

30-1. European Conf. on the Use of Low Energy Accelerators, Polytechnic of the South Bank and Inst. of Physics, London, England. (A. H. Jiggins, Dept. of Physics, PSB, London, S.E.1 OAA)

June

3-5. Royal Soc. of Canada, Kingston, Ont. (Public Relations Dept., RSC, Queen's Univ., Kingston)

3-7. Special Libraries Assoc., Pittsburgh, Pa. (F. E. McKenna, SLA, 235 Park Ave. S., New York 10003)

3-7. Asian Pacific Congr. of Plastic Surgery, Jerusalem, Israel. (N. Ben-Hur, P.O. Box 16271, Tel-Aviv, Israel)

4-6. Brookhaven Symp. in Biology, 25th, Upton, N.Y. (P. S. Carlson, Biology Dept., Brookhaven Natl. Lab., Upton 11973)

4-8. Carbon, 11th biennial conf., American Carbon Committee, Oak Ridge Natl. Lab., Gatlinburg, Tenn. (W. P. Eatherly, Oak Ridge Natl. Lab., P.O. Box X, Oak Ridge 37830)

4-8. American Federation of Information Processing Soc., New York, N.Y. (T. C. White, AFIPS, 210 Summit Ave., Montvale, N.J. 07645)

4-8. Symposium on Rapid Methods and Automation in Microbiology, Stockholm, Sweden. (Miss S. Olsen, Dept. of Applied Microbiology, Karolinska Institutet, S-104 01 Stockholm 60, Sweden)

4-8. American Assoc. for the Study of Neoplastic Diseases, Heidelberg, Germany. (R. H. Jackson, 10607 Miles Ave., Cleveland, Ohio 44105)

4-9. International Assoc. of Hydrological Sciences, Madrid, Spain. (D. R. Dawdy, Engineering Research Center, U.S. Geological Survey, Colorado State Univ., Fort Collins, Colo. 80521)

6-7. Government Data Systems Conf. on New Systems in Law Enforcement and Criminal Justice, 2nd natl., New York, N.Y. (W. A. Kulok, Div. of Business and Management, New York Univ., 600 Third Ave., New York 10016)

6-8. Alaska State Medical Assoc., Fairbanks. (R. G. Ogden, ASMA, 1135 W. 8 Ave., Anchorage, Alaska 99501)

6-8. Mode of Action of Microbial Walls and Membranes, New York Acad. of Sciences, New York, N.Y. (M. R. J. Salton, New York Univ., New York)

7-9. International Congr. on Immunology in Obstetrics and Gynaecology, Padua, Italy. (N. Carretti, Obstetrics and Gynaecology Clinic, Univ. of Padua, Via Giustiniani No. 3, Padua 35100)

7-9. American Rheumatism Assoc., Los Angeles, Calif. (Miss L. Bonfiglio, ARA, 1212 Avenue of the Americas, New York 10036)

7-9. Mass Spectrometry in Biochemistry and Medicine, intern. symp., Milan, Italy. (A. Frigerio, Istituto di Ricerche Farmacologiche "Mario Negri," 20157 Milan-Via Eritrea, 62 Italy)

10-14. Institute of Food Technologists, Miami Beach, Fla. (C. L. Willey, IFT, 221 N. LaSalle St., Chicago, Ill. 60601)

10-14. Special Libraries Assoc., Philadelphia, Pa. (F. E. McKenna, SLA, 235 Park Ave. S., New York 10003)

10-15. Neurosurgical Soc. of America, Pembroke, Bermuda. (S. N. Chou, Univ. of Minnesota Medical School, Minneapolis 55455)

16 MARCH 1973



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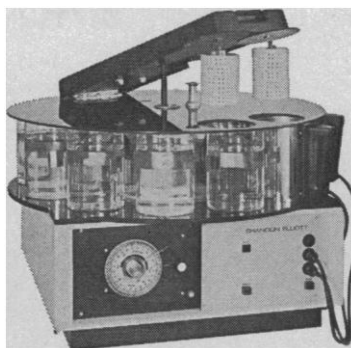
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University degree at Ph.D. level or equivalent in information systems and technology or a closely related field; practical experience in the design and implementation of information systems for support of programme development and management; range of technological knowledge and interest to encompass application of simplified manual systems as well as sophisticated automated systems; excellent knowledge of English or French with a working knowledge of the other language is necessary.

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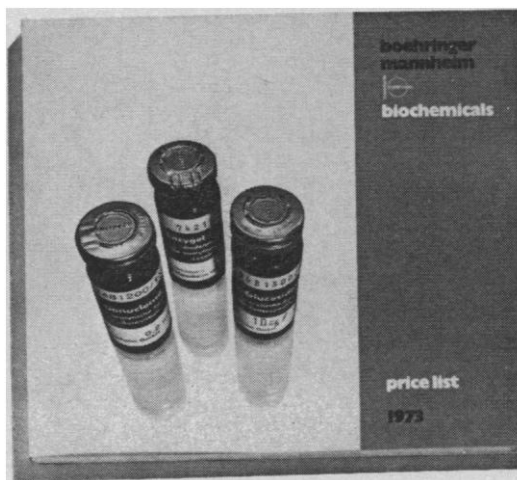
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Personnel Placement

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Administration, Biochemist, recent Ph.D. with undergrad in chemistry desires research department or laboratory management position. Background includes some teaching experience. Kirschbaum, R.F.D. 3, Willimantic, Conn. 06226. X

Biochemist, Ph.D. 1968. Experienced in protein purification, clinical and research enzymology, and genetic screening desires academic and/or research position. Box 131, SCIENCE. X

Aquatic Ecologist/Ichthyologist, Ph.D. 1968. Seeks research or research/teaching position. Publications. Experience in teaching courses for non-biology students. Research interests in ecology of estuaries and rivers, trophic relationships of fishes, and taxonomy. Box 132, SCIENCE. X

Ph.D. Biology-Biochemistry. Eleven years' experience in first-rate experimental lab. Many publications in endocrinology and related topics. Position sought in teaching/research. Box 133, SCIENCE. X

Cell Biologist, Ph.D. 1968 in biochemistry with postdoctoral training in England and the states in the field of histochemistry and electron microscopy desires position in an academic or industrial institution. Special interest in histology, endocrinology, and liver metabolism. Box 134, SCIENCE. X

Cellular Physiologist/Biochemist, Ph.D., 7 years as head of biochemistry research section. Research: energy metabolism, cellular respiration, cytochrome isolation, and enzymology. Teaching experience in biology and biochemistry. Teaching and/or research desired, institute or academic. Box 135, SCIENCE. X

Clinical Microbiologist, Ph.D., MT (ASCP). Prefer academic job with permission to consult, or clinical job including teaching. Experienced in both. Publications. Reply to Box 136, SCIENCE. X

College Teaching Position, Biochemist, Ph.D. 1968, female with 5 years of research and some teaching experience. Strong interest in undergraduate education. Any location in the United States; available fall 1973. Box 137, SCIENCE. X

Dedicated, Curious Zoologist, Ph.D. More than 15 years of teaching (undergraduate, graduate) and research experience. Administrative experience. Postdoctoral training in world famous institution. Specialization—marine biology, ichthyology, taxonomy. Publications. Academic and research awards. Desires challenging teaching or research position. Box 138, SCIENCE. X

Developmental Biologist, Ph.D. Extensive experience in cell culture. Desires research or research/teaching position. Box 139, SCIENCE. X

Geologist, Ph.D., emphasis volcanology, igneous petrogenesis, geochemical cycles in relation to human survival. B.A. in scientific philosophy, 15 years of secondary to university teaching. Interest in instruction/research opportunities of potential social significance, especially interdisciplinary, innovative approaches. Box 140, SCIENCE. X

Histologist/Experimental Hematologist, Ph.D. Seeks challenging teaching/research or creative research position. Research interests—humoral regulation of normal and leukemic hemopoiesis, stem cell kinetics, in vitro and in vivo hemopoietic colony regulation. Teaching experience—histology, experimental hematology, comparative hematology. 20+ publications. Box 141, SCIENCE. 3/23, 30; 4/6, 13

Immunologist/Microbiologist. B.S., M.A., M.S., Ph.D., Fellow AAM, Certified ABM, 60 publications, numerous awards, patents; broad research, teaching, and product experience in immunological and interdisciplinary R&D with government and industry. Capable researcher/leader/administrator/teacher. Desires industrial, academic and/or research position requiring responsibility and initiative. Box 142, SCIENCE. X

Immunologist, Ph.D. Creative. Experienced in research and management. Diversified background. Publications. Interested in applied research in academic or industrial institute. Box 143, SCIENCE. X

Immunologist, 5 years of medical school teaching and research publications, desires relocation. Box 144, SCIENCE. X

POSITIONS WANTED

Marine Mammalogist, 34, Ph.D. 1972, 5 years' experience, 20 publications in fisheries, systematics, ecology and behavior of cetaceans. Teaching and/or research position away from smog. Box 145, SCIENCE. X

Medical Entomologist, Ph.D.; 11 years of research experience in cytogenetics, physiology; field research in ecology of malaria and filariasis. Seeks research/teaching position in United States or abroad. Publications. Box 146, SCIENCE. X

Neuroscientist, Ph.D. June 1973. Research experience in neurocardiovascular physiology, chronic animal preparation, neurophysiological and cardiovascular physiological monitoring, neurohistology. Teaching experience neuroscience for medical students. Desires teaching/research position with medical school. Box 147, SCIENCE. X

Organic Chemist with 18 years' association with cancer research and extensive experience in hydrocarbon metabolism work seeks change to a cancer institute. Box 127, SCIENCE. 3/23

Ph.D. (Materials). Age 28. Two years of research on material development and corrosion in reputed materials research laboratory. Experienced in electron microscopy and electron microprobe analysis. Seeks postdoctoral position in biomaterials. Box 148, SCIENCE. X

Ph.D. Physicist, Fellow Phys. Soc., with fine research accomplishments (experimental). Teaching experience at university level. At present with major industrial laboratory. Seeks position with 4-year college where he can participate in, upgrade, or set up a good physics or science-mathematics program. Some management experience. Box 67, SCIENCE. 3/23, 30; 4/6

Physicist, Ph.D., 1971. Research with NASA. Teaching experience interdisciplinary curriculum development at elementary, secondary levels. Scientific publications. Presently engaged in math education research at major university. Seeks academic position; teaching, curriculum innovation, research in science/math education. Box 149, SCIENCE. 3/23

Physiologist, Ph.D., 30, desires college-level teaching position. Teaching and postdoctoral experience. Publications. Box 150, SCIENCE. X

Physiologist-Biochemist, female; with postdoctoral teaching experience. Seeks university teaching and research position, on West or East Coast. Box 151, SCIENCE. X

Polymer Chemist, Ph.D. 1967. Postdoctoral and industrial experience in dental adhesives, reinforced polymers, rheology, polymer characterization, and polymer biomedical applications. Seeking research or teaching position. Box 152, SCIENCE. X

Psychologist, 29, Ph.D. (1970). Three years of postdoctoral research: perception, memory, psycholinguistics, dyslexic children. Publications. Seeking educational research/development. Box 100, SCIENCE. X

Psychological Anthropologist, Ph.D. expected spring 1974. Regional orientation with field experience in South Asia and Micronesia specializing in social structure and cognitive learning. Presently completing 27 months of investigation socioeconomic organization and intellectual skill development among Gypsies in West Pakistan. Previous teaching, laboratory, and field experience in experimental-biological psychology and anthropology; will consider any position with opportunity to further develop and utilize my interests in nonpastoral nomads and culture learning problems. Single. Free to travel or locate anywhere beginning summer or fall 1973. Résumé upon request. Box 153, SCIENCE. X

Toxicology and Cancer Research: M.D. Broad research interest and experience in toxicology and chemical carcinogenesis. Long-time research career in teaching institutes. Publications. Seeks academic, research institute, or industrial position. Box 154, SCIENCE. X

Virologist, Electron Microscopist, Ph.D. Experience and several publications: virology and viral oncology. Desires research/teaching position. Box 155, SCIENCE. X

POSITIONS OPEN

ASSISTANT PROFESSOR OF BIOLOGY—Ph.D. Position available 1 September 1973 for teaching and research at undergraduate and graduate levels, including supervision of Ph.D. dissertations. Applicants should submit a curriculum vitae, reprints, a statement of teaching and research interests, and the names of three references by 1 April 1973 to Search Committee, Biology Department, Lehigh University, Bethlehem, Pa. 18015. Applications from women and members of disadvantaged minority groups are encouraged.

POSITIONS OPEN

MINNESOTA GEOLOGICAL SURVEY

The position of *Director* of the Minnesota Geological Survey will be available in the summer of 1973. The Director will be responsible for providing an active, modern program of basic and applied geological research, geological service, and geological education for the people of Minnesota. Candidates should hold a Ph.D. in geology or related field and have several years of professional geological experience. The position carries a professional appointment in the Department of Geology and Geophysics of the University of Minnesota, with modest teaching responsibilities. Interested persons should send résumé and names and addresses of three references to **H. E. Wright, Department of Geology and Geophysics, University of Minnesota, Minneapolis, Minn. 55455**. The University of Minnesota is an equal opportunity employer.

BIOMEDICAL DEVICES AND DRUG-DELIVERY SYSTEMS. Southern Research Institute has openings in an interdisciplinary research team for senior scientists: a Ph.D. in physical pharmacy or physical polymer chemistry, with research experience in drug-excipient interactions or membrane processes, and a Ph.D. in pharmacology or physiology, with interest in research on biomedical devices and knowledge of in vitro and in vivo procedures for monitoring steroids, abortifacients, or narcotic antagonists. Send résumé to **Personnel Office, Southern Research Institute, 2000 9th Avenue South, Birmingham, Alabama 35205**. An equal opportunity employer M/F.

ELECTRON MICROSCOPIST

Faculty position open in Department of Microbiology, Mount Sinai School of Medicine of the City University of New York for independent investigator to direct research and teaching in relation to bacterial or viral ultrastructure. Academic rank and salary will depend on qualification. Only written communications including curriculum vitae and bibliography will be considered. Address to **Dr. E. D. Kilbourne, 10 East 102 Street, New York, New York 10029**. An equal opportunity employer

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Must be experienced in all tissue preparations for EM. Position requires the ability to supervise and train others, maintain and service the electron microscopes and willingness to work on various projects with different faculty members. Send complete résumé and vitae to:

Assistant to Director,
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36th and Spruce Street,
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FACULTY POSITION

Available in the Department of Pediatrics, University of Michigan Medical School for 1 July 1973. Candidate must be certified in cardiology, and must have demonstrated research, patient care and teaching experience and accomplishment. Send résumé to

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Applications: A detailed curriculum vitae with a list of the publications should be sent to:

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HUMAN ANATOMIST

The Department of Biology of Eastern Michigan University invites applications or nominations for a faculty appointment with rank and salary commensurate with qualifications. The minimum qualifications are a doctoral degree with competence in human anatomy.

Primary responsibility will be in teaching gross anatomy courses to nursing and occupational therapy students. Research opportunities may be made available.

Send curriculum vitae and at least two letters of recommendation to: **Dr. Donald F. M. Brown, Search Committee Chairman, Department of Biology, Eastern Michigan University, Ypsilanti, Michigan 48197.** EMU is committed to a policy of Affirmative Action.

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PROTEIN CHEMIST/ENZYMOLOGIST. Assistant Professor of Biochemistry in the Department of Biological Sciences, Carnegie-Mellon University, Pittsburgh, Pa. 15213. Two years of postdoctoral experience in the area of protein chemistry required. Research interests in enzymology preferred. Applications should include curriculum vitae, reprints and preprints, a statement of research interests, and the names of three referees.

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2) A supervised research course which will provide opportunities for students to pursue a research problem in any suitable area of invertebrate development.

For details, write to: **Dr. Richard L. Miller, Department of Biology, Temple University, Philadelphia, Pa. 19122.**

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D. S. Willey
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Applications are invited for ten summer positions as junior investigators to participate in an NSF-sponsored research program in **EXPERIMENTAL MARINE BOTANY** scheduled from 4 June to 1 September 1973 at the *Marine Biological Laboratory, Woods Hole, Mass. 02543.* Evidence of research experience equivalent to students in graduate and postdoctoral positions in biology or biochemistry is requested. Projects of five senior investigators in this program include algal studies of photoreduction carbohydrate and sulfate metabolism, biochemistry of fertilization, and chloroplast development and systematics of certain red algae. Travel and per diem expenses will be provided. Application forms may be obtained from MBL (above address). Send completed forms with references to **Dr. F. Loewus, Department of Biology, State University of New York at Buffalo, Buffalo, N.Y. 14214** in time to reach the Buffalo address before 12 April 1973.

POSTDOCTORAL TEACHING INTERNSHIPS IN BIOCHEMISTRY. Two fellowships are available as of July 1973 for a postdoctoral teaching internship program designed for recent graduates in biochemistry to develop proficiency in teaching. Concurrent research activities will be encouraged. For information, write to **Dr. T. M. Devlin, Department of Biological Chemistry, Hahnemann Medical College, 230 North Broad Street, Philadelphia, Pennsylvania 19102.**

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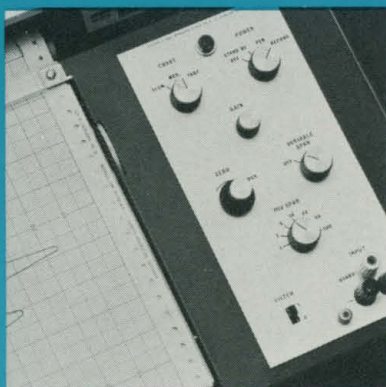
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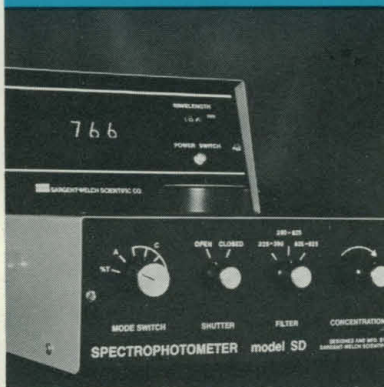


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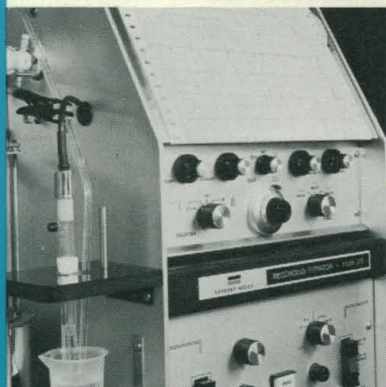


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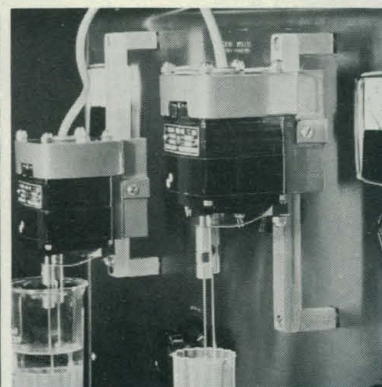


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