

(R. W. Hanson, Dept. of Chemistry, Univ. of Northern Iowa, Cedar Falls 50613)

27-28. Missouri Acad. of Science, Columbia. (R. G. Combs, 206 Electrical Engineering Bldg., Univ. of Missouri, Columbia 65201)

27-28. North Carolina Acad. of Science, Charlotte. (J. A. Yarbrough, Dept. of Biology, Meredith College, Raleigh 27602)

27-28. American Assoc. of University Professors, St. Louis, Mo. (B. H. Davis, AAUP, Suite 500, 1 DuPont Circle, NW, Washington, D.C. 20036)

27-29. Wisconsin Acad. of Sciences, Arts and Letters, Prairie du Chien. (J. R. Batt, WASAL, 5001 University Ave., Madison 53705)

28. Society for Investigative Dermatology, Atlantic City, N.J. (J. S. Strauss, Boston Univ. Medical Center, 80 E. Concord St., Boston, Mass. 02118)

28. Societal Problems of Water Resources, 2nd annual symp., Illinois Earth Science Assoc., Chicago. (M. Qutub, Northeastern Illinois Univ., Bryn Mawr at St. Louis Ave., Chicago 60625)

28-29. Montana Acad. of Sciences, Dillon. (R. E. Juday, Dept. of Chemistry, Univ. of Montana, Missoula 59801)

29-2. Off-Shore Technology, Inst. of Electrical and Electronics Engineers, Houston, Tex. (Technical Activities Bd., 345 E. 47 St., New York 10017)

29-3. American Ceramic Soc., Inc., Cincinnati, Ohio. (F. P. Reid, ACSI, 65 Ceramic Dr., Columbus 43214)

29-3. American Oil Chemists Soc., New Orleans, La. (J. Lyon, AOCS, 508 S. 6 St., Champaign, Ill. 61820)

30-12. Lindau Psychotherapy Weeks, Assoc. for Psychotherapeutic Training, Lindau, Germany. (H. Stolze, D-8 München 81, Adalbert-Stifter-Strasse. 31)

#### May

4-6. American Acad. of Psychoanalysis, Honolulu, Hawaii. (J. Barnett, AAP, 40 Gramercy Park N., New York 10024)

8-9. Fluvial Processes and Sedimentation, 9th Canadian Hydrology Symp., Edmonton, Alta., Canada. (C. R. Neill, Research Council of Alberta, 303 Civil-Electrical Engineering Bldg., Univ. of Alberta, Edmonton T6G 2E1)

13-18. Electronics Div., Electrochemical Soc., Chicago, Ill. (H. R. Huff, Texas Instruments, Inc., Mail Station 202, Dallas, Tex. 75222)

13-18. Society for Experimental Stress Analysis, Los Angeles, Calif. (B. E. Rossi, SESA, 21 Bridge Sq., Westport, Conn. 06880)

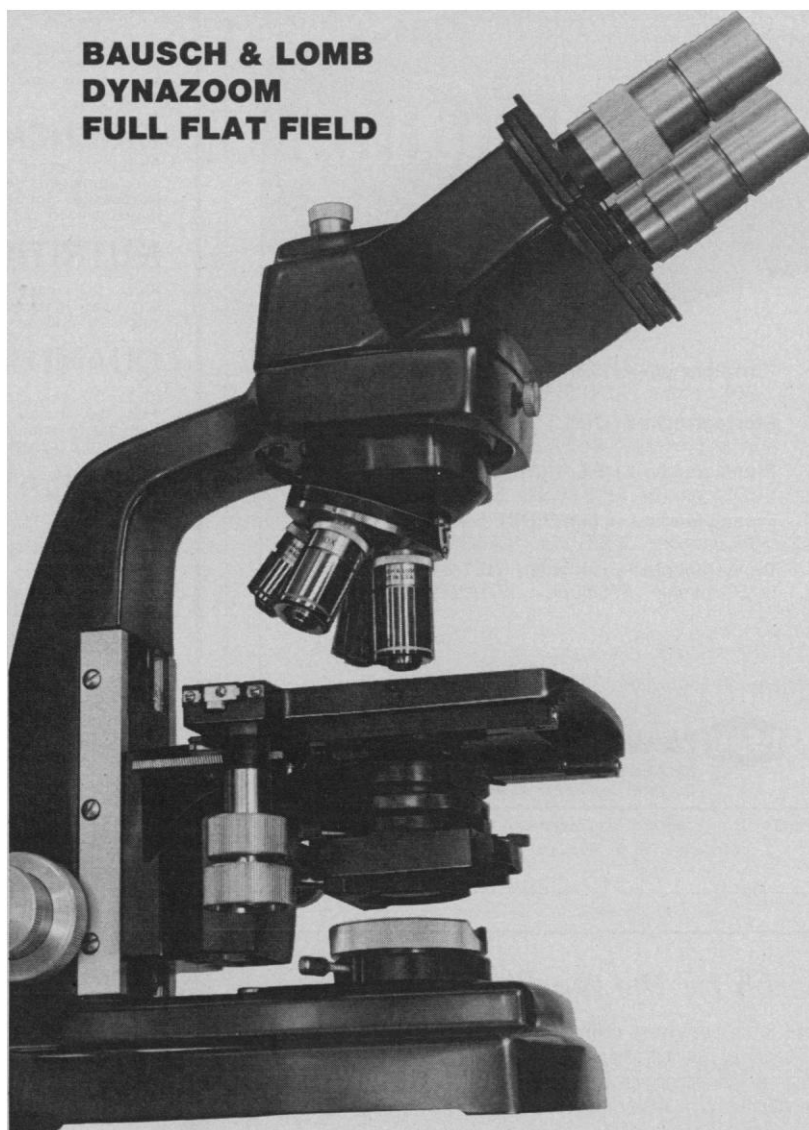
14-17. Irregularities in the Equatorial Ionosphere, American Geophysical Union, Dallas, Tex. (A. F. Spilhaus, Jr., AGU, 1717 L St., NW, Washington, D.C. 20036)

16-19. Society of Technical Writers and Publishers, Houston, Tex. (C. T. Youngblood, STWP, Suite 421, 1010 Vermont Ave., NW, Washington, D.C. 20005)

17-19. Future of Scientific and Technical Journals, Institute of Electrical and Electronics Engineers, New York, N.Y. (J. Lufkin, Honeywell, Inc., 2701 Fourth Ave., S., Minneapolis, Minn. 55408)

27-31. Medical Library Assoc., Kansas City, Kan. (Mrs. H. B. Schmidt, MLA, 919 N. Michigan Ave., Chicago, Ill. 60611)

10 NOVEMBER 1972



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# Personnel Placement

## POSITIONS WANTED

**Biomedical Engineer**; registered, electrical instrumentation; 15 years' aerospace, 7 years' hospital and medical school faculty, publications. Seeks position as research team member, principal investigator, teaching, or administration. Write Horace Castillo, 404 N. Plum St., Springfield, Ohio 45504.

**Geneticist**, 36, Ph.D. (1965), postdoctoral in human genetics, 15 years' professional academic experience. Particular interest innovative undergraduate education. Desires academic position beginning fall 1973. Box 377, SCIENCE.

11/10

**Pathologist—Electron Microscopist**, Ap/CP, FLEX. Interest: high resolution and diagnostic-EM, molecular pathology, cancer; 35 years old, minority group; 5 years in university faculty. Desires position with practice opportunity. Available 1973. Please send full details. Box 418, SCIENCE.

11/10

**Physician** with biostatistical experience. Certified specialist internal medicine seeks position application of computer-based pattern recognition, clustering, and classification techniques to real medical problems. Box 415, SCIENCE X

## POSITIONS OPEN

### DALHOUSIE UNIVERSITY Halifax, Nova Scotia, Canada ACADEMIC STAFF POSITIONS IN THE DEPARTMENT OF BIOLOGY

Applications are invited for teaching posts available 1 July 1973. Academic rank and salary depend on qualifications and experience. In addition to undergraduate and graduate-level teaching, successful candidates will be expected to develop research in one of the following areas: molecular genetics, biochemical embryology, biophysics, comparative physiology, systems ecology, population ecology, marine biogeochemistry, and evolutionary systematics. Outstanding candidates in other areas will be considered.

The Department is now housed in a new building with excellent facilities including a sea-water supply on all floors.

Applications, giving the names of two referees, should be sent to **Dr. K. H. Mann, Chairman, Department of Biology, Dalhousie University, Halifax, Nova Scotia, Canada.**

### BIOLOGICAL SCIENCES HEAD

Young, vigorous department of 23 faculty seeks new leadership in teaching and research. Appointment effective no later than 1 September 1973. Send résumé to **George Dahlgren, Chairman, Biological Sciences Headship Committee, Department of Chemistry, University of Cincinnati, Cincinnati, Ohio 45221.**

### BIOSTATISTICIAN

Prestigious pediatric research hospital has immediate opening for individual experienced in epidemiology and population surveys. This is a new position calling for support to professional personnel in statistical applications and experimental designs. Applicants should send curriculum vitae and letters of reference to **William A. Regal, St. Jude Children's Research Hospital, P.O. Box 318, Memphis, Tennessee 38101.**

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### ZOOLOGISTS

The Department of Biology has two teaching positions requiring a Ph.D. open for the fall of 1973. Position I: requires teaching ability in invertebrate zoology and parasitology with research interest in one of the following: ethology, physiology, or theoretical population ecology. Position II: requires teaching in zoology and a research interest in one of the above. Complete application (vitae and three letters of recommendation) must be received before 10 January 1973. Reply to:

**Dr. William Dick-Peddie  
Box 3AF  
New Mexico State University  
Las Cruces, New Mexico 88003**

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### THE UNIVERSITY OF BRITISH COLUMBIA Department of Geophysics and Astronomy

Applications are invited for the position of Assistant or Associate Professor to teach and carry out research in Geophysics, starting on 1 July 1973. Applicants should have a Ph.D. or equivalent with demonstrated teaching and research ability. Geophysicists from all fields will be considered, although preference will be given to theoretical solid-earth geophysicists. Applications by 30 November 1972. Please send inquiries and applications to **Professor R. D. Russell, Head, Department of Geophysicists, University of British Columbia, Vancouver 8, B.C., Canada.**

### IMMUNOLOGIST/VIROLOGIST Ph.D. LEVEL

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### INSTRUCTOR POSITION AVAILABLE

For 1 January 1973, in the Department of Pathology, University of Michigan Medical School. Person will supervise Blood Bank Special Studies Area including antibody identification, research and development, forensic serology, and teaching. Candidate must have five continuous years of full-time experience in special blood group antibody detection. Blood bank certification (ASCP) required, or graduate degree in blood banking. Evidence of scholarly investigation also necessary. Age, sex, race, religion, and ethnic origin immaterial. Code No. 1000L. Send résumé to Box 420, SCIENCE.

## Applied Psychology Unit director

The Medical Research Council is seeking a new Director of the Applied Psychology Unit. Dr. D. E. Broadbent, the present Director, will be relinquishing his post in October 1974 in order to take up other research activities within the Council's service.

The Unit is at present situated in Cambridge, England, and has a number of small outstations elsewhere.

The Unit is engaged on a wide programme of work on the observation and measurement of human behaviour under controlled conditions similar to those met when people perform tasks in everyday life. The aim is to establish general principles governing healthy human performance in various types of work and various environments. The Council is anxious to maintain and develop work in this field; how the Unit can best contribute to this end in the future is at present under consideration, and the precise scope and emphasis of the future programme, and the organisational structure of the Unit, will be a matter for discussion between the new Director and the Medical Research Council.

The Council is seeking a scientist of wide interests who has an established reputation as an investigator in his own specialist field. A medical qualification is not necessary.

The salary of the post will be at a point on the scale of the Council's Special Appointments Grade, which is equivalent to the salary range for University professors, and the appointment will be subject to the Council's conditions of service. Superannuation provision will be made under the FSSU.

Applications should be submitted not later than 31 December 1972, in the form of a short statement (not exceeding 500 words) outlining in general terms the scientific programme that the applicant would wish to undertake and indicating the type of supporting facilities required, together with a curriculum vitae and list of publications and the names of two referees, to the Secretary, Medical Research Council, 20 Park Crescent, London, W1N 4AL, England.

MEDICAL RESEARCH COUNCIL

## POSITIONS OPEN

Applications are invited for appointment as **LECTURER OR ASSISTANT PROFESSOR** in the Department of Biology, Memorial University of Newfoundland. The successful candidate will be required to teach courses in Plant Ecology and in Genetics and will also be expected to take part in teaching Introductory Biology courses under the control of the Junior Division. He will be expected to take up his duties on 1 January 1973. Contact Department of Biology, Memorial University of Newfoundland, St. Johns, Newfoundland, Canada.

**Medical Editing and Rewriting** . . . Full-time position to assist in preparation of manuscripts for medical and engineering journals; includes close work with young author-investigators whose native language is not English. Must be experienced in medical or scientific writing for professional publications. Midwest medical school-affiliated hospital. Send résumé to Box 400, SCIENCE.

### MICROBIAL ECOLOGIST

Assistant or Associate Professor interested in developing a course and research in microbial ecology in a department of microbiology. Twelve-month appointment, good salary and fringe benefits. Equal opportunity employer.

Box 421, SCIENCE

In accordance with University principles of fair practice employment, inquiries are invited for the position of **ASSISTANT PROFESSOR OF MICROBIOLOGY** at the University of Pennsylvania School of Medicine. Applicants should have a doctoral degree with competence and research experience in any of the following fields: (i) Tumor virology, (ii) mammalian cell biology, (iii) electron microscopy (cell structure), or (iv) molecular mechanisms of bacterial pathogenesis. Applications containing curriculum vitae and three references should be sent to **Box 422, SCIENCE**. The University is an equal opportunity employer.

### CLINICAL COORDINATOR

Position entails monitoring clinical trials of new drugs. Individual will assist in writing IND's and NDA's. Requires M.S. in Biology or one of the basic medical sciences, or degree in Pharmacy, preferably Pharm.D. Demonstrated technical writing ability with at least a basic knowledge of inorganic and organic chemistry and biology a must.

### QUALITY ASSURANCE MANAGER

Requires B.S. in Physical Science. Duties include design, review, evaluation and analysis of failure modes of plastic medical devices. Entry level management position with some experience helpful in O.C. or Reliability desirable. McGaw Laboratories, a growing manufacturing division of American Hospital Supply Corporation, producing intravenous solutions and other hospital products, is seeking bright individuals who are interested in a career opportunity in our Technical Department.

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## POSITIONS OPEN

### MICROBIOLOGIST

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Dr. Richard H. Baker, Director  
Pakistan Medical Research Center  
University of Maryland  
6, Birdwood Road  
Lahore, Pakistan

### NEUROCHEMIST

To head research laboratory in addictive diseases. Familiarity and experience with neurochemical determinations is essential. Academic appointment and salary dependent on qualifications. Send résumé to: **Dr. Henri Begleiter, Department of Psychiatry, Downstate Medical Center, State University of New York, 445 Lenox Road, Brooklyn, N.Y. 11203, Box 1203.**

**Ph.D.** to provide professional services in coordination zooplankton work and sampling. Required to participate on at least one oceanic cruise per year, probably a minimum 10 to 12 weeks per annum. Copepod specialist preferred. Salary \$13,309. This is a non-Civil Service position. Submit Form 171 and résumé to Smithsonian Oceanographic Sorting Center, Smithsonian Institution, Washington, D.C. 20560.

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### ASSISTANT PROFESSOR/PHYSIOLOGY

Ph.D. in physiology or closely related science, or M.D. teaching/research position. Candidate must have broad-based knowledge of basic medical sciences and ability to relate it to the clinical sciences. Teaching experience highly desirable. Full- or part-time. Salary open, commensurate with experience. Send résumé to: **Arlene F. Hoffman, Ph.D., Chairman, Department of Basic Sciences, California College of Podiatric Medicine, 1770 Eddy Street, San Francisco, California 94115.**

### POSTDOCTORAL RESEARCH ASSOCIATE

Available immediately for research on the control of biotin biosynthesis. Recent Ph.D. in biochemistry of molecular biology, tenure 1 to 2 years. Send vitae to **Dr. Max A. Eisenberg, Department of Biochemistry, College of Physicians & Surgeons, New York, N.Y. 10032. AE0E.**

### RESEARCH IN AGING OF HUMAN FIBROBLASTS IN TISSUE CULTURE

**Postdoctoral positions:** For study of membrane structure and antigenicity, collagen and protein biosynthesis, hormone receptors and cyclic AMP, transport and intermediary metabolism.

**Tissue culture technician:** At least 2 years' experience desirable. Send résumé to **Dr. S. Seifter, Department of Biochemistry, Albert Einstein College of Medicine, 1300 Morris Park Ave., Bronx, N.Y. 10461.**

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### Sr. Scientist-Cell Biology

Ph.D. with post-doctoral experience in cell biology required. Candidates should have a knowledge of biochemical methodology pertaining to cellular mechanisms involved in tissue injury and inflammatory disease states. Imaginative individuals will have the opportunity to do independent research and test novel concepts. Publication and academic affiliations encouraged. Please send resume in strict confidence, including salary history and requirements, to: **Mr. Barry Roth, CIBA-GEIGY Corporation, Saw Mill River Road, Ardsley, New York 10502.** We are an equal opportunity employer/male and female.

**TRANSPORT-ENDOCRINOLOGIST.** Vacant position in this general area at the level of assistant or associate professor. Postdoctoral experience expected. Have funds for starting research assistant, supplies, and equipment. Write to **Dr. Adrian Hogben, Professor and Head, Department of Physiology and Biophysics, University of Iowa, Iowa City, Iowa 52240,** enclosing curriculum vitae and bibliography.

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### ASSISTANT-ASSOCIATE PROFESSOR Position Open January 1973

For **Vertebrate Anatomist or Physiologist.** Will assume major responsibility for undergraduate course in anatomy and physiology and direct M.S. students in research specialty. Ph.D. required; postdoctoral research experience desirable. Send vita and references by 1 December 1972 to: **Dr. T. J. Starr, Chairman, Department of Biological Sciences, State University College, Brockport, New York 14420.**

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### THE UNIVERSITY OF BRITISH COLUMBIA DEPARTMENT OF ZOOLOGY

Applications are invited for a position in **Experimental Field Ecology** at the Assistant or Associate Professor level. Preference will be given to applicants in vertebrate ecology. Teaching duties will include one senior undergraduate course and one graduate course. Appointment effective 1 July 1973. Curriculum vitae and names of three references should be submitted by 31 December 1972 to: **Dr. P. A. Larkin, Head, Department of Zoology, University of British Columbia, Vancouver 8, Canada.**

## FELLOWSHIP

### DOCTOR OF ARTS IN BIOLOGY

Predocctoral fellowships are available now for qualified students interested in studying for the Doctor of Arts degree in Biology. Applicants must hold a Master of Science degree in Biology or its equivalent. For details of this new program and fellowship application materials write to: **Chairman, Department of Biology, Idaho State University, Pocatello, Idaho 83201.**

The Biotechnology Progress of Carnegie-Mellon University invites applications for a position as **Postdoctoral Fellow** to begin immediately. The successful applicant, in addition to being well qualified, will describe how his particular background will complement current activity in the Program. U.S. citizenship or permanent residence required. Contact **Thomas A. Reichert, Biotechnology Program, Carnegie-Mellon University, Schenley Park, Pittsburgh, Pennsylvania 15213.**

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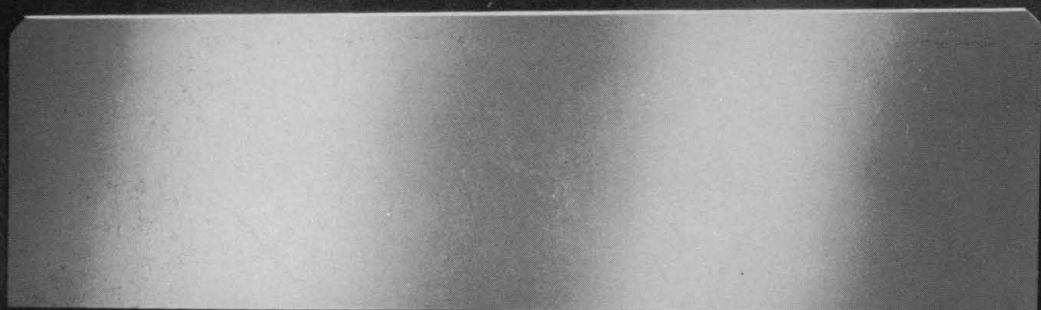
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