It is requested that only those employers who will not discriminate on the basis of race, color, religion, national origin submit positions open advertising.

AQUATIC BIOLOGIST/FISHERY BIOLOGIST

Applications are invited for a position as aquatic biologist/fishery biologist with the Water Resources Laboratory, University of Louisville. Candidates must have demonstrated ability to perform independent research, as evidenced by quality publications and an earned doctorate. The successful candidate will contribute knowledge in various aspects of aquatic biology with principal emphasis on stream ecology. Please send complete curriculum vitae and three letters of recommendation to Dr. Louis A. Krumholz, Director, Water Resources Laboratory, University of Louisville, Kentucky 40208. The position will be filled as soon as qualified individuals can be found. The University of Louisville is an Affirmative Action Employer.

STATE ARCHAEOLOGIST

IOWA

Applications should be well-qualified archeologists, have administrative ability, hold an advanced degree, and be eligible for an appoint ment in the Department of Anthropology at the University of Iowa. Please send résumé and supporting material before 1 October 1974 to:

Dr. John D. McRone
Associate Vice President for Educational Development and Research
The Graduate College
University of Iowa
Iowa City, Iowa 52242

The University of Iowa is an equal opportunity employer.

NUTRITION ACTIVIST

A public interest group is seeking a Ph.D., M.D., or Ph.D. who has specialized in the relationships between diet and chronic diseases. Person should be interested in working with an activist group that seeks reforms of government nutrition policies. For information contact Dr. Michael Jacobson, Center for Science in the Public Interest, 1779 Church St. NW, Washington, D.C. 20036.

LINCOLN UNIVERSITY

COLLEGE OF AGRICULTURE

New Zealand

CHAIR IN AGRICULTURAL MICROBIOLOGY

The Council of Lincoln College, a University of Agriculture located in Canterbury, New Zealand invites applications for appointment to the Chair in the Agricultural Microbiology Department. This will be the first appointment to the Chair in Agricultural Microbiology at this University College.

The successful applicant will be Head of the Department of Microbiology, which is responsible for a four-year undergraduate programme from Diploma to Post Graduate level, and which is active in research and advisory interests. The present establishment includes 1 Reader, 2 Senior Lecturers, 1 Lecturer, 1 Demonstrator and 3 Technicians.

Applicants should hold an advanced university degree in an appropriate field and it would be expected that they would have had experience in teaching and/or research.

The successful applicant will be appointed to the position within the existing range of appointments, with the commencing salary being in accordance with qualifications and experience with the range of $NZ15,111-$NZ19,233 per annum.

Expenses of appointment reimbursed up to specified limits. Applicants eligible to join the New Zealand Government Superannuation Scheme, or, if eligible, he may elect to continue for a limited period existing F.S.S.U. policies.

Applicants are advised to submit full details concerning professional qualifications and experience to:

Professor F. L. D. Smith, Head, Department of Microbiology, Lincoln College, Canterbury, New Zealand.

Applications close on 15 October 1974.
RIAs are so much easier and accurate with a Brinkmann Dilutor.

RI sample processing becomes a simple matter with the Brinkmann Digital Dilutor; it mixes sample and reagent additively, precisely and automatically at the touch of a button. Outstanding accuracy and reproducibility is made possible by an electronic digital volume setting system combined with two precision cylinder and piston assemblies, each having only 2 moving parts.

Liquids contact only glass and PTFE components. Operating range is 1.0 to 5,000 μl for reagent, adjustable in steps of 1.0 μl. Choice of two sample ranges: 0.1 to 500 μl, adjustable in steps of 0.1 μl (Model I), or 1.0 to 5,000 μl, in steps of 1.0 μl (Model II). For literature write: Brinkmann Instruments, Cangiague Road, Westbury, New York 11590. In Canada: Brinkmann Instruments (Canada) Ltd., 50 Galaxy Blvd., Rexdale (Toronto), Ont.

AUSTRALIA
Public Service of Victoria
MINISTRY FOR CONSERVATION
DIRECTOR OF ENVIRONMENTAL STUDIES
Ref. No. (Z/02)
Yearly salary: A$19,302 (U.S.$28,663)
DUTIES: To direct the activities of the Environmental Studies Group of the Ministry. To represent the Ministry at policy level in the formulation of integrated environmental studies and in the planning and conduct of those studies. To plan and implement the actions necessary to coordinate the activities of government departments, universities, and other groups participating in such studies. To prepare appropriate reports and advice. To participate in the application of research findings to multi-resource planning for environmental management.
QUALIFICATIONS: A higher degree in the physical or biological sciences or in engineering, or equivalent qualifications, and evidence of experience in more than one discipline; proven ability to initiate and supervise an integrated set of interdisciplinary investigations required to understand the resources of a region and the constraints to be exercised in their use and management. The applicant must have had experience or a close relationship with government, university, and industry.
LOCATION: The Director will be based in Melbourne, Australia. Provision will be made for payment of at least part of removal and transportation expenses to Melbourne. Applicants should indicate the earliest date they will be available to commence duty, and, at least three letters of reference and the names of three persons who can substantiate their credentials. Applications quoting reference No. (Z/02), should be addressed to the Secretary, Public Service Board of Victoria, State Public Offices, No. 1 Treasury Place, Melbourne, 3002, Australia, by not later than 9:30 a.m. on Wednesday, 25 September 1974, together with statements of experience and qualifications and date and place of birth.

FACULTY POSITION
The University of Tennessee-Oak Ridge Graduate School of Biomedical Sciences seeks applicants with a doctoral degree in physiology, pathology, or related area. Research affiliation with the Biology Division, Oak Ridge National Laboratory. Rank and salary dependent on qualifications. Successful candidate will maintain viable research program and teach mammalian physiology at graduate level. Duties also include assisting in recruitment and advisement of students in minority research training program. Minority applications encouraged.
Send curriculum vitae and three references to: Fred C. Hartman, Search Committee, University of Tennessee-Oak Ridge Graduate School of Biomedical Sciences, Biology Division, Oak Ridge National Laboratory, P.O. Box Y, Oak Ridge, Tenn. 37830
An Equal Opportunity/Affirmative Action Employer

FERMENTATION DEVELOPMENT
The individual selected for this position will work in a group whose goals are to optimize the fermentation productivity of antibiotics. Programs concerning all aspects of fermentation are the responsibility of this group. Areas of investigation could include: regulation of biosynthesis, nutrient interaction and optimization, inoculum development, fermentation engineering, and continuous and semi-continuous processes.
Candidates should have either a Ph.D. degree or equivalent experience in biochemical engineering, microbiology, or engineering with a strong microbiology background. Please direct résumé to:
Mr. R. R. Lewin
Personnel Representative
Fil Lilly and Company
1202 Kentucky Avenue
Indianapolis, Indiana 46206
An Equal Opportunity Employer

GENETICS, CELL BIOLOGY
Assistant Professor, 1-year appointment, may be renewed. Ph.D. required. Teach genetics, cell biology, and other courses as required. Research opportunities. Write Dr. James F. N. Brown, Head, Department of Biological Sciences, University of Alaska, Fairbanks, Alaska 99701.
An Equal Employment Opportunity Employer

MEMORIAL UNIVERSITY OF NEWFOUNDLAND
DEPARTMENT OF GEOLOGY
Applications are invited for the position of Research Associate (Electron Probe Microanalysis).
DUTIES: Will include routine care, maintenance and supervision of an automated electron probe microanalyzer. The appointee will also be required to train microprobe users and assist in the preparation of specimens.
QUALIFICATIONS: An appropriate degree or diploma, preferably an M.Sc. or Ph.D. Experience in electronics, microprobe analytical techniques, and computing procedures would be an advantage.
Tenure: Initially for a 2-year period. Salary: To be negotiated, depending on qualifications and experience.
Application: Written application stating full particulars of qualifications and experience together with names and addresses of three referees should be sent to: Dr. K. D. Collerson, Department of Geology, Memorial University of Newfoundland, St. John's, Newfoundland.

ORAL BIOLOGY DEPARTMENT HEAD
Applications and nominations are invited for the position of Chairman of the Department of Oral Biology in the Creighton University School of Dentistry. This position is tenable 1 July 1975. Minimal qualifications include the Ph.D. in a Basic Health Science, with experience in Dental or Medical teaching with research and administration commensurate with the position; a D.D.S. degree in addition to the Ph.D. with lesser experience in teaching, research, and administration will be considered.
Please send résumé to:
Search Committee, Department of Oral Biology
School of Dentistry
Creighton University
Omaha, Nebraska 68131
An Equal Opportunity Employer

SCIENCE, VOL. 185
ASSOCIATE DIRECTOR FOR DIABETES, ENDOCRINE, AND METABOLIC DISEASES

The Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism, and Digestive Diseases, Bethesda, Maryland, invites applications for the position of Associate Director for Diabetes, Endocrine, and Metabolic Diseases, GS-602-16, salary range $32,806 to $36,000 per annum. Duties will include planning and direction of programs of support for research and training in the diagnosis, prevention, and treatment of diabetes mellitus and related endocrine and metabolic diseases. M.D. with Board Certification in Internal Medicine, and extensive experience in basic or clinical investigations in this area mandatory. Must have held position involving program development and direction in this area, and have recognized leadership ability. Must also be a citizen of the United States.

Forward résumé (or Federal Application Form SF-171) no later than 27 September 1974, to: Mrs. June Ardizzone, Personnel Officer, Bldg. 31, Room 9A-34, National Institute of Arthritis, Metabolism, and Digestive Diseases,

NATIONAL INSTITUTES OF HEALTH
Public Health Service
Bethesda, Maryland 20014

An Equal Opportunity Employer M/F

TOXICOLOGIST

DRUG SAFETY EVALUATION

The Endo Laboratories Department of Toxicology is seeking a qualified Ph.D. with industrial experience for a position as Toxicologist or Senior Toxicologist. The position will involve direct responsibility for all aspects of in-house acute, subacute and chronic toxicity studies of new drug candidates. Applicants should have an active research interest in general toxicology and the ability to communicate research findings quickly and effectively.

You will join a major pharmaceutical company, in our Nassau County, Long Island, New York, headquarters. Convenient to all transportation facilities and easy access to New York City and all its cultural activities. We offer a challenging opportunity, excellent fringe benefits and salary commensurate with experience and background.

Please send résumé in confidence to:

PERSONNEL DEPARTMENT

Endo Laboratories, Inc.

Subsidiary of Du Pont

1000 Stewart Ave., Garden City, N.Y. 11530

An Equal Opportunity Employer
ASST. RESEARCH DIRECTOR, DERMATOLOGY

Leading manufacturer of cosmetics toiletries, and pharmaceuticals, situated in the Princeton/Rutgers area, has an excellent opportunity available for Ph.D. Biochemist, Physiologist or Pharmacologist. Position requires five or more years' experience in dermatological research on skin structure, function and disease. Some experience in the clinical safety and efficacy testing of toiletries and proprietary drugs is also required. The successful candidate will be responsible for conducting long-term, as well as product-oriented, research now in progress, and initiating new research and new methods development. If you are qualified and desirous of being an important member of our professional team, please submit résumé indicating salary history and requirements, in strict confidence.

Mr. Charles Newman
Employment Manager
Carter-Wallace, Inc.
Crainbury, New Jersey 08512
An Equal Opportunity Employer, M/F

POSITIONS OPEN

ASSISTANT PROFESSOR

Position available in the Department of Anatomy, University of Michigan Medical School. Candidate should have a Ph.D. degree and at least 10 years of teaching experience in Gross Anatomy. Research field of interest in endocrine pathology, and experience in microscopical and electron microscopic techniques desirable. Code 401, SCIENCE, A Non-discriminatory Affirmative Action Employer.

ASSISTANT PROFESSORSHIP

Starting January or August 1975. Research interests (vertebrate emphasis preferred) in developmental neurophysiology, cellular neurochemistry, and electron microscopy of vertebrate nervous tissue will be considered. Candidates should be interested in teaching medical students and conducting research on the neurohypophysis. An equal opportunity as of October 1st. Send résumé to: J. C. Megraw, Department of Zoology, University of Iowa, Iowa City, Iowa 52242.

An Equal Opportunity Employer

ASSOCIATE PROFESSOR

Position available in the Department of Anatomy, University of Michigan Medical School. Candidate must have M.D. and Ph.D. degrees and at least 10 years of teaching experience in Gross Anatomy at the freshman level. Research field should be in cyto-histology, intercellular or intracellular communication, endocrine or non-endocrine physiology. The position requires responsibility for undergraduates, graduate students, and residents. An equal opportunity as of October 1st. Send résumé to: P. J. Siegel, Department of Anatomy, University of Michigan, Ann Arbor, Michigan 48109.

An Equal Opportunity Employer

ASSOCIATE PROFESSOR OF GEOLOGY

The University of Connecticut, in conjunction with the Marine Sciences Institute, invites applications for a geologist specializing in marine geology and geochemistry, to develop and conduct research in these areas. A Ph.D. in marine sedimentsology, advise M.S. and Ph.D. degree candidates, and teach undergraduate and graduate courses in geology. Minimum requirements include a strong record of accomplishment, including research in marine geology. Starting date is available right away. Send résumé to: Robert Brinkman, Marine Sciences Institute, The University of Connecticut, Storrs, Connecticut 06269.

An Equal Opportunity Affirmative Action Employer

DIRECTOR, NATIONAL INSTITUTE ON AGING

The National Institutes of Health invites nominations and applications for the position of Director, National Institute on Aging (NIA). This new organization will be the 11th research institute at the National Institutes of Health, Public Health Service. NIA will conduct and support basic and clinical research and research training in biomedical and behavioral sciences related to the aging process and the diseases and other special problems of the aged. Applicants should have a doctorate in a science or medicine or both and demonstrated achievements in research and administration in biomedical, behavioral, or social discipline. The M.D. degree will not be required for the position. In addition, the position requires a high degree of judgment, understanding, ability, and creativity. An equal opportunity employer. Position in top U.S. Civil Service grade, located in Bethesda, Maryland. Letters of application with curriculum vitae, lists of references and names of three references should be sent to: The Search Committee, NIA, Room 197, Bethesda, Maryland 20014.

An Equal Opportunity Employer

FACULTY POSITIONS

Applications are invited for a position as Assistant Professor of Oncology. Persons who apply for this position should have a specific interest in research and strong training in the immunogenetics and immunology of spontaneous and viral, chemical-, or radiation-induced tumours and should be prepared to develop a fundamental research program in one of these areas. Each applicant should submit a curriculum vitae, a brief statement of research interest and short resume, the names and addresses of at least three persons qualified to evaluate the candidate, and a two- to three-page statement of research accomplishments and future objectives. All well-qualified individuals will be encouraged to apply. The position will be available 1 February 1975 and should be filled by 1 September 1975. We are supportive of and committed to the principle of Equal Opportunity. Send applications to: Dr. Harry C. Pitter, Department of Oncology, University of Wisconsin, Medical Research, University of Wisconsin, Madison, Wisconsin 53706.

AN EQUAL OPPORTUNITY EMPLOYER

FACULTY POSITION

Applications are invited for a position as Assistant Professor of Pharmacology. Persons who apply for this position should have a specific interest in research and strong training in the immunogenetics and immunology of spontaneous and viral, chemical-, or radiation-induced tumours and should be prepared to develop a fundamental research program in one of these areas. Each applicant should submit a curriculum vitae, a brief statement of research interest and short resume, the names and addresses of at least three persons qualified to evaluate the candidate, and a two- to three-page statement of research accomplishments and future objectives. All well-qualified individuals will be encouraged to apply. The position will be available 1 February 1975 and should be filled by 1 September 1975. We are supportive of and committed to the principle of Equal Opportunity. Send applications to: Dr. Harry C. Pitter, Department of Oncology, University of Wisconsin, Medical Research, University of Wisconsin, Madison, Wisconsin 53706.

AN EQUAL OPPORTUNITY EMPLOYER

FACULTY POSITIONS—PHARMACOLOGY

Two associate or assistant professors to be appointed by 1 July 1975: (a) one pharmacologist, Ph.D. and/or medical pharmacologist, M.D. and Ph.D. or equivalent plus special qualifications, to be appointed as a joint appointment; (b) one pharmacologist, with special qualifications in surgical or obstetrical pharmacology, to be appointed as a joint position with the Department of Surgery. Duties include teaching and research. Applications should include curriculum vitae, names and addresses of three referees to be sent to: Dr. M. C. Sutter, Head, Department of Pharmacology, University of British Columbia, Vancouver, Canada, V6T 1W5, by 1 December 1974.

An Equal Opportunity Employer, M/F
GRANT ADMINISTRATOR
Ph.D. in biology, clinical biochemistry, or health related discipline. Work with science and new medical technology.様々한 생물학적, 생리학적, 보건과학적 공학적 연구 및 투자에 관여하는 경험이 필요하다. 경험이 풍부한 것이 가장 중요하다. 교육이 필수적일 뿐만 아니라 적절한 연구 및 투자 지식이 필요하다. 수석 연구원으로서 필수적인 업무를 수행한다.

MARINE BIOLIGIST
Position available immediately. Requires M.A. or appropriate professional experience. Strong background in estuarine and marine ecosystems, Fisheries experience preferred. Successful and highly motivated, coordinate field investigations, literature reviews, and must possess professional writing skills.

RADIATION BIOLOGY AND BIOPHYSICS DEPARTMENT OF THE MEDICAL COLLEGE OF WISCONSIN (MCW) DEPARTMENT OF RADIOLOGY AND BIOPHYSICS
Postdoctoral Fellow in biological applications of ESR; ESR experience is not required.

RESEARCH BIOLOGIST
Postdoctoral Fellow in biological applications of ESR; ESR experience is not required.

RESEARCH MICROBIOLOGIST
The research microbiologist will plan, organize, direct, and coordinate the microbiological research, operations, and processes within the environment laboratory. Duties include:

- Conducting research in the area of microbiology.
- Overseeing the operations of the microbiology laboratory.
- Supervising the laboratory staff.
- Collaborating with other departments.

Minimum qualifications:
- Master’s degree in microbiology or related field.
- 4 to 7 years of effective research experience.

The University of Delaware is an affirmative action/equal opportunity employer. Please apply to:

Dr. Kent S. Price
University of Delaware
College of Marine Studies
PO Box 278
Lewes, Delaware 19958

FELLOWSHIPS
POSTDOCTORAL FELLOWS—NEUROSCIENCES
Postdoctoral Fellowships funded by a private foundation grant to the University of California, San Diego, are available in the general area of the Neurosciences. Deadline for receipt of application (which should include a complete curriculum vitae together with the names of two referees and a statement of research interests) is January 1, 1975. For further information contact Dr. B. Schuler, Director, Postdoctoral Research Room 2054, Basic Science Building, University of California, San Diego, Box 109, La Jolla, California 92037.

Rhodes University
Grahamstown, 6140

HUGH KELLY FELLOWSHIP
The Rhodes University Council announces the establishment of the Hugh Kelly Fellowships. The Fellowships are for senior scientists wishing to undertake or continue their research in any of the fields of the Faculty of Science; the first of these Fellowships will have been in the year 1975. The Faculty comprises the Department of Chemistry, Botany, Geography, and Psychology.

The Fellowships will be awarded for a period of two years and shall include two academic terms of the University. The Fellows will be entitled to return air fare from the Fellow's place of residence.

The Fellow will be required to present the results of their research in the form of a written report, and in addition, the Fellow shall be required to give a public lecture in the language of the University. The Fellow shall be required to give a public lecture in the language of the University.

Applications should be submitted by 31 October 1974.
This volume traces the development of science in America during the past 50 years through a selection of the presidential addresses of the American Association for the Advancement of Science. Published together for the first time, these addresses by well-known scientists explain the complex problems of the relationship between science and society and highlight the important changes that have taken place in the 20th century. The thoughtful introduction by Professor Robert Kargon of The Johns Hopkins University carefully sets the stage for the addresses. The addresses themselves show, for example, how closely science funding has been related to defense since World War II. They also show that McCarthyism was a critical problem for the development of science in America, that scientists were deeply concerned about ecology long before it became fashionable, and that scientists are human beings as well as scientists. Above all, the addresses will leave the reader with an appreciation of how humane and responsible the scientific tradition has been in the United States.

Edited by: Robert H. Kargon

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