### POSITIONS OPEN

**FULL OR ASSOCIATE PROFESSOR, DEVELOPMENTAL PSYCHOLOGY**

The Institute of Child Development at the University of Minnesota is currently seeking candidates for a full or associate professor position in Developmental Psychology. The successful candidate will have a strong record of research and teaching, and be committed to advancing the field of developmental psychology. Applicants should have a PhD in psychology or a related field and a demonstrated record of research. Preference will be given to candidates with experience in areas such as cognitive development, social development, or early childhood education. Applications should be submitted by March 1, 2023.

**Professor of Microbiology**

The Department of Microbiology at the University of Arizona is seeking a Professor of Microbiology to join a dynamic and collaborative department. The successful candidate will have a strong research record and will be expected to contribute to the Department's graduate and undergraduate programs. Applicants should have a PhD in microbiology or a related field and a documented record of research. Preference will be given to candidates with expertise in areas such as microbial ecology or systems biology. Applications should be submitted by February 1, 2023.

### POSITIONS WANTED

**Bacterial Physiologist**

PhD. With 2 years of teaching experience, desires teaching or research position. Background in microbiology, immunology, virology, and biochemistry. Write to: Y. Mills, 825 Dunhill Drive, Virginia Beach, Virginia 23462.

**Biochemistry**

PhD. Twelve years' experience; control mechanisms, DNA repair, carcinogenesis, tissue culture, hormones; many publications; good teacher. Send curriculum vitae and salary position. Available immediately. Box 421, SCIENCE.

**Biochemical Endocrinologist**

Two years of postdoctoral experience in hormone action, receptor binding, feedback regulation, enzyme induction, and RIA. Seeks research, teaching position. Box 411, SCIENCE.

**Clinical/Analytical Biochemist**

PhD. Postdoctoral training, hospital experience, excellent background in research, method development including clinical chemistry, toxicity-toxicology-radioimmunoassay-academic. Especially knowledgeable in trace metal research. Numerous publications. Seeks research institute, academic research, or industrial position. Box 422, SCIENCE.

**Human Geneticist**

PhD. Seeks position involving chromosome analysis and genetic counseling. Teaching affiliation preferred. Twelve years' experience, numerous publications. Box 423, SCIENCE.

**Invertebrate Zoologist**

PhD. Seeks teaching and/or research position to pursue interests on terrestrial invertebrates. Special interest, phylogeny and distribution of neotropical dicots. Experienced taxonomist. Publications with several aquatic and terrestrial invertebrate groups. Box 424, SCIENCE.

**Neurophysiologist**

PhD. Seeks teaching and/or research position. Teaching experience. Active research program. Box 425, SCIENCE.

**Scientific Glassblower/Photographic Technician**

Teaching/management experience. Seeks R & D/teaching/administration with university. Any country. Box 426, SCIENCE.

### POSITIONS OPEN

**APPLICATIONS WANTED**

**Assistant Professor, Department of Psychology**

The Department of Psychology at the University of Minnesota is seeking a new faculty member to teach courses in developmental psychology. Applicants should have a PhD in psychology or a related field and a record of research and teaching. Preference will be given to candidates with expertise in areas such as cognitive development or social development. Applications should be submitted by February 1, 2023.

**Position Available**

**Assistant Professor, Department of Microbiology**

The Department of Microbiology at the University of Arizona is seeking an Assistant Professor to join a dynamic and collaborative department. The successful candidate will have a strong research record and will be expected to contribute to the Department's graduate and undergraduate programs. Applicants should have a PhD in microbiology or a related field and a documented record of research. Preference will be given to candidates with expertise in areas such as microbial ecology or systems biology. Applications should be submitted by February 1, 2023.
CHAIRMAN, Department of Biochemistry, University of Missouri—Columbia. The departments of Agricultural Chemistry (College of Agriculture) and Biochemistry (School of Medicine) have recently merged. The combined department serves both professional schools and offers graduate and undergraduate programs in biochemistry. Applicants for chairman are invited to send curriculum vitae and the names of three references to Dr. E. H. Taves, Chairman, Department of Biochemistry, University of Missouri—Columbia, Columbia, Missouri 65201. The University of Missouri—Columbia is an Equal Employment and Educational Opportunity institution.

DEPUTY HEAD OF PHARMACOLOGY

A leading Spanish pharmaceutical company situated in the Mediterranean city of Barcelona, invites applications from senior pharmacologists for this post in the expanding Department of Pharmacology of our Research Division. The person we appoint will have a good honors degree in an appropriate discipline, a Ph.D. in pharmacology, and extensive experience in the pharmaceutical industry.

Knowledge of Spanish is not initially essential but the successful candidate must be prepared to acquire adequate fluency in this language over a period of 2 years.

The initial salary will be within the range of $18,000 to $20,000 per year, tax-free, but could be subject to negotiation in exceptional circumstances. Transportation and relocation expenses will be paid.

Applicants, with full curriculum vitae, should be addressed to:

LABORATORIO

Applications, Code 3853
Barcelona, Spain

DIRECTOR OF USER SERVICES

Supervise User Services activities, consulting, documentation, courses, and maintenance of program library for the academic computing center. Support and liaison functions for computer programs. Work closely with systems group; facilitate communications among users' interests in computer operations as well as long-range planning for facilities, budgets, and the like.

Ph.D. plus experience in teaching and research and knowledge of computers. Send résumé to:

Chairman, Search and Selection Committee
Computer Laboratory
Michigan State University
East Lansing, Michigan 48824

Michigan State University is an Equal Opportunity Employer.

ELECTRON MICROSCOPIST

An opportunity exists for an individual trained in the field of ultrastructural analyses to join the faculty of the Pathology Department, New York State College of Veterinary Medicine, Cornell University. The successful applicant will be responsible for developing a laboratory capable of conducting comprehensive ultrastructural studies and integrating the principles and techniques of electron microscopy into the department teaching and diagnostic programs. Strong research interests are required, and training in veterinary pathology is desirable. Send curriculum vitae, personal bibliography, and references to Dr. Robert M. London, Chairman of Pathology, New York State College of Veterinary Medicine, Cornell University, Ithaca, New York 14853.

An Equal Opportunity Employer

Applications are invited for several FACULTY POSITIONS at the School of Medicine, University of California, San Diego. The School of Medicine, a leading public medical school, with an enrollment of about 2,000 students, operates four hospitals and a number of research centers. Applications are invited for at least five endowed chairs, one for each of the following divisions: evolutionary biology, biochemistry, computational biology, structural biology, and immunology. Applications should be submitted to:

Dr. Robert C. Rich, Chairman
School of Medicine
University of California, San Diego
La Jolla, California 92037

DEAN OF THE GRADUATE SCHOOL AND COORDINATOR OF RESEARCH AT Labortechnik TECHNOLOGY

Applications must demonstrate ability to advance IIT's position as a leading independent institution, through encouraging and developing research opportunities for faculty and graduate students. Possible avenues of research include investigations with affiliated institutions, other educational institutions, businesses and industry, government, and laborato ries in the Chicago area. The person appointed will consist pri vate and government grants to IIT, and will direct the Graduate School. Qualifications include demonstrated ability to secure outside funding for research, administrative and leadership ability, and qualification for appointment as a full professor in an appropriate IIT discipline.

Send nominations, inquiries, or apply with résumé and three references to: Dr. D. T. Wasan, Chairman, Search Committee, Graduate School, Illinois Institute of Technology, Chicago, Illinois 60616. Telephone: 312-567-3040.

EXPERIMENTAL PATHOLOGIST

Position with teaching and research responsibilities in a Department of Microbiology. Qualifications and responsibilities include: (i) Ph.D. or M.D. degree; (ii) teaching blood transfusion, and (iii) experience in an independent research program in experimental pathology. Academic year appointment. Rank and salary ($20,000 to $22,000) dependent upon qualifications. Submit curriculum vitae, transcripts, and names of three references by 1 March 1976 to: Norman D. Reed, Chairman, Search Committee, Michigan State University, East Lansing, Michigan 48824.

An Equal Opportunity/Affirmative Action Employer.

The Department of Chemistry of the University of Maryland Baltimore County (UMBC) invites applications for two Faculty Positions at the assistant professor level for the fall semester, 1976, subject to the availability of funds. Applicants should hold a Ph.D. degree and have a minimum of one year of postdoctoral experience or teaching and research in areas of bio inorganic chemistry, especially as applied to biopolymers, and analytical techniques, as applied to chemical or bio chemical problems. Applicants should send a curriculum vitae and references to:

Chemistry Search Committee
University of Maryland
Baltimore County
5401 Wilkins Avenue
Baltimore, Maryland 21228

The University of Maryland Baltimore County is an Equal Opportunity/Affirmative Action Employer.

FIVE POSITIONS AT THE UNIVERSITY OF CALIFORNIA, Los Angeles

One position, assist professor; outstanding candidates in any area of specialization but with preference for structural biology, developmental, human biophysics, or spanning more than one of these areas. Positions available for the fall 1976. Applicants must hold a Ph.D. and have a minimum of one year of postdoctoral experience or teaching and research in areas of bio inorganic chemistry, especially as applied to biopolymers, and analytical techniques, as applied to chemical or biochemical problems. Applications should send a curriculum vitae and references to:

Chairman, Search Committee
Department of Chemistry
University of California
Los Angeles, California 90024

An Equal Opportunity/Affirmative Action Employer.

FACULTY POSITIONS IN PHARMACOLOGY AND TOXICOLOGY

We are seeking a person with research interest and experience in drug metabolism and related approaches to chemical pharmacology. Appointment at the level of assistant professor. The successful candidate will be responsible for the direction of a research program and to graduate student research.

Address inquiries to: Donald R. Taves, Chairman, Search Committee, School of Pharmacy, University of California, Los Angeles, California 90024.

An Equal Opportunity/Affirmative Action Employer.

Copies of this invitation for faculty search are available from: Professor A. C. Wilson, Chairman, Search Committee, University of California, Los Angeles, California 90024.

SCIENCE, VOL. 190
university of nijmegen - the netherlands

FACULTY OF SCIENCE

The Faculty of Science of the University of Nijmegen, the Netherlands, invites applications for the position of

full professor in genetics

The Professor will participate in the undergraduate and graduate courses in the department of genetics.

It is expected that he will have considerable research experience, preferably in the field of genephysiology and/or the regulatory aspects of genetics and he will be encouraged to undertake active research in these areas.

Applications, including a curriculum vitae, an account of professional experience and publications, and the names and addresses of three referees should be sent before November 1st 1975 to:

Prof. Dr. H. F. Linskens, Faculty of Science, Toernooiveld, Nijmegen, the Netherlands, where further information concerning the post and the department may be obtained.

Suggestions concerning suitable candidates are also welcome.

The highly regarded General Foods Technical Center features exceptionally equipped laboratory facilities and a truly professional environment in which scientists can achieve their highest potential. Right now, we have opportunities for the following professionals interested in stimulating long-term careers:

Senior Biologist

Prefer a PhD with one to five years experience or training in the physiology or pharmacology of the central nervous system. Candidate should be familiar with animal E.E.G., stimulation, and unit recording techniques.

Senior Physiologist/Biochemist

Prefer a PhD in physiology or related area specializing in gastro-intestinal secretion and absorption. Candidate should have one to five years experience in both in vitro and in vivo experimentation. Our Westchester County location, just a short distance from New York City, offers attractive living and working conditions. Positions provide commensurate salary and full ranging benefits. Reply fully and in confidence (no phone calls, please) to:

Personnel Associate,

GENERAL FOODS CORP.
555 South Broadway
Tarrytown, New York 10591

We are an equal opportunity employer, m/f

A RARE OPPORTUNITY TO HELP SOLVE ENVIRONMENTAL PROBLEMS

Nalco, an international leader in water, environmental and energy science, is seeking applicants for 3 staff positions:

1. Specialist, Source Sampling in the Pollution Control Consulting Section, responsible for functions such as job pre-surveys, preparation of proposals, organization and implementation of emission source sampling projects, writing of reports, instruction of stack sampling trainees, marketing assistance and other related business functions. M.S. or Ph.D. in Environmental Engineering or equivalent, with technical writing ability are required. Professional engineering registration desirable.

2. Associate Scientist in the Chemistry Section responsible for water quality studies, lab/field work, data tabulation, and report writing. Ph.D. or M.S. in Chemistry with graduate school experience of 3-5 years work experience in aquatic chemistry is required.

3. Associate Scientist in the Terrestrial Ecology Section responsible for environmental impact study design and implementation related to wildlife ecology. M.S. or equivalent, technical writing ability and field experience in identification of birds and mammals are required.

These positions offer starting salaries commensurate with experience, generous company-paid benefits including profit sharing, and potential to advance professionally. Send your resume with salary history in confidence to:

PERSONNEL DEPARTMENT
NALCO ENVIRONMENTAL SCIENCES
1500 FRONTAGE ROAD
NORTHBROOK, ILLINOIS 60062
An Equal Opportunity Employer
IMMUNOCHEMIST

Challenging research position available for Ph.D.-level immunochemist with experience in some or all of the following areas: induction, purification, and characterization of antibodies; synthesis and purification of antigens; binding of antigens and antibodies to solid phase supports; development of diagnostic kits which employ immunological principles.

Our company, a major ethical pharmaceutical manufacturer with modern extensive research facilities, is located in cosmopolitan Montreal. Salary will be commensurate with qualifications and experience. Please send complete résumé to:

Personnel Department
Ayerst Laboratories
P.O. Box 6115
Montreal, Quebec
Canada H3C 3J1
POSTDOCTORAL IN PHARMACOLOGY-MORPHOLOGY

Position requires practical knowledge of immunological techniques and protein chemistry in laboratories engaged in multidisciplinary research on the noradrenergic nervous system and purified transmitter storage vesicles. Stipend for 2 years. Please send résumé to: Richard L. Klein, Professor of Pharmacology, University of Mississippi Medical Center, 2500 North State Street, Jackson, Miss. 39216. The University of Mississippi Medical Center is an Equal Opportunity Employer, Male/Female.

POSTDOCTORAL POSITION

Immediate opening for research on selective inactivation of tumor virus transformed cells. Send curriculum vitae and references to Dr. Wallace Igleswki, Department of Microbiology and Immunology, University of Oregon Health Sciences Center, 3181 S.W. Sam Jackson Park Road, Portland, Oregon 97201.

POSTDOCTORAL

NIH postdoctoral (National Research Award program) in radiation biology or experimental oncology, available immediately for 1 to 2 years. Minimum stipend $10,000. Work can be concerned with basic radiation damage or the effects of radionuclides, drugs and/or hyperthermia on cells in vitro or in vivo. Please send curriculum vitae to:

Dr. Lyle A. Dethlefsen
Department of Radiology
University of Utah Medical Center
Salt Lake City, Utah 84132

An Equal Opportunity/Affirmative Action Employer

POSTDOCTORAL POSITION

VISUAL PHYSIOLOGY

Postdoctoral position for research on physiological mechanisms of visual adaptation. Prefer person with background in visual pigment biochemistry or sensory electrophysiology. Starting between January and September 1976, $9,000 to $10,000 per year for 2 years. Send curriculum vitae and three letters of reference to Dr. Bruce Goldstein, Department of Psychology, University of Pittsburgh, Pittsburgh, Pennsylvania 15260, and/or contact at Society for Neuroscience meeting, 3 to 6 November.

POSTDOCTORAL RESEARCH ASSOCIATE

Postdoctoral position for collaborative research on the physiology of freshwater anguillarians, particularly in relation to carbon and other nutrient metabolism, interactions between the macrophytes and epiphytic algae and bacteria, and the decomposition of litoral flora. Available immediately; initial salary $11,000 for 12 months, plus benefits; renewable annually, 2-year appointment desired. Applications with curriculum vitae naming three references to: Dr. Robert G. Wetzel, W. K. Kellogg Biological Station, Michigan State University, Hickory Corners, Michigan 49060.

PROFESSOR OR ASSOCIATE PROFESSOR OF PATHOLOGY at the University of Pittsburgh School of Medicine and NEUROPATHOLOGIST at the Presbyterian-University of Pittsburgh Medical Center.

Training and experience in neuropathology, pathological anatomy and some background in neurology or neuropsychology required. Candidate must also have had extensive experience in diagnostic neuropathology, undergraduate and postgraduate teaching, and published research. Applications letter, curriculum vitae, bibliography, and letters of recommendation (under separate cover) to John G. Hoosay, M.D., Department of Pathology, University of Pittsburgh, School of Medicine, Scaife Hall, Pittsburgh, Pennsylvania 15261. An Equal Opportunity/Affirmative Action Employer.

RADIOPHARMACEUTICAL CHEMIST. Opportunity to develop and direct radiopharmacy laboratories in diagnostic nuclear medicine. Supervise radiopharmaceutical preparation, serve as consultant to basic and clinical research programs, participate in collaborative and individual research. Curriculum vitae, bibliography, and names of three referees may be directed to the chairman of the search committee:

Heinz W. Wabnner, M.D.
Mayo Clinic
Rochester, Minnesota 55901

Mayo Foundation is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL CARDIAC ELECTROPHYSIOLOGIST

NIH-funded position available immediately. Automaticity and antiarrhythmic drugs. Must have micro-electrode experience, minicomputer experience helpful. Send curriculum vitae and two letters of recommendation to: John Katzung, Department of Pharmacology, University of California, San Francisco, Calif. 94143.

POSTDOCTORAL POSITION

available after 1 January 1976, to study the metabolism of cardiac car- cinogens. Candidate should have training in molecular toxicology (pharmacology) and/or drug metabolism. Salary, $14,000. Send résumé and a brief description of research experience to: Dr. R. I. Freudenthal, Battelle Columbus Laboratories, 505 King Avenue, Columbus, Ohio 43201.

An Equal Opportunity Employer

POSTDOCTORAL RESEARCH ASSOCIATE.

Position available for 1 to 2 years for research on streptococcal antigens. Applicants should have strong background in immunology and biochemistry. For further information, please send résumé to Dr. Eugene N. Fox, La Rabida University of Chicago Institute, Chicago, Illinois 60649.

We seek an experienced toxicologist for the Research Laboratories of the Calgon Consumer Products Co., a wholly owned subsidiary of Merck & Co. Requirements: Ph.D. in Pharmacology or Physiology, 3 to 5 years' experience in pharmaceutical industry, ability as scientific administrator, and capability of supervising all phases of pharmaceutical and toxicological studies required for safety and efficacy evaluation of a formulation from concept to IND-NDA. Excellent career opportunity offering excellent compensation, fine benefits package, and professional environment. Send résumé indicating salary requirements, in confidence, to: W. T. Jackson, Employment Supervisor.

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Equal Opportunity Employer M/F

Senior Research Pharmacologist/Section Head

Corporate Research Division of Miles Laboratories, Inc., with research activities in chemical, biological, physical, and engineering science has an excellent opportunity for a Senior Research Pharmacologist/Section Head.

Applicants must have a PhD in Pharmacology plus several years of experience in antiinflammatory research. Evidence of a high level of motivation and achievement in new drug development are necessary.

The successful candidate will supervise a small group presently engaged in a screening program and will be responsible for the development of new methodology. The design, implementation, interpretation, and communication skills are expected of the person in handling various research projects in the area of antiinflammatory drugs.

Located in Elkhart, Indiana, a community of 50,000 population, with excellent recreational and educational opportunities as well as convenient accessibility to the Chicago area. Excellent starting salary commensurate with experience, plus a superior benefits program. Relocation expenses paid by the company. Please send complete resume, including expected salary in confidence to:

Curtis A. Brown,
Senior Placement Representative Dept. 787-A
MILES LABORATORIES, INC.

ELKHART, INDIANA 46514

An Equal Opportunity Employer

189

10 OCTOBER 1975
POSTDOCTORAL POSITION is available for multidisciplinary studies in the biology of the secretory process with emphasis on saliva and salivary glands. Applicants should have either the M.D., D.D.S., D.V.M., or Ph.D. degree in a biological science. Stipends start at $10,000. Send resume and letters of recommendation to Dr. Ivans Siegel, Department of Oral Biology, University of Washington, Seattle, Washington 98195. An Equal Opportunity/Affirmative Action Employer.

RESEARCH—Basic experimental research position lasting 1-2 years immediately available for a post-doctoral fellow (Ph.D. or M.B.). Experience or background necessary in inflammatory disease for studies in ophthalmology. Send resume to Dr. E. Bailey, Philadelphia General Hospital, E-92, P.O. Box 2069, Philadelphia, Pa. 19103.

RESEARCH ASSOCIATE. Immediate opening for a student with recent Ph.D. in physiology, pharmacology, or bioengineering for a 2-year postdoctoral fellowship in experimental hemodynamics at the University of Chicago. Knowledge and skill in performing large animal experiments is desirable. Opportunity is offered to do directed and independent research in a well-equipped laboratory with extensive facilities. Salary: $11,000 per year and up with full benefits. Excellent opportunities for collaboration with other basic and clinical laboratories of the University of Chicago. Send curriculum vitae to Dr. Robert Covert, Department of Physiology, University of Chicago, 5841 S. University Ave., Chicago, IL 60637.

RESEARCH ASSOCIATE position immediately available for Ph.D. to study immunology and biochemistry of lymphocyte membrane antigens. Experience in molecular biology, research, glycoconjugates, and immunochemistry preferred. Send curriculum vitae and references to: W. J. Lasker, Department of Surgery and Microbiology and Public Health, Medical College of Virginia, Richmond, Va. 23298. An Equal Opportunity/Affirmative Action Employer.

RESEARCH MICROBIOLOGIST position available immediately for a Ph.D. Microbiologist capable of providing scientific leadership to a unit seeking new urinary tract antibacterial agent. Candidate must possess superior ability and demonstrated proficiency in applied statistics and the analysis of data. The successful candidate will be responsible for developing improved microbiological methods suitable for support of qualitative structure motility relationship used in drug design and the secondary evaluation of experimental activity. Our laboratory is located in a small city in scenic Central Oregon, low cost of living, good public schools, and benefits are competitive. If interested, send resume in confidence to: Mr. Stuart P. Spence, Senior Employment Representative, Norwich Pharmaceutical Company and Eaton Laboratories Division of Morton-Norwich Products, Norwich, New York 13815.

FELLOWSHIPS

The Cancer Research Center of the University of North Carolina at Chapel Hill has immediate openings for persons with Ph.D. and M.D. degrees specializing in basic cancer-related research under established investigators in several areas including viral oncology, biochemistry, and cell biology. Strong interest in cancer research is required. Salaries range from $10,000 to $15,000 per year. Send curriculum vitae, names and addresses of references, and a statement of research to Drs. A. D. Hyler and J. J. Esselman, Department of Surgery, University of North Carolina School of Medicine, 126 Macnider, Chapel Hill, N.C. 27514.

POSTDOCTORAL FELLOWSHIP in SILVICULTURE

One-year appointment available at Harvard Forest with renewal possibilities. Develop our own research and assist with ongoing research and teaching. Open to silviculturists, forest ecologists, or plant ecologists with experience and interest in forest trees. Write to the Director, Harvard Forest, Petersham, Mass. 01366.

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Beckman Model E Analytical Ultracentrifuge and its Accessories, Excellent condition: Contact Dr. J. M. Mehta, Rheumatology Division, Washington University School of Medicine, St. Louis, Missouri 63110. Telephone: 314-454-3586.

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SCIENCE, VOL. 190