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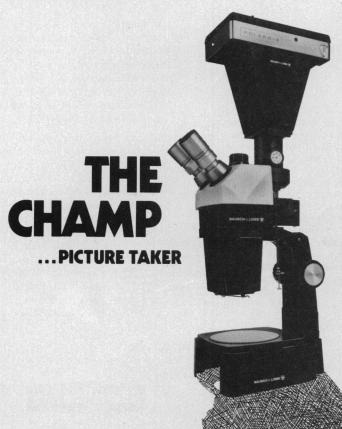
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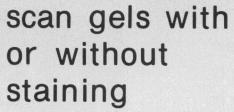
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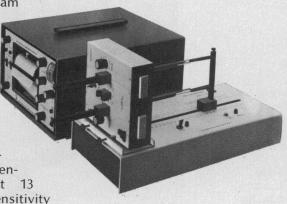
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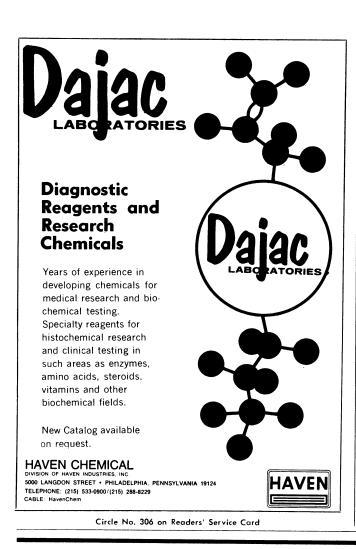
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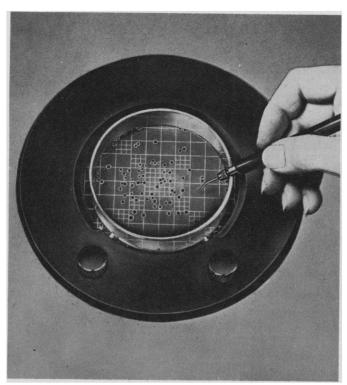
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Requirements for this position include a Ph.D. in Pharmacology plus five or more years of broad pharmacology experience within the ethical pharmaceutical industry. We would prefer a candidate who has had some supervisory experience at the Group Leader level. This position will be responsible for technical direction over several research groups and also involve IND and NDA preparation. Our Research Staff is aware of this position.

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CHIEF, SURGICAL **NEUROLOGY BRANCH**

The National Institutes of Health invites nominations and applications for the position of Chief of the Surgical Neurology Branch, National Institute of Neurological and Communicative Disorders and Stroke (NINCDS), Public Health Service, Department of Health, Education, and Welfare. This Institute is one of 12 biomedical research institutes within the National Institutes of Health. The Surgical Neurology Branch, conducts, foctors, and coordinates clinical research on human Branch conducts, fosters, and coordinates clinical research on human diseases, involving the nervous system, in the NINCDS Intramural Research Program located in Bethesda, Maryland.

Applicants must be neurosurgeons who have demonstrated achievement and stature in the field of neurosurgery. Applicants must also have a high degree of scientific experience and judgment, and demonstrated leadership and management ability.

The position may be filled in either the Civil Service or Commissioned Corps of the Public Health Service with a salary range between \$34,000 and \$42,000 per annum. Salary is negotiable depending on length and breadth of experience.

Letter of application with curriculum vitae and lists of publications and references should be sent to the Chairman of the Search Committee:

> Dr. Donald B. Calne Clinical Director National Institute of Neurological and Communicative Disorders and Stroke

NATIONAL INSTITUTES OF HEALTH

Building 10, Rm 6D-20 Bethesda, Maryland 20014 An Equal Opportunity Employer

POSITIONS OPEN

DEAN COLLEGE OF MEDICINE

The University of South Alabama invites nominations and applications for the position of Dean of the College of Medicine. The Dean reports directly to the President of the University and is the chief academic and administrative officer of the College of Medicine; he is responsible for planning, development, and implementation of curricula; the coordination of the health care delivery and biomedical research programs; and supervision of student affairs and admissions. He must be capable of effectively relating to and representing the faculty of the College of Medicine, of interacting with the administrative heads of other University units, and must be sensitive to issues which involve the College of Medicine and other health care delivery units in the community. Qualifications include: M.D. degree, academic and administrative experience, previous experience in medical education and biomedical research, understanding and knowledge of health care delivery, and proven leadership qualities. Send curriculum vitae and nominations to:

Dr. Robert Kreisberg, Chairman.

Search Committee

c/o Mr. Ted Ferguson, Director

Personnel Relations

University of South Alabama

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DEPARTMENT OF BIOLOGY REQUIRES AN
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develop a comparative course in descriptive
embryology and to participate in teaching Invertebrate Biology and Introductory Zoology. Successful candidate will be expected to develop an
active research programme. Ph.D. required. Send
curriculum vitae and three letters of reference to:
Dr. D. Parkinson, Head, Department of Biology,
The University of Calgary, 2920 24th Avenue,
NW, Calgary, Alberta T2N 1N4, Canada.

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PATHOLOGIST: M.D. Board certified in anatomic pathology, California license desirable. Prefer teaching experience and research in infectious diseases, oncology, or environmental health. Salary negotiable. Minority and women candidates are urged to apply. Submit curriculum vitae and names of references to Professor S. H. Madin, School of Public Health, University of California, Berkeley, Calif. 94720.

PLÁNT PHYSIOLOGIST

PLANT PHYSIOLOGIST

Recent Ph.D. desired as Assistant Professor to teach introductory plant physiology, to help team-teach a course in molecular biology, and to develop a graduate-level course. Research interest in algae or aquatic plants preferred. Send résumé, names of three references whom you are asking to provide recommendations, and transcripts to: Eddie Basler, School of Biological Sciences, Oklahoma State University, Stillwater, Oklahoma T4074. An Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION. Current opening for biochemist with experience in enzyme purification, assay, and crystallization to collaborate with physicist and chemist to study nuclear hyperine interactions in crystalline metalloenzymes by EPR and perturbed angular correlation of gamma emission. Send résumé to Dr. James S. Vincent, Department of Chemistry, Uriversity of Maryland Baltimore County, 5401 Wilkens Avenue, Catonsville, Maryland 21228, Telephone: 301-455-251, UMBC is an Affirmative Action/Equal Opportunity Employer.

POSTDOCTORAL POSITION. 1 July 1975, for study of ultrastructural and pharmacological development of fetal motoneurons. Applicant should have experience and/or interest in learning conventional electron microscopy techniques. Salary \$9450 for a L-year appointment. Send résumé to: Dr. Henry J. Wehman, Department of Biology, Kirg's College, Wilkes-Barre, Pennsylvania 18702. King's College is an Equal Opportunity Employer

POSTDOCTORAL POSITION available immediately for the study of the structure and function of eukaryotic RNA polymerases. Candidate should have a Ph.D. in biochemistry or related area and be well trained in molecular biology or enzymology. Send curriculum vitae and three letters of recommendation to:

Dr. M. E. Dahmus Department of Biochemistry and Biophysics University of California Davis, California 95616

POSTDOCTORAL or RESEARCH ASSISTANT.... SMOOTH MUSCLE RESEARCH

Department of Respiratory Diseases seeking recent Ph.D. (or M.S.) in pharmacology, emphasis biochemistry or immunology. Salary negotiable. Curriculum vitae to

Dr. Earle B. Weiss St. Vincent Hospital Worcester, Mass. 01610

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POSTDOCTORAL RESEARCH POSITION (post-POSTDOCTORAL RESEARCH POSITION (post-graduate research) for biological and biochemical studies on DNA repair, especially photoreactivation, in mammalian cells. Recent Ph.D. required. Send curriculum vitae and three letters of reference to Dr. Betsy M. Sutherland, Department of Molecular Biology and Biochemistry, University of California, Irvine, California 92664, Applications from all qualified candidates are welcome; women and minorities are encouraged to apply.

POSITIONS OPEN

PLANT CYTOGENETICIST

The Departments of Agronomy and Range Science, and Vegetable Crops, University of California at Davis, invite applications for a cytogeneticist position with rank equivalent to Assistant Professor. A Ph.D. and interest in the genetic improvement of crop plants are required. Duties will include research, direction of graduate students, and teaching in cytogenetics and plant breeding.

Applicants should submit a curriculum vitae with a list of publications, reprints, transcripts, and three references to M. Allen Stevens, Department of Vegetable Crops, University of California, Davis, California 95616, by 1 July 1975.

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POSTDOCTORAL RESEARCH

Applications are invited for postdoctoral research positions related to the action of cyclic nucleotides on nuclear protein kinases and RNA synthesis. Salary is \$10,000 for 12 months. Applicants should submit a curriculum vitae and have two letters of recommendation sent by a referee to Dr. Richard A. Jungmann, Department of Biochemistry, Northwestern University Medical School, 303 East Chicago Ave., Chicago, Illinois 60611.

RESEARCH APPOINTMENTS UNIVERSITY OF DENVER RESEARCH INSTITUTE

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Communication Scientist. Responsible for assisting on selected communication research projects currently under way and for participating in the preparation of proposals to conduct future communication projects. Professional survey research experience for governmental and/or commercial sponsors required. Demonstrated writing ability necessary. Minimum education: advanced degrees in mass communications and information science and technology. Compensation: \$15,000 to \$20,000, depending upon qualifications.

Reply in writing with complete résumé and references to: Industrial Economics Division, University of Denver Research Institute, Denver, Colorado 80210. An Equal Opportunity/Affirmative Action Employer.

SCIENTIFIC INSTRUMENTS SALES REPRESENTATIVE

For Texas, to be based in Houston. Experience in the sale of scientific instruments required. Background in health sciences preferred, Products include microscopes, related optical instruments, and clinical laboratory equipment sold to hospitals, clinical laboratories, universities, and medical and industrial research facilities. Submit résumé, including educational background, salary history, and requirement, to Personnel Department, E. LEITZ, INC., Link Drive, Rockland, New Jersey 07647. An Equal Opportunity/Affirmative Action Employer.

SCIENTISTS AND ENGINEERS. Positions are available at a distinguished private, nonprofit organization for executive director-level professionals to head and/or coordinate projects dealing with the scientific and engineering issues relating to energy. Typical projects could include the technology of drilling for energy resources, advanced energy storage systems, the breeder reactor, and assessments of unconventional energy sources. Applicants should be mid-career or scientists, social scientists, engineers, or R & D managers experienced in energy policy, science policy, R & D management, experienced in administration, writing and reviewing reports, and supervision of supporting staff. An Equal Opportunity Employer. Send curriculum vitae to Box 215, SCIENCE.

BOTANIST— ECOLOGIST

Nalco, an international leader in the field of water treatment, chemistry and technology, maintains its advanced position through constant research. Our unending quest for improved technology and new answers calls for a highly qualified staff with matching dedication. At this time we are seeking to augment our Terrestrial Ecology staff at Northbrook, Illinois.

As our botanist your involvement will include ecological and taxonomical interests in the area of environmental consulting. A background in research is essential; with an M.S., Ph.D. or equivalent. A technical writing capability is required.

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Personnel Office

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We offer relocation, excellent salary and benefits program. Please submit resume with salary history in confidence, to:

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Senior Pharmacologist

Anti-Inflammatory Research ENGLAND

Applications are invited for a senior post in our Pharmacology Department in Welwyn Garden City, Hertfordshire, England. The department is responsible for carrying out research and screening work aimed at the development of new drugs in which pharmacologists participate in the research programmes of interdisciplinary groups. The senior pharmacologist we appoint will be responsible for directing the work of a team of pharmacologists engaged in anti-inflammatory research. Applicants should have a Ph.D. qualification and preferably some postdoctoral experience in anti-inflammatory research.

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TECHNICIAN: BEHAVIORAL GENETICS

Position available immediately. Qualifications should include experience working with small mammals and a knowledge of genetics and statistics. Ability in computer programming would be helpful. Duties involve primarily data collection and analysis as well as supervision of animal facilities. Starting salary is \$8000 per year. Send résumé to: Dr. Carol B. Lynch, Department of Biology, Wesleyan University, Middletown, Conneticut 06457.

TISSUE CULTURE TECHNOLOGIST

Experienced tissue culture technologist with M.S. degree in Biology or Biochemistry. Salary nego tiable. Send résumé or curriculum vitae to O. M. Rennert, University of Florida, Department of Pediatrics, Gainesville, Fla. 32610. Opportunity/Affirmative Action Employer.

TOXICOLOGIST

The Consumer Product Safety Commission an immediate opening for an experienced Toxicologist with a desire to make important contributions in the area of regulatory toxicology. The toxicology function is in the Bureau of Biomedical Science, located in Bethesda, Maryland

Biomedical Science, located in Bethesda, Maryland.

Our toxicology program is conducted on both in-house and extramural contract basis with commercial and university laboratories. Classes of materials include consumer products covered by the Consumer Product Safety Act and the transferred functions. Much of our work is regulatory in nature—drawing upon current laboratory studies, historical research, and wide contracts in all phases of toxicology.

The individual we need should have a Ph.D. in Toxicology or a related discipline, at least 5 years' experience in toxicology research plus a definite proficiency in written and oral communications. Some travel will be required.

Qualified applicants are requested to send a detailed résumé and personal qualifications statement (Standard Form 171) plus any Civil Service Commission rating to:

Consumer Product Safety Commission Bureau of Biomedical Science, Room 712 Westwood Towers Building 5401 Westbard Avenue Bethesda, Maryland 20207

Salary range from \$21,816 to \$36,000.

VERTEBRATE FIELD BIOLOGIST

Appointment at Assistant Professor level beginning 1 September 1975. Ph.D. required. Responsibilities include undergraduate teaching and course development in environmental program. Area of field specialty open. Application deadline is 23 May 1975. Send complete résumés and three letters of recommendation to Chairperson, Biology Search Committee, Division of Natural Sciences, University of Pittsburgh at Johnstown, Johnstown, Pa. 15904. UPJ is an Affirmative Action/Equal Opportunity Employer.

ZOOLOGIST/GENETICIST

Windham College in Putney, Vermont, is searching for an Assistant Professor with a Ph.D. whose teaching duties will include introductory biology and genetics. Other areas of specialization could be either cell and tissue culture or mammalogy and ornithology.

Send curriculum vitae, publications, and three letters of reference direct to Dr. Anne M. Stewart, Chairwoman, Department of Biology, Windham College, Putney, Vermont 05346. Windham College is an Equal Opportunity/Affirmative Action Employer.

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COURSES

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ecology. The Ecosystems Center, MBL. A lecture, laboratory, and field course on the structure, function, and interactions of ecosystems. Lectures will focus on the history, evolution, successional patterns, metabolism, productivity, and nutrient budgets of major ecosystems. The cycling of nutrients, radionuclides, and other toxins through ecosystems will be considered. Laboratory work will deal with analyses of selected segments of ecosystems and will include field sampling expeditions to local terrestrial and marine communities. Faculty: George M. Woodwell (Instructor-in-Charge), Daniel Botkin, and Charles Hall, The Ecosystems Center; Special Lecturers include I. Valiela, Boston University Marine Program; J. Teal, K. O. Emery, J. Ryther, and H. Jannasch, Woods Hole Oceanographic Institution; R. H. Whittaker, Cornell University; F. E. Smith, Harvard University; and others.

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NEUROBIOLOGY. Boston University; and others.

NEUROBIOLOGY. Boston University Marine Program and MBL. An intensive study of selected topics including lectures, seminars, and laboratory experiments with living material. Lectures will deal with elementary electricity, electrophysiological techniques; neuron doctrine; diffusion, resting and action potentials; synaptic transmision; principles of sensory physiology; and photoreception. Laboratory experiments will center on methods in electrophysiology. Live materials will include insect mechanoreceptors, frog sciatic nerve and sartorius muscle, lobster giant axons and neuromuscular systems, and the Limulus eye. Faculty: Fred Lang (Instructor-in-Charge), Boston University Marine Program; Edward F. MacNichol, Jr., and Alan Fein, MBL. Special Lecturers.

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Application: Write to Admissions Office, Marine Biological Laboratory, Woods Hole, Mass. 02543, or call 617-548-3705, Ext. 212. Enrollment closes 1 November 1975; applicants will be notified by December

ANNOUNCEMENT

MARINE BIOLOGICAL LABORATORY (MBL)
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offers
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A YEAR IN SCIENCE AT THE MBL

In the fall of 1975 a selected group of undergraduate and graduate students will have the opportunity to arrange a distinctive curriculum of study and research throughout the academic year at the Marine Biological Laboratory. Individual programs will be arranged in consultation with George M. Woodwell of the Ecosystems Center and staff of the Laboratory of Sensory Physiology at the MBL; the Boston University Marine Program; the Woods Hole Oceanographic Institution; and the Laboratory of the National Marine Fisheries Service. Students will have the opportunity to participate in the various semesterlong courses and seminars offered through the year by the MBL, including the well-known January courses. A special offering during the academic year 1975–76 will be a SEMINAR ON THE BIOSPHERE, a two-semester course in ecology that will examine the structure and function of ecosystems. Scholarships up to 50 percent of total costs are available.

For application blanks and further information write to Admissions Office, Marine Biological Laboratory, Woods Hole, Massachusetts 02543, or call 617-548-3705, Ext. 212. Deadlne for applications; 1 June 1975; applicants will be notified by mid-June. For those who wish to be in residence for the spring semester only, the deadline is 1 September 1975, with notification by mid-September.

POSTDOCTORAL FELLOWSHIPS

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