POSITIONS WANTED


Pathotoxicologist. B.V.Sc., Ph.D. Six years of experience in clinical and general toxicology, preparation of protocols, evaluation of toxicity reports, toxicology data management, and field investigations. Box 66, SCIENCE. Telephone: 319-386-6971 after 4 p.m. X

Physiologist, Ph.D. Stanford, 1977. Four years of postdoctoral training. Extensive experience in basic human research, including cardiovascular regulation, muscle metabolism, exercise, physiopathology. AGREEMENTS, agreements, and funding record. Excellent references. Seeks medical school academic appointment. Box 76, SCIENCE. 3/29; 4/5, 12, 19

Research Associate (Ph.D. molecular biology, 1981) working in a leading molecular biology laboratory seeks experience in research or industry as or investigator in a research group in immediate future. Research experience in recombinant DNA technolo- gies including eDNA cloning, DNA sequencing and hybridization. Experience in virology, mRNA purification, in vivo and in vitro eukaryo- tic and prokaryotic cell systems, stem cell culture, Strong background in enzymology, protein biosynthesis, and purification from mammalian sources. Box 77, SCIENCE.


ACADEMIC ORTHOPAEDIC SURGEON at the University of Michigan Medical Center with emphasis in sports medicine. Responsibilities include pa- tient care on the trauma and general orthopaedic services and the teaching of University of Michigan medical students and orthopaedic residents. Candidates with fellowship training in sports medicine or as an investigator in a research group in immediate future. Research experience in recombinant DNA technolo- gies including eDNA cloning, DNA sequencing and hybridization. Experience in virology, mRNA purification, in vivo and in vitro eukaryo- tic and prokaryotic cell systems, stem cell culture, Strong background in enzymology, protein biosynthesis, and purification from mammalian sources. Box 77, SCIENCE.


ASSISTANT PROFESSOR (non tenure-track). Candidates with background in metabolic aspects of brain mitochondria and demonstrated ability to carry out independent research are invited to apply. Experience in mitochondria isolation and enzyme purification is desirable. Salary negotiable. Send curriculum vitae to: Dr. H. Moser, John F. Kennedy Institute, Neurology Department, Johns Hopkins Univer- sity, 707 North Broadway, Baltimore, Md. 21205. An Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR (tenure-track). Candidates with background in metabolic aspects of brain mitochondria and demonstrated ability to carry out independent research are invited to apply. Experience in mitochondria isolation and enzyme purification is desirable. Salary negotiable. Send curriculum vitae to: Dr. H. Moser, John F. Kennedy Institute, Neurology Department, Johns Hopkins Univer- sity, 707 North Broadway, Baltimore, Md. 21205. An Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR ANATOMY AND PHYSIOLOGY

The Biology Department at Mansfield University announces an opening for an Assistant Professor to teach human anatomy, human physiology, animal biology, and assist in the General Biology Pro- gram. Experience in the degree and professional involvement in biology and allied health sciences are required. This is a ten-month position, with an optional 1-month month of summer re- search assistantship. The successful candidate will contribute essentially to the ENVIRO- MENTAL HEALTH undergraduate curriculum with- in the Department of Biological Sciences and develop- a dynamic research program in an area broadly related to human health and the environment. Per- sons with experience or interests in toxicology, hazardous waste, or environmental chemistry are encouraged to apply. Faculty in the department participate in a M.S. program in biological sciences and doctoral program in environmental health. The successful candidate will be expected to develop and teach core curriculum courses in toxicology, environmental health, and related courses. Applicants should have a PhD in environmental health, public health, or related field and the ability to interact effectively with students at the undergraduate and graduate levels. Applications will be reviewed beginning 1 May 1985, with interviews expected to begin 15 May 1985. Send curriculum vitae with names of three references to: Dr. Michael Gill, Department of Biological Sciences and Environmental Health, Mansfield University, 470 East Main Street, Mansfield, Ohio 44905. An Equal Opportunity/Affirmative Action Employer.

ASSISTANT/ASSOCIATE PROFESSOR IN IMMUNOLOG Y

The Immunology/Microbiology Department of Rush Medical College invites applications for a track faculty position. The candidate should be able to develop and continue a research program involving phagocytic cell surface receptors in the pathogenesis of infectious diseases. This position is available starting fall quarter 1985. The successful candidate will be expected to develop and teach core courses in the ENVIRO- MENTAL HEALTH undergraduate curriculum within the Department of Biological Sciences and develop- a dynamic research program in an area broadly related to human health and the environment. Per- sons with experience or interests in toxicology, hazardous waste, or environmental chemistry are encouraged to apply. Faculty in the department participate in a M.S. program in biological sciences and doctoral program in environmental health. The successful candidate will be expected to develop and teach core curriculum courses in toxicology, environmental health, and related courses. Applicants should have a PhD in environmental health, public health, or related field and the ability to interact effectively with students at the undergraduate and graduate levels. Applications will be reviewed beginning 1 May 1985, with interviews expected to begin 15 May 1985. Send curriculum vitae with names of three references to: Dr. Michael Gill, Department of Biological Sciences and Environmental Health, Mansfield University, 470 East Main Street, Mansfield, Ohio 44905. An Equal Opportunity/Affirmative Action Employer.

ASSISTANT/ASSOCIATE PROFESSOR FOR ANATOMY

The Department of Anatomy in a Christian medical and dental school is seeking applicants for two full- time, 9-month academic appointments: (i) teaching in anatomy, and (ii) teaching in histology beginning summer 1985. A Ph.D. in anatomical sciences is required. Preference will be given to candidates having an active research program and at least 2 years of postdoctoral experience. Send curriculum vitae with names of three letters of reference to: Dr. E. Norvell, Ph.D., Professor and Chairman, Department of Anatomy, Schools of Medicine and Dentistry, Oral Roberts University, Tulsa, Oklahoma 74104. Oral Roberts University is a Christian ministry that em- ploys without regard to race, color, sex, age, handi- cap, or national origin.

ASSISTANT PROFESSOR OF FOOD SCIENCE

Tenure-track, 9-month appointment, to teach (1) food processing and conduct research (2) in an area of special interest. Food science is an area of desirable interest. Qualifications include Ph.D. in food science. Postdoctoral/experience with interest in molecular mechanisms of immune effector cell function. Investigative experience in subcellular changes which may be operable in the effects of immunomodulators and T cells, NK cells or macro- phages, would be required. Applicants should be knowledgeable in immunology, molecular and cellular techniques applicable to this problem. Oppor- tunity to interact not only with laboratories in the area of Immunology, but with the newly created Labo- ratories in the Department of Medical Microbiology and other laboratories on campus. The successful candidate for this position will be expected to develop a strong independent research program and to participate in the departmental Ph.D. training program. Contact: Ernest C. Ehrlich, Ph.D., Professor, Department of Integrative Biology, University of California, Berkeley, California 94720. An Equal Opportunity/Affirmative Action Employer.

ASSISTANT/ASSOCIATE PROFESSORSHIP IN VIMMUNOLOGY

The Immunology/Microbiology Department of Rush Medical College invites applications for a track faculty position. The candidate should be able to develop and continue a research program involving phagocytic cell surface receptors in the pathogenesis of infectious diseases. This position is available starting fall quarter 1985. The successful candidate will be expected to develop and teach core courses in the ENVIRO- MENTAL HEALTH undergraduate curriculum within the Department of Biological Sciences and develop- a dynamic research program in an area broadly related to human health and the environment. Per- sons with experience or interests in toxicology, hazardous waste, or environmental chemistry are encouraged to apply. Faculty in the department participate in a M.S. program in biological sciences and doctoral program in environmental health. The successful candidate will be expected to develop and teach core curriculum courses in toxicology, environmental health, and related courses. Applicants should have a PhD in environmental health, public health, or related field and the ability to interact effectively with students at the undergraduate and graduate levels. Applications will be reviewed beginning 1 May 1985, with interviews expected to begin 15 May 1985. Send curriculum vitae with names of three references to: Mark Peeples (Selection Committee), Rush Medical College, 1753 West Congress Parkway, Chicago, Ill. 60612. An Equal Opportunity/Affirmative Action Employer.
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Information for Contributors

The Editors of Science

Manuscripts should be addressed to the Editor, Science, 1515 Massachusetts Avenue, NW, Washington, D.C. 20005. Submit three copies together with a letter of transmittal giving:

1) the names and telephone numbers of the authors;
2) the title of the paper and a statement of its main point;
3) three to eight keywords to be used for indexing;
4) the names, addresses, telephone numbers, and fields of interest of four to six persons in North America but outside your institution who are qualified to referee the paper;
5) the names of colleagues who have reviewed the paper;
6) the total number of words (including text, references, and figure and table legends) in the manuscript; and
7) a statement that the material has not been published and is not under consideration for publication elsewhere.

Before being reviewed in depth, most papers are rated for their interest and overall suitability by a member of the Board of Reviewing Editors. When papers are submitted in disciplines for which there is no appropriate member of the Board of Reviewing Editors the initial screening is done by editorial staff members in consultation with outside experts in those areas. Papers that are not in the highest rating category are returned to the authors within about 2 weeks. The others are reviewed in depth by two or more outside referees. Authors are then notified of acceptance, rejection, or need for revision within 6 to 10 weeks from the date of receipt. As stated in the editorial of 18 January 1985 (Science, volume 227, page 249), there can be no resubmissions, either of papers returned after initial screening or of papers returned after in-depth review.

Conditions of Acceptance

When a paper is accepted for publication in Science it is understood by the editors that any materials necessary to verify the conclusions of the experi-

ments reported will be made available to other investigators under appropriate conditions.

It is also understood that a paper accepted by Science will not be released to the press or the public before its publication.

Selection of Manuscript

In selecting papers for publication, the editors give preference to those of general significance that are well written, well organized, and intelligible to scientists in different disciplines. An attempt is made to balance the subject matter in all sections of Science. Membership in the AAAS is not a factor in selection.

Papers accepted for publication are edited to improve the accuracy and effectiveness of communication and to bring them within the specified length limits. When the author's meaning is not clear, the editor may consult the author by telephone; when editing is extensive, the manuscript may be returned to the author for approval and retyping before the type is set.

Six categories of signed papers are published: general articles, research articles, reports, letters, technical comments, and book reviews.

General articles. General articles (up to 5000 words) are expected to (i) review new developments in one field that will be of interest to readers in other fields; (ii) describe a current research problem or a technique of interdisciplinary significance; or (iii) discuss some aspect of the history, logic, philosophy, or administration of science and public affairs. Readers should be able to learn from a general article what has been firmly established and what are unresolved questions; speculation should be kept to a minimum.

Many of the general articles are solicited by the editor. Both solicited and unsolicited articles undergo review.

General articles should include a note giving authors' names, titles, and addresses; a summary (50 to 100 words); an introduction that outlines for the general reader the main point of the paper; and brief subheadings to indicate the main ideas. The reference list should not be exhaustive; a maximum of 40 references is suggested.

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Reference to a paper being submitted will be considered for use on the cover. Submit prints (not slides, negatives, or transparencies) with the manuscript and indicate in the letter of transmittal that a possible cover picture is enclosed.