

# Personnel Placement

**SCIENCE** publishes each Friday, except the last Friday of the year. Advertising is accepted only in writing; no abbreviations. Any deadline in ad must be at least 2 weeks after date of issue in which ad appears. Also, personnel advertising is accepted only with the understanding that the advertiser does not discriminate among applicants on the basis of race, sex, religion, age, color, national origin, handicap, or sexual preference.

**LINE CLASSIFIED ADVERTISING DEADLINES:**  
8 August issue (mailed 1 August): **18 July**  
15 August issue (mailed 8 August): **25 July**  
22 August issue (mailed 15 August): **1 August**  
29 August issue (mailed 22 August): **8 August**

**POSITIONS WANTED:** 40¢ per word, plus \$4 for use of box number, per week. \$10 minimum, per week. Prepayment required. This rate is available only to individuals seeking jobs.

**LINE DISPLAY (POSITIONS OPEN, COURSES, FELLOWSHIPS, MARKETPLACE, and so forth):** \$13.00 per millimeter; \$325 minimum, per week (minimum charge covers 25 millimeters on a single column; 25 millimeters equals 10 lines of 50 spaces per line). No charge for use of box number. No agency commission for ads less than 103 millimeters (4 inches). No cash discount. Prepayment required for all foreign ads. Purchase orders and billing address required for all other advertising.

Send copy for all **Positions Wanted** ads and **Line Display** ads less than 1/6 page in size (125 millimeters) to:

**SCIENCE Classified Advertising**  
1333 H Street, NW, Room 940  
Washington, DC 20005  
Telephone: 202-326-6555

Send copy for **Fractional Display** ads, 1/6 page and larger, and all **Marketplace** ads to:

**Scherago Associates, Inc.**  
1515 Broadway  
New York, NY 10036  
Telephone: 212-730-1050

Blind ad replies should be addressed as follows:

Box (give number)  
**SCIENCE**  
1333 H Street, NW  
Washington, DC 20005

## POSITIONS WANTED

**Biochemist/Biotechnologist (M.S. Biotechnology):** Proficient in genetic engineering, applied enzymology, microbial biochemistry, and fermentation technology. Seeks research assistantships in industries and academe. Challenging researches welcomed, financial remuneration unessential. Box 136, SCIENCE. 7/18, 25; 8/1

**Biologist, Ph.D.** Three years of postdoctoral training. Experience in cell biology, protein purification, and receptor pharmacology. Extensive teaching experience. Seeks teaching and/or research position in academia/industry. Reply to: Box 128, SCIENCE. X

**Biomathematician** does dynamical modeling for you: Fluxes of temperature, molecules, cells, populations with differential equations, cellular automata. Send your problem for an estimation to: F. D. chez Brejnik, 34<sup>rd</sup> Rue, F-01210, Ferry-Voltaire, Switzerland. X

**D.V.M., M.S., Ph.D.** Ten years of clinical practice. Graduate research in cancer (mice) and infectious diseases (fish). Interest in research concerning health and immunology of aquatic organisms. S. Wechsler, 4129 SW 31 Drive, Gainesville, FL 32608. 7/18, 25

**Researcher Biotechnology, M.S.** with industrial experience. Desire challenging position in industry or academia. Laboratory experiences include molecular biology, recombinant DNA, strain development, fermentation, radioisotopes, and separations techniques: LC, HPLC, agarose/polyacrylamide electrophoresis, and ultrafiltration. Designed, built, and operated supercritical extraction system. Box 129, SCIENCE. 7/18, 25; 8/1, 8/8, 15

## POSITIONS WANTED

**Toxicologist, Ph.D.** seeks challenging consulting, industrial, or academic position; 25 plus years of experience in research, program management, regulatory affairs, environmental litigation. Excellent communication skills; references available. Box 124, SCIENCE. X

**Virologist, Ph.D.** Program manager, director, antivirals research, virucidal efficacy. Seeks position change. Box 135, SCIENCE. X

## POSITIONS OPEN

The Department of Biology at the University of Waterloo invites applications for tenure-track appointments at the ASSISTANT PROFESSOR level in the following areas: (i) plant molecular biology—a molecular biologist with expertise in isolating and cloning genes of higher plants; (ii) nucleic acid biochemistry—a molecular biologist with expertise in gene sequencing, site-specific mutagenesis, and the synthesis of genes; (iii) bacterial genetics—a molecular geneticist with expertise in the genetic manipulation of secondary metabolism in bacteria. Candidates must have a Ph.D. and postdoctoral research experience and will be expected to establish a vigorous, independent research program. Send curriculum vitae, a description of future research plans, and names and addresses of three referees to: Dr. R. G. H. Downer, Chairman, Department of Biology, University of Waterloo, Waterloo, Ontario, Canada N2L 3G1. Effective date of appointment is 1 October 1986. *In accordance with Canadian immigration requirements, this advertisement is directed to Canadian citizens and permanent residents.*

The Department of Biology at the University of Waterloo invites applications for a tenure-track appointment in Environmental Physiology/Ecology at the ASSISTANT OR ASSOCIATE PROFESSOR level. Preference will be given to applicants with an interest in biomonitoring packages, telemetric acquisition of both physiological and ecological data, and the future development of integrated, intelligent instrumentation for both field and laboratory use. Candidates must have a Ph.D. and postdoctoral research experience and will be expected to establish a vigorous, independent research program and to work closely with research groups in engineering and computer science. Send curriculum vitae, a description of future research plans, and names and addresses of three referees to: Dr. R. G. H. Downer, Chairman, Department of Biology, University of Waterloo, Waterloo, Ontario, Canada N2L 3G1. Effective date of appointment is 1 October 1986. *In accordance with Canadian immigration requirements, this advertisement is directed to Canadian citizens and permanent residents.*

The Department of Biology at the University of Waterloo invites applications for a tenure-track appointment in protein biochemistry/molecular modeling at the ASSISTANT OR ASSOCIATE PROFESSOR level. Preference will be given to applicants with experience in pharmacology and receptor modeling and with an interest in invertebrate neuropharmacology or plant hormone receptor interactions. Candidates must have a Ph.D. and postdoctoral research experience and will be expected to establish a vigorous, independent research program. Send curriculum vitae, a description of future research plans, and names and addresses of three referees to: Dr. R. G. H. Downer, Chairman, Department of Biology, University of Waterloo, Waterloo, Ontario, Canada N2L 3G1. Effective date of appointment is 1 October 1986. *In accordance with Canadian immigration requirements, this advertisement is directed to Canadian citizens and permanent residents.*

**ASSISTANT RESEARCH VIROLOGIST I** for research work on LAV/HTLV-III infections. M.D. degree required. Experienced in care of AIDS patients, performing studies including cell and virus culture; immunoassays and nucleic acid hybridization assays. Position available 1 October 1986 for at least 2 years. Salary is based on University of California pay scale. Submit résumé to: Douglas Richman, M.D., Associate Professor in Residence, Department of Pathology V-111F Veterans Administration Medical Center, San Diego, CA 92161, by 8 August 1986. *Affirmative Action/Equal Opportunity Employer.*

## POSITIONS OPEN

**ASSISTANT or ASSOCIATE PROFESSOR—Ph.D. biochemist in connective tissue research.** This is a tenure-track position for head of the Biochemistry Section in the Orthopaedic Research Laboratory of Columbia-Presbyterian Medical Center. New laboratory space and significant funds for equipment are available. Highly competitive 12-month academic salary depends on experience and background. Candidate should be knowledgeable in advanced analytical biochemical techniques for quantification of collagen and/or proteoglycans of various soft connective tissues. Experience in use of scanning and/or transmission electron microscopes is desirable. The successful candidate will be encouraged to interact with the Department of Biochemistry in the Division of Health Sciences of Columbia University. A 1 January 1987 starting date is anticipated. Candidate should send, by 1 October 1986, curriculum vitae with three reference names to: Dr. Van C. Mow, Director, Orthopaedic Research Laboratory, Columbia-Presbyterian Medical Center, Department of Orthopaedic Surgery, 622 West 168 Street, PH 5, Room 129, Columbia University, New York, NY 10032. *Columbia University is an Equal Opportunity/Affirmative Employer.*

**POSTDOCTORAL FELLOW—Ph.D. APPLIED MECHANICS OR BIOMECHANICS.** This is a 1-year position for research in biomechanics of soft tissues and diarthrodial joints and bioengineering studies in joint prostheses in the new Orthopaedic Research Laboratory of Columbia University. Renewable second-year fellowship is possible. Fellowship stipend range \$24,000 to \$28,000, depending on experience. Candidate should be knowledgeable in theoretical and/or experimental applied mechanics, finite analysis, and some aspects of biomechanics. Interdisciplinary research project work is expected. A 1 September 1986, or 1 January 1987, starting date is anticipated. Interested candidates should send curriculum vitae with three reference names to: Dr. Van C. Mow, Director, Orthopaedic Research Laboratory, Columbia-Presbyterian Medical Center, Department of Orthopaedic Surgery, 622 West 168 Street, PH 5, Room 129, Columbia University, New York, NY 10032. *Columbia University is an Equal Opportunity/Affirmative Action Employer.*

**SENIOR RESEARCH ASSOCIATE—Ph.D. APPLIED MECHANICS OR BIOMECHANICS.** This is a 3-year position for research in biomechanics of soft tissues and diarthrodial joints and bioengineering studies in joint prostheses in the new Orthopaedic Research Laboratory of Columbia University. Salary is commensurate with an entry-level assistant professor in mechanical engineering. In addition, supplemental pay for 3 months in the summer is guaranteed for the duration of the appointment. Candidate should be knowledgeable in theoretical and/or experimental applied mechanics, finite element analysis, and some aspects of biomechanics. Independent and interdisciplinary research project work is expected. Upon the completion of the 3-year appointment, a joint tenure-track appointment between the Department of Orthopaedic Surgery and the Department of Mechanical Engineering may be established. A 1 September 1986 starting date is anticipated. Candidate should send curriculum vitae with three reference names to: Dr. Van C. Mow, Director, Orthopaedic Research Laboratory, Columbia-Presbyterian Medical Center, Department of Orthopaedic Surgery, 622 West 168 Street, PH 5, Room 129, Columbia University, New York, NY 10032. *Columbia University is an Equal Opportunity/Affirmative Employer.*

The Department of Biology at the University of Waterloo invites applications for **SENIOR SCIENTISTS** for an NSERC/INDUSTRIAL CHAIR IN MICROBIAL BIOCHEMISTRY/PHYSIOLOGY with Allelix as the industrial partner. The appointee will be expected to establish an active research program and to interact with strong molecular biology and fermentation engineering groups. The appointee will be a member of the Microbial Biotechnology Centre, part of a biotechnology consortium involving the Universities of Guelph and Waterloo. Generous start-up and research funding are available. Send a complete curriculum vitae, a statement of research interests, and the names and addresses of three referees to: Dr. R. G. H. Downer, Chairman, Department of Biology, University of Waterloo, Waterloo, Ontario, Canada N2L 3G1. *In accordance with Canadian immigration requirements, this advertisement is directed to Canadian citizens and permanent residents.*