

Personnel Placement

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

POSITION WANTED: 40¢ per word, minimum charge \$10. Use of Box Number counts as 10 additional words. Payment in advance is required. These rates apply to individuals only. Personnel agencies and companies take display rate for all advertising.

POSITIONS OPEN: \$110 per inch. No charge for Box Number. Rates net. No agency commission allowed for ads under 4 inches. No cash discount. Ads over 1 inch will be billed to the nearest quarter inch. Payment in advance is required except where satisfactory credit has been established.

COPIES for ads must reach **SCIENCE** 4 weeks before issue date (Friday of every week). Send copy for Personnel Placement advertising to:

SCIENCE, Room 207
1515 Massachusetts Ave., NW
Washington, D.C. 20005

Replies to blind ads should be addressed as follows:

Box (give number)
SCIENCE
1515 Massachusetts Ave., NW
Washington, D.C. 20005

POSITIONS WANTED

Animal Behaviorist-Comparative Neuroanatomist. Ph.D. 1973, postdoctoral training, steroids, brain and behavior, female, seeks teaching/research position. Box 332, **SCIENCE**. X

Clinical Microbiologist, Board Certified. Postdoctoral training and 5 years' experience in 300-bed hospital seeks directorship of diagnostic microbiology laboratory and/or academic position. Box 310, **SCIENCE**. 7/12, 19

Electron Microscopist. B.S. Biology. Three years of experience in basic ultrastructure research. Have worked with a wide range of materials and methods. Desires challenging technical position on an active research staff. Box 337, **SCIENCE**.

Geneticist, woman, Ph.D., seeks position. Teaching experience in genetics, zoology, and evolution. Research experience with publications. Box 311, **SCIENCE**. 7/12

Medical Doctor. Recently received in Mexico, with B.S. and M.S. in agriculture sciences, some work in pathology. U.S. citizen, male. Desires an opportunity with technical laboratory or research/teaching situation. Box 333, **SCIENCE**. X

Microbiologist/Electron Microscopist. Ph.D. Strong background in biochemistry and cell biology, teaching and research experience, publications, competency in conventional and specialized electron microscopy. Desires research or teaching/research position. Box 334, **SCIENCE**. X

Neurophysiologist, Ph.D. (1974). **Electronic Engineer,** B.S. Major experience in vision research, including retinal and cortical electrophysiology, membrane and pigment biochemistry, and visual psychophysics. Broad interest in neural processing and development. Publications in basic vision research and clinical medicine. Wish creative research environment with some teaching. Tom Wheeler, University of Texas, Sensory Sciences Center, 6420 Lamar Fleming Ave., Houston, Texas 77025. X

Physics and Chemistry. Have knowledge and experience in the following areas of Physics. $E = mc^2$, Mass Variable and $J = 43.560$. Proton and neutron atomic weight of .363638. Other .181819. The atomic weights of elements progress alternately in the periodic table 2.909 and 1.091. (Combination elements) The eight unknown nonradioactive elements. Isotopic relativity of elements 2 to 1 and 1 to 1. Isotopic periodic table. Boiling point relative to neutrons and protons (carbon-48) atomic weight of ultra-violet light .000008348. (Electrons .000009) The 11-55-99 etc. relationship. Write Jerry Mowery, 29500 36th Ave. S., Auburn, Washington 98002. X

Virologist/Immunologist/Microbiologist. Ph.D. Postdoctoral and additional experience. Research in virology, immunology, oncology, tissue culture. Publications. Seeks teaching or research position. Box 335, **SCIENCE**. X

POSITIONS OPEN

ANALYTICAL OR MARINE CHEMIST POSITION AVAILABLE IMMEDIATELY

To work on environmental trace metal distributions in the North Pacific. Predominantly laboratory program; some shipboard operations.

Qualifications: Recent Ph.D. or experienced M.S. Primary qualification in inorganic analytical chemistry preferred; electrochemistry experience especially advantageous.

Send curriculum vitae and three letters of reference to **Dr. D. C. Burrell, Institute of Marine Science, University of Alaska, Fairbanks, Alaska 99701.** Phone: (907) 479-7768.

Equal Opportunity Affirmative Action Employer

ANIMAL BEHAVIORIST OR PARASITOLOGIST/ANIMAL PATHOLOGIST

Position open for a temporary appointment for one or two semesters as a Visiting Professor. Must have a Ph.D. or equivalent with distinguished credentials in the area specified. Salary open. Person selected expected to teach one or two courses in the area designated plus to act as a resource individual to students. Send application and curriculum vitae to **L. L. Curry, Chairman, Department of Biology, Central Michigan University, Mount Pleasant, Mich. 48859.** *An Equal Opportunity Affirmative Action Employer.*

ASSISTANT PROFESSOR OF BIOLOGY

The Introductory Biology Program, College of Biological Sciences, The Ohio State University, invites qualified applicants to apply for the position of Assistant Professor of Biology. Candidate should have earned a Ph.D. in the biological sciences with emphasis in plant sciences. Individuals with an M.S. in biology and Ph.D. in Science Education are also encouraged to apply. A knowledge of Computer Managed Instruction is desirable. Candidate must be an experienced teacher with demonstrated research and professional accomplishments. The appointment will be for 9 months at a salary range of \$11,000 to \$13,000, dependent upon qualifications. Apply with curriculum vitae and three letters of recommendation to: **Dr. C. Benjamin Meleca, Introductory Biology Program, The Ohio State University, 1060 Carmack Road, Columbus, Ohio 43210,** before 1 October 1974.

An Equal Opportunity Employer

GENETICS AND VEGETABLE BREEDING

Assistant Professor of Horticulture, Department of Horticulture, Oregon State University, Corvallis, Ore. 97331. Ph.D. genetic-plant breeding. Vegetable breeding and genetics research: teaching (80:20), \$13,800 to \$14,000; 12-month appointment. Write **Dr. C. J. Weiser.** *Qualified women and minority applications encouraged.* Application deadline: 15 August 1974.

PHYSIOLOGY—SMALL FRUITS

Assistant Professor of Horticulture, Department of Horticulture, Oregon State University, Corvallis, Ore. 97331. Ph.D. horticulture, plant physiology. Small fruit physiology research: teaching (75:25), \$13,800 to \$14,000; 12-month appointment. Write **Dr. C. J. Weiser.** *Qualified women and minority applications encouraged.* Oregon State University is an Affirmative Action Employer.

UNIVERSITY OF PITTSBURGH SCHOOL OF PHARMACY DEPARTMENT OF PHARMACOLOGY

Applications are invited for a faculty position as assistant professor of pharmacology/physiology. Candidates must have at least 2 years of teaching/research experience after their Ph.D. with commitment to quality graduate and undergraduate teaching. Specialization in any one of the following areas is desirable: pulmonary physiology/biochemistry, renal physiology/pharmacology; or transport mechanisms in biological systems. Submit curriculum vitae, bibliography, brief outline of current research activity, and names and addresses of at least four persons for reference letters and other pertinent information to: **Dr. B. N. Dixit, Chairman, Department of Pharmacology, University of Pittsburgh School of Pharmacy, 1100-3 Salk Hall, Pittsburgh, Pa. 15261.**

An Equal Opportunity/Affirmative Action Employer

ASSOCIATE DEAN FOR RESEARCH

Ph.D. required. Resource Management background. Send résumé, transcripts and three references to **H. Loewenstein, Acting Chairman Search Committee, College of Forestry, Wildlife and Range Sciences, University of Idaho, Moscow, Idaho 83843.** *An equal opportunity/affirmative action employer.*

POSITIONS OPEN

ASSISTANT PROFESSOR OF HUMAN GENETICS

Applications are invited from qualified Ph.D. and/or M.D. with educational research background in genetics, biochemistry, and cell biology. Candidate must have significant research accomplishments and teaching capabilities in all of the above areas. Preference will be given to those whose research focus is either in mammalian chromosome structure and function, or biochemistry of genetic variation in eukaryotic (preferably human) organisms.

Please send complete curriculum vitae and three references to: **Chairman, Department of Human Genetics, University of Pennsylvania School of Medicine, Philadelphia, Pennsylvania 19174.**

An equal opportunity/affirmative action employer

ASSISTANT PROFESSOR OF ZOOLOGY

The Department of Zoology, College of Biological Sciences, The Ohio State University, invites qualified applicants to apply for the position of Assistant Professor of Zoology, with assignment at the Marion Regional Campus to teach introductory and lower division biology and zoology. Candidate should have earned the Ph.D. degree in Zoology and have some interest in continuing a research program. Experience with audio-tutorial teaching methods is desirable but not mandatory. The appointment will be for 9 months at a salary range of \$11,000 to \$13,000, dependent upon qualifications. Send résumé and three letters of recommendation to: **Dr. Tony J. Peterle, Chairman, Department of Zoology, College of Biological Sciences, The Ohio State University, 1735 Neil Avenue, Columbus, Ohio 43210.**

An Equal Opportunity Employer

ASSISTANT OR ASSOCIATE PROFESSOR

Louisiana State University Medical Center Microbiology Department. M.D. or Ph.D., at least 2 years postdoctoral and additional faculty experience. Independent and collaborative research in basic immunology (immunochimistry). Approximately one-third effort teaching medical and dental students. Also graduate (M.S., or Ph.D.) instruction and research guidance. Diagnostic microbiology experience desirable. Salary negotiable, depending on qualifications and experience. Position available after 1 August 1974. *Equal opportunity employer.* Résumé to **Calderon Howe, M.D. Head, Microbiology Department, Louisiana State University Medical Center, 1542 Tulane Ave., New Orleans, La. 70112.**

DEPARTMENT OF BIOLOGY UNIVERSITY OF WINDSOR

invites applicants
for the following
positions

MOLECULAR BIOLOGIST: Full Professor. Qualifications: An established research reputation in cell regulation mechanisms, preferably with interest in development. Duties involve some undergraduate and graduate teaching and research. Salary negotiable.

IMMUNOLOGIST: Assistant or Associate Professor. Salary dependent upon qualifications. To teach immunology and some microbiology and pursue active research in cellular aspects of the immune response.

BIOLOGIST: Lecturer. Salary minimum \$10,250. Qualifications: Honours B.Sc. or M.Sc., some teaching experience desirable. To coordinate the laboratory in an audio-tutorial course in introductory biology and teach anatomy and physiology to nursing students. Research commitment is not expected.

POSTDOCTORAL FELLOW OR RESEARCH ASSOCIATE: Microbiologist or biochemist with interest in polysaccharide chemistry, ultrastructure or cell regulation mechanisms for research on prokaryotic developmental systems (*Myxobacteria* and blue greens). Salary \$8,500 and possible teaching supplement.

To apply, send curriculum vitae, copies of reprints (where applicable), and names of three referees to:

**Dr. H. D. McCurdy, Head
Biology Department
University of Windsor
Windsor, Ontario, Canada**

DIRECTOR

The Jackson Laboratory invites applications for the position of Director of the Laboratory, which will become open on 1 October 1975. Qualified applicants are invited to submit a curriculum vitae and summary of experience to one of the following:

Dr. James D. Ebert, Chairman, Search Committee, Marine Biological Laboratory, Woods Hole, Massachusetts 02543

Dr. James F. Crow, Member, Search Committee, Department of Medical Genetics, University of Wisconsin, Madison, Wisconsin 53706

Dr. Douglas L. Coleman, Secretary, Search Committee, The Jackson Laboratory, Bar Harbor, Maine 04609

An equal opportunity employer

**CENTER FOR BIOMEDICAL EDUCATION
CITY COLLEGE/CITY UNIVERSITY
OF NEW YORK**

The Center for Biomedical Education is a new 6-year B.S.-M.D. program admitting exceptionally qualified high school students committed to a career in primary care medicine in the urban community. The Center expects to fill the following positions as the program develops:

**BIOMEDICAL PROFESSOR OF
BIOCHEMISTRY & NUTRITION EDUCATION**
M.D.-Ph.D. with research interest in biochemistry and teaching interests in both biochemistry and nutrition. Should be experienced in educational innovation and multidisciplinary instruction. \$30,000-\$35,000 per annum.

**ASSISTANT BIOMEDICAL
PROFESSOR OF ANATOMY**
M.D. or Ph.D. with teaching experience and talent in gross anatomy, histology and embryology. Independent research program expected. \$15,000-\$20,000 per annum.

**BIOMEDICAL PROFESSOR
OF CELL BIOLOGY**
M.D.-Ph.D. or equivalent with clinical experience as well as research and teaching experience in cell biology, mammalian cell genetics and microbial physiology. Opportunities for clinical as well as laboratory investigation. \$35,000-\$45,000.

**DIRECTOR OF INSTITUTE FOR
HUMAN BIOLOGY**
M.D.-Ph.D. with Specialty Board Certification and laboratory research achievement to direct an Institute concerned with biomedical research including research in biomedical education. Qualifications must include administrative experience, experience in medical education, laboratory research, and clinical medicine. Salary negotiable depending upon experience and qualifications up to \$54,000.

BIOMEDICAL PROFESSOR OF PATHOLOGY
M.D. with broad experience in human pathology including hospital experience, and research in experimental pathology. Talent in teaching essential to develop an integrated curriculum from mammalian cell physiology through system pathology. \$35,000-\$45,000.

**AN EQUAL OPPORTUNITY AND
AFFIRMATIVE ACTION EMPLOYER**
Send curriculum vitae to: Center for Biomedical Education, The City College, Convent Avenue at 138th Street, New York, New York 10031.

FERMENTATION RESEARCH PROGRAM

Senior Microbiologist: PhD with 5 years' industrial experience in the production and recovery of microbial products, such as antibiotics or enzymes. Will be responsible for conducting laboratory studies on the derivation of antineoplastic agents from microbial sources.

Microbiologist: MS/BS with 3 to 5 years' industrial experience in the production and recovery of microbial products. Will work as a member of a team conducting laboratory studies on antineoplastic agents of microbial origin.

Well-equipped laboratory facilities, an extensive scientific library, and professional computer support are available.

Successful candidates will be offered competitive salary, attractive Company benefits, and relocation expenses.

Applications and complete resumes may be addressed to:

Mr. Donzel Loker, Personnel Manager
Litton Bionetics, Inc.
FREDERICK CANCER RESEARCH CENTER
Post Office Box B
Frederick, Maryland 21701

An Equal Opportunity Employer, M/F

BIOCHEMISTS Biosynthesis

We have several Level 1 through Level 3 positions available for B.S. to M.S. Biochemists having experience within the areas of Biosynthesis and Purification of Nucleotides and other Biochemicals.

Individuals having a working knowledge of enzyme purification, enzymatic reactions and the isolation and purification of Biological Compounds would be very well qualified. Job responsibilities will include the synthesis and purification of Carbon-14 and Tritiated Nucleotides, Nucleotide Sugars, and Sugar Phosphates.

All of the above positions offer the most successful candidates excellent opportunities to advance within the world's leading producer of radio-labeled chemicals. We are also willing to offer a more than competitive salary and fringe benefit package to the most technically qualified aspirants.

Please send résumé and salary history to John Chabot, Employment Division, New England Nuclear Corporation, 575 Albany Street, Boston, Mass. 02118.

NEN New England Nuclear
575 Albany Street, Boston, Mass. 02118
Customer service 617-482-9595

NEN Canada Ltd., Dorval, Quebec; NEN Chemicals GmbH, Dreieichenhain, W. Germany.
5 JULY 1974

● RESEARCH ● MANAGER

The assignment is the direction of research activities for an important division of a major Midwest suburban corporation . . . an expanding leader in its field . . . an organization totally committed to, and dependent on research for continued expansion.

This newly created position demands professionalism, management expertise, vision and realism, combined with the ability to manage a staff and R & D budget.

The area of research is new and professionally stimulating . . . and requires the drive to direct work leading to marketable products. You must inspire your staff as you develop them and their projects; interpersonal and communications abilities are a must, and you'll interface with top management over a broad spectrum.

A Ph.D. in the Life Sciences or in Chemistry is required. Your background must include significant scientific achievement plus management experience in technical research. Exposure to marketing and manufacturing would be helpful.

This is a significant opportunity with a corporation possessing the resources to support a strong and continuous research program. Please send résumé, including salary history, in confidence, to:

Box 347, SCIENCE

An Equal Opportunity Employer M/F

RESEARCH & DEVELOPMENT

Outstanding industrial research opportunities with rapidly expanding research and product development group of a leading organization in the clinical laboratory industry.

DIRECTOR—IMMUNOHEMATOLOGY R & D

Requires mature, product-oriented scientist to direct research and development programs. Requires Ph.D. plus extensive research and/or development experience in immunohematology. Industrial experience highly desirable.

SENIOR RESEARCH SCIENTIST

Ph.D., 1 to 5 years' industrial research experience, for direct investigation in development of coagulation diagnostics. Candidate must have sound biochemistry background, especially in protein and enzyme area. Additional experience in such areas as molecular biology and other analytical biochemical techniques helpful.

Please submit curriculum vitae, publications, if available, in confidence to D. F. Barber:

DADE

Division of American Hospital Supply Corporation
P. O. Box 520672
Miami, Florida 33152
An Equal Opportunity Employer

DEPARTMENT OF RADIOLOGY SCHOOL OF MEDICINE

UNIVERSITY OF CALIFORNIA, SAN DIEGO

Is seeking an **ASSOCIATE SPECIALIST** for research programs involving quantitative analysis of fluoroscopic images. Qualifications include a Ph.D. in Physics or Electrical Engineering, experience in use of computer and writing of software for pattern recognition, metrology, and gray scale analysis. In addition, the candidate should be familiar with geometric and nonlinear optics, physiology, and anatomy.

The University of California, San Diego, is an Equal Opportunity/Affirmative Action Employer.

Send curriculum vitae and bibliography along with first inquiry to: **Norman A. Bally, Ph.D., Professor of Radiology, Chief, Division of Radiological Physics and Engineering, Department of Radiology, School of Medicine, University of California, San Diego, La Jolla, California 92037.**

CLINICAL CHEMIST

Ph.D. Full-time position available in an expanding reference laboratory for an individual with at least 3 years of experience in toxicology, endocrinology, and general chemistry procedures. Excellent salary and fringe benefits. Apply to: **P. R. Walsh, Ph.D., Laboratory Procedures East, Division of the Upjohn Company, 1075 First Avenue, King of Prussia, Pennsylvania 19406.**

DEAN—SCHOOL OF PHARMACY

Applications and nominations are invited for the position of Dean of the School of Pharmacy, University of Wisconsin-Madison. The School is responsible for pharmaceutical education and research at the undergraduate, graduate, and postgraduate levels. Qualifications include the doctorate, academic experience, and a record of achievement in the pharmaceutical sciences or health care field; administrative experience is desirable. Letters of inquiry, applications, and nominations should be addressed to **Prof. Kenneth A. Connors, Chairman, Search and Screen Committee, School of Pharmacy, University of Wisconsin, 425 N. Charter Street, Madison, Wisconsin 53706.**

Applications should be accompanied by a résumé and references. *The University of Wisconsin is an equal opportunity employer.*

DIRECTOR OF BIOENGINEERING

Applications are invited for Director of the Center for Bioengineering at the University of Washington. Address inquiries: **Chairman, Search Committee, Center for Bioengineering, SB-70, University of Washington, Seattle, Washington 98195.**

Equal Opportunity/Affirmative Action Employer

The University of California, Irvine Campus, seeks to appoint a **DEAN OF THE SCHOOL OF PHYSICAL SCIENCES** effective 1 July 1975. The responsibilities of the Dean are that of academic and administrative head of the School, which is comprised of the departments of Chemistry, Physics, and Mathematics; the Dean administers the School in all its educational, research, and business functions, and represents the School to the Chancellor of the Irvine Campus and the Vice Chancellor of Academic Affairs. The position calls for a person having strong educational interests, strong research interests, a record of outstanding achievement in the physical sciences and in administration, and a forward-looking outlook concerning the future development of the School of Physical Sciences. The position is an academic appointment in the professorial series. Applications or nominations may be addressed to: **Chairman of the Search Committee for the Dean of Physical Sciences, Department of Chemistry, University of California, Irvine, California 92664** and should be received no later than 31 October 1974. *Applications from or nominations of all qualified candidates are welcome; minorities and women are encouraged to apply.*

ECOLOGY—SYSTEMATIC BOTANY

Assistant or associate professor, Ph.D. required. Write to **Dr. Howard Stein, PHYSICS-MATHEMATICS**, assistant professor, Ph.D., experience in electronics and computer science required. Write to **Dr. James Strickland, College of Arts and Sciences, Grand Valley State College, Allendale, Mich. 49401.** *An equal opportunity employer.*

ELECTRON MICROSCOPIST

At the level of research associate or technician. To be in charge of new facility consisting of two electron microscopes, ultramicrotome, and so forth. Responsibilities will include daily maintenance, teaching, and research using negative staining and high resolution microscopy. Please send complete curriculum vitae and three references to:

**Electron Microscopy Laboratory,
Department of Microbiology & Molecular Genetics
Harvard Medical School, Building D-1
Boston, Massachusetts 02115**

Applications from women and members of minority groups are encouraged.

The Philadelphia Regional Office of the U.S. Environmental Protection Agency is seeking a **FACULTY MEMBER** with a background in Physics, Electrical and Mechanical, Civil or Chemical Engineering for an intergovernmental personnel act assignment starting after the spring session for 1 year. The assignment will be to develop the noise program of the region. Salary and benefits are negotiable with the institution concerned. For further information, contact the **Personnel Office, Environmental Protection Agency, Sixth and Walnut Streets, Philadelphia, Pa. 19106.** *An Equal Opportunity Employer.*

FACULTY POSITION

Assistant Professor, Department of Biochemistry and Pharmacology, Tufts University School of Medicine, Boston, Massachusetts. Biochemist with postdoctoral experience in nuclear magnetic resonance to pursue fundamental research program and participate in biochemistry teaching of medical, dental and graduate students. Contact **Dr. Henry G. Mautner, Chairman, Tufts University** is an equal opportunity and affirmative action employer and encourages applications from women and minority group candidates.

FACULTY POSITION

Applications are invited from individuals interested in a position as Assistant Professor in the field of oncology, specifically in the area of carcinogenesis by DNA tumor viruses. Candidates should have training and competence in cellular and molecular approaches to virus-cell interactions and be prepared to develop a fundamental research program. Each applicant should submit a curriculum vitae, list of publications, the names and addresses of at least three persons qualified to evaluate the candidate's research, and a two- to three-page statement of research accomplishments and future objectives. All qualified individuals are encouraged to respond. The position will be available 1 September 1974 to be filled no later than 1 July 1975. We are supportive of and committed to a program of affirmative action at both the department and university level. Send applications to: **Dr. Henry C. Pitot, Department of Oncology, McArdle Laboratory for Cancer Research, University of Wisconsin, Madison, Wisconsin 53706.**

HEAD, DEPARTMENT OF PSYCHIATRY

The Abraham Lincoln School of Medicine, University of Illinois College of Medicine. Candidates for this position must be board certified in psychiatry with additional clinical and research training and experience. Administrative and teaching experience in academic psychiatric units necessary. Submit curriculum vitae and names of three references to **Dr. Morton D. Bogdonoff, The Abraham Lincoln School of Medicine, P.O. Box 6998, Chicago, Illinois 60680.**

An equal opportunity, affirmative action employer

HEALTH SCIENCE PROFESSOR

To teach undergraduate courses in Histology, Biochemical Physiology, possibly Electron Microscopy, with undergraduate research. Salary and rank open. Residential college with strong Christian theme, innovative academic program and human development emphasis. Reply to **Dr. Robert D. Bocksch, Head, Department of Health Sciences, Whitworth College, Spokane, Wash. 99251.**

MANAGER OF MEDICAL COMMUNICATIONS

A major pharmaceutical division of a worldwide health-oriented corporation has a need for an M.D. who can supervise and coordinate all medical product communications (product inquiries, labeling, and clinical publications). In addition, the individual may become involved in new drug clinical research, market support and technical education activities. Possible progression to medical director. Applications from foreign medical graduates welcomed. We offer a 40-hour week, an excellent benefits package, exceptional advancement opportunity, and a very desirable southern California location. Salary to the mid-20's to start and full relocation expenses available if required. Send curriculum vitae in confidence to:

Box 336, SCIENCE

MARINE PHYSIOLOGIST

The Rosenstiel School of Marine and Atmospheric Science has an opening for a whole animal physiologist, with at least a secondary interest in environmental physiology, beginning as early as January 1975. Responsibilities will include teaching a graduate-level course on the physiology of marine animals. Appointment will be at a rank and salary commensurate with experience and qualifications. Applicants must have completed the Ph.D. degree. Send curriculum vitae and names of five referees to **Dr. Barrie F. Taylor, Chairman of Search Committee, University of Miami, Rosenstiel School of Marine and Atmospheric Science, 4600 Rickenbacker Causeway, Miami, Florida 33149.** Applications close on 31 August 1974.

POSITIONS OPEN

INSTRUCTOR IN NUTRITION

To join 40-member Food Science and Nutrition faculty at University of Minnesota. Team teaching and team development and implementation of new Coordinated Undergraduate Curriculum in Dietetics. Ph.D. desirable. M.S., A.D.A. eligible, or member required. Write **Dorothy Verstraete, Chairman, Search Committee, Department of Food Science and Nutrition, University of Minnesota, St. Paul, Minnesota 55108.** An affirmative action and equal opportunity employer.

LABORATORY INSTRUCTOR

A 1- to 2-year position teaching undergraduate labs starting 26 August 1974 is now open. The applicant should be a recent physics graduate. Additional graduate training or M.S. in physics desirable. Academic year salary to \$8500. Write to **H. T. Wagner, Head, Physics Department, Northern Michigan University, Marquette, Mich. 49855.** An Affirmative Action Employer.

ORGANIC CHEMIST

Ph.D. full-time, natural product derivative synthesis, postgraduate research chemist or assistant research chemist. \$9,000 to \$12,000 per year, start immediately. Write **Cancer Research Institute, Moffitt Hospital 1282, University of California, San Francisco 94143.**

PHARMACOLOGIST

Ph.D. in pharmacology or physiology. Experience in gastrointestinal area desired, but not essential. Work with a well-established G.I. team in modern research facilities located in a southern metropolitan atmosphere. Excellent benefits and career opportunity. Send résumé in confidence to: **Director of Personnel, A. H. Robins Company, 1407 Cummings Drive, Richmond, Virginia 23220.** An Equal Opportunity Employer—Male or Female.

PHARMACOLOGIST

Position available for experienced cardiovascular pharmacologist to head a team conducting research on antihypertensive drug therapy.

Our company is a major ethical pharmaceutical manufacturer with extensive research facilities. Salary and benefits offered are competitive. Please send complete résumé to:

**Personnel Department
Ayerst Laboratories
P.O. Box 6115
Montreal, Quebec, Canada
H3C 3J1**

PHYSIOLOGIST

Ph.D. physiologist interested in hemodynamic studies sought for position in cardiothoracic surgical research laboratory at Boston University Medical Center. Teaching and independent research opportunities available. Immediate appointment. Applicants should submit curriculum vitae, three letters of reference, and graduate transcripts to:

**Dr. Robert L. Berger
Chief, Cardiothoracic Surgery
75 E. Newton Street
Boston, Mass. 02118**

Equal Employment Opportunity Institution

PLANT PHYSIOLOGIST OR MICROBIOLOGIST

To teach lower division interdisciplinary and upper division courses in either Plant Physiology or Microbiology as well as Cell Biology. Opportunities for team-teaching, curriculum development. Ph.D. or equivalent, experience teaching in open admission setting preferred.

Please send letter and résumé to: **Director of Health Sciences, SUNY College at Old Westbury, Old Westbury, New York 11568.** An Affirmative Action Employer.

POSITIONS OPEN

PHYSIOLOGIST

HAZLETON LABORATORIES, INC., specializing in the life and applied sciences, has a staff position available in our Inhalation Toxicology Department. This department conducts contract research projects on the effects of airborne materials on the pulmonary and other systems in animal models. A Ph.D. in physiology with a strong background in respiratory physiology and an interest in applied science is required.

Our laboratories are located in northern Virginia, approximately 20 miles from Washington, D.C., and within close proximity to National Institutes of Health. Pleasant living area with excellent educational and recreational facilities. Salary is commensurate with experience and job requirements. Full benefit program including company-paid relocation.

Qualified and interested parties should send résumé, including salary history and requirements, in complete confidence to **Michael J. Mackert, Personnel Manager, HAZLETON LABORATORIES, INC., 9200 Leesburg Turnpike, Vienna, Virginia 22180, E.O.E.**

POSTDOCTORAL POSITION

Position available 26 August for 2 years in bacterial and/or mammalian genetic regulation at \$8000 per year, with optional teaching experience possible. Send curriculum vitae, research interest outline, and references to

**Dr. Temple F. Smith
Biophysics Laboratory
Northern Michigan University
Marquette, Mich. 49855**

POSTDOCTORAL RESEARCH PATHOLOGIST

Position now available for M.D., D.V.M., or Ph.D. to work in chemical carcinogenesis. Send résumé and references to **Dr. B. Toth, The Eppley Institute for Research in Cancer, University of Nebraska College of Medicine, Omaha, Nebraska 68105.** An Equal Opportunity/Affirmative Action Employer.

PROFESSOR OF HEALTH SERVICES ADMINISTRATION

The Harvard School of Public Health is seeking qualified candidates for the Roger Irving Lee Professorship in the Department of Health Services Administration. The terms of this endowed chair do not restrict the discipline of the professor to be named. The Department of Health Services Administration consists of an interdisciplinary faculty which is responsible for a 1-year and a 2-year program leading to the degree of Master of Science in Health Services Administration and a doctoral program leading to the degrees of Doctor of Public Health or Doctor of Science in Health Services Administration.

Candidates will be considered from the fields of business administration, public administration, public health administration, economics, engineering, political science, sociology, or medicine. Candidates should possess an earned doctorate degree and demonstrated competence in teaching and research in areas relevant to the planning, organization, management or evaluation of health services.

Harvard University is an equal opportunity employer with an affirmative action program.

Résumé should be sent to **Alonzo S. Yerby, M.D., Professor and Head, Department of Health Services Administration, Harvard School of Public Health, 677 Huntington Avenue, Boston, Mass. 02115.**

RESEARCH ASSOCIATE

Biophysicist or biomedical engineer with physiology background to take charge of research program to develop carbon dioxide laser surgical instrumentation and techniques.

**Dr. Hugh Beckman
Sinai Hospital of Detroit
6767 West Outer Drive
Detroit, Michigan 48235**

RESEARCH IN ENDOCRINOLOGY

One- to two-year program of basic and clinical research in hormonal regulation of calcium and skeletal metabolism using in vivo and in vitro systems. Advanced degree in biology (medicine) and/or biochemistry. Send résumé to **Dr. L. J. Deftos, Department of Medicine, University of California, La Jolla, Calif. 92037.**

POSITIONS OPEN

RESEARCH ASSOCIATE

Immediate opening in tumor immunology, West Coast medical school. Experience in tumor antibodies and immunochemistry desired. *An equal opportunity employer.*

Box 331, SCIENCE

LECTURERS, TEMPORARY, NONRENEWABLE

Two one-semester positions available September 1974 to teach at intermediate/advanced undergraduate level.

1) **CELL BIOLOGIST/ELECTRON MICROSCOPIST** to teach cell biology with colleague who supervises course. Lectures, 60 students; demonstrations of electron microscopy; techniques of electron microscopy, small group.

2) **NEUROPHYSIOLOGIST** interested in animal behavior, sensory physiology, small neural circuits, and so forth. Lecturers in physiological foundations of animal behavior; maximum 150 students. Also supervising and instructing introductory course laboratories.

Candidates must have Ph.D. and should have teaching experience. Salary \$5000.

Please send curriculum vitae, reprints, and three letters of recommendation to: **Edward S. Hodgson, Chairman, Biology Department, Tufts University, Medford, Mass. 02155.**

Application deadline: 20 July 1974. *Tufts University is an Equal Opportunity/Affirmative Action Employer. Applications from women and minority candidates are especially welcomed.*

WILDLIFE BIOLOGIST

Applications are invited from persons with experience in wildlife resource management and research interests in waterfowl, upland game or fur bearer biology. The successful applicant will be expected to contribute to the undergraduate teaching programme and direct graduate research.

The position offers an excellent opportunity to develop field and laboratory studies within an established wildlife programme.

Salary and position will be commensurate with the qualifications and experience of the successful applicant.

Applications must include the names of two referees and should be forwarded to the **Chairman, Department of Zoology, College of Biological Science, University of Guelph, Guelph, Ontario, Canada N1G 2W1** by 1 August 1974.

FELLOWSHIPS

POSTDOCTORAL FELLOW

Two positions open: Postdoctoral position available 1 September 1974 for research on genetic analysis of the cell cycle (Dr. Rovera) and on nuclear proteins and cell proliferation (Dr. Baserga). Send curriculum vitae to: **Temple University Health Sciences Center, Park Ave. and Ontario St., Philadelphia, Pa. 19140.** An equal opportunity/affirmative action employer.

POSTDOCTORAL FELLOWSHIP

Applications are invited from individuals with experience in animal virology and tissue culture and/or molecular hybridization techniques. Work is concerned with respiratory viruses. Available immediately. \$10,000 per annum. Send curriculum vitae to: **Dr. Marcel W. Pons, Department of Virology, Public Health Research Institute, 455 First Avenue, New York, N.Y. 10016.**

FELLOWSHIPS

Postdoctoral Fellowship in Developmental Biology. Position available from 1 September 1974 for a geneticist or cell biologist to work on the genetics of cellular differentiation for aggregation in the cellular slime mold, *Dictyostellium discoideum*. The work involves selection and maintenance of mutants, genetic mapping, and the biochemical investigation of changes in plasma membrane structure.

Send curriculum vitae, list of publications, and the names of three referees to **Anthony Robertson, Department of Biophysics and Theoretical Biology, University of Chicago, 920 E. 58 Street, Chicago, Ill. 60637.**

From the time of its original charter, the principle of the University of Chicago has been to appoint scholars without regard to race, color, religion, sex, or national origin.

Astronomer

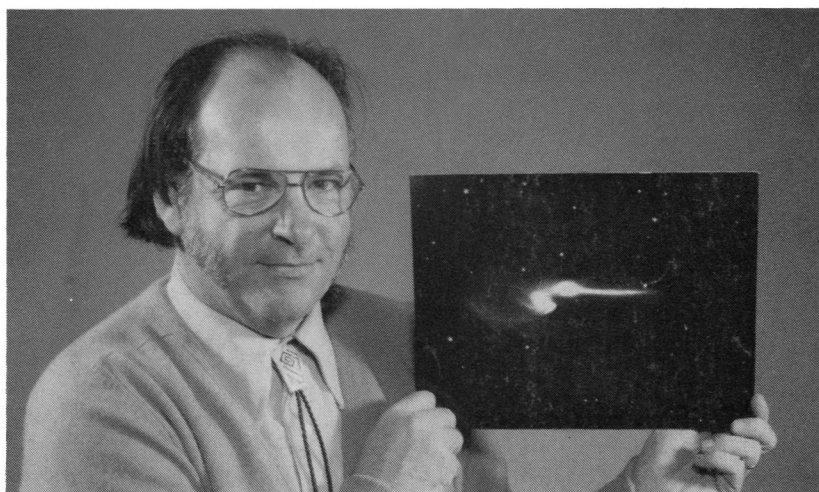
(with The Mice galaxies)

Pride is of the highest importance as a business motivator. We are proud that A. G. Millikan, a Kodak emulsion researcher, has sufficient standing in his own right as an astronomer to be granted telescope time at a major observatory. We are pained that the admirable accomplishments of radio astronomy, x-ray astronomy, and infrared astronomy can sometimes leave a nonparticipating observer of the scientific scene thinking that the photographic emulsion has been dropped from the tool kit. Heavens, no! Heavenly endeavor without it would be tough indeed.

To broaden understanding of its present role in astronomy, Millikan has written an article "Image Detection at the Telescope" in American Scientist for May-June, 1974. We would be proud to be asked for a reprint at Dept. 55W, Kodak, Rochester, N. Y. 14650.

Astronomers don't need advertising to remind them that they need the photographic emulsion. They can understand that there are no huge stakes to be won in plates and films for their use. We persist for 1) Kodak tradition and pride, 2) a desire to do something useful for Science, which has done a lot for us, 3) awareness of how much such merchandise as the gentleman below promotes owes to sensitizing-dye technology built up years ago to solve purely astronomical problems.

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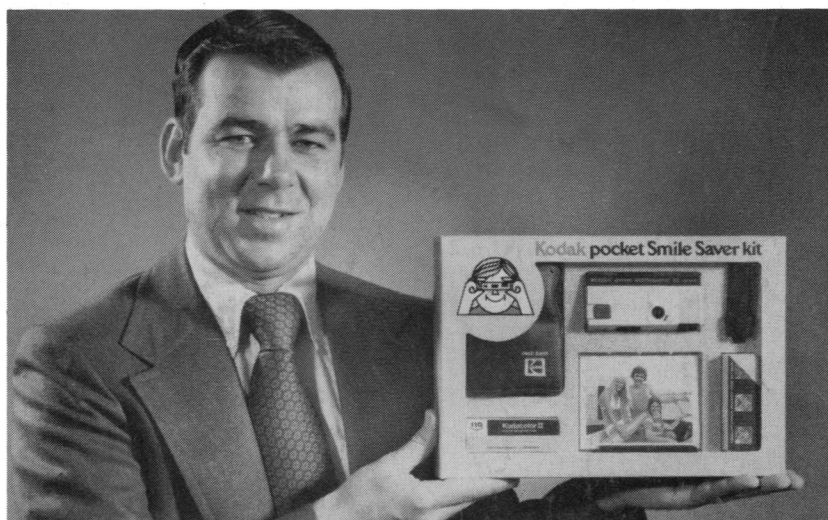
LR 115 is for individual particles, as in detecting radioactive material at very low levels. CA 80-15 is for gross imagery—of objects to be viewed solely by their energetic-particle emission amidst overpowering radiation, and for neutron radiography.

Since neutron beams are attenuated by hydrogen scattering but not by most heavy elements, they penetrate to visualize organic material. They leave no tracks, but we can supply CA 80-15 film coated with material they activate to shoot α particles, which do register on the film. Neutron radiography can resolve a few micrometers and show up 1% thickness differences, it is said.

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Without guys and gals like Ganey beating their brains out, astronomers and neutron radiographers might find their problems just a trifle more difficult than they already are.



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