, this department expects to make an appointment at the assistant professor level in the field of developmental biology. The University is an equal opportunity employer: women and members of minority groups are encouraged to apply. Please have three professional persons write us concerning you and send your resume together with your most significant publications to: Developmental Biology Search Committee, Department of Biology, University of California, Los Angeles, California 90024.

EDUCATION—CHAIRMAN
Preferred candidate would have doctorate and 3 to 5 years of successful experience. Proven administrator. Successful experience with grant proposals. Able to write, develop curricula; mature, possess sound judgment, innovations, and modifications; and able to work closely and cooperatively with other professional and administrative departments.

Submit resume, salary history and requirements direct to: Dr. Robert F. Inger, Field Museum of Natural History, Roosevelt Road at Lake Shore Drive, Chicago, Illinois 60605.

UNIVERSITY OF LEICESTER MEDICAL SCHOOL
Positions available for those holding a Ph.D. or medical qualification to teach EMBRYOLOGY, HISTOLOGY AND HUMAN ANATOMY to medical students in newly established medical school. Research interests may be in any related field. Position and salary according to experience.

Further particulars from the Registrar, The University, Leicester, England, to whom applications should be sent.

Informal enquiries may be made directly to the Professor of Anatomy, Dr. F. Beck.

FACULTY POSITION
Assistant professor with teaching (60 percent) and research (40 percent) duties in area of protein and enzyme chemistry. Ph.D. degree in biochemistry preferred with postdoctoral experience desirable. Send résumé, reprints, and names of three references to: Chairman, Search Committee, Department of Bacteriology and Biochemistry, University of Idaho, Moscow, Idaho. The University of Idaho is an equal opportunity employer.

GENETICIST—ASSISTANT PROFESSOR
We seek candidates qualified to teach at the undergraduate and graduate level and to establish and maintain a strong research program. Applicants in the areas of developmental, population, or radiation genetitcics are invited. We invite applications from members of minority groups. Salary open. Ph.D. required. Applicants should send curriculum vitae, three reference sources, and recent reprints to: Dr. Nicholas C. Falcoz, Chairman, Genetics Search Committee, University of New Brunswick, New Brunswick, New Jersey 08893. An Equal Opportunity Employer.

PROFESSOR OF GENETICS
Applications are invited from men and women for a senior position (assistant, associate, or full professor) in the field of GENETICS at the University of Windsor, Windsor, Ontario, Canada. Applicants will be expected to have demonstrated substantial and continuing research productivity and a solid national and international reputation commensurate with a professorial rank. We recognize that ability to direct both graduate and undergraduate students and interest in teaching at these levels are also desirable.

To apply, submit an academic biography, a list of publications, a detailed letter describing accomplishments and plans for and philosophy of future research, a statement of how you are an equal opportunity employer and encourages applications by individuals of all races and ethnic backgrounds which should be submitted to: Dr. C. H. W. Hirs, Director, Division of Biological Sciences, University of Windsor, Windsor, Ontario, Canada.

UNIVERSITY OF WINDSOR WINDSOR, ONTARIO, CANADA
Applications are invited for: HEAD, DEPARTMENT OF BIOLOGY. Applicants are expected to have a distinguished record in research and teaching, and to include teaching experience of undergraduate and graduate courses (cycles) in a broad spectrum of biological sciences; fostering the development of research programmes, and research and teaching.

The appointment commences 1 July 1974. Salary to be negotiated according to qualifications and experience.

Please send curriculum vitae, names of at least three referees, and other pertinent information to: Dr. Morris Cohen, Department of Biology, University of Windsor, Windsor, Ontario, Canada.
A vacancy is anticipated for an Assistant Professor whose research interests lie in the genesis of metamorphic rocks. In addition to teaching graduate and undergraduate courses in metamorphic petrology, the successful candidate will be required to teach field mapping techniques, including from time to time, the summer field course. Candidates, who should have received their Ph.D. degrees within the last 4 years (or expect to do so in 1974), should send their applications, together with copies of their published research to: Professor J. S. E. Carmichael, Department of Geology and Geophysics, University of California, Berkeley, California 94720. Closing date for applications is 1 December 1973. The University of California is an equal opportunity employer with an affirmative action program.

HEAD, DEPARTMENT OF VETERINARY MICROBIOLOGY

The Western College of Veterinary Medicine, University of Saskatchewan, invites applications for the position of Head of Department of Microbiology, effective 1 July 1974.

The successful candidate will have teaching and research experience, have achieved international recognition in a specific area of microbiology and be able to give leadership to a dynamic department, D.V.M., Ph.D., and administrative experience are expected.

Please send résumé and names of three references to: Dr. D. L. T. Smith, Dean, Western College of Veterinary Medicine, University of Saskatchewan, Saskatoon, Saskatchewan, Canada, S7N 0W0.

UNIVERSITY OF WASHINGTON
INSTITUTE FOR MARINE STUDIES

The Institute for Marine Studies of the University of Washington is considering faculty appointments in positions in the following policy studies:

Consideration is to be given to persons with interdisciplinary training and experience pertinent to the subject areas of coastal zone planning and management; international marine policy and management; development and management; marine transportation and commerce; naval power, national security issues, and policy; and off-shore technology systems. Résumés, including list of publications and references, may be sent to the Institute for Marine Studies, University of Washington, Seattle, Washington 98195.

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LIMNOLOGIST

Postdoctoral research associate for a watershed study. Experience in limnology and water chemistry required. Salary $10,000 for 12 months. Send curriculum vitae to:

Dr. Robert Harris
505 PS/A Building
Florida State University
Marine Laboratory
Tallahassee, Florida 32306

Ph.D. METEOROLOGIST

The Department of Meteorology at the Pennsylvania State University is seeking candidates for faculty appointments in several branches of atmospheric science. Openings exist for specialists in synoptic and applied meteorology, in dynamics and numerical weather prediction and in areas associated with scientific and mathematical analysis of problems related to atmospheric quality, and climatic evolution. A Ph.D. degree (or equivalent or in progress) is required. Faculty rank and salary will be commensurate with the experience and accomplishments of successful candidates. Interested persons should write promptly to the Department in care of Professor John A. Dutton, 503 Delke Building, University Park, Pa. 16802. The University is an equal opportunity, affirmative action employer.

MICROBIOLOGIST

Position available 1 January 1974 at the Assistant or Associate Professor level. Duties include teaching courses in microbial physiology and general microbiology. An advanced level course of the applicant's choice. Development of an active research program is also expected. Please send curriculum vitae and names of three references to Chairman, Microbiologist Search Committee, Biology Department, Southern Illinois University, Edwardsville, Illinois 62025.

MODELER, US/IBP

Applications are invited for the position above from persons with a good background in ecology and computer science, and experience in modelling complex systems. M.S. preferred but not required. Send résumé to:

Dr. Paul Lommen or Dr. Clayton Gist
Ecology Center
Utah State University
Logan, Utah 84322

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— PH.D. —
ANAERObic MICROBIAL BIOCHEMIST

Our Animal Health Products Division has established a new research position in its expanding rumen nutrition program. The individual sought will have the opportunity to conduct fundamental investigations on the metabolism of nutrients in the rumen, and to develop methods for changing the output of nutrients from the rumen.

We require a Ph.D. with recent training in anaerobic microbial biochemistry including experience in anaerobic techniques. Agricultural background and knowledge of rumen nutrition will be assets.

Our modern laboratory facilities are located in a rural environment, at our research center near West Chester, Pennsylvania. Francis J. Beston Director of Scientific Employment

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ATTACH LABEL HERE
The National Cancer Institute is soliciting source information from organizations having the technical capability and interest to provide research and management support in the program on etiology of pancreatic and other digestive organ adenocarcinomas. This Program has as its major goal an understanding of the etiology of this disease, with an end point nothing less than a scheme to prevent cancer of the pancreas. This requires evaluation of the available knowledge, the state of the art, identification of reasonable goals, and constant updating of research priorities. The NCI is interested in developing a mechanism to assist in administering this program.

The contractor will establish a team of professionals including experts in the etiology and epidemiology of digestive and digestive organ anatomy, pathology, physiology and biochemistry and carcinogenesis in general and then perform functions to arrive at periodic recommendations to the NCI Program. Activities would include, but not be limited to:

1) Recommending new projects to be initiated based upon existing knowledge.
2) Assisting in review and evaluation of new projects relevant to this program.
3) Recommending modifications of existing projects based upon review of state of the art and current performance.

After becoming thoroughly familiar with the program and NCI responsibilities and operations, the contractor is expected to submit to the Board a proposal for phasing this contract into a Prime Contractor relationship with the intent of maximizing the attainment of Program goals. If and when such a relationship develops, the contractor should have available laboratory space suitable for selected research projects relevant to pancreas adenocarcinoma.

To qualify, organizations must have available the following:

1) Scientific research and research management personnel to serve as staff for the project.
2) Technical and professional capability in experimental or clinical research with human or animal disease preferably dealing with pancreas and/or cancer as well as research management.
3) Availability of adequate office space and availability of laboratory space for future requirements.

Organizations having demonstrated capability and interest in the above areas and having consideration for "Requests for Proposals" are invited to submit a concise but complete résumé describing and specifically responding to the items outlined above.

Other pertinent information should also be included such as evidence of previous experience in projects of comparable scope and diversity and indication of any previous institutional experience in management of a large research program.

All capabilities and experience do not necessarily have to be represented totally in one organization, although one prime respondent must be indicated and written evidence of a commitment from any proposed subcontractors or key personnel to be hired is necessary for consideration.

This is not a request for proposal. Responses will be technically evaluated to determine R & D capabilities and potential sources for solicitation. Responses must be submitted to Mr. James L. Tidmore, Contract Specialist, Research Contracts Branch, National Cancer Institute, Landover Building, Room B-401, Bethesda, Maryland 20014, and must be received no later than 14 December 1973. Sources must reference No. 137. This number must be clearly shown.
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If you would like to learn more about the many uses of the user Definable Program overlay (shown above), and of the Acquisition-Processing-Displaying capabilities of this oscilloscope — please write for your copies of The Digital Processing Oscilloscope Brochure, the magazine feature article reprint "Scope with Brain Power" and the 7000-Series Oscilloscope Catalog. Write: Tektronix, Inc., P. O. Box 500A, Beaverton, Oregon 97005 or check the reader service box.
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