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## COMPUTERS, COMMUNICATIONS, AND THE PUBLIC INTEREST

Edited by **MARTIN GREENBERGER**

Are computers agents for good or evil? Do they free or restrict us? Can they constitute an invasion of privacy? And how should their use be regulated?

Based on a symposium at which lectures by eight specialists were the subject of discussion by such notables as Alan Perlis, Wayne Morse, Charles Schultze, Ralph Nader, and Harvey Brooks, *Computers, Communications, and the Public Interest* comes to grips with some of the most hotly debated issues of our times. \$12.50



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### POSITIONS WANTED

**Animal Virologist**, M.S. Young, energetic researcher. Extensive experience with variety of animal viruses, methods of cell culture, use of radioisotopes and biochemical procedures. Very strong background in genetics and developmental biology. Seeks research position; East or West Coast preferred. Box 226, **SCIENCE**. X

### POSITIONS WANTED

**Biochemist**, Ph.D. 1966, age 30. Two years of postdoctoral training followed by instructorship and assistant professorship in large medical school. Publications, some grants and medical school teaching experience. Interests include the biochemistry of development and differentiation, enzymes and isoenzymes, clinical enzymology, neuroenzymology, and metabolic control in normal and diseased tissues. Training also includes strong emphasis in microbiology and radiochemistry. Desires teaching-research or industrial position, preferably West Coast, but will consider anywhere. Box 227, **SCIENCE**. X

**Biochemist**, Ph.D. 1966. Five years postdoctoral. Neurochemistry. Experience in enzymology, amino acids, nuclei acid metabolism in development. Twenty publications. Seeks teaching/research position. Box 228, **SCIENCE**. X

**Cellular Molecular Biologist**, Ph.D. 1971, 26. Seeks teaching position at undergraduate-oriented institution with research opportunities. Experience in enzymology, membrane-protein purification, fungal and molecular genetics. Box 229, **SCIENCE**. X

**Computer Simulation** and analysis position wanted with group studying perception or related subjects. Seven years' experience in mathematical and computational analysis, some in perception simulation. Box 230, **SCIENCE**. X

**Electron Microscopist**, Ph.D. 1967. Experienced in many biological materials. Also microbiology, entomology, zoology, and botany. Teaching and research. Box 231, **SCIENCE**. X

**Geneticist**, Ph.D., 14 years' total teaching. Desires position in academically excellent, undergraduate institution. Any location. Box 219, **SCIENCE**. 6/4

**Molecular Plant Scientist**, Young, outgoing, recent Ph.D. Traditional botanical training. Research interests and publications on multiple RNA polymerases of fungi. Recognition for research achievements. Extensive training, interest and experience in teaching. Box 232, **SCIENCE**. X

### POSITIONS WANTED

**Pharmacologist-Physiologist-Toxicologist**. Fifteen years' experience—nurses to postdoctorals. Good teaching, research, administration record. Seeking challenging position. Box 233, **SCIENCE**. X

**Pharmacologist**, Ph.D., seeks position in biomedical information, writing, editing, or combination of these. Salary requirement, middle \$20's. Box 234, **SCIENCE**. X

**Pharmacologist**, M.D., Ph.D., Experience: teaching, academic (15 years) and industrial (more than 20 years of research. Patents. Over 100 publications. Seeking part-time or consulting work in pharmaceutical research. Box 236, **SCIENCE**. X

**Physiologist/Cell Biologist**, Ph.D., 1968, age 29; completing third year postdoctoral research in regulation of mammalian cell growth. Seeks teaching or research position for fall 1971 or later. Box 237, **SCIENCE**. X

**Plant Physiologist/Cell Biologist**, Ph.D., 8 years of research and university teaching experience. Desires college teaching and/or administrative position. Box 238, **SCIENCE**. X

### POSITIONS OPEN

#### DEPARTMENT OF MICROBIOLOGY OF MEDICAL SCHOOL AT MAJOR EASTERN UNIVERSITY

invites inquiries from suitably qualified Ph.D.'s for one or more positions at the rank of Assistant Professor in the fields of

- 1) Tumor virology
  - 2) Animal cell biology with competence in electron microscopy
  - 3) Molecular aspects of bacterial pathogenesis
- Applications, containing curriculum vitae and three references, should be sent to **Box 239, SCIENCE**. The University is an equal opportunity employer.

## POSITIONS OPEN

The Smithsonian Institution is recruiting for an **Assistant Director for the National Zoological Park**, Washington, D.C. The incumbent will direct zoological programs involving research, education, exhibition, animal care, and conservation of endangered species. The starting salary is \$24,000 per year. Candidates must have degree(s) in a biological science and extensive experience in the management of scientific or wildlife programs. Send applications to **Director of Personnel, Smithsonian Institution, 900 Jefferson Dr., S.W., Washington, D.C. 20560**.

### UNIVERSITY OF MANITOBA Department of Microbiology (Faculty of Science)

Applications are invited for the position of **Assistant Professor**. Duties will include teaching undergraduate and graduate courses as well as research, and will commence as soon as possible after 1 July 1971. Candidates with a strong background in microbial biochemistry and virology preferred.

Salary range: \$10,000 to \$13,500 per annum. Send applications (before 30 June 1971) with *curriculum vitae*, and names of at least two referees, to:

**Dr. Isamu Suzuki**  
Department of Microbiology  
University of Manitoba  
Winnipeg 19, Manitoba, Canada

### THE UNIVERSITY OF ALBERTA CANADA FACULTY OF DENTISTRY

Applications are invited from **Biochemists** to fill an additional post in a small, recently established group specializing in calcified tissue research. The successful applicant will be experienced in the field and will be appointed to a Faculty position. Teaching duties are involved. Date of appointment, salary, and rank are open to negotiation.

Letters of application giving curriculum vitae and names of three references should be addressed to **Chairman, Oral Biology Department, Faculty of Dentistry, University of Alberta, Edmonton, Canada**, from whom further details are available.

### SENIOR RESEARCH BIOLOGIST

To perform and supervise research on hair and skin as affected by various agents and treatments; to devise experimental techniques for evaluation of such effects; and to initiate research proposals directed toward new products of interest to the Toilettries Division.

Minimum requirements: M.S. degree in Biology and 2 years' laboratory experience, or the equivalent. Extensive knowledge and specific experience in research laboratory preferred.

Send your résumé complete with salary history in confidence to: **Mr. A. M. Troisi, Gillette Company, Toilettries Division, 100 Charles River Park, Boston, Mass.**

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### UNIVERSITY OF NATAL PIETERMARITZBURG

Applications are invited from suitably qualified persons for appointment to the post of

### PROFESSOR AND HEAD OF DEPARTMENT OF HOME ECONOMICS AND DIETETICS

This is a new department in the University and the incumbent will be required to assist in the planning of a new building to house the department, as well as to develop curricula and syllabuses.

*Salary Scale: R8100 × 300—R9900*

A vacation savings bonus is payable subject to Treasury regulations.

The commencing salary will be determined by the qualifications and/or experience of the successful applicant.

Application forms and further particulars of the post are obtainable from: **The Registrar, University of Natal, King George V Avenue, DURBAN**; or from the Secretary-General Association of Commonwealth Universities (appts.), 36 Gordon Square, London WC1H 0PF.

*Applications must be lodged with the Registrar not later than 30 June 1971.*

## POSITIONS OPEN

# Senior Immunochemist

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## AM

### Botanischen Institut der T. H. Darmstadt

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### Professors an einer Universität (H2)

Bewerber mit Interesse an der Lehre in Allgemeiner Botanik und an physiologischer Forschung werden gebeten, die üblichen Unterlagen bis zum 11.6.1971 zu richten an den

**Dekan der Fakultät für  
Chemie, Biologie, Geologie und Mineralogie  
Technische Hochschule Darmstadt  
BRD-610 DARMSTADT**

A position is available for a specialist in **Infectious Diseases** in Hamilton, in the Department of Medicine, McMaster University, Hamilton, Ontario. The appointment would be to one of the major affiliated teaching hospitals, and would require involvement in active clinical service, undergraduate, and residency training, and provide opportunity to pursue original research. A full-time appointment would be made both to the Hamilton District Hospital and to McMaster University. Inquiries should be forwarded to **Dr. Taylor Dickinson, Infectious Disease, Department of Medicine, McMaster University, Hamilton, Ontario, Canada.**

**GENETICIST**, microbial. Interest in teaching general and microbial genetics and developing research program in speciality.

**Biology Department  
University of South Florida  
Tampa 33620**

### POSTDOCTORAL

Two-year postdoctoral position for Ph.D. experienced in RNA/DNA hybridization techniques. Applications, with curriculum vitae and names of three references, should be sent to:

**Martin N. Schuler  
MIDWEST RESEARCH INSTITUTE  
425 VOLKER BOULEVARD  
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## POSITIONS OPEN

## GRADUATE STUDY

**Postdoctoral Traineeship in Clinical Physiology** stressing three interdisciplinary areas: basic science research, clinical investigation and computer usage. For either M.D. or Ph.D. Current openings exist in cardiovascular electro-physiology, respiration and neurophysiology. NHLI postdoctoral grant with stipend supplementation possible depending upon qualifications. For further information write: **Dr. Daniel A. Brody, Division of Clinical Physiology, University of Tennessee Medical Units, 951 Court Ave., Memphis, Tennessee 38103.**

**MEDICAL COLLEGE OF GEORGIA: Graduate Programs in the Life and Medical Sciences, 1971-72 academic year, leading to the Ph.D. (or M.S.) in Biochemistry, Endocrinology, Microbiology, Anatomy, Physiology, and Pharmacology, NSF, NDEA, NIH and institutional fellowships, traineeships and assistantships for qualified students, with dependency and tuition allowance in many cases. For details of the graduate program in each field, application materials, and financial assistance information write to: **Dean F. J. Behal, School of Graduate Studies, Medical College of Georgia, Augusta, Georgia 30902.****

### UNIVERSITY OF MELBOURNE RESEARCH FELLOWSHIP

The University of Melbourne invites applications for a **Research Fellowship** tenable for 1 year but renewable in special circumstances for a second. The fellowship is intended for a scholar who has recently obtained a degree of Doctor of Philosophy (or equivalent qualification). The salary will be in the range of \$A6,697 and \$A9,286 and up to \$A400 may be paid for transport to Melbourne. Applications should be lodged with the **Registrar, University of Melbourne, Parkville, 3052, Victoria, Australia by July 1971.**

Conditions for the Fellowship may be obtained from the Australian Consulate-General, 636 Fifth Avenue, New York, N.Y. 10020, or from the Registrar, University of Melbourne.



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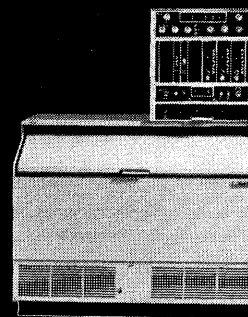
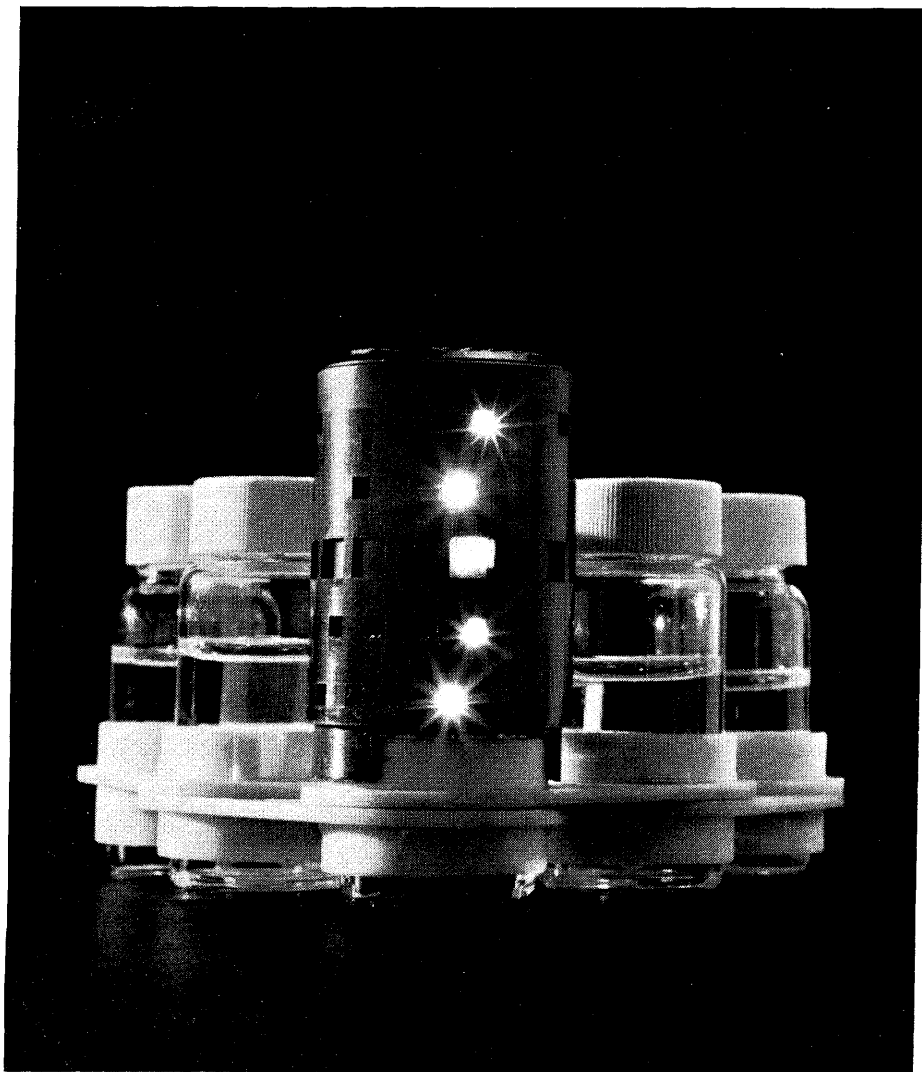


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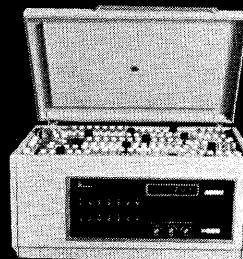
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