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Physics of Membrane Transport. A. Iberall and A. Schindler. General Technical Services, Upper Darby, Pa., 1973. vi, 266 pp., illus. Paper, \$6.

Population, Environment, and Social

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The Spaghetti City Video Manual. A Guide to Use, Repair, and Maintenance. Videofreex. Praeger, New York, 1973. xii, 116 pp., illus. \$7.95.

Tahitiens. Mind and Experience in the Society Islands. Robert I. Levy. Illustrated by Pierre Heyman. University of Chicago Press, Chicago, 1973. xxviii, 548 pp. \$12.50.

The Technique of Psychoanalytic Psychotherapy. Vol. 1, The Initial Contact, Theoretical Framework, Understanding the Patient's Communications, The Therapist's Interventions. Robert Langs. Aronson, New York, 1973. 660 pp. \$15.

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Wildlife Ecology. An Analytical Approach. Aaron N. Moen. Freeman, San Francisco, 1973. xx, 458 pp., illus. \$17.50. *A Series of Books in Agricultural Science*.

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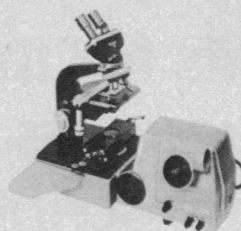
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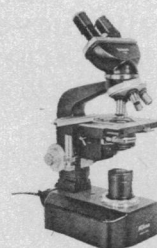
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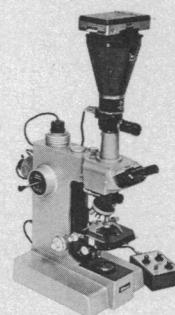
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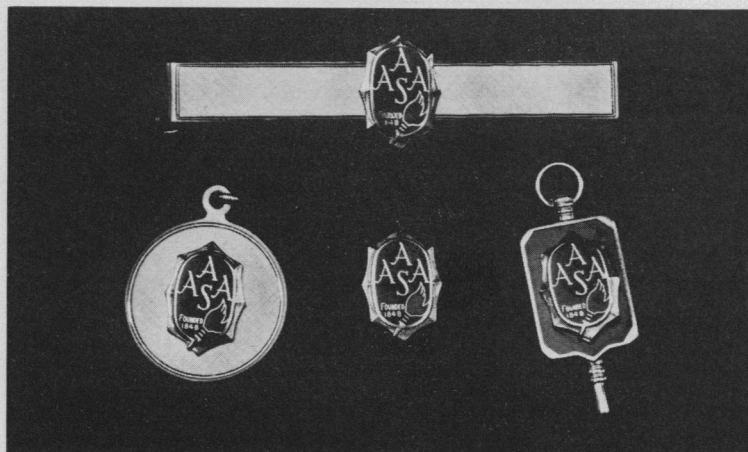
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Two groups of investigators ^{1,2} have shown that reverse transcriptase can be distinguished from cellular DNA polymerase by using the appropriate combinations of polyadenylic acid, polydeoxyadenylic acid and oligothymidylic acid as templates and primers. Their results can be summarized as follows:

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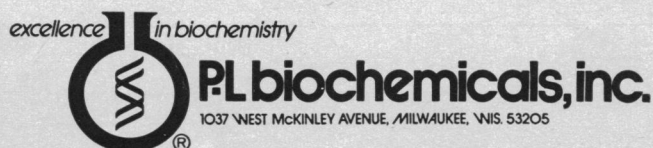
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7834 Polydeoxythymidylic Acid; Poly(dT)
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Reverse Transcriptase References*

¹N.C. Goodman and S. Spiegelman, *Proc. Nat. Acad. Sci. USA*, **68**, 2203 (1971).

²R.D. Wells, et al, *Biochemistry*, In Press.

*Literature references are cited for the sole purposes of documenting statements of fact and do not constitute endorsement of products.

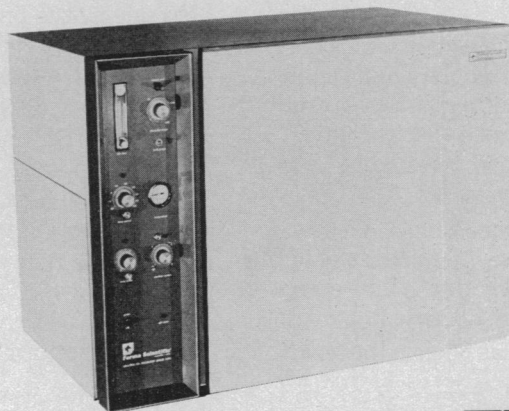


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15 FEBRUARY 1974

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Virologist, Ph.D. with 17 years of research and teaching experience, seeks faculty position in medical, veterinary, or allied health sciences school. Current publications and research. Box 82, **SCIENCE**. X

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Appointment available at Rosenstiel School of Marine and Atmospheric Science, University of Miami, for an aquatic ecologist interested in quantitative population or community ecology with particular interest in food chain dynamics and community structure. Responsibilities will include teaching and the designing and coordination of field research. Level of appointment would be commensurate with qualifications. Inquiries should be submitted to:

**James H. Carpenter
Chairman—Search Committee
RSMAS, University of Miami
10 Rickenbacker Causeway
Miami, Florida 33149**

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Faculty position available, fall 1974. Doctorate required and active interest in undergraduate teaching. Teaching includes courses in human anatomy and physiology. Rank and salary open. Send curriculum vitae and three references to **Dr. Warren Schaller, Department of Physiology and Health Science, BALL STATE UNIVERSITY, Muncie, Ind. 47306.**

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Position available for 1 September 1974 in Internal Medicine at Veterans Administration Hospital, affiliated with the University of Michigan Medical School. Candidate must have at least 6 years of postgraduate training in internal medicine and clinical endocrinology. Must have research experience and publications in steroid hormones, the renin-angiotensin system and hypertension. Will consult, teach, and do research in the field of clinical endocrinology. Send résumé to **Box 83, SCIENCE.** A Nondiscriminatory Affirmative Action Employer.

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1) Academic physician with interests in clinical research and teaching. Should present evidence of research in lipid metabolism. Board certification in endocrinology and metabolism are desirable.

2) Academic cardiologist with interest in exercise physiology. Will be responsible for exercise stress electrocardiography related to large clinical trial in primary prevention of coronary artery disease. Will also be an active member of the cardiology faculty and should have had teaching experience.

Inquiries for positions should be addressed to **Dr. W. Virgil Brown, Department of Medicine, Division of Metabolic Disease, School of Medicine, University of California, San Diego, La Jolla, California 92037.** The University of California is an equal opportunity, affirmative action employer. Positions will be closed 1 March 1974.

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Responsibilities include teaching of clinical gastroenterology and general internal medicine, care of patients with gastroenterological and general medical disorders, and independent research in areas related to gastroenterology and administrative responsibility. Applicants should be completely trained in gastroenterology, proficient at all of the endoscopic, biopsy and other specialized procedures of this subspecialty, should have participated in published fundamental research in areas related to gastroenterology, and developed a long-range plan for future research. Inquiries should be directed to **Dr. Helen M. Ranney, Chairman, Department of Medicine, University Hospital, 225 West Dickinson Street, San Diego, Calif. 92103.** The University of California is an equal opportunity, affirmative action employer.

ASSISTANT PROFESSORSHIP IN MEDICINAL CHEMISTRY SCHOOL OF PHARMACY, UNIVERSITY OF MARYLAND AT BALTIMORE

Position open 1 July 1974, involving teaching of Medicinal Chemistry and participating in research efforts of the department. Requirements include training as a medicinal chemist, preferably with B.S. in pharmacy, 1 year of postdoctoral experience, ability to do and to direct synthesis of labeled compounds and experience with spectroscopic instrumentation, including mass spectrometry and nuclear magnetic resonance.

Please send three professional references together with your most significant publications by 28 February 1974 to **Dr. Nicolas Zenker, Chairman, Department of Medicinal Chemistry, 636 West Lombard Street, Baltimore, Maryland 21201.**

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Assistant or possibly associate professor with interests in molecular, biochemical, or biophysical pharmacology; specifically the effect of drugs on enzymes and contractile proteins in heart and other contractile tissues. Responsibilities include teaching of medical and graduate students and supervision of thesis research in biochemical pharmacology. Applicants should have a strong background in biochemical or biophysical chemistry and cardiovascular pharmacology. Inquiries should be addressed to **Dr. Helen M. Ranney, Chairman, Department of Medicine, University Hospital, 225 West Dickinson St., San Diego, Calif. 92103.** The University of California is an equal opportunity, affirmative action employer.

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Academic nephrologists with primary clinical interests in hemodialysis and transplantation to head acute and chronic Hemodialysis Units at University Hospital and VA Hospital. Applicants should present evidence of potential scholarly activity in directing clinically related research activities. Inquiries should be addressed to **Dr. Helen Ranney, Chairman, Department of Medicine, University Hospital, 225 W. Dickinson St., San Diego, Calif. 92103.** *The University of California is an equal opportunity, affirmative action employer.*

BIOLOGICAL OCEANOGRAPHER— MARINE BIOLOGIST

Brookhaven National Laboratory, located on Long Island about 65 miles east of New York City, seeks a marine biologist with Ph.D. or equivalent and outstanding record of research to initiate a program in biological oceanography in the northeastern coastal zone. Successful candidate will be expected to play a major role in making further appointments in this area. Send curriculum vitae, list of publications, reprints of two recent papers, and three professional references to **Dr. John M. Olson, Search Committee Chairman, Biology Department,**

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Faculty position for cell biologist with active research program in cell structure and function and background in tissue and cell culture, electron microscopy, or cytochemistry. Teaching includes graduate, undergraduate, and professional school students. Candidates must have the Ph.D. or M.D. degree, demonstrated research ability, and teaching experience at the university level. Reply to **M. M. Dewey, Chairman, Department of Anatomical Sciences, Health Sciences Center, State University of New York, Stony Brook, New York 11790,** by 15 April 1974. *An equal opportunity employer.*

DEVELOPMENTAL BIOLOGIST. Assistant professorship available August 1974. Applicants should have Ph.D. and substantial training in animal development; research interest open. Candidate should have an interest in graduate and undergraduate teaching and be active in research. Send résumé and three letters of reference to **Dr. W. H. Darden, Chairman, Department of Biology, Box 1927, University of Alabama, University, Alabama 35486.** *An equal opportunity/affirmative action employer.*

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Applications are invited for the position of Bacterial Systematist. The successful candidate must have a good background in Bacterial Genetics and either Bacterial Physiology or Immunology. Appointment will be made at the assistant professor level to commence 10 September 1974. Applicants should have a strong interest in undergraduate teaching and be capable of initiating an independent research program. Closing date for receipt of applications is 15 May 1974. Apply to **Prof. J. Phipps, Head, Department of Biology, Memorial University of Newfoundland, St. John's, Newfoundland, Canada.**

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CHEMICAL OCEANOGRAPHER

A position requested for fall of 1974 but not yet approved. Applicant should have an active research interest in estuarine or coastal oceanography and be able to teach courses in the undergraduate and graduate interdisciplinary Marine Science Program. Appointment at the assistant professor level will be in the Department of Geology and/or the Department of Chemistry. Send curriculum vitae and three letters of recommendation by 1 April 1974 to: **Dr. Björn Kjerfve, Chairman, Marine Science Search Committee, Department of Geology and Marine Science Program, University of South Carolina, Columbia, South Carolina 29208.**

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Please send complete curriculum vitae, list of publications, and names and addresses of three references to:

**Dr. Lawrence Rothfield or
Dr. Richard Berlin
University of Connecticut
Health Center
Farmington, Connecticut 06032**

Applications from women and members of minority groups are welcomed.

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Assistant/Associate Professor with natural sciences background to participate in the development of an interdepartmental graduate program in land resources planning for students in landscape architecture, urban and regional planning, and geography. Should have ability in, and specific interest in, relating natural systems to land resource planning problems. Teaching and course development in natural systems, impact assessment position beginning fall 1974, salary open. **Robert B. Riley, Head, Department of Landscape Architecture, Room 205, Mumford Hall, University of Illinois at Urbana-Champaign, Urbana, Illinois 61801.** *The University of Illinois is an affirmative action—equal opportunity employer and encourages applications from members of minority groups and women.*

EPIDEMIOLOGIST

Seek recent M.D., Ph.D., or equivalent degree for assistant professor opening in School of Public Health in California. Prefer research and teaching experience in behavioral, social, occupational, and/or environmental determinants of disease distributions. Salary negotiable. *The School is committed to a strong affirmative action hiring policy.* Submit curriculum vitae and publications by 15 March 1974 to **Box 84, SCIENCE.**

EXPERIMENTAL PSYCHOLOGIST— RESEARCH ASSOCIATE

Ph.D. 1 June or about. Salary competitive. Acquaintance with operant conditioning and laboratory procedures with animals will be helpful. Responsibilities: manage a substantial laboratory; conduct sponsored research; conduct own research. Equipment and personnel support for original research available. Interested persons should request particulars from **Dr. F. C. Clark, Department of Psychology, University of Mississippi, University, Miss. 38677.**

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FACULTY POSITION

Assistant Professor, Oral Biology Section, School of Dentistry and Microbiology, and Immunology Department, School of Medicine, commencing 1 July 1974. Participate in teaching dental, medical, and graduate students microbiology and immunology and oral biology. Expertise is required in virology. Must have research experience in the area of viral and/or ulcerative diseases of the oral cavity.

Women and minority candidates are encouraged to apply.

Applicants should submit a curriculum vitae (including publication list), a summary of any teaching and postdoctoral experience, a statement of short- and long-range research plans, and the names of three persons qualified to assess the candidate's research and teaching potential.

To ensure consideration, the application and accompanying documentation should be received by either the **Chairman, Oral Biology Section, School of Dentistry, or the Chairman of the Department of Microbiology and Immunology, School of Medicine, Center for the Health Sciences, University of California, Los Angeles, Calif. 90024,** by 28 February.

FACULTY POSITION

Assistant, Professor, Ph.D., 1 September 1974. Primarily teaching but research encouraged. Courses in vertebrate (mammalian) anatomy and physiology, endocrinology and general biology. Undergraduate research. Competitive salary. Send curriculum vitae, representative publication(s) and names of three references to **Dr. Donald Procaccini, Chairman, Department of Biology, Emmanuel College, Boston, Mass. 02115.**

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POSITIONS OPEN

FACULTY POSITION IN BIOLOGY

Retirement of a senior member will create a vacancy for September 1974. Applicants at any level will be considered. Priority will be given to senior applicants who are interested in teaching a modern undergraduate course in anatomy or histology, as well as sharing graduate courses and directing graduate students. Research should complement that of the existing faculty in cell and developmental biology, neurobiology, or physiology. For further information, please write to **S. T. Takats, Chairman, Department of Biology, Temple University, Philadelphia, Pa. 19122**, or send curriculum vitae and names of references directly.

An Equal Opportunity and Affirmative Action Employer

INSECT TOXICOLOGIST

Academic appointment to begin in August 1974. Ph.D. with experience beyond postdoctoral level. Salary commensurate with rank and previous accomplishment. Position entails shared teaching of insect toxicology and control; research involved with subcellular level studies of the mechanism of action of insecticides and/or other compounds implicated in control. *The University of Illinois is an Affirmative Action-Equal Opportunity Employer and encourages applications from members of minority groups and women.* Send information to **Dr. S. Friedman, Department of Entomology, University of Illinois, 320 Morrill Hall, Urbana, Illinois 61801**.

INSTRUCTOR

Position available in the Department of Surgery, University of Michigan Medical School. Candidate must have completed 2 years of General Surgery and 4 years of Neurosurgery training. Send résumé to

Box 85, SCIENCE

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MARINE ECOLOGIST

Research interests in theoretical, systems, or zooplankton ecology with emphasis on estuarine and coastal waters. Will play a principal role in the undergraduate Marine Science Program and develop a graduate program within the Department of Biology. Position available for the fall of 1974, at the assistant professor level. Send curriculum vitae and three letters of recommendation by 1 April 1974 to **Dr. Björn Kjerfve, Chairman Marine Science Search Committee, Department of Geology and Marine Science Program, University of South Carolina, Columbia, South Carolina 29208**.

The University of South Carolina is an equal opportunity/affirmative action employer

MARINE SCIENCE

The Marine Science Institute of the University of Texas-Austin invites applications for two faculty positions from research-oriented people with an interest in teaching. One position is in the area of Seagrass Biology. The second opening is in the area of Coastal Zooplankton. Both positions are at the assistant professor level and require a Ph.D. with postdoctoral or equivalent experience desirable.

Requests for further information and applications with curriculum vitae and letters of recommendation should be addressed to **P. L. Parker, Director, The University of Texas Marine Science Institute, Port Aransas, Texas 78373**.

The University of Texas is an equal opportunity/affirmative action employer.

MICROBIOLOGIST-GENETICIST. An opening for the academic year 1974-75 is available replacing a person on leave. The incumbent will teach microbiology the first semester, genetics the second semester, and help one semester in our introductory program. The position will be filled at the assistant professor level by a person with a Ph.D. *Oberlin College is an equal opportunity/affirmative action employer.* Have three professional persons write us, and send résumé and transcript to **Chairman, Department of Biology, Oberlin College, Oberlin, Ohio 44074**.

CHAIR OF PATHOLOGY

Medical college and large teaching hospital in major medical center is considering applications for the chair of pathology. *Rush-Presbyterian-St. Luke's Medical Center is an equal opportunity/affirmative action employer.* For further information please contact **Dr. Friederick Deinhardt, Chairman of the Search Committee, Department of Microbiology, Rush-Presbyterian-St. Luke's Medical Center, Chicago, Illinois 60612**.

FACULTY POSITIONS—PATHOLOGY UNIVERSITY OF CALIFORNIA, SAN DIEGO

1) **ASSISTANT PROFESSOR:** Pathologist specializing in endocrinology and steroid chemistry. Teaching to include pathology and pathogenesis of endocrine diseases and metabolic consequences. Service responsibility for steroid and hormone laboratory.

2) **ASSISTANT PROFESSOR:** Pathologist with background in biochemical oncology.

3) **ASSISTANT PROFESSORS (two):** Background in diagnostic anatomical pathology with service responsibilities on autopsy or surgical pathology service at University Hospital. Electron microscopy laboratory available.

4) **ASSISTANT OR FULL PROFESSOR (In Residence):** Senior pathologist, Board certified in anatomical and clinical pathology, specializing in clinical pathology. To serve as Chief of Laboratory Service, San Diego Veterans Administration Hospital.

Please send curriculum vitae and list of publications to **Averill A. Liebow, M.D., Chairman, Department of Pathology, University of California, San Diego, La Jolla, California 92037**.

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PHYSICAL BIOCHEMIST

Immediate Postdoctoral Opening: Research to involve application of modern liquid chromatography to preparative and analytical fractionation of proteins. Experience in chromatographic separation of proteins required. Send résumé to: **Professor B. L. Karger, Department of Chemistry, Northeastern University, Boston, Mass. 02115**.

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DEPARTMENT OF PHYSICS UNIVERSITY OF WASHINGTON

Two regular faculty positions, preferably assistant professors. Seeking physicists with high teaching capabilities, deep understanding of current problems, and proven research records primarily in (i) elementary particle experimental physics with bubble or streamer chambers, (ii) experimental laser physics, preferably laser spectroscopy, and (iii) solid-state theory. Two or more years of postdoctoral experience desirable. *Welcome applications from all qualified candidates, but minorities and women are especially encouraged.* Send résumé, bibliography, and names of at least three references to: **Dr. E. M. Henley, Chairman, Department of Physics, BJ-10, University of Washington, Seattle, Wash. 98195**.

RESEARCH ASSOCIATE

We currently have an excellent opportunity in our Biochemical Pharmacology Department for a B.S./M.S. with formal experience or lab training in immunology, serology, or biochemistry.

Duties will include performing routine in vivo immunologic testing in the anti-inflammatory program as well as the supervision of supporting personnel.

Salary will be commensurate with experience plus an outstanding benefits package. Qualified applicants should forward a curriculum vitae with salary requirements to **J. E. Allen, Squibb Institute for Medical Research, P.O. Box 4000, Princeton, N.J. 08540**.

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► **PROJECT MANAGER:** Dynamic and creative scientist required to plan and direct studies of mammary and prostatic carcinogenesis by a unit of 3 professional and 10 support personnel. Candidate should have Ph.D. and at least 3 years' subsequent research experience in biochemistry, endocrinology and chemical carcinogenesis. Must be knowledgeable in the endocrinology of the mammary gland and prostate as target organs.

► **STEROID BIOCHEMIST:** Should have Ph.D. and 0-3 years' subsequent experience in the study of the metabolism and mechanism of action of estrogens and/or androgens. Preference will be given to candidates with experience in target organ metabolism of these hormones and its relation to carcinogenesis.

► **PROTEIN HORMONE BIOCHEMIST:** Should have Ph.D. and 0-3 years' subsequent experience in studies of protein hormone synthesis and mechanism of action. Preference will be given to candidates with experience in carcinogenesis.

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For information write: The Executive Secretary, Grants Associates Program.

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PLANT ECOLOGIST

With capabilities in plant physiology and desire to participate in introductory biology course. Assistant-Associate Professor at Urban University. Undergraduate-graduate (M.S.) teaching and research. Appointment effective 1 September 1974. Send curriculum vitae to: **Chairman, Department of Biology, Roosevelt University, 430 South Michigan Ave., Chicago, Illinois 60605.** An equal opportunity employer.

FACULTY POSITION IN PLANT PATHOLOGY

The Department of Botany and Plant Pathology at Oregon State University is accepting applications for a position in plant pathology, the appointment to be effective 1 July or 15 September 1974. Major responsibility will be basic and applied research on diseases of vegetable crops in Oregon. Assignment also will include participation in the teaching of a general course in Plant Pathology and teaching of a graduate course in the field of specialization. The appointment will be on a 12-month basis and at the rank of Assistant Professor. A Ph.D. degree is required, and preference will be given applicants who have recently completed the degree and who have also some research and teaching experience. Salary will be dependent upon qualifications and experience.

Oregon State University subscribes to a policy of active recruitment of women and ethnic minority persons and invites all interested and qualified persons to apply. Applications and inquiries should be addressed to: **Dr. Thomas C. Moore, Chairman, Department of Botany and Plant Pathology, Oregon State University, Corvallis, Ore. 97331.** Applications should include a curriculum vitae, reprints of research papers, transcripts of academic records, three letters of recommendation, and any other information considered pertinent by the applicant.

POSTDOCTORAL POSITION

Biochemist. Development and evaluation of radioimmunoassay procedures. Begins immediately. Apply with résumé and references to:

Dr. Larry J. Loeffler
Division of Medicinal Chemistry
School of Pharmacy
University of North Carolina
Chapel Hill, N.C. 27514

FACULTY POSITION IN PLANT PHYSIOLOGY

The Department of Botany and Plant Pathology at Oregon State University is accepting applications for a position in plant physiology, the appointment to be effective 15 September 1974. Duties will include teaching undergraduate courses in plant physiology and general botany or general biology, teaching a graduate course in the field of specialization, and development of a strong research program. Preference likely will be given applicants whose research interests do not precisely duplicate those of other faculty members in the department. Appointment will be on a 9-month basis and at the rank of assistant professor. A Ph.D. degree is required, and preference will be given applicants who have recently completed the degree and who have also some research and teaching experience. Salary will be dependent upon qualifications and experience.

Oregon State University subscribes to a policy of active recruitment of women and ethnic minority persons and invites all interested and qualified persons to apply. Applications and inquiries should be addressed to: **Dr. Thomas C. Moore, Chairman, Department of Botany and Plant Pathology, Oregon State University, Corvallis, Ore. 97331.** Applications should include a curriculum vitae, reprints of research papers, transcripts of academic records, three letters of recommendation, and any other information considered pertinent by the applicant.

RESEARCH ASSOCIATE

M.S. or Ph.D. in plant physiology-biochemistry preferred, to work in Crop Physiology Laboratory on plant growth regulation and photosynthesis related projects primarily with soybeans. Applicants should have knowledge of laboratory instrumentation and techniques and be amenable to both laboratory and field research.

Requests for further information, applications, and letters of recommendation should be directed to **Dr. Ricks H. Plueneke, Agronomy Department, Box 5248, Mississippi State University, State College, Mississippi 39762.**

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TISSUE CULTURE TECHNOLOGIST

Opening in a Chicago suburb hospital for an individual with training and/or experience in tissue culture and immunological techniques to work as a technologist in Cancer Research Laboratory. Biochemical background desirable, but not essential. Excellent salary and benefits package. Please send résumé, in confidence, to

BOX 47, SCIENCE

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RESEARCH SCIENTIST IMMUNOCHEMIST



The Ames Company Division of Miles Laboratories, Inc., a leading manufacturer of clinical laboratory reagents, offers an excellent opportunity for an Immunochemist in its Research Laboratory.

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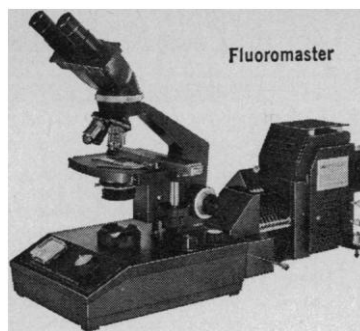
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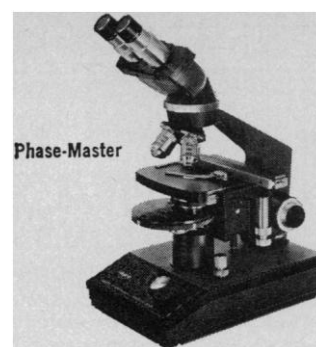


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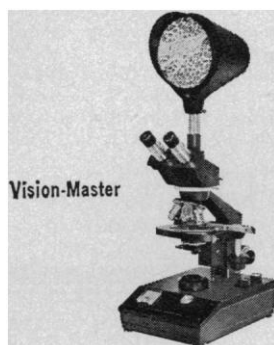
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For further details and conditions of service, write to:

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2) **Microbial Physiologist:** Ph.D. in biology or chemistry. Prefer individual with a strong background in biochemistry who could offer interdisciplinary courses within the chemistry, biology, psychology, and nursing programs.

We are looking for people who are committed to quality teaching, maintaining reasonable research efforts, who are not afraid to explore cooperative programs with industry and adjacent institutions, and can prove it. Send letter of inquiry containing your qualifications or abbreviated curriculum vitae along with reprints of major publications to:

Dr. R. C. Trost
Behavioral Biology Laboratory
Bloomfield College
Bloomfield, New Jersey 07003

FACULTY POSITION—TUMOR BIOLOGY

Applications are invited for an assistant professorship in the field of tumor biology, to begin fall 1974. We are looking for an individual with a strong background of training and competence at cellular and molecular levels, and who has a vigorous and productive research program. The successful candidate will participate in our tumor biology courses at undergraduate and graduate levels. Other teaching duties in the department will be determined according to the background and interests of the individual. Nominations and applications for this position are invited. Applicants should include curriculum vitae, list of publications, and names and addresses of at least three references. Please include also a brief statement (not to exceed two pages) of teaching and research accomplishments and objectives. All qualified individuals are encouraged to respond. We are interested in and committed to a program of affirmative action at departmental and university levels. Address applications to: **Search Committee—Tumor Biology, Department of Zoology, University of California, Berkeley, California 94720.**

VICE PRESIDENT FOR HEALTH AFFAIRS

A large eastern university announces the vacancy of the position of vice president for health affairs, the principle university officer responsible for educational and service programs in the Schools of Medicine, Dental Medicine, Veterinary Medicine, Nursing and allied medical professions and the two university-owned hospitals. Letters in inquiry, applications and nominations should be accompanied by a curriculum vitae.

Box 86, SCIENCE

UNIVERSITY OF BRITISH COLUMBIA DEPARTMENT OF ZOOLOGY

Applications are invited from Ph.D.'s with demonstrated ability in effective teaching of first-year biology; competence in any field of research. One, possibly two, assistant professors. Must be capable of making a positive contribution to teaching large class in introductory biology and to graduate program. Salary range \$10,000 to \$15,000. Apply to: **Head, Department of Zoology, University of British Columbia, Vancouver, B.C. V6T 1W5.** Appointment effective 1 July 1974, or by negotiation. Closing date: when position filled.

FELLOWSHIPS

TWO POSTDOCTORAL RESEARCH FELLOWSHIPS

Both are 2-year positions at \$10,000 per year. (i) Plant physiologist or biochemist to study plant molecular relationships with temperature and/or drought stress. (ii) Plant ecophysiology to study net assimilation, water relations and/or microclimatology. Send résumé and three references to **G. N. Brown (i) or T. M. Hinckley (ii), School of Forestry, Fisheries & Wildlife, University of Missouri, Columbia, Mo. 65201.**

PREDOCTORAL FELLOWSHIPS IN TOXICOLOGY at the University of Rochester School of Medicine and Dentistry. The toxicology Ph.D. training program seeks students with a strong undergraduate background in a science and with a commitment to scientific research. Toxicologists investigate the actions of poisons and create the scientific basis for the detection, evaluation and control of toxic agents. Graduate students in this program are involved in advance research on a broad range of problems including fluoride toxicity, heavy metal toxicity, inhalation toxicity and behavioral toxicology. Accepted applicants will be offered tuition fellowships and may apply for fellowship stipends. Application forms and program outlines will be mailed on request by **Dr. T. W. Clarkson, Director, Toxicology Training Program, University of Rochester Medical Center, Rochester, N.Y. 14642.**

AMERICAN PHYSICAL SOCIETY SCIENTIST FELLOW PROGRAM

The American Physical Society announced the continuation of its Congressional Science Fellowship Program for 1974-75. The program will operate in conjunction with a similar program of the American Association for the Advancement of Science. Funds are available for two APS fellows this year. Applicants should submit a résumé and three letters of reference from people who know the candidate well enough to write about his or her competence as a physicist and also about the individual's relevant education and experience which would make the candidate particularly qualified to spend 1 year in the office of a Congressman, Senator or Congressional committee.

Applications should be sent to **Dr. Sidney Milman, Director, Special Projects, American Physical Society, 335 East 45 Street, New York, N.Y. 10017.** Materials should be received by 1 April.

TWO POSTDOCTORAL FELLOWSHIPS

1) On transduction and topology of membrane proteins in photoreceptors.

2) On collagen fiber structure-function relationships with glycosaminoglycans. Backgrounds in chemistry and/or E.M. desirable.

Send curriculum vitae and references to **D. S. Kirkpatrick, Ph.D., Department of Ophthalmology, Baylor College of Medicine, 1200 Moursund, Houston, Texas 77025.**

COURSES

SURVEY COURSE IN IMMUNOLOGY

The American Association of Immunologists sponsors a survey course in immunology to be held at Woods Hole Marine Biological Laboratory from 18 August through 30 August 1974.

Intended primarily for university or college instructors, the attendance is limited to 50 who will be selected on a competitive basis. Applicants should submit, in quadruplicate, a curriculum vitae, description of current research and teaching activities, background in immunology, and reasons for wishing to attend. Registration will be \$100 and per diem costs for dormitory type accommodations are approximately \$10. A limited number of scholarships is available. Apply by 15 April to **Elmer L. Becker, M.D., Department of Pathology, University of Connecticut Health Center, Farmington, Connecticut 06032.**

BERMUDA BIOLOGICAL STATION

SUMMER COURSES

For graduate and advanced undergraduates, in **Tropical Marine Ecology**, 10 June (Dr. Robert D. Barnes), **Embryology and Larval Development**, 8 July (Dr. H. Eugene Lehman), and **Environments of Carbonate Deposition**, 5 August (Dr. Conrad Gebelein). For application blanks for admission and scholarships, write airmail to the **Director, Bermuda Biological Station, St. George's West, Bermuda.**

MARINE SCIENCE

DUKE UNIVERSITY MARINE LABORATORY Summer Courses—Graduate/Advanced Undergraduate. 17 June: Ecology, Comparative Biochemistry, Invertebrate Embryology, Microbiology, Physiological Ecology, Comparative Behavior, Chemical Oceanography. 18 July: Membrane Physiology, Invertebrate Zoology, Biological Oceanography, Marine Phycology, Geological Oceanography. Write: **Director, Duke University Marine Laboratory, Beaufort, North Carolina 28516.**

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