

(Continued from page 462)

the supersonic transport plane. There have been briefings, supermarket style, from officials in the Department of Housing and Urban Development, the Postal Service, the Office of Civil Defense, and elsewhere.

But after talking enthusiastically about this work, some Jasons admit they really aren't communicating with these new clients. "In civilian areas, no one has ever had control of a large project. In DOD, you can sit back and tell someone how to spend \$200 million to find the answer to his problem. But in these agencies, the guy you're talking to has never seen anything close to \$200 million." Indeed, it is hard to ascertain what contribution theoretical physics can make to the problems of the Post Office.

Small wonder then, that a number of Jasons suggest that the group may cut its link to IDA, which has its own problems, and realign with Stanford Research Institute. Some do not rule out the possibility that Jason will simply disband. Others will only say Jason's role is "changing."

\* \* \* \* \*

*Should they resign from DOD? The official who earlier labeled the Jason "hubris," or arrogance, thinks they're in a vise. "At this point you're asking them to admit to error—that several years of their lives were spent being manipulated by Johnson and Nixon." An entirely different view came in the reaction of one long-term Democratic congressional speech writer who exclaimed: "God. If Nixon loses the scientists what are we going to do when there's another Sputnik?"*

*The radicals have two prescriptions for Jason. One is that they collectively resign in a gesture of protest. The other, which is Bramfman's formula, is that they remain in DOD and "resist" it from within by leaking documents.*

\* \* \* \* \*

So the question is whether this group (which Hans Bethe allegedly termed a Who's Who of Theoretical Physics) ever did or can presently achieve what it set out to do—exert an influence on the country's military and military-political history. In the wave of reprisal from the radical left, at least, it is clear that Jason, like the Jason of mythology, has sewn a field with dragon's teeth which have sprung up into a host of hostile soldiers.

—DEBORAH SHAPLEY

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**Microbiologist**, Ph.D., 8 years of teaching/research. Experience/interest enzymology, genetics, cell biology, virology. Publications/grant experience. Desires teaching/research/administrative academic position. Box 49, **SCIENCE**. X

**Plant Pathologist-Botanist** Ph.D. Experienced in undergraduate and graduate education. Desires teaching position. Western U.S. only. Box 53, **SCIENCE**. X

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**Physical Chemist-Biophysicist**, Ph.D., professor desires research/teaching in graduate department. Will accept administration; 80+ publications, visual biochemistry and physiology. Box 52, **SCIENCE**. X

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**ASSISTANT PROFESSOR**. Young person, well-trained in electron microscopy and principally interested in ultrastructural research. Should show evidence of promise in developing a program of independent and productive research, and effectiveness in teaching neuroanatomy to large groups of medical students. Ph.D. or equivalent degree. Applications invited from women and minority group members. Write **Dr. K. A. Rafferty, Jr., Department of Anatomy, The University of Illinois at the Medical Center, Box 6998, Chicago 60680**.

#### BIOCHEMIST

Assistant professor with a Ph.D. and postdoctoral experience. Teaching and research. Starting date, September 1973. Send curriculum vitae and references to **Dr. F. H. Radke, Head, Department of Biochemistry, University of Maine, Orono, Maine 04473**.

#### BIOLOGIST

Faculty position to develop new undergraduate program in biological sciences, as well as interdisciplinary programs, at college in Northeast which presently is strong in physical sciences and engineering. Several years of teaching experience. Send curriculum vitae and three references to

Box 27, **SCIENCE**

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**Developmental Biologist**, Ph.D. September 1973. Duties: Organize upper division course in growth and development, cooperate in other cellular/molecular-oriented courses; teach elementary human anatomy course for pre-nursing students; participate in preprofessional advising. Primarily a teaching position, but research is encouraged. Qualified applicants should send vitae and references to: **Dr. JoAnn S. Jensen, Chairman, Department of Biology, Pacific Lutheran University, Tacoma, Washington 98447**.

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#### THE DEPARTMENT OF BIOLOGICAL SCIENCES THE UNIVERSITY OF ILLINOIS AT CHICAGO CIRCLE

Invites applications for faculty positions in **Ecology, Genetics, Microbiology, Vascular Plant Morphology, Vertebrate Morphology, and Vertebrate or Neural Physiology**. The appointees will be expected to participate in undergraduate and graduate teaching and research. These positions are available commencing September 1973.

The department also invites applications from individuals with research interests in **Development, Protozoology, Vertebrate Biology or Computer Assisted Instruction** for faculty positions in the **Introductory Biology** program. The appointees will be expected to participate in graduate teaching and research. These positions are available commencing September 1973. Submit curriculum vitae and three letters of recommendation to: **Dr. Elmer B. Hadley, Department of Biological Sciences, University of Illinois at Chicago Circle, Post Office Box 4348, Chicago, Illinois 60680**.

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Ortho's continued growth has necessitated the addition of a D.V.M. in our Toxicology Dept. The position requires a background in gross & histopathology & experience in laboratory animal & clinical medicine. Additional training in Pathology would be a plus; board eligibility desirable but not essential.

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#### BIOLOGISTS

The Department of Biological Sciences of Union College, an Equal Opportunity Employer with an Affirmative Action Program, has two assistant professorships requiring the Ph.D., open in the fall of 1973. We seek candidates with primary interests in: (i) Cell biology with competence in electron microscopy. Secondary interests in neural biology or biochemistry are preferred. (ii) Evolutionary biology. Secondary interest in physiological and quantitative ethology or invertebrate zoology, or inland field biology would be welcome. Send résumé to: **R. Rappaport, Search Committee Chairman, Department of Biological Sciences, Union College, Schenectady, New York 12308.**

#### CELL BIOLOGIST

Postdoctoral position for a recent Ph.D. to conduct independent research in tumor virology, immunology, or biochemistry. Submit vitae, references, and reprints, if available, to

**BOX 41, SCIENCE**

#### THE UNIVERSITY OF SIDNEY (AUSTRALIA) ECOLOGIST

##### CROCODILE RESEARCH PROGRAMME

Biologist required to carry on general ecological work on the Australian salt-water crocodile, especially population assessment and migration.

Applications, including curriculum vitae, list of publications, and names of three referees, should be sent to the Registrar, University of Sydney, N.S.W. 2006 Australia by 1 April 1973. Further information is available from Head, School of Physics.

### POSITIONS OPEN

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Candidates should be outstanding biological scientists with nationally recognized excellence in scholarship involving marine organisms, a commitment toward quality teaching at undergraduate and graduate levels, a keen desire to remain active in research, and a capacity to recruit and to lead an expanded faculty at HMS. Equal consideration will be given to qualified female, male, and minority group candidates. Director will also be appointed Professor of Biology in the Department of Biological Sciences.

Deadline for application is 23 February 1973. Send curriculum vitae, reprints of major publications, and list of references to:

**Dr. Peter M. Ray**  
Department of Biological Sciences  
Stanford University  
Stanford, California 94305

In accordance with University policy, the School of Medicine of the University of Pennsylvania invites qualified persons to apply for the position of **Director of the Cancer Center.** The position will involve planning and coordination of a Center with both clinical and research components. A complete curriculum vitae and bibliography, together with any other pertinent information, should be sent to: **Office of the Dean, University of Pennsylvania, School of Medicine, Philadelphia, Pennsylvania 19174,** for the attention of the **Chairman of the Cancer Center Committee.**

#### PRINCETON UNIVERSITY

Applications or nominations are invited for one faculty appointment in **geochemistry** (organic, inorganic, or isotopic) and one in **paleobiology** (paleontology or paleoecology, with research specialty in any plant or invertebrate animal group). Candidates available in September 1973 or September 1974 will be considered. One appointment may go to a senior scientist. Any candidate should have Ph.D. or equivalent by starting date.

Younger scientists should include a curriculum vitae and names of suggested referees. Send applications and nominations to: **Professor Sheldon Judson, Chairman, Department of Geological and Geophysical Sciences, Princeton University, Princeton, New Jersey 08540, U.S.A.**

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### POSITIONS OPEN

**CHAIRMAN SOUGHT FOR BIOLOGY DEPARTMENT, SUNY College, Geneseo, N.Y. 14454.** Contact: **Herman S. Forest, Search Committee.** The department currently has 17 members representing a broad spectrum of specialties; M.A. in Biology, M.S. in Education, and undergraduate degrees are granted. The College is developing a 3-year undergraduate program as an alternate to the 4-year one. Approximately 5400 students attend the College. Location is in a small town and rural county 25 miles south of the city of Rochester. An Affirmative Action/Equal Opportunity Employer.

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Must be experienced in all phases of tissue preparation for EM. Position requires ability to supervise and train others and willingness to acquire experience in other cell biology techniques.

#### CELL BIOLOGY TECHNICIAN

Should have good theoretical and practical background in biochemistry, preferably with (or willing to acquire) experience in cell fractionation, tissue culture, and EM. Apply **Dr. G. E. Palade, Section of Cell Biology, Yale University School of Medicine, New Haven, Connecticut 06510.**

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Ph.D. with experience beyond postdoctoral level. Salary commensurate with rank and previous accomplishment. Position entails shared teaching of insect toxicology and control; research involved with studies at the subcellular level of the mechanism of action of insecticides and/or other compounds implicated in control. The University of Illinois is an equal opportunity employer. Send information to **Dr. S. Friedman, Department of Entomology, University of Illinois, 320 Morrill Hall, Urbana, IL 61801.**

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### MICROBIOLOGIST-BIOCHEMIST, Ph.D.

A postdoctoral position is expected to be available from 1 January 1973; this position involves biochemical studies of various bacterial components. Send curriculum vitae, including names of references, to:

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### Dartmouth College

#### Assistant Professorships in Biology

The Department of Biological Sciences invites applications from qualified persons for the following two positions at the Assistant Professor level.

**Neurobiologist** to teach courses in neurobiology and related areas. Although applicants with research interests and training in the area of neurobiology and physiology of invertebrates are preferred, candidates in other areas of neurobiology will be considered.

**Geneticist** to teach courses in genetics and related areas. Applicants with research interests and training in the area of somatic cell genetics, cell fusion, or mammalian genetics are preferred but candidates in other areas of genetics will be considered.

It is expected that the successful candidates will develop an independent research program and supervise the training of Ph.D. candidates.

Dartmouth College welcomes applications from all qualified individuals, in particular from women and members of minority groups.

Applicants should submit a curriculum vitae and have three letters of recommendation sent by referees prior to 1 March 1973 to **Dr. Melvin Spiegel, Chairman, Department of Biological Sciences, Dartmouth College, Hanover, New Hampshire 03755.**

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### NEUROSCIENTIST

The Department of Biology at Amherst College is seeking a neuroscientist to participate in the development of an interdisciplinary program in neuroscience. The appointment will be at the assistant professor level. Applicants should submit a curriculum vitae, reprints the names of three referees, and a short statement of teaching interests and research plans. Applications should be made no later than 15 February to the **Chairman, Department of Biology, Amherst College, Amherst, Massachusetts 01002. Amherst College is an Affirmative Action and Equal Opportunity Employer.**

### DEVELOPMENTAL BIOLOGIST

The Georgetown University Department of Biology has an assistant professorship open for a scholarly scientist active in research (own research funding necessary). Applications are sought from specialists trained in molecular biology techniques and working in one of the following research areas: organelle self assembly, organ assembly, and developmental aspects of either membrane biology or neurobiology. Faculty members teach a one-semester laboratory course each year for undergraduates and one for graduate students. Please send curriculum vitae, sampling of publications, and references to: **Dr. Otto E. Landman, Georgetown University, 37th and O Streets NW, Washington, D.C. 20007.**

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Applications are invited for the above position, commencing 1 May 1973. The appointee will be required to lecture in the Plant Pathology courses given in the School of Agriculture and Forestry and to participate in the associated practical classes.

The appointee will be encouraged to develop his own research interests and to participate in postgraduate training programmes. Preference will be given to applicants who have experience in plant or insect virology or mycoplasma research.

Period of Appointment: From 1 May 1973 to 31 December 1975

Qualifications: Ph.D. or equivalent

Salary: \$6801-\$7172-\$7543 (under review).

Further information, including details of application procedures and conditions of appointment, is available from the Registrar. All correspondence should be addressed to the **Registrar, University of Melbourne, Parkville, Victoria 3052.** Applications close on 20 February 1973.

### UNIVERSITY OF MELBOURNE (AUSTRALIA)

#### SCHOOL OF AGRICULTURE AND FORESTRY FIXED-TERM LECTURESHIP IN SOIL SCIENCE

Applications are invited for the above position, commencing 1 May 1973. The appointee will be required to lecture in the Soil Science courses given in the School of Agriculture and Forestry and to participate in the associated practical classes.

The appointee will be encouraged to develop his own research interests and to participate in postgraduate training programmes. Preferences will be given to those applicants interested in biological aspects of soil science or chemical aspects of soil fertility.

Period of Appointment: 5 years

Qualifications: Ph.D. or equivalent

Salary: \$6801-\$9390 (under review).

Further information including details of application procedures and conditions of appointment is available from the Registrar. All correspondence should be addressed to the **Registrar, University of Melbourne, Parkville, Victoria 3052.** Applications close on 20 February 1973.

### QUEEN'S UNIVERSITY DEPARTMENT OF PATHOLOGY

Applications are invited for a **POSTDOCTORAL FELLOW** to work in a Cancer Research Group in the field of Tumor Biology and Immunobiology.

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Further details from **Dr. Stephen Haskill, Department of Pathology, Queen's University, Kingston, Ontario, Canada.**

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**Dr. E. W. Banister**  
Simon Fraser University  
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A small number of Ford Foundation supported traineeships are available for qualified applicants, in a training program leading to the Ph.D. in Reproductive Biology, or consisting of 1 to 2 years of postdoctoral research. Fields of active research are: CNS-pituitary-gonad relationships; regulation of corpus luteum function in pregnancy; steroid hormone biosynthesis, production, transport, metabolism, and mechanism of action. For further information write: **Dr. I. Rothchild, Department of Reproductive Biology, Case Western Reserve University, Cleveland, Ohio 44106.**

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A program leading to the Ph.D. degree involving course work and research training with special emphasis upon the study of the structure of biological systems from the molecular to the gross level. Research training is available in cell biology and fine structure, developmental biology, endocrinology, experimental neurology and neuroanatomical basis of behavior. For further information write to: **Director, Graduate Program, Department of Anatomy, State University of New York, Upstate Medical Center, 766 Irving Avenue, Syracuse, New York 13210.**

### FELLOWSHIPS

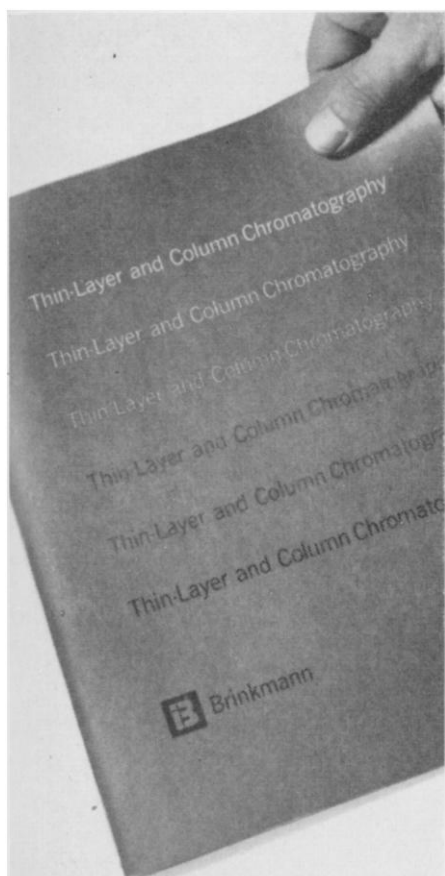
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AN APPLICANT should have qualified for the degree of Ph.D. or its equivalent within the last three years.

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APPLICATIONS in triplicate must be made on the prescribed form. Forms and a leaflet outlining the conditions of appointment may be obtained from the **Registrar, the University of Adelaide, South Australia 5001, Australia.** Applications are considered twice yearly and must be lodged with the Registrar by 28 February or 1 July 1973.



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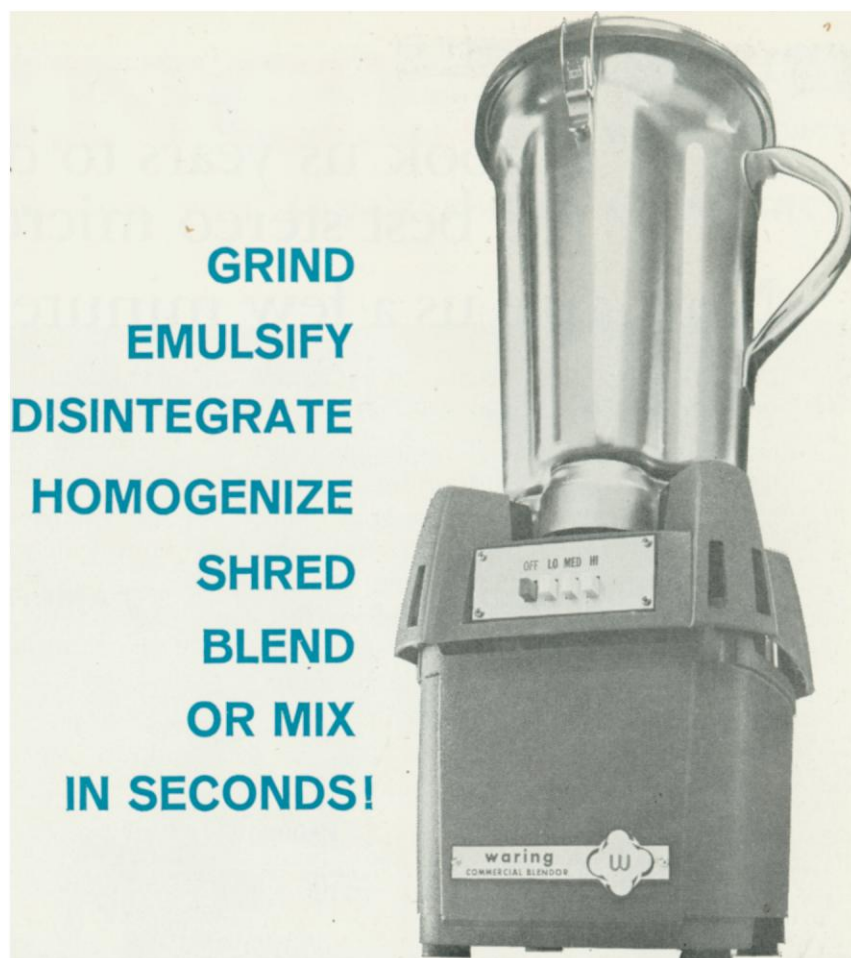
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