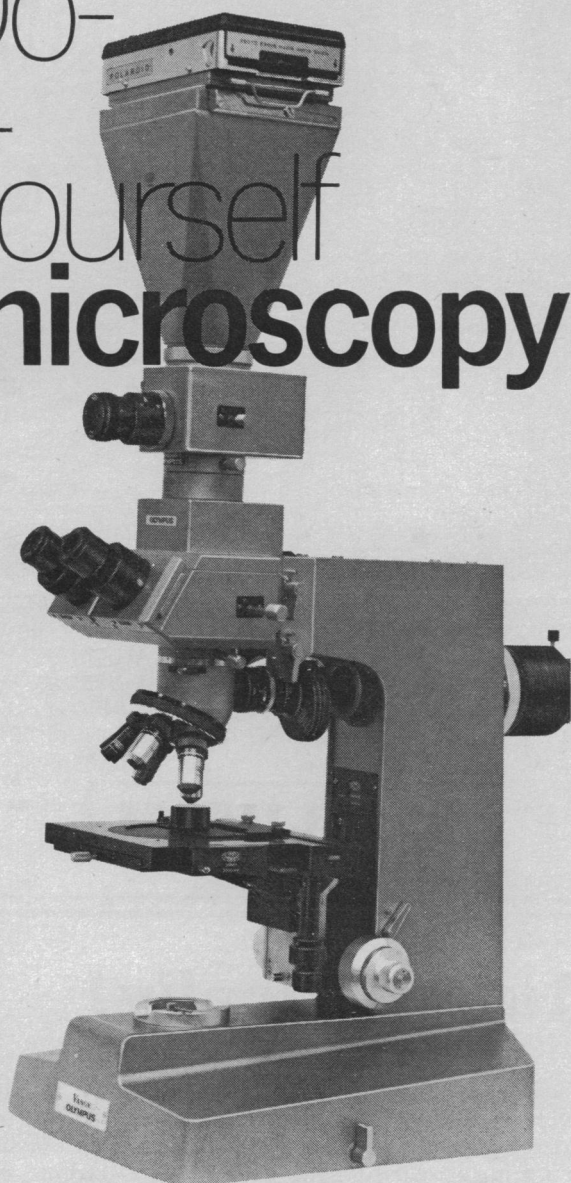


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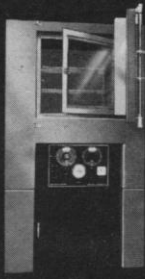
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1. D. Gillespie, S. Marshall, and R.C. Gallo, *Nature*, **236**, 227 (1972).
2. J. Schlom, D. Colcher, S. Spiegelman, S. Gillespie and D. Gillespie, *Science*, **179**, 697 (1973).


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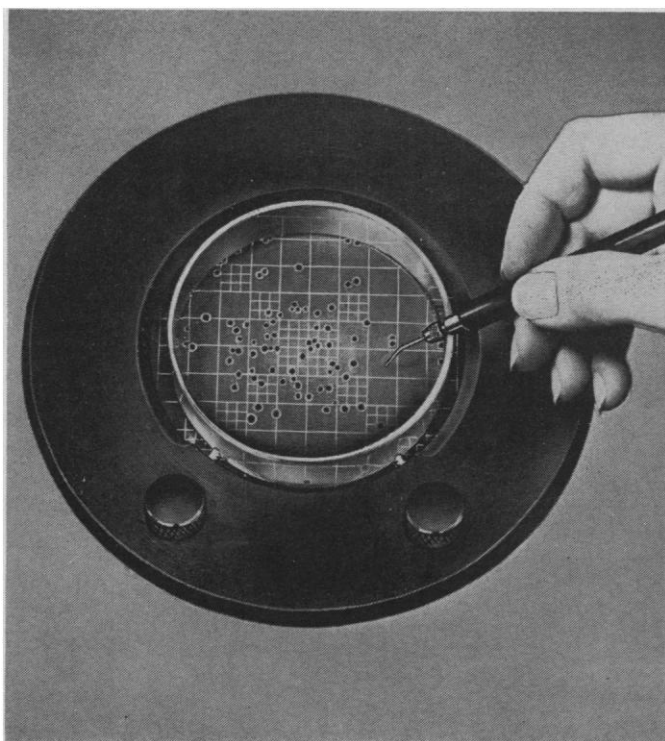
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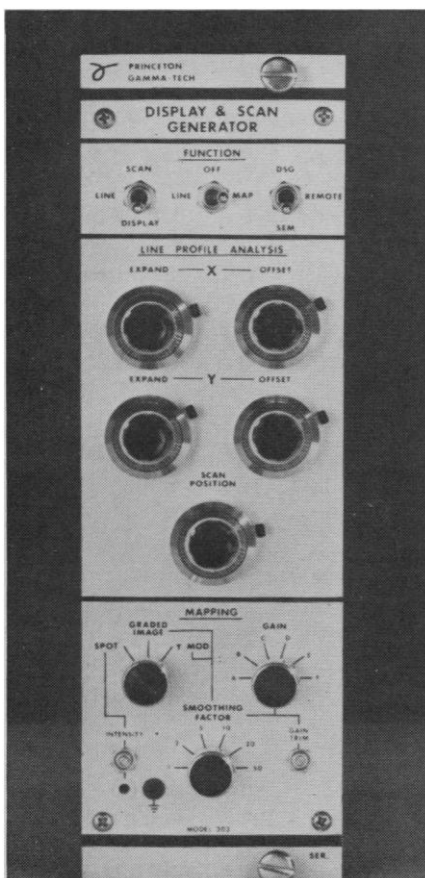


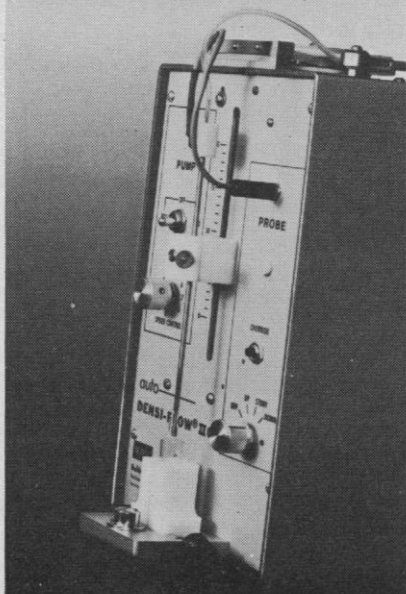
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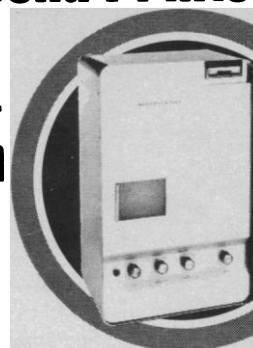
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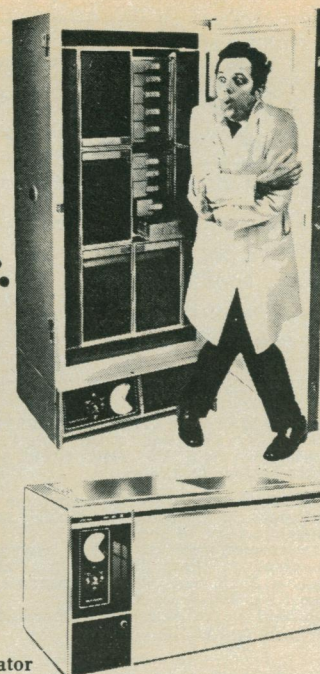
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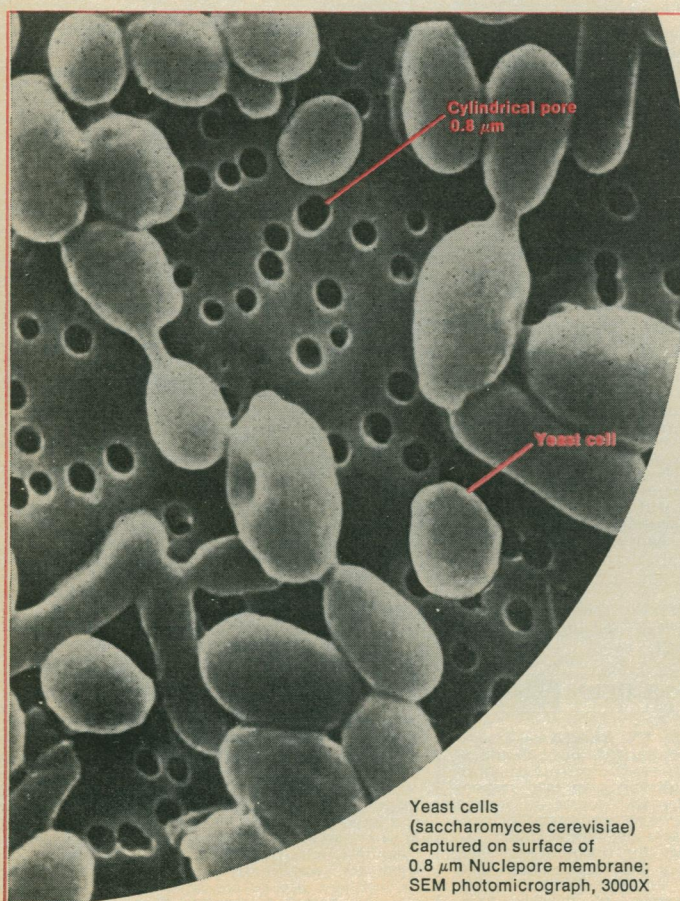
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Nominations and applications are invited for the position of Dean of the College of Medical Arts, which is composed of three departments: Nursing, Dental Hygiene, and Speech Pathology and Audiology. Candidates must have an earned doctorate and substantial experience in higher education. Starting salary range \$21,000 to \$23,000 dependent upon qualifications and experience. Position available 1 July 1974; application deadline, 15 March. Address nominations and applications to **Charles H. Kegel, Academic Vice President, Idaho State University, Pocatello, Idaho 83209.**

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POSITIONS OPEN

CARDIOVASCULAR PHYSIOLOGIST

Applications are invited from persons holding Ph.D. and/or M.D. degrees for a position as cardiovascular physiologist at the Assistant Professor level for fall 1974. Duties include participation in teaching physiology to undergraduates and to medical students; and cardiovascular physiology in integrated medical science courses. Postdoctoral research program and publications are essential. Send curriculum vitae, reprints, and three letters of reference by 1 April 1974 to **Dr. Morris L. Povar, Section of Physiology and Biophysics, BioMedical Sciences Division, Brown University, Providence, Rhode Island 02912.** *Brown University is an affirmative action/ equal opportunity employer.*

UNIVERSITY OF CALIFORNIA, IRVINE DEPARTMENT OF DEVELOPMENTAL AND CELL BIOLOGY

The Department of Developmental and Cell Biology in the School of Biological Sciences has three new faculty positions it wishes to fill. The department is multidisciplinary with 18 faculty in developmental, cell, and physiological biology.

Physiologist: A person to offer an undergraduate course in comparative physiology and to develop a program of graduate teaching and research. Special attention given to candidates in area of regulatory biology, such as, membrane transport, osmotic or ionic regulation, or biochemical adaptation.

Somatic Cell Geneticist: Genetics of cultured cells with interest in cell differentiation, regulatory mechanisms, or cell fusion; graduate and undergraduate teaching responsibilities in the general area of genetics and cell biology.

Electron Microscopist: A person who applies experimental and ultrastructural approaches to problems of cell or developmental biology in plants and/or animals; teaching at both undergraduate and graduate levels.

Applications from all qualified candidates are welcome; minorities and women are encouraged to apply.

Submit curricula vitae and the names of three references to:

**Michael W. Berns
Department of Developmental and Cell Biology
School of Biological Sciences
University of California
Irvine, California 92664**

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POSITIONS OPEN

DEAN, SCHOOL OF NATURAL RESOURCES THE UNIVERSITY OF MICHIGAN

The School of Natural Resources of The University of Michigan is seeking candidates for the position of Dean. Individuals with strong scholarly ability and potential for effective administrative leadership are desired.

Applications and nominations should be directed in writing, by 15 March, to Professor Richard N. L. Andrews, Search Chairman, School of Natural Resources, The University of Michigan, Ann Arbor, Michigan 48104.

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DEPARTMENT OF ENGINEERING SCIENCE at State University of New York at Buffalo seeks for faculty position an **engineering scientist** with current interest in one or more of the following areas: geophysical mechanics, energy, bioengineering, and experimental solid mechanics. Rank open. Possible joint appointment with Mathematics, Electrical Engineering, Civil Engineering, or Geology. Respond and send résumé to **Dr. I. H. Shames, Chairman, Department of Engineering Science, State University of New York at Buffalo, Buffalo, N.Y. 14214. SUNY/ Buffalo is an Equal Opportunity/Affirmative Action Employer.**

IMMUNOLOGIST, Ph.D.

To join privately endowed hospital-based team of researchers (virologists, biochemists, electron microscopist, oncologists, and radiation therapists) in full-time cancer research. Applied basic research. Unusual set-up. Ability to write grant proposals an asset. Send your curriculum vitae to: **M. Gokcen, M.D., Ph.D., 4141 Golden Valley Road, Minneapolis, Minnesota 55422.**

INFORMATION SCIENTIST

B.S. or M.S. degree in plant sciences, agronomy, or related sciences plus at least 3 years' experience in the information science field are required for position in technical information center of medium-sized chemical firm. Responsibilities include indexing internally generated field trial reports for both our central manual files and the soon-to-be-created computer retrieval system, and carrying out retrospective searches.

Familiarity with taxonomy and nomenclature of plants is desirable. Computer exposure is advantageous.

Send résumé with salary requirements to: **Box 123, SCIENCE.**

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MARINE INVERTEBRATE ECOLOGIST

Assistant Professorship available September 1974 in Zoology Department, Research area must concern ecology of marine littoral communities. Postdoctoral research and some teaching experience desirable. Develop and teach intertidal ecology, teach invertebrate zoology and (shared) introductory zoology, and direct graduate students and participate actively in research. *OSU is an affirmative action employer.* Send résumé and names of referees by 15 April to: **Dr. C. J. Bayne, Chairman, Search Committee, Department of Zoology, Oregon State University, Corvallis, Oregon 97331.**

OCEANOGRAPHER

Applications are invited for two faculty positions at the assistant professor or associate professor level for graduate teaching and research in oceanography beginning in September 1974. Preference will be given for specialization in quantitative aspects of geological oceanography, animal-sediment relationships, and fisheries oceanography. Please send résumés, reprints of publications, and names of references by 1 April to **Search Committee Chairman, Department of Oceanography, Florida State University, Tallahassee, Fla. 32306.**

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PHYSIOLOGICAL AND DEVELOPMENTAL BOTANY POSITIONS

Two assistant professorships are available September 1974. Applications are sought for (i) a **plant physiologist or biochemist**, and (ii) a **developmental botanist or experimental pangenologist**. Expertise in electron microscopy is desired, but not required for the second position. Candidates should have demonstrated research competence, and an active interest in teaching. Applications containing curriculum vitae, an outline of their research program, reprints, and three letters of recommendation should be sent to **Dr. D. A. Levin, Department of Botany, University of Texas, Austin, Texas 78712. The University of Texas is an equal opportunity employer.**

MOLECULAR BIOLOGIST

Assistant Professor, with background in prokaryotic molecular genetics and/or virology. Expected to teach prokaryotic molecular genetics at the undergraduate level, and participate in core course at the graduate level. Active research program mandatory. Position begins September 1974. Send résumé and three letters of reference by 1 April to **Dr. N. Strauss, Department of Biology, State University of New York at Buffalo, Buffalo, New York 14214. The University is an Equal Opportunity Employer/Affirmative Action Employer.**

PATHOLOGIST. Applications are sought for pathologist at the instructor or assistant professor level with interest in medical education and/or experimental pathology. Responsibilities will include participation in anatomic pathology services, teaching of medical and graduate students and development of research programs. Send curriculum vitae and references to: **Dr. Roger D. Smith, Director, Department of Pathology, University of Cincinnati College of Medicine, Cincinnati, Ohio 45229. An Equal Opportunity Employer with an Affirmative Action Program.**

PLANT PHYSIOLOGIST

Intermediate or advanced Assistant Professor level for September 1974. Ph.D. Demonstrated research performance and teaching performance. Background in biophysics or biochemistry, preferably in membrane research. Full job description available on request. Applicants should send curriculum vitae, three letters of recommendation, and transcripts by 15 April 1974, to: **Chairman, Department of Botany, Washington State University, Pullman, Washington, 99163. An Equal Opportunity/Affirmative Action Employer.** Minority and/or women candidates are encouraged to identify themselves.

PLANT POPULATION GENETICIST—BIO-STATISTICIAN ASSISTANT PROFESSORSHIP—available for September 1974. Undergraduate and graduate level teaching in population genetics and biostatistics and participation in a team-taught introductory biology course. Opportunity to conduct research and direct students in a plant science doctoral program. Salary up to \$17,000. Send résumé and references by 31 March to **Dr. C. R. Jones, Chairman, Department of Biological Sciences, Herbert H. Lehman College of the City University of New York, Bronx, New York 10468.**

The Physics Department at New York University anticipates a faculty opening at assistant or associate professor level in area of experimental or theoretical solid state physics. We are interested, for example, in the following areas: low-temperature physics, magnetism, phase transitions, superconductivity, disordered materials. Candidates should send résumé and references to **Search Committee, Department of Physics, 4 Washington Place, New York, N.Y. 10003. N.Y.U. is an equal opportunity employer with an affirmative action program.**

POSITIONS IN PHYSICS

University of Pittsburgh at Johnstown announces two faculty positions in a 2-year physics program. Academic year is 8 months; start 1 September 1974. (i) Ph.D.; teach introductory courses to natural science and engineering tech majors. Candidates with teaching experience and broad-based interests in natural science preferred. Background in practical electronics helpful. Application deadline is 31 March 1974. (ii) B.S. or M.S.; design and teach introductory physics labs. Appointment at assistant instructor rank; 12-hour teaching load per term. Send résumés to **Dr. John S. Zetts, Department of Physics, University of Pittsburgh at Johnstown, Johnstown, Pa. 15904. UPI is an Equal Opportunity/Affirmative Action Employer.**

POSTDOCTORAL IN NEUROPHARMACOLOGY

Electrophysiological studies of narcotic agonists. Experience with spinal cord preparations desirable. Send résumé to

**Dr. J. Goldfarb
Department of Pharmacology
Mount Sinai School of Medicine
Fifth Ave. and 100th Street
New York, New York 10029**

VICE PRESIDENT FOR THE HEALTH SCIENCES

Additional applications and nominations are sought to assure the widest search for candidates for the position of Vice President for the Health Sciences, Health Sciences Center, State University of New York at Stony Brook. Qualifications include evidence of a distinguished record in the health sciences and in academic or biomedical administration. Letters of application, nomination, or inquiry should be accompanied by a curriculum vitae, and may be submitted on or before 1 April 1974, to **Dr. Arthur C. Upton, Dean, School of Basic Health Sciences, Health Sciences Center, State University of New York at Stony Brook, Stony Brook, New York, 11790. Full consideration will be given to all qualified candidates in accordance with the University's Affirmative Action Program.**

POSITIONS OPEN

POSITION IN MICROBIOLOGY

University of Pittsburgh at Johnstown announces faculty position in microbiology at rank of Assistant Professor, Ph.D. required; chief responsibilities include undergraduate teaching and course development in environmental studies and teaching special courses in anatomy and physiology to nurses. Academic year is 8 months; start 1 September 1974. Send résumés to **Edward A. Vizzini, Chairman, Natural Sciences Division, University of Pittsburgh at Johnstown, Pa. 15904. UPI is an Equal Opportunity/Affirmative Action Employer.**

TOXICOLOGIST PHARMACEUTICAL

Excellent opportunity to supervise staff and laboratory engaged in drug safety evaluation. Requires Ph.D. or DVM with five or more years' experience preferably in pharmaceutical industry. Will design protocols, supervise work, prepare reports, and communicate results to management. Must be able to function effectively as part of top-notch medical research team which is capable of carrying a drug candidate from original conception through to a marketed product.

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FELLOWSHIPS

POSTDOCTORAL FELLOWSHIPS IN NEUROANATOMY

Candidates holding the Ph.D. or M.D. degree will be considered for fellowships in neuroanatomy beginning 1 July 1974. This program provides research training under experienced sponsorship appropriate for an investigative or academic career. For information write: **Malcolm B. Carpenter, M.D., College of Physicians and Surgeons, Columbia University, 630 West 168 Street, New York, N.Y. 10032.**

POSTDOCTORAL FELLOWSHIP

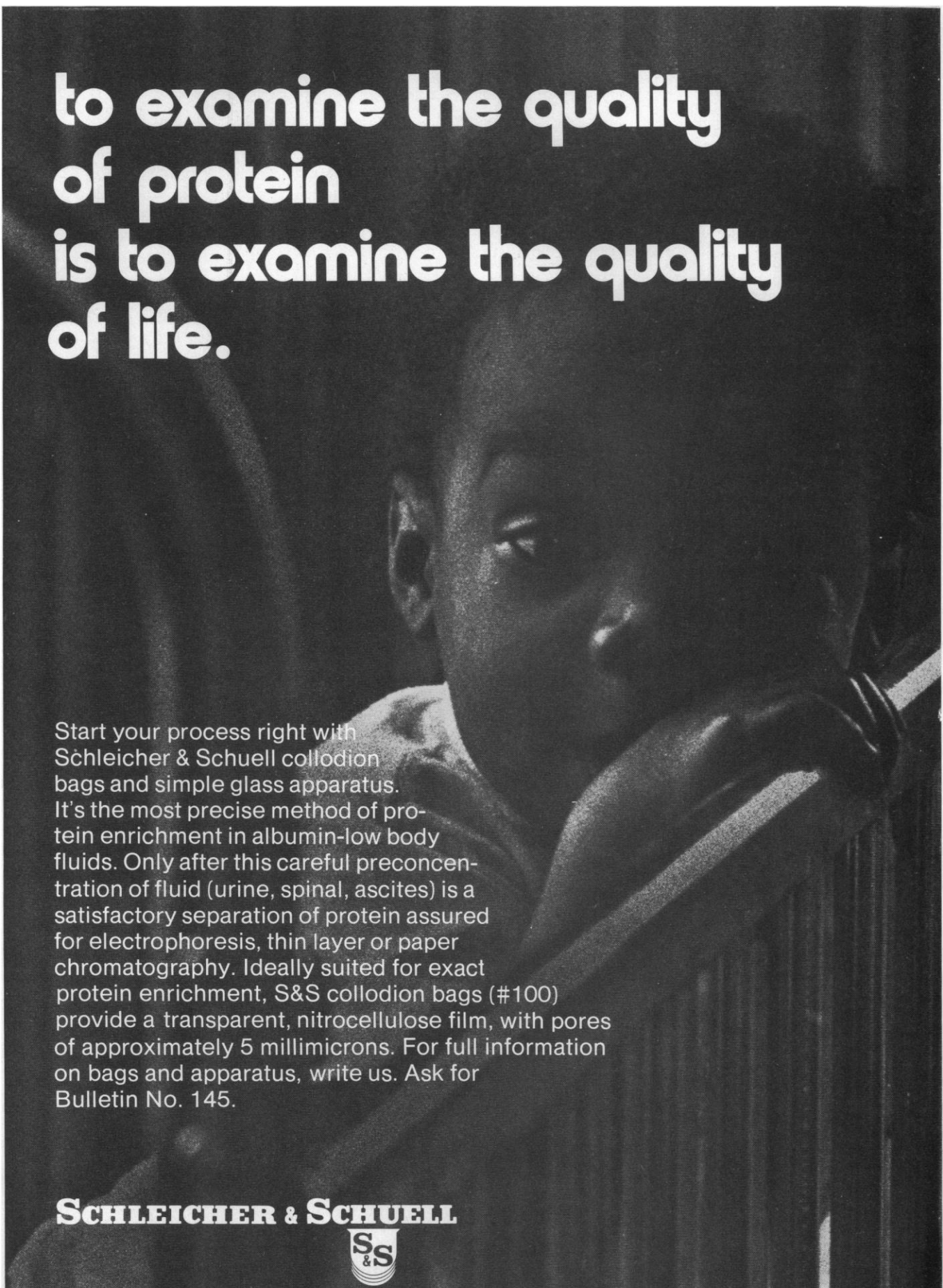
Available July 1974. Candidate should have a primary interest and some experience in organic chemistry and lipid biochemistry (enzymology) to perform work related to membrane-molecular biology of normal and infected cells. Interested persons send curriculum vitae, bibliography and three references to **Box 124, SCIENCE. An equal opportunity/affirmative action employer.**

POSTDOCTORAL FELLOWSHIP: CELLULAR INFECTION—IMMUNITY. Immediate. \$10,000. Experience with lymphoid cells in culture and animals desirable. Send résumé and references to **Dr. J. K. Frenkel, Department of Pathology and Oncology, University of Kansas Medical Center, Kansas City, Kansas 66103. Equal Opportunity Employer.**

SUMMER COURSES

UNIVERSITY OF MIAMI GEOLOGY OF TROPICAL MARINE ENVIRONMENTS 3-30 June 1974

A month-long field course for students of geology, biology, and oceanography; emphasis on interactions of organisms and sediments of shallow tropical seas; 2 weeks of supervised research on coral reefs. Tuition and lab fee—\$550, six credits. For information write **The Comparative Sedimentology Laboratory, University of Miami, Miami Beach, Florida 33139. (305) 672-1840.**



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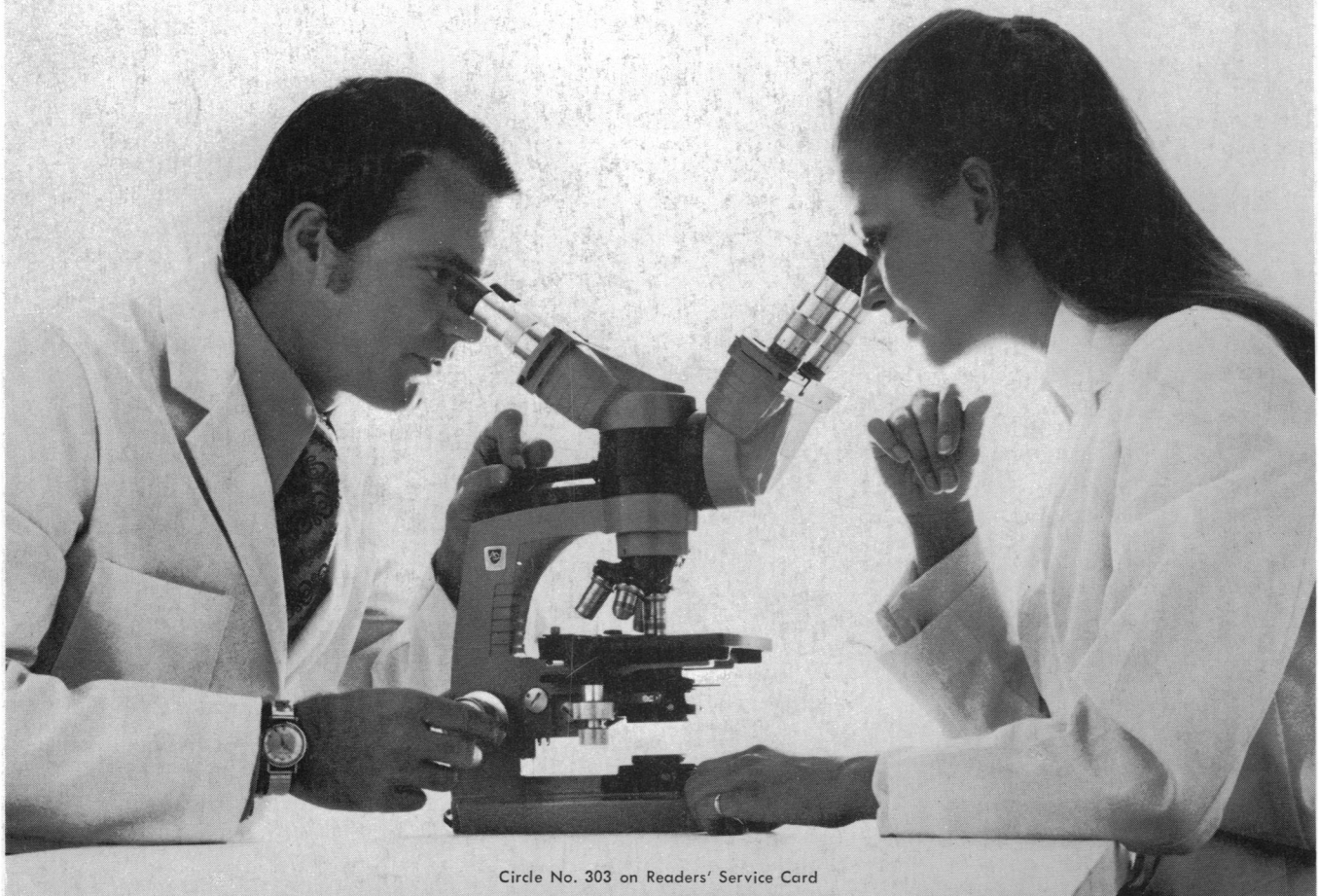
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