Holt's Modern Biology Series

ANIMAL ADAPTATION
By Allison L. Burnett, Western Reserve University, and Thomas Eisner, Cornell University 1964 144 pages

PLANT DIVERSIFICATION
By Theodore Delevoryas, Yale University 1968 145 pages

INTERACTING SYSTEMS IN DEVELOPMENT, Second Edition
By James D. Ebert, Carnegie Institute of Washington, and Ian M. Sussex, Yale University 1970 330 pages

BIOLOGICAL CONSERVATION
By David W. Ehrenfeld, Barnard College, Columbia University 1970 170 pages

ANIMAL DIVERSITY
By Milton Fingerman, Tulane University 1969 192 pages

ANIMAL STRUCTURE AND FUNCTION, Second Edition
By Donald R. Griffin, Rockefeller University, and Alvin Novick, Yale University 1970 240 pages

GENETICS, Second Edition
By Robert Paul Levine, Harvard University 1968 224 pages

CELLS AND ORGANELLES
By Alex B. Novikoff, Albert Einstein College of Medicine, Yeshiva University, and Eric Holtzman, Columbia University 1970 320 pages

ECOLOGY
By Eugene P. Odum, University of Georgia 1963 160 pages

THE LIVING PLANT, Second Edition
By Peter M. Ray, Stanford University 1971 160 pages

EVOLUTION, Second Edition
By Jay M. Savage, University of Southern California 1969 160 pages

MICROBIAL LIFE, Second Edition
By William R. Sistrom, University of Oregon 1969 148 pages

BEHAVIOR
By William G. Van der Kloot, New York University School of Medicine 1968 176 pages

Forthcoming
SOCIAL BIOLOGY
By Johannes Van Overbeek, Texas A & M University

For examination copies please write to
Nancy A. Hull, SCIENCE, 2, College Promotion Department
HOLT, RINEHART AND WINSTON, INC. 383 Madison Avenue, New York, New York 10017

568

IMMUNOLOGIST

G.D. Searle & Co., a recognized leader and research oriented company within the pharmaceutical industry is seeking an immunologist to probe the mechanisms of hypersensitivity diseases and to collaborate in the development of drugs and methods for their treatment.

The candidate should possess a Ph.D. with broad exposure in immunological theory, methods and techniques. Experience with laboratory models of hypersensitivity would be helpful.

Our work environment is stimulating and the opportunity for personal and professional growth is optimum for a research oriented scientist. We offer a pleasant suburban Chicago location, an excellent salary based upon experience and a comprehensive benefit package which includes profit sharing. All inquiries will be kept in strictest confidence. Please send resumes to:

Kenneth T. Kroll
G. D. SEARLE & Co.
P.O. Box 5110
Chicago, Ill. 60680
An Equal Opportunity Employer

Science by Air

For prompt receipt in Europe, North Africa, and the Near East order your copies of Science by airlift. Airlifted, Science will reach European readers as soon as by surface mail it will reach most American readers.

We invite scientists and libraries in Europe, North Africa, and the Near East to order Science by airlift. We invite current AAAS members and Science subscribers who live in this area to switch to airlift delivery.

Price (including $16 for airlift and postage):
AAAS members (individuals only): $32 per year.
All other subscribers: $36 per year.

AAAS member: _____ Non-member: _____
Amount enclosed: _____ Send invoice: _____
Signature: ________________________________
Name (print): ________________________________
Address: ________________________________
City: __________________ Country: ____________

SCIENCE, VOL. 175
Anatomist-Multifaceted. Would like to contact interested chairman prior to Dallas meeting. Box 7A, SCIENCE.

Biologist, Ph.D. Seeking graduate teaching and research positions in insect or plant systematics, or biologically oriented ecology. Publications. Box 54, SCIENCE.


Cell Biologist-Electron Microscopist, M.S. Plant Molecular Biology. Ph.D. Anatomy, 1964. Dedicated teacher responsible for innovations in multidisciplinary approach to medical school cell taught micromanipulation, cell and tissue biology at all levels. Research: sensory receptors, pollution effects on lung cell surface, membranes and microtubules. Seeks teaching-research position in biology. Able to serve in administration and counseling with experience on medical school admissions committees, etc. Box 56, SCIENCE.

Cell Biologist, Ph.D., 29, desires new teaching/research position. Interested in biology teaching and research. Interests include endocrinology. Publications. Box 56, SCIENCE.

Cell Biology/Anatomy/Zoology, Ph.D. expected June 1972. Particularly interested in electron microscopy and tissue culture. Research and/or teaching in industry, government, or university. Box 58, SCIENCE.


Immunologist-Biochemist desires permanent position. 3 years research and teaching experience. Immunology, protein structure, immunohemistry and tumor immunology.Résumés and confidential publications and references. Box 60, SCIENCE.

Invertebrate Zoologist-Ecologist, M.A., Ph.D. (1971), mature, married; broad biological training, extensive marine experience, 7 years of college teaching; seeks faculty position LA college; NE preferred. Box 61, SCIENCE.


Medical Writing, Rewriting, Editing, Literature Search. Medical School, laboratory animals, freelance, highest references. Box 63, SCIENCE.

Microbiologist (Virolog), M.S., 5 years of pharmaceutical research, cell research, virology, antivirals, interferon. Seeks responsible opportunity in research. Publications. Box 65, SCIENCE.

Ph.D., Postdoctoral experience, medical, postdoctoral teaching experience, cancer biology, and salary requirement. Box 67, SCIENCE.

Biological Physiologist, M.S., Ph.D. (expected 1972), with interdisciplinary training, desires academic or research position. Interests: psychoneuroimmunology. Affiliated with psychology, biology, and medicine. Publications. Box 68, SCIENCE.

Research Alide (Mature Woman), intelligent, multilingual, experienced in library searches, writing, grants, etc. would relocate. Prefer Canada or other environmentally desirable area. Full-time position. Laughing, 9 to 10 months per year preferred. Please write Box 69, SCIENCE.

Zoologist, Ph.D., 3 years postdoctoral, desires academic or research position. Teaching interests include neurobiology and physiology. General search interests: mechanisms underlying periodic behavior. Box 72, SCIENCE.

If you need qualified personnel in either the academic or administrative area . . . . Or . . . . if you are seeking association with another institution

Academic Associates

- Professors
- Deans
- Presidents and Vice Presidents

P.O. Box 57
Kenilworth, Illinois

Serving better colleges and universities throughout the United States. All information is mutually confidential.

DARTMOUTH COLLEGE
ASSISTANT PROFESSOR IN BIOLOGY

The Department of Biological Sciences invites applications from qualified persons to offer a course in Vertebrate Morphogenesis and to assist with undergraduate instruction in related areas. It is expected that the successful candidate will be able to develop an independent research program and supervise training of Ph.D. candidates.

Dartmouth College welcomes applications from all qualified individuals, in particular women and members of minority groups.

Applicants are requested to submit a curriculum vitae and three letters of recommendation sent by referees prior to March 1973 to Professor L. Spiegel, Department of Biological Sciences, Dartmouth College, Hanover, New Hampshire 03755.

An Equal Opportunity Employer

ELECTRO CHEMISTS

The Yellow Springs Instrument Co., a small, 23-year-old manufacturer of precision thermometers, oxygen electrodes, and laboratory instrumentation is expanding R&D activities to develop electrodes for detection of biological materials. Two positions available:

- Ph.D. with 10 years' experience including electrochemistry, capable of conceiving, planning and supervising R&D programs with initial emphasis on electrode design. Opportunity to participate in new product development and company administration.
- M.S. or Ph.D. with background in electrochemistry and experience with electrodes and electrode reactions.

Salary commensurate with experience. Send resumes in confidence to: H. W. Trolander, President, 420 E. Fourth Street, Yellow Springs, Ohio 45387.

Carcinogenesis—Virology—IMMUNOLOGY

Moley Laboratories, Inc., a research and development company in the fields of Life Sciences (virology of cancer, molecular biology, biochemistry) and Environmental Sciences, is expanding its research capability and has vacancies for professional and technical personnel in the following disciplines: Virology, Immunology, Cell Biology, and In Vitro Chemical Carcinogenesis.

Interested individuals should submit a curriculum vitae and salary requirement to:

Director of Personnel
Moley Laboratories, Inc.
6621 Fm 1488
Springfield, Virginia 22151

EDUCATIONAL COORDINATOR

Laboratory school of medical technology centrally located New Jersey hospital, 620 beds. Seeking Educational Coordinator with B.S. in education or equivalent experience preferred. Medical Technologist (ASCP), 5 years minimum experience. Excellent benefits including 4 weeks paid vacation, 9 paid holidays, unlimited sick leave accrual, paid hospitalization, paid life insurance, paid vacation, and tuition refund plan. Send résumé. Box 52, SCIENCE.

CLINICAL CHEMIST with knowledge of toxicology for supervision and R&D in modern, active laboratory serving 850-bed hospital and medical examiners office, in beautiful, booming Orlando. Experienced B.S. or M.S. required. Send résumé to Director of Laboratories, Orange Memorial Hospital, Orlando, Florida 32806.

M.D. OR PH.D. CANCER BIOLOGIST with knowledge of latest cell kinetic techniques needed to join cancer immunological research group. Salary negotiable depending upon qualifications. Reply with curriculum vitae to: S. Leber, Ph.D., Allegheny General Hospital, 320 East North Avenue, Pittsburgh, Pa. 15212.

We are currently seeking an individual with a Ph.D. in Microbiology with a major in Virology and some experience in a commercial laboratory or research institute who can accept the challenge of combining technical expertise with managerial ability.

Will be responsible for supervising the staff and coordinating the activities of several departments associated with the quality control of bacterial and viral vaccines.

Please submit summary of training and experience, date available and minimum salary expected to:—

Manager
BIOLOGICAL QUALITY CONTROL

MR. GORDON L. GERHARD

MERCK & DOHME
DIVISION OF MERCK & CO., INC.

West Point, Pa. 19486

An Equal Opportunity Employer
Elon College—Send resume

Department resumes ing

ECOLOGY,

graduate in
teaching

Palo

University

experience

Dr.

college

Hiliview

Division

New

Ph.D.

Environments

P.O.

cell

and

bacterial

for

and

significantly

Dr.

J.

Stipends

graduate

with

with

the

an opportunity for graduate

FELLOWSHIPS

PULMONARY PHYSICIAN

Surveys

Applications are invited for the following full time positions. Appointment will be at the level of Assistant or Associate Scientist.

SOMATIC CELL GENETICS

Training in genetics and cell physiology. To participate in teaching of cell and organ culture courses, organize and carry out an independent research program and to work with other research groups on problems involving genetic analysis. Must be capable of carrying out karyologic analysis. Experience and interest in cell hybridization highly desirable.

CELL PHYSIOLOGY

Training in cell physiology as broad teaching in cell biology. Experience in animal cell culture, too is required. To participate in teaching of cell and organ culture courses, and to contribute actively in research into fundamental problems of cell growth. Interest in large scale growth of animal cells is desirable.

Fellowship

To: Donald J. Merchant

W. Alton Jones Cell Science Center

P.O. Box 631

Lake Placid, New York 12946

Microbiologist

Opportunity for person to head veterinary vaccine production development group. Industrial experience desirable. Salary and benefits to be determined. Send resume to J. J. Kuhn, Jr., Pitman-Moore, Inc., P.O. Box 340, Washington Crossing, N.J. 08560. An equal opportunity employer.

FELLOWSHIPS

POSTDOCTORAL FELLOWSHIP—$8000 per year MICROBIOLOGY. In medical school microbiology department. Individual will collaborate with several faculty members in ongoing research programs dealing with bacterial and viral protein metabolism and protein interactions. Emphasis is on the biochemistry of host-parasite interaction. All interested applicants should send vita and current research interests to Dr. P. F. Bouvette, Department of Microbiology, University of Cincinnati College of Medicine, Cincinnati, Ohio 45219.

GRADUATE STUDY

GRADUATE STUDIES IN AN ECOLOGICAL APPROACH TO REGIONAL PLANNING Springfield, Illinois

Applications are invited from ecologists and systematic biologists (plant and animal) for graduate fellowships in the planning programs leading to the degree of Master of Regional Planning. Successful applicants will participate in conducting field ecological research with practical applications. Address inquiries to: Graduate Research Committee, Center for Ecological Research in Planning and Design, Department of Landscape Architecture and Regional Planning, University of Pennsylvania, Philadelphia, Pennsylvania 19149.

GRADUATE TRAINING IN PHARMACOL-

OGY—LEADING TO THE PH.D. DEGREE.

Research in areas of biochemical, biophysical, cardiovascular, theoretical, clinical and neuropharmacology. Full time and stipend available to qualified individuals. Early applications should be submitted by September 1972. Address inquiries to: Dr. George van Rossum, Department of Pharmacology, Room 327, Temple Medical School, 3420 North Broad Street, Philadelphia, Pa. 19140.

GRADUATE STUDY IN THE ANATOMICAL SCIENCES

A program leading to the Ph.D. degree involving course work and research training with special emphasis upon the study of the functions of the nervous system from the molecular to the gross level. Research training is available in cell biology and fine structure; developmental biology; endocrinology; experiential and experimental neuroanatomical basis of behavior. For further information write Dr. W. W. Weygand, Program Director, Department of Anatomy, State University of New York Health Science Center, 766 Irving Avenue, Syracuse, New York 13210.

Positions Open

Endocrinologist

The Department of Zoology, University of Wisconsin, an equal opportunity employer, has a position for an Endocrinologist—rank and salary commensurate with teaching and research qualifications. Teaching requirements will include a course in general endocrinology and in the laboratory. Interested persons are invited to a curriculum vitae, bibliography and, if possible, reprints of major research publications. Send to: Chairman, Department of Zoology, University of Wisconsin, Madison, Wisconsin 53706.

Laboratory Assistants

Three persons are needed to

1) assist with research in plant or animal tissue culture in biochemical, physiological and anatomical studies

2) assist with preparation of material for courses in animal and plant cell and organ culture.

Qualifications:

1) B.S. training in organic chemistry and microbiology; W. Alton Jones Cell Science Center, Lake Placid, New York.

2) M.S. with advanced training in above areas. Work in tissue culture, biochemistry or advanced cell biology desirable.

Salary ranges:

Junior Laboratory Technician $5000 to $7000/p.a.

Senior Laboratory Technician $6500 to $8700/p.a. including liberal fringe benefits

Applying to: Associate Director

W. Alton Jones Cell Science Center

P.O. Box 631

Lake Placid, New York 12946

Physiologist

Midwest medical college seeks mammalian physiologist with (i) experience and interest in medical education, and (ii) an orientation toward quantitative approaches to physiological research. Primary responsibility to assist in coordinating the teaching of physiology. Research opportunities available. Starting date would be 1 July 1972. Rank and salary commensurate with background. Send resume to Dr. Joel Michael, Section of Physiology, Department of Biomedical Engineering, W. Alton Jones Cell Science Center, 1753 West Congress Parkway, Chicago, Illinois 60612.

Pulmonary Pharmacologist

Our expanding research programs have created an opening in the Department of Pharmacology for a recent doctoral level graduate or someone with several years of postdoctoral experience in pulmonary physiology or pharmacology. Applicants should have a familiarity with current techniques and instrumentation to conduct experimental pulmonary function studies to use in drug research. Training in immunology or immunopharmacology would be desirable.

Syntex is an international research pharmaceutical company located on the San Francisco Peninsula.

Please send your resume to Mr. Karl O. McCaig, Employment Manager, Syntex Research, 3401 Hillview Avenue, Palo Alto, California 94304. We are an equal opportunity employer.

SYNTEX

Syntex Research

Bristol Laboratories

Division of Bristol-Myers Company

P.O. Box 657

Syracuse, New York 13201

An Equal Opportunity Employer

A Plan For Progress Company

VETERINARY PATHOLOGIST

A research position for a Doctor of Veterinary Medicine with A.C.V.P. certification or near eligibility is available in the Toxicology Department of a major pharmaceutical company. Completely equipped histopathological and clinical pathology laboratories are at hand. Individual research and scientific reporting are encouraged. The position provides for association with veterinary and human pathologists and scientists in other disciplines.

Please send a confidential resume including salary requirements to:

Professional Employment

Bristol Laboratories

Division of Bristol-Myers Company

P.O. Box 657

Syracuse, New York 13201

An Equal Opportunity Employer

A Plan For Progress Company

SCIENCE, VOL. 175