

BOOKS RECEIVED

(Continued from page 521)

Culture and Personality. Contemporary Readings. Robert A. Levine, Ed. Aldine, Chicago, 1974. x, 458 pp. Cloth, \$15; paper, \$5.95.

Darwin on Man. A Psychological Study of Scientific Creativity. Howard E. Gruber. Together with Darwin's Early and Unpublished Notebooks transcribed and annotated by Paul H. Barrett. Dutton, New York, 1974. xxviii, 496 pp., illus. \$20.

Defence and Recognition. R. R. Porter, Ed. Butterworths, London, and University Park Press, Baltimore, 1973. xii, 420 pp., illus. \$19.50. Biochemistry Series One, vol. 10.

Electric Power Plants in the Coastal Zone. Environmental Issues. John Clark and Willard Brownell. Striped Bass Fund, Babylon, N.Y., and American Littoral Society, Highlands, N.J., 1973. viii, variously paged, illus. Paper, \$5. American Littoral Society Special Publication No. 7.

Geometry. Harold R. Jacobs. Freeman, San Francisco, 1974. xiv, 702 pp., illus. \$9.

Hormones and Brain Function. Proceedings of a congress, Budapest, Hungary, July 1971. K. Lissak, Ed. Plenum, New York, 1973. 530 pp., illus. \$28.

International Law and National Behavior. A Behavioral Interpretation of Contemporary International Law and Politics. Ahmed Sheikh. Wiley, New York, 1974. xiv, 352 pp. \$11.95.

Metastable Liquids. V. P. Skripov. Translated from the Russian edition (Moscow, 1972) by R. Kondor. D. Slutskii, Transl. Ed. Halsted (Wiley), New York, and Israel Program for Scientific Translations, Jerusalem, 1974. xii, 272 pp., illus. \$30.

Methodological Approaches to the Study of Brain Maturation and Its Abnormalities. Proceedings of a symposium, Bronx, N.Y., May 1971. Dominick P. Purpora, Georgia Perkins Reaser, and Anne H. Rosenfeld, Eds. University Park Press, Baltimore, 1974. xxii, 156 pp., illus. \$12.50. National Institute of Child Health and Human Development-Mental Retardation Research Centers Series.

Methods in Membrane Biology. Vol. 1. Edward D. Korn, Ed. Plenum, New York, 1974. xvi, 278 pp., illus. \$17.50.

Power and Community in World Politics. Bruce M. Russett. Freeman, San Francisco, 1974. xii, 372 pp., illus. Cloth, \$10.95; paper, \$4.95.

The Self-Consistent Field for Molecules and Solids. Quantum Theory of Molecules and Solids. Vol. 4. John C. Slater. McGraw-Hill, New York, 1974. xx, 584 pp., illus. \$20. International Series in Pure and Applied Physics.

Social Problems and Public Policy. Inequality and Justice. Lee Rainwater, Ed. Aldine, Chicago, 1974. x, 456 pp. Cloth, \$15; paper, \$5.75.

Society without the Father. A Contribution to Social Psychology. Alexander Mitscherlich. Translated from the German edition (Munich, 1963) by Eric Mosbach, Aronson, New York, 1973. xxx, 330 pp. \$12.50.

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.

POSITIONS 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.

COPY 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

Biochemist, Ph.D. 1972. Experience in GC/MS, high-pressure chromatography, synthesis-labeled compounds, autoradiography, tissue culture. Publications. Prefer West or South. Box 371, SCIENCE. X

Biochemist/Biophysicist, Ph.D. Experience with nonprofit research and educational institution, industry and government. Publications. Seeks academic, government or industrial position. Box 370, SCIENCE. X

Biochemistry/Genetics, Ph.D. Publications; experience in protein synthesis, cell culture, protein purification/characterization; seeks research, teaching/research position. Box 360, SCIENCE. 8/9

Biological Oceanographer, Ph.D. 1974. Marine zooplankton ecology. Publications and past grant awards. Desires research position. Available 1 October. Box 361, SCIENCE. 8/9

Microbiologist/Biochemist, Ph.D. 1971, woman Postdoctorate, publications, teaching. Desires research/teaching position. Membrane structure, function, biogenesis, enzymology. Eukaryotic, prokaryotic. Box 372, SCIENCE. 8/9, 16

Physicist-Parapsychologist, Ph.D. (physics). Teaching and research experience in physics. Extensive recent physics-oriented work in experimental parapsychology. Wants to teach physics and to establish an interdisciplinary teaching and research program in parapsychology. Box 373, SCIENCE. X

POSITIONS OPEN

ASSISTANT PROFESSOR OF MICROBIOLOGY Ph.D. with one or more years of teaching and research experience. To teach Parasitology, Helminthology, Medical Protozoology, and Medical Parasitology in the Department of Microbiology to undergraduates and graduates in Microbiology and in Zoology. Ability to conduct independent research and direct graduate students. Preference given to applicants with strong interests in Immunology and/or Electron Microscopy. Academic year contract. Salary is negotiable and dependent upon qualifications and experience. Submit curriculum vitae, bibliography, brief outline of current research, transcripts of undergraduate and graduate work, reprints of publications, and five letters of recommendations, preferably from at least two different institutions, to: **M. J. Nakamura, Ph.D., Chairman, Department of Microbiology, University of Montana, Missoula, Montana 59801.** An equal opportunity/affirmative action employer.

POSITIONS OPEN

The University of Montana is seeking an **ASSISTANT PROFESSOR** for a 1-year appointment, open September 1974. Major responsibilities include teaching undergraduate courses in personality, abnormal, and/or social psychology; opportunity for undergraduate or graduate seminars in any of these areas; and/or active direction of undergraduate and graduate research in these areas. Salary is approximately \$11,000 for academic year. Deadline for applications is 3 September 1974. Curriculum vitae and three letters of reference should be sent to **Dr. Herman A. Walters, Personnel Committee, Department of Psychology, University of Montana, Missoula, Montana 59801.** The University of Montana is an Equal Opportunity Employer. Women and minorities are invited to apply.

ASSISTANT PROFESSOR OF ENTOMOLOGY

Assistant Professor with postdoctoral experience in insect physiology, effective 1 April 1975. Undergraduate and graduate teaching, development and direction of a research program in insect physiology and application of some aspects of this field to agricultural or forest entomology. Maximum starting salary \$14,043. Send curriculum vitae and names of three referees by 31 October 1974 to: **Dr. George E. Ball, Chairman, Department of Entomology, 260 Agriculture Building, University of Alberta, Edmonton, Alberta T6G 2E3, Canada.**

ASSISTANT PROFESSOR OF PHYSIOLOGY

Full-time position available September 1974 or January 1975 teaching students of Podiatric Medicine. Possibility for research. Doctorate required. Salary commensurate with qualifications and experience. Send résumé and three letters of reference to **Dr. Harvey J. Stiffler, Director, Division of Basic Sciences, Ohio College of Podiatric Medicine, 2057 Cornell Road, Cleveland, Ohio 44106.** An Equal Opportunity Employer.

ASSOCIATE PROFESSOR OR PROFESSOR OF CHEMISTRY. Physical-inorganic interests, particularly in field of reactions, properties and structure of organometallic compounds. At least 5 years of previous university experience and an outstanding research record are required. Salary commensurate with qualifications and experience. Send biographical outline, including list of publications and names of three or more referees, to **Dr. G. M. Harris, Department of Chemistry, State University of New York at Buffalo, Buffalo, New York 14214.** The State University of New York is an equal opportunity/affirmative action employer.

BIOCHEMIST

Faculty position to interact with a multidisciplinary group in the study of pancreatic and related gastrointestinal problems. Independent responsibility expected. Applicant should have previous experience in purification of proteins and enzyme assays. Salary and title commensurate with background. Publications desirable. Apply to **Dr. William S. Blakemore, Chairman, Department of Surgery, Medical College of Ohio at Toledo, P.O. Box 6190, Toledo, Ohio 43614.**

CHAIRMAN, DEPARTMENT OF FORESTRY

Applications are invited for the leadership of a department of 12 professors, 100 undergraduates and 40 graduate students at the University of Wisconsin-Madison. Evidence of scholarly productivity is required and administrative experience is desirable. Applications should include curriculum vitae and names of at least three references. Direct correspondence to **Donald T. Lester, Department of Forestry, University of Wisconsin-Madison, 1630 Linden Drive, Madison, Wisconsin 53706.** The University of Wisconsin is an equal opportunity employer.

DIRECTOR, MARINE SCIENCE INSTITUTE

Joint faculty appointment between the institute and an established campus teaching department. Experience in the administration and development of scientific research programs essential. The successful applicant will be expected to develop and coordinate research programs in the marine and coastal zone environments. Rank open. Please submit curriculum vitae and three letters of recommendation to: **Henry W. Offen, Associate Dean, Office of Research Development, University of California, Santa Barbara, California 93106.** An Equal Opportunity and Affirmative Action Employer.

Cardiovascular Pharmacologist

We require an individual with a Ph.D. in Pharmacology and two or more years of postdoctoral experience in cardiovascular research, preferably hypertension. Candidates interested in joining an established research effort in the renin-angiotensin system, with eventual supervision of the effort, are sought. Characteristics indicating a high probability of success as a supervisor should be evident.

Our laboratories are located in a small city (population 10,000) in predominantly rural central New York State—an area many find especially appealing. Salary is competitive and benefits are above average.

If interested, send résumé including salary requirements, in confidence, to: Mr. S. P. Spence

NORWICH PHARMACAL COMPANY AND EATON LABORATORIES DIVISION MORTON-NORWICH PRODUCTS INC.

Norwich

New York 13815

An equal opportunity employer, M/F

ASSISTANT RESEARCH BIOCHEMIST

Postdoctoral, experience in mitochondrial bioenergetics, organelles biochemistry, transport, membranes, biological mineralization, isotopic techniques, electron microscopy, electron-probe microanalysis. To study silicon metabolism in diatoms and animals. Send curriculum vitae, publications, and three references by 20 August to **Dr. B. E. Volcani, SIO, University of California, La Jolla, Calif. 92037.**

Affirmative Action/Equal Opportunity Employer

BIOCHEMIST/BIOPHYSICIST

Postdoctoral position available now for 1 to 2 years of research in (i) bacterial or mammalian gene regulation and (ii) protein-biochemical and physical techniques such as fluorescence spectroscopy and fast kinetic methods. Annual salary \$10,000. Excellent laboratory facilities. Send résumé and references to: **Dr. C. W. Wu, Department of Biophysics, Albert Einstein College of Medicine, Bronx, N.Y. 10461.**

EASTERN MICHIGAN UNIVERSITY

Biology faculty of 27 seeks **DEPARTMENT HEAD** with administrative and teaching/research experience. Ph.D. in biology is required. Send curriculum vitae and references to **Biology Department Search Committee, Eastern Michigan University, Ypsilanti, Michigan 48197.** *An equal opportunity/affirmative action employer.*

DEAN OF COLLEGE OF SCIENCE AND TECHNOLOGY

East Texas State University seeks candidates for the position of Dean, College of Science and Technology. Applicants should have successful teaching and administrative experience as well as an earned doctorate in one of the disciplines represented by the college. Letters of application accompanied by a résumé should be mailed to **Dr. Richard C. Meyer, Vice President for Academic Affairs, East Texas State University, Commerce, Texas 75428.** *East Texas State University is an equal opportunity/affirmative action employer.* Applications will be received through 1 October 1974.

MAMMALIAN CELL CULTURES

Biochemist, Microbiologist, Cell Biologist, M.Sc. or Ph.D., experience in cell growth, differentiation, transformation, regulation, biochemistry of mammalian cells, and isotopic techniques. To study silicon metabolism. Send curriculum vitae, publications, and three references by 30 August to **Dr. B. E. Volcani, SIO, University of California, La Jolla, Calif. 92037.**

Affirmative Action/Equal Opportunity Employer

9 AUGUST 1974

BANTING AND BEST DEPARTMENT OF MEDICAL RESEARCH UNIVERSITY OF TORONTO

Applications and nominations are invited for a faculty position at the rank of Associate or Full Professor to start on or prior to 1 July 1975. The applicant's area of research should be related to the molecular aspects of animal cell differentiation. Exceptional junior candidates may also be considered. Salary negotiable and commensurate with rank. Send curriculum vitae to:

Dr. Alan G. Goodridge
Search Committee Chairman
Banting and Best Department of
Medical Research
University of Toronto
112 College Street
Toronto, Ontario M5G 1L6, Canada

PROGRAMME IN THE SCIENCE OF COMMUNITY LIVING

The University of Toronto is looking for a **Director** of a Programme in the Science of Community Living. This programme will be based in the Faculty of Arts and Science and will embrace aspects of household science, food and nutrition, textiles, food chemistry, housing, family life, child study, and many facets of social work and urban living.

Interested candidates should apply for information to **Professor Milton Israel, Vice-Provost, Simcoe Hall, University of Toronto, Toronto M5S 1A1, Canada.**

EXECUTIVE EDITOR PSYCHOLOGICAL ABSTRACTS INFORMATION SERVICE

The American Psychological Association, publisher of *Psychological Abstracts* and related computer services, is seeking an Executive Editor to manage the *Psychological Abstracts* Information Service. The Executive Editor reports directly to the Director of the Office of Communication and is responsible for document selection, abstracting and indexing, and the planning, development, and operation of products and computer services derived from the *Psychological Abstracts* data base.

Qualifications consist of 5 to 10 years of demonstrated experience in the management of an abstracting and indexing service; a minimum of an M.A. in psychology or a related behavioral science; and training or experience in one or more of the following areas: serials indexing, abstracting, classification; text processing; publications production; scientific information transfer. Compensation and benefits for this position are competitive.

Interested applicants are invited to submit a résumé, supporting material, and reference names for consideration to: **Personnel Manager, American Psychological Association, 1200 Seventeenth Street, NW, Washington, D.C. 20036.** *The APA is an Equal Opportunity Employer.*

ASSISTANT PROFESSOR OF PLANT PHYSIOLOGY

The T. H. Morgan School of Biological Sciences of the University of Kentucky invites applications from qualified persons in the area of plant physiology. Qualifications: Ph.D., postdoctoral experience and an interest in developing an active research program; competency in teaching courses at the undergraduate and graduate levels. Send curriculum vitae, a brief description of experience and current interests in teaching and research, and the names of at least three references to **Search Committee, Director's Office, School of Biological Sciences, University of Kentucky, Lexington, Kentucky 40506.** Deadline for receipt of applications, 3 weeks from date of appearance of this notice. *An equal opportunity/affirmative action employer.*

DEAN OF FACULTY, HARVEY MUDD COLLEGE

Harvey Mudd College, a member of The Claremont Colleges, is a private undergraduate college of engineering and science, with an enrollment of about 450 students drawn primarily from the top 2 percent of high school graduates. *Responsibilities:* The Dean of Faculty is responsible to the President of the College for the academic programs of the College. This responsibility, exercised in cooperation with the faculty, includes administering and supervising all academic programs; preparing the instructional budget; making recommendations on all matters relating to instructional personnel; encouraging the improvement of academic programs and planning of new ones; and representing the College on academic matters among The Claremont Colleges. *Qualifications:* Earned doctorate or equivalent, preferably in engineering, mathematics, or science, with experience and interest in applications; successful record of undergraduate teaching; professional distinction; successful administrative experience, preferably academic. Prospective applicants should communicate by 1 October 1974 with **Dr. John B. Rae, Chairman, Search Committee, Harvey Mudd College, Claremont, California 91711.** *An Equal Opportunity/Affirmative Action Employer.*

FACULTY POSITION

Ph.D. or M.D. with research experience in DNA-containing animal viruses. Experience in electron microscopy desired but not required. Teaching limited to medical and graduate student program. Position in newly established virus laboratory is available after 1 September 1974. Rank and salary negotiable. Résumés to **L. A. Caligiuri, M.D., Chairman, Department of Microbiology, Albany Medical College, Albany, New York 12208.**

An Equal Opportunity Employer

UNIVERSITY OF SOUTHERN CALIFORNIA

The Department of Geological Sciences will have two positions open for junior faculty. Areas of interest are:

- 1) Low-Temperature Geochemistry. Environmental interests welcome. Position available as early as September 1974.
- 2) Mineralogy-Petrology. Position available for September 1975.

Please send résumés and the names of three references to: **Dr. Richard O. Stone, Chairman, Department of Geological Sciences, University of Southern California, Los Angeles, California 90007.** *Southern California is an Affirmative Action/Equal Opportunity Employer.*

LAB TECHNICIAN

ELECTRON MICROSCOPIST HISTOLOGY

Leading metropolitan medical center seeks technician experienced in histological techniques including embedding, cutting, staining and other preparations of tissue for electron microscopy in an ophthalmological laboratory. Will be responsible for training other technicians and students. Excellent salary and comprehensive benefit program.

Call B. Reitman (212)920-4501

MONTEFIORE HOSPITAL & MEDICAL CENTER

An Equal Opportunity Employer

EXPERIENCED TOXICOLOGIST —Pharmaceuticals—

Excellent opportunity for an experienced toxicologist to assume responsibility for toxicity testing of potential new drugs. Specific duties involve planning, conducting and reporting of projects, supervision, decision-making with internal and external laboratories, and representation of discipline within research teams. Publications encouraged.

Our principal requirement is for a person with 5 or more years experience in pharmaceutical toxicology. Master's degree desirable but secondary to a demonstrated record of accomplishment.

Laboratories are well-equipped and located in our modern suburban facilities about 15 miles west of Philadelphia. Salary commensurate with appropriate experience; relocation benefits are liberal. For additional information, please write C. J. Elder, Senior Employment Administrator

SMITH KLINE & FRENCH LABORATORIES

A Division of
SmithKline Corporation
1510 Spring Garden Street
Philadelphia, Pa. 19101

Equal Opportunity Employer M/F

University of Amsterdam

In the Chemistry Subfaculty a position is available for a

(senior) lecturer
[wetenschappelijk
(hoofd) medewerker]

within the group Separation Methods of the Department of Analytical Chemistry. This group works on chromatographic methods of separation, especially on advanced (high) pressure liquid chromatography.

The applicant is expected after some time to make an active contribution to the further development of this field of chromatography and he (she) is expected to guide scientific research of doctoral candidates and students and to partake in instruction.

Applications in writing within 3 weeks after publication are to be addressed under number 74-1 to

Prof. Dr. J. A. A. Ketelaar, chairman of the nomination committee, Laboratory for Electrochemistry, Nieuwe Achtergracht 166, Amsterdam-C., Netherlands.

Information can be obtained from Dr. H. Poppe, of the Department of Analytical Chemistry, Nieuwe Achtergracht 166, Amsterdam [Tel. (020) 522.3540].

POSITIONS OPEN

CYTOGENETIC TECHNICIAN

Clinical and research position available immediately at B.S. or M.S. level in cytogenetics. Experience with chromosomal banding techniques and tissue culture methods desirable. Send résumé to: Dr. H. Friederici, Department of Pathology, Evanston Hospital, 2650 Ridge Ave., Evanston, Illinois 60201.

DEAN

College of Pharmacy

THE UNIVERSITY OF MICHIGAN

Candidates should ordinarily hold a professional degree in pharmacy, a Ph.D. degree or equivalent in a pharmaceutical science or related discipline; sufficient teaching and research experience to qualify for a professorial appointment; evidence of administrative experience and leadership potential.

Opening to occur 1 July 1975. Send résumés and supporting documents by 1 September 1974 to:

Dr. A. G. Paul
Chairman, Search Committee
College of Pharmacy
The University of Michigan
Ann Arbor, Michigan 48104

A Nondiscriminatory, Affirmative Action Employer

DEAN, COLLEGE OF SCIENCE

The University of Southwestern Louisiana announces a vacancy in the position of Dean of the College of Science. The College is comprised of the disciplines of Biology, Chemistry, Computer Science, Mathematics, Microbiology, and Physics. Four Ph.D. and six M.S. programs are offered. Inquiries should be directed to:

The O-S-N Committee
College of Science
University of Southwestern Louisiana
P.O. Box 1810, USL Station
Lafayette, La. 70501

Affirmative Action/Equal Opportunity Employer

IMMUNOBIOLOGISTS

Faculty appointments for immunobiologists in one or more of several departments may be possible in the coming academic year. Candidates should have demonstrated independence, originality and excellence in research and teaching. Applicants should send their curriculum vitae, bibliography, reprints, the names of three persons qualified to assess their capabilities, and a statement of future research plans to: Dr. Robert B. Uretz, Deputy Dean for the Basic Sciences, Division of Biological Sciences and Pritzker School of Medicine, University of Chicago, 920 East 58th Street, Chicago, Illinois 60637.

The University of Chicago appoints scholars without regard to race, color, sex, or national origin.

INSTRUCTOR IN PSYCHOLOGY

Full-time position available in the Department of Psychiatry, University of Michigan Medical School. Candidate should have a Ph.D. in Clinical Psychology and at least 1 year of postdoctoral clinical experience. Experience should include working with adolescents, individual psychotherapy, hospital management of patients, and psychodiagnostic tests. Background in general clinical work is required. Will teach and supervise medical students, psychiatric residents and psychology interns. Opportunities for research are provided. Code #400DO. Send résumé to Box 374, SCIENCE. A Nondiscriminatory Affirmative Action Employer.

INSTRUCTOR IN PSYCHOLOGY

Full-time position available in the Department of Psychiatry, University of Michigan Medical School. Candidate should have a Ph.D. in Clinical Psychology and at least 1 year of postdoctoral clinical experience. Experience should be with mentally disturbed patients who have needed both outpatient and inpatient treatment, with individual psychotherapy and hospital management of patients, and with psychodiagnostic tests. Will teach and supervise medical students, psychiatric residents and psychology interns. Opportunities for research are available. Code #1000I. Send résumé to Box 375, SCIENCE. A Nondiscriminatory Affirmative Action Employer.

POSITIONS OPEN

HEAD, RADIATION THERAPY

University of Maryland Medical School

Nominations and applications are invited for this position. Active consideration is under way. Send curriculum vitae to: Dr. R. D. Richards, Chairman, Search Committee, Department of Ophthalmology, University of Maryland Hospital, Baltimore, Maryland 21201.

The University is an Equal Opportunity Employer/Affirmative Action Employer.

PART-TIME LECTURERS IN BIOLOGY

We are seeking several individuals to teach environmental biology, human biology, comparative anatomy, animal physiology, and immunology during the 1974-75 academic year. Flexible schedule. Salary range \$2000 to \$3000 per quarter course. Previous college-level teaching experience required. Send résumé to Chairman, Department of Biological Sciences, Northwestern University, Evanston, Illinois 60201. Northwestern University is an Equal Opportunity Employer.

Opening exists in the assistant research level for a MARINE BIOLOGIST trained in fisheries sciences. Candidate must have an M.S. in fisheries sciences with 5 years' experience or a Ph.D. with solid fisheries background. Candidate must be an experienced scuba diver. Research to involve describing the important population parameters necessary to manage a sustained yield fishery of wild populations of sea urchins. Inquiries with curriculum vitae should be sent to Dr. C. S. Cox, Chairman, Ocean Research Division, Scripps Institution of Oceanography, Box 1529, La Jolla, California 92037. The University of California is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

PATHOLOGY FACULTY WANTED

For School of Medicine in development. Inquiries to: Sylvanus W. Nye, M.D., Chairman, Department of Pathology, School of Medicine, East Carolina University, Greenville, North Carolina 27834. An equal opportunity/affirmative action employer.

PHYSICIST

Washington, D.C., office of national research company has an opening for a research physicist, highly skilled in latest research tools, numerical simulation of relativistic electron beams, plasma computer experiments, and systems analysis. Duties include simulation of beam dynamics through use of particle and/or fluid representation. Please send résumé and salary requirements to Box 376, SCIENCE.

Affirmative Action/Equal Opportunity Employer

POSTDOCTORAL POSITION

For recent Ph.D. or candidate to conduct research in CNS regulation of pituitary-adrenal (monkeys, cats, rodents); also circadian periodicity. Submit curriculum vitae, references, and reprints to:

Box 378, SCIENCE

PRESIDENT

New Mexico Institute of Mining and Technology, Socorro, New Mexico, a small, academic and research institute with Ph.D. programs in Geoscience, Metallurgy, and Physics, seeks a person of exceptional ability and dedication for President of the Institute. Recommendations for candidates with outstanding qualifications will be gratefully received. Send correspondence to: Chairman, Presidential Search Committee, New Mexico Institute of Mining and Technology, Socorro, New Mexico 87801.

New Mexico Tech is an equal opportunity/affirmative action employer.

TECHNOLOGIST

Washington, D.C., office of national research company has an opening for a technical innovator with broad experience in laser physics and supervising complex and ingenious research projects. Candidate will be required to develop subsystems for devices beyond the state-of-the-art. Applicants should have a proven record of ingenuity in development of technical devices. Send résumé and salary requirements to Box 377, SCIENCE.

Affirmative Action/Equal Opportunity Employer

The Brush 260 6-channel recorder. Precise data at low cost per channel.

Besides being an accurate, reliable instrument, the Brush 260 is also a real bargain.

You get six 40 mm analog channels and four event markers. Eight pushbutton chart speeds and built-in signal conditioners. Plus Brush exclusives like pressurized ink writing and Metrisite® servo-loop feedback system that assures 99½ % linearity.

Write Gould Inc., Instrument Systems Division, 3631 Perkins Avenue, Cleveland, Ohio 44114. Or Kouterveldstraat Z/N, B 1920 Diegem, Belgium.



Circle No. 322 on Readers' Service Card

RESEARCH INVESTIGATOR

BIOCHEMICAL PHARMACOLOGIST

Due to the internal mobility available at Searle, we have a position open for a researcher in the Drug Metabolism/Radiochemistry department.

This position calls for a Ph.D. in pharmacology or biochemistry with postdoctoral training, to study the effects of potential products on model enzyme systems and their constituents in both *in vitro* and *in vivo*; to act as a consultant and collaborator with other investigators in the biological and chemical departments to increase their effectiveness; and to make recommendations on the design of new drug entities and their evaluation.

Searle offers an excellent opportunity to grow professionally and personally in an environment cognizant of human factors and needs. To become a candidate for this position, send your résumé to:

Manager Technical Employment

SEARLE

G. D. Searle & Co.

Box 5110, Chicago, Illinois 60680

Equal Opportunity . . .

A Practice, Not a Policy

electron microscopist

Argonne National Laboratory invites applications for a staff opening at the Assistant/Associate Scientist level in its Biological and Medical Research Division. This position will bring responsibility for the direction of an Electron Microscope Center and the development of an independent research program. We also offer the opportunity for collaborative research with other staff members.

Qualifications must include wide experience in all phases of electron microscopy (including SEM, TEM, etc.). Preference will be given to candidates with demonstrated abilities in innovating new approaches in this field (e.g., computer techniques of image analysis). Knowledge in related fields of pathology and molecular biology will be a definite asset.

Applications should include a complete curriculum vitae and three letters of recommendation. Send to: MR. RONALD A. JOHNS, PROFESSIONAL PLACEMENT.



Argonne National Laboratory

9700 So. Cass Avenue

Argonne, Illinois 60439

An Equal Opportunity
Employer, M/F

U of C-AUA-USAC

AAAS Memberships and Subscriptions

- Whenever you write us about your membership or subscription, please attach a Science address label to assure prompt service.

- Mail to: Membership and Subscription Records, AAAS, 1515 Massachusetts Ave., NW, Washington, D.C. 20005.

- ☐ **Change of Address:** Please provide 6 weeks' notice. Paste an address label from a recent issue in the space provided. Print new address below.

- ☐ **Query:** If you have a question, place your address label here and attach this form to your letter.

- **To join or subscribe:** Mail this form with your payment, mark the appropriate boxes, and print your name and address in the space below. (For renewals, attach label.)

- ☐ **Membership rates** (individual only)

☐ \$21 USA ☐ \$26 Canada, PUAS ☐ \$27 Foreign

☐ \$41 Airlift to Europe, North Africa, Near East

- ☐ **Subscriber rates**

☐ \$40 USA ☐ \$46 Canada, PUAS ☐ \$48 Foreign

☐ \$60 Airlift to Europe, North Africa, Near East

- ☐ Payment enclosed ☐ Bill me later

Name Please print

Address

City

State

Zip

MJ08

ATTACH
LABEL
HERE

POSITIONS OPEN

UNIVERSITY OF SASKATCHEWAN Saskatoon, Saskatchewan, Canada

Applications are invited for the following positions in the Department of Crop Science

PROFESSIONAL RESEARCH ASSOCIATE.
A plant physiologist with experience in the field of identification and physiology of naturally occurring plant growth regulators.

PROFESSIONAL RESEARCH ASSOCIATE.
A plant physiologist with training and experience in the area of water relations and/or stress physiology.

The successful applicants will be part of a team of three scientists and three technicians who will undertake a comprehensive analysis of the role of plant hormones in drought stress in sorghum. The study, supported by the International Development Research Centre, Ottawa, is designed to provide cereal scientists working in the semi-arid tropics with a more complete knowledge of the manner in which plant growth and productivity are influenced by drought stress. The project will take approximately five years.

The commencing salary for each position is \$12,924 plus a pension and annual increments currently equivalent to 5 percent. Minimum qualification is a Ph.D.

Further enquiries and applications, which close 31 August 1974, and letters from three referees should be sent to:

Prof. G. M. Simpson
Crop Science Department
University of Saskatchewan
Saskatoon, Saskatchewan, Canada S7N 0W0

FACULTY AND/OR POSTDOCTORAL RESEARCH ASSOCIATE POSITIONS PROGRAM IN TECHNOLOGY AND HUMAN AFFAIRS WASHINGTON UNIVERSITY (ST. LOUIS)

It is anticipated that a small number of faculty and/or research associate positions will be filled during the next 12 months in the Program in Technology and Human Affairs. This interdisciplinary, degree-granting program, based in the School of Engineering, is concerned with the application and assessment of technology in connection with contemporary problems. Preference for faculty positions will be given to persons with some background in engineering or applied science and with interests which fall within two broad categories, namely: (i) energy, resource, and environmental studies and/or (ii) communications, information, and educational technology studies. Ph.D. degree required. Send résumé to: **Prof. Robert P. Morgan, Chairman, Program in Technology and Human Affairs, Box 1106, Washington University, St. Louis, Mo. 63130.** Washington University is an Equal Opportunity and Affirmative Action Employer.

CORNING

RESEARCH CLINICAL MICROBIOLOGIST

Corning Glass Works is looking for Ph.D. with at least 3 years of clinical microbiology experience as well as research experience and publications. Duties will include—

- 1) Correlation of developmental efforts and clinical laboratory requirements.
- 2) Pursuance of a fundamental research program.

Good communication abilities essential. Position initially is at Corning, New York; substantial traveling anticipated.

Reply to

Gordon R. McPherson, Personnel Manager
Technical Staffs Division
Corning Glass Works
Corning, New York 14830

An equal opportunity employer

POSITIONS OPEN

POSTDOCTORAL POSITION

Available now. Research on the kinetic stability of steady states in nucleic acid synthesis, flow studies, modeling of nonlinear kinetic mechanisms.

Dr. Fred W. Schneider
Department of Chemistry
University of Southern California
Los Angeles, Calif. 90007

POSTDOCTORAL TRAINING IN CARCINOGENESIS RESEARCH

The University of Tennessee-Oak Ridge Graduate School of Biomedical Sciences and the Carcinogenesis Program of the Biology Division, Oak Ridge National Laboratory invites applications from recent or prospective graduates with Ph.D., M.D., or D.V.M. degrees for postdoctoral training in carcinogenesis research. Successful applicants will join an integrated, interdisciplinary research program involving pathology, immunology, genetics, virology, organic and analytical chemistry, biochemistry, and biophysics. Openings available immediately. For information and application forms write: **Training Office, The University of Tennessee-Oak Ridge Graduate School of Biomedical Sciences, Biology Division, Oak Ridge National Laboratory, P.O. Box Y, Oak Ridge, Tennessee 37830.**

An equal opportunity employer

Senior position in one of the following areas: endocrinology, immunobiology or membrane biology. Minimum of 7 years of experience beyond the doctorate. Responsibilities include teaching undergraduate as well as graduate students and directing an active research program in one of the above areas. A person with an outstanding record of accomplishment in both research and teaching will be given preference. Send curriculum vitae, including brief summary of research program and objectives, and three letters of sponsorship to: **Chairman, Department of Biology, William Marsh Rice University, P.O. Box 1892, Houston, Texas 77001.** Rice University is an equal opportunity employer with an affirmative action program. Applications from women and members of minority groups are encouraged.

STAFF SCIENTIST

Two staff positions for research in radio astronomy are available at the Arecibo Observatory (operated by Cornell University) in Puerto Rico. Demonstrated research ability in experimental radio astronomy is required. Backgrounds in pulsar studies or in radio interferometry would be helpful but are not required. Please send résumé to **Dr. H. D. Craft, Jr., Director, Arecibo Observatory, Box 995, Arecibo, Puerto Rico 00612.**

VIROLOGIST OR MOLECULAR VIROLOGIST

Faculty Appointment. Salary and rank are negotiable. Qualifications: Ph.D. degree in Microbiology (Virology) or Molecular Biology. Applicants must have training and/or experience to teach general and molecular virology to undergraduate and graduate students. Faculty member will be expected to organize and develop research programs in virology. Nine-month appointment. To apply, send curriculum vitae, copies of reprints (if available), transcripts, and three letters of recommendation to: **Dr. James E. Ogg, Head, Department of Microbiology, Colorado State University, Fort Collins, Colorado 80523** before 1 November 1974.

An Equal Opportunity/Affirmative Action Employer

FELLOWSHIPS

FELLOWSHIP

Pharmacologist. Postdoctoral Fellowship now available for recent graduate with experience in neuropharmacology and interest in neurochemistry. Work will involve behavioral, neuropharmacological, and neurochemical studies on optically pure compounds with therapeutic potential. Other studies will investigate brain histamine. Seek highly motivated individual possessing the desire and ability to design experiments based on own initiative. Stipend \$9000. Address inquiries to **Dr. Michael C. Gerald, Division of Pharmacology, The Ohio State University, Columbus, Ohio 43210.**

An equal opportunity employer

FELLOWSHIPS

POSTDOCTORAL RESEARCH FELLOWSHIPS IN PATHOLOGY OF MEMBRANES AND ORGANELLES

Immediate openings for individuals holding the Ph.D. or M.D. degree to participate in a multidisciplinary training program involving the genetics, structural, and functional properties of normal and abnormal mammalian cell membranes. Applicants with a background in immunology, immunogenetics, protein chemistry, carbohydrate chemistry, cell biology, electron microscopy, or tissue culture biology are welcome. Stipend \$10,000 to \$10,800 depending on experience. Send detailed résumé and two letters of reference to **Dr. Ron Acton, Program Director, Department of Microbiology, University of Alabama in Birmingham, University Station, Birmingham, Alabama, 35294.** Funds provided by an Institutional Research Fellowship Award from the National Institute of General Medical Sciences. *An Equal Opportunity/Affirmative Action Employer.*

POSTDOCTORAL FELLOWSHIPS

Microbiology and/or Medicine Infectious Diseases. Research Training areas include molecular biology, immunology, epidemiology, and public health aspects of venereal diseases. *Applications from women and ethnic minorities welcomed.* Send curriculum vitae and supporting information to: **Dr. William Sawyer, Department of Microbiology or Dr. Geo. F. Brooks, Department of Medicine, Indiana University School of Medicine, Indianapolis, Indiana 46202.**

POSTDOCTORAL FELLOWSHIP

Computer Image Processing and Pattern Recognition (application to biomedical problems). Training and experience in programming, statistics, and video and digital circuitry is applicable. Send curriculum vitae to: **P. W. Neurath, Department of Therapeutic Radiology, Tufts-New England Medical Center, 171 Harrison Avenue, Boston, Mass. 02111.**

POSTDOCTORAL FELLOWSHIP IN DEVELOPMENTAL NEUROBIOLOGY. Applications are invited from persons with Ph.D. or M.D. degree for research training in methods dealing with the postnatal development of the nervous system and behavior in animals. Multidisciplinary research is concerned with normative studies of neurobiological development and the effects of various experimental and environmental treatments on the maturation of brain and behavior. Send résumé and references to **Dr. Joseph Altman, Laboratory of Developmental Neurobiology, Department of Biological Sciences, Purdue University, West Lafayette, Indiana 47907.** *An equal opportunity employer.*

POSTDOCTORAL FELLOWSHIP IN TOXICOLOGY

Department of Environmental Health has immediately available a postdoctoral fellowship in toxicology. Research training is in the area of renal toxicology and/or effects of lead on heme synthesis. For further information, contact:

Dr. P. B. Hammond
Department of Environmental Health
University of Cincinnati
Kettering Laboratory
3223 Eden Avenue
Cincinnati, Ohio 45219

An affirmative action/equal opportunity employer

MARKET PLACE

NEW!

MINI FRACTION COLLECTOR

TIME BASED • PRECISION
RELIABLE • RUGGED

Write for details **\$395.**

Eldex Laboratories, Inc.

557 Willow Rd., Menlo Park, CA. 94025

Circle No. 347 on Readers' Service Card

Digital introduces the DECLAB-11/40.

**For \$37,500 you get one of the most
complete lab computer systems ever offered.**

This remarkably low-priced system includes our advanced 16-bit PDP-11/40 CPU, 16K words of 980 nano-second internal memory, two removable 1.2-million word cartridge disks, 12-inch CRT display with powerful display processor (complete with character and vector generator) and light pen, Digital's own 30 cps console terminal, and a laboratory peripheral unit that includes 12-bit A/D converter, clock,

digital I/O, and 8 channels with differential pre-amplifiers.

Plus complete software to handle your application requirements: our RT-11 real-time operating system and an open-ended applications software package that includes modules for peripherals handling, graphics support, data acquisition, signal processing, and a variety of statistical routines. Most of your programming has already been done for you. We also offer three high-level languages — FORTRAN, BASIC, and FOCAL.

In addition, you'll have access to the world's largest library of laboratory software. Get our new book on applications software and further information about the DECLAB-11/40.

Contact your local Digital office, or write: Digital Equipment Corporation, Maynard, Mass. 01754. European headquarters: 81 route de l'Aire, 1211 Geneva 26. Digital Equipment of Canada Ltd., P.O. Box 11500, Ottawa, Ontario K2H 8K8.

digital



Circle No. 339 on Readers' Service Card



now,
a built-in
illuminator
that stays
brighter...
longer

The AO MICROSTAR[®] Microscope has a new high intensity illuminator with a 20 watt tungsten Halogen lamp that gives more light and longer lamp life. High color temperature offers greater operating efficiency and truer color rendition particularly for photomicrography. Further, the lamp is self-cleaning to assure consistent brightness throughout the exceptionally longer life. The lamp control is solid state and continuously variable to give you the exact illumination intensity desired. A transformer is neatly fitted inside

the microscope base, out of the way.

Of course there is more. An infinity corrected optical system, focusable nosepiece, vibration-free stage that locks to the stand and dual viewing models—all pioneered by AO to give you the finest laboratory microscope available today.

Ask your authorized AO dealer or sales representative for a demonstration. In the meantime send for detailed brochure.

American Optical, Scientific Instrument Division, Eggert Rd., Buffalo, N.Y. 14215

Circle No. 246 on Readers' Service Card

AO[™]
American
Optical