

AAAS Television on Film

Two television programs produced by the AAAS Office of Communications Programs and National Educational Television during the Annual Meeting in Philadelphia are now available as 16 mm movies.

THE ENERGY GAME

Hosted by the anchor man and executive producer, David Prowitt, the *Energy Game* features the following guests discussing the electric power crisis in the U.S., particularly the problems of atomic power plants: Barry Comoner, Washington University; S. David Freeman, University of Pittsburgh; Harold Green, George Washington University; Milton Rubin, Raytheon Corp.; and a panel made up of Alvin Weinberg, Oak Ridge National Laboratory, Arthur Tamplin, Lawrence Radiation Laboratory, and D. E. Abrahamson, University of Minnesota.

SCIENCE AND THE REALITY OF POLITICS

This show is also hosted by Prowitt. Guests on the program are Daniel Patrick Moynihan, Harvard University; Congressman Marvin Esch of Michigan; Walter Baer, Rand Corp.; Richard Bolt of Bolt, Beranek and Newman; Herbert Fox of Bolt, Beranek and Newman; and a panel made up of Jeremy Stone, Federation of American Scientists, William D. Carey of Arthur D. Little, Inc., and Eugene Skolnikoff of MIT.

Rental is \$25. Arrangements should be made through the Office of Communications Programs by calling 202-467-4438.

AAAS

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POSITIONS WANTED

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Ph.D. Nutritional Biochemistry, Massachusetts Institute of Technology, 1970; D.M.D., Tufts, 1964. Experience includes biostatistics, electron microprobe, SEM. A. J. Saffir, 1342 Fieldfair Court, Sunnyvale, California 94087. X

Cell Biologist, Ph.D. Seven years of teaching experience. Publications. Seeks teaching/research or research position. Research interests—human and animal cytogenetics. Have taught courses in general biology and zoology, genetics, histology, anatomy and physiology, and in comparative and mammalian anatomy. No geographical preference. Box 324, SCIENCE. X

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Applications invited for above from experienced engineers interested in teaching creative engineering design at undergraduate and postgraduate levels, desiring to maintain close links with industry for teaching and research purposes. Although applicants should be well qualified in some recognized field of mechanical engineering, primary requirements are broad view of central role of design in engineering education, and concern for its technical, economic, and social implications. Information from Registrar, University of Sydney, N.S.W., Australia 2006.

STAFF PATHOLOGIST, Division of Pathology, Bureau of Foods, Food and Drug Administration, Washington, D.C. Applicant should have advanced training in pathology leading to a Ph.D., Masters Degree or Board Certification. Duties include collaborative studies in toxicologic experiments with food additives, contaminants, coloring agents and drugs. The incumbent will have the option to undertake independent (mission-oriented) research up to 50 percent of the time. An electron microscope is available in the Division. Starting salary range is \$15,866 to \$20,627 or higher depending on the applicant's qualifications. Major relocation expenses to Washington will be reimbursed. Send résumé, including list of publications, or Federal application form, SF-171, to: Morris A. Weinberger, M.D., Director, Division of Pathology, BF-130, Food and Drug Administration, 200 "C" Street, SW, Washington, D.C. 20204, OR TELEPHONE: AC (202) 962-3928.

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10-15Ci/mmole \$33/250µCi \$75/1mCi \$225/5mCi
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The Special Virus Cancer Program (Viral Oncology) of the National Cancer Institute is seeking a medically qualified science administrator to join the staff of the Coordinator for Program Resources and Logistics. The incumbent will be responsible for ensuring that an adequate supply of human research resources are available for program use and will serve as an NCI project officer. Medical degree and interest in research administration are prerequisites. Civil Service appointment.

Write Dr. Jack Gruber, Ph.D., Coordinator for Program Resources and Logistics, Viral Oncology, National Cancer Institute, Building 37, Room 1D15, Bethesda, Maryland 20014.

NIH

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UNIVERSITY OF TROMSØ NORTH NORWAY FISHERY BIOLOGY RESEARCH GROUP

Applications are invited for the following position:

one Professorship or Senior Lecturer (depending on qualifications)

The professor will preferably be concerned with population dynamics, but applicants from other fields within fisheries biology or related areas are also invited.

The group will be concerned with fishery problems in North Norway especially in fjord and coastal waters, and will be built up during 1972/73. Work will be in conjunction with other aquatic biologists and probably also fishery economists and technologists.

Fishery biology will be taught at both undergraduate and postgraduate levels. English can be used for teaching until Norwegian is learned.

The University of Tromsø is new and rapidly expanding and those who obtain posts are expected to take part in planning activities. A new, temporary biology building and a 100-foot research vessel will be ready by the end of 1973. The University has a 64-K Nord-1 computer and there are plans for a larger one.

Tromsø lies north of the Arctic Circle, but because of its coastal position the climate is mild. It has 2 months of midnight sun and 2 months with winter darkness. There are fine opportunities for outdoor life.

Salaries: Professor 87,290,—, Senior Lecturer 80,654,— N.kr./per year. The University will help with housing and other problems. Applications should be sent within 4 weeks after the appearance of this advertisement. Papers should be sent in 5 copies.

For further information contact

University of Tromsø
P.O. Box 635
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Des Moines, Iowa 50309

BIostatistician

Ph.D. to direct statistical aspects of cancer demography project at the University of Hawaii. Knowledge of computer systems required. Immediate employment. Send curriculum vitae to: Dr. C. S. Chung, University of Hawaii School of Public Health, Honolulu, Hawaii 96822.

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DALHOUSIE UNIVERSITY Halifax, Nova Scotia

DIRECTOR OF THE COLLEGE OF PHARMACY

Applications are invited for the position of Director of the College of Pharmacy, Faculty of Health Professions. The Director is responsible for the leadership and the administration of the College of Pharmacy. Dalhousie University is the only University providing pharmaceutical education in the Maritime provinces of Nova Scotia, New Brunswick, and Prince Edward Island of Canada. Appropriate academic and administrative background are important prerequisites for the position. The appointment will be effective 1 July 1973 or earlier. Academic rank and salary level are negotiable according to qualifications and experience. Applications and enquiries should be addressed to: Dean R. M. MacDonald, Faculty of Health Professions, Dalhousie University, Halifax, Nova Scotia, Canada.

Washington State University, Pullman, Washington 99163 USA, an Equal Opportunity Employer.

Postdoctorate. Developmental Biochemistry and the Glyoxylate Cycle. To start 15 November 1972 or later. \$8200 to \$9000. Direct inquiries to:

Prof. B. A. McFadden
Department of Biochemistry
University of Leicester
Leicester, England

ECOLOGIST, Ph.D.

Terrestrial plant ecologist, preferably with interests in community analysis and air pollution effects. Teaching/research position; joint appointment as assistant professor in Biology and Environmental Sciences. Send résumé and recommendations to Dr. Robert Rolan, Head, Environmental Sciences, Cleveland State University, Cleveland, Ohio 44115.

HEAD, DEPARTMENT OF FISHERIES AND WILDLIFE, Oregon State University, Corvallis. Entails administration of a broad program of teaching, research, and extension. Applications are solicited from candidates possessing appropriate degrees, training, and experience. Salary commensurate with qualifications. Expressions of interest by 1 September 1972 will be appreciated. Write to: Dr. Howard F. Horton, Chairman, Nominations Committee, Department of Fisheries and Wildlife, Oregon State University, Corvallis 97331. O.S.U. is an equal opportunity employer.

U.S. NAVAL OBSERVATORY

A senior position is open for an Instrumentalist with a Ph.D. or advanced Engineering Degree in the Astrometry and Astrophysics Division of the U.S. Naval Observatory. Candidate must have professional competence and experience in electronics, computer programming, data processing, and electro-optical-mechanical instrumentation. U.S. citizenship mandatory. Salary range \$18,737 to \$21,960. Send résumé to Dr. P. M. Routly, Director, A & A Division, U.S. Naval Observatory, Washington, D.C. 20390.

PROTEIN CHEMIST

Young Ph.D. Knowledge and experience in study of primary structure of proteins. Contact

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City of Hope
Duarte, Calif. 91010

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For work on protein synthesis in diabetes with emphasis on basement membrane biochemistry. Candidate should be highly motivated, preferably with experience in the fields of protein synthesis and/or the biochemistry of hormone action. Send résumé to:

Dr. Margo Cohen
Department of Medicine
Wayne State University
School of Medicine
540 E. Canfield
Detroit, Michigan 48201

UNIVERSITY OF OTAGO Dunedin, New Zealand

APPOINTMENT IN STATISTICS

Applications are invited for appointment within the range of Lecturer or Senior Lecturer in the Department of Mathematics. Applications will be considered from candidates with qualifications in statistics or operational research.

Salary Scales: Lecturer: \$NZ5,589 to \$7,149 per annum. Senior Lecturer: \$NZ7,278 to \$9,358 per annum with a bar at \$8,579 per annum.

Salary scales are subject to both triennial review and cost-of-living adjustments.

Further particulars are available from the Secretary-General, Association of Commonwealth Universities (Appts), 36 Gordon Square, London WC1H 0PE, England, or from the Registrar of the University.

Applications should be lodged by 15 August 1972, or as soon as possible thereafter.

FELLOWSHIPS

POSTDOCTORAL FELLOWSHIP in dermatologic research for M.D. or Ph.D. 1 October 1972. Research interest in electron microscopy, histochemistry, or immunology. Salary up to \$14,000. Applicant should be a U.S. citizen or have an immigrant visa. Please send all replies to: Dr. Walter F. Lever, Department of Dermatology, Box 314, 185 Harrison Ave., Boston, Mass. 02111.

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FELLOWSHIPS

QUEEN'S FELLOWSHIPS in MARINE SCIENCE

To commemorate the Royal Visit in 1970 the Australian Government established the Queen's Fellowships Scheme. Under this scheme up to five fellowships may be awarded each year for full-time research by young scientists of exceptional promise and proved capacity for original work. These awards are tenable at the Australian Institute of Marine Science, Townsville, an Australian university or approved research institution normally for two years. Tenure of a fellowship is expected to commence within nine months of the announcement of the award.

QUALIFICATIONS. Queen's Fellows should have a Ph.D., or equivalent qualifications, or equivalent research or professional experience, in a discipline applicable in marine science.

Awards will, in general, be restricted to applicants who are not more than 30 years of age on the date when applications close.

STIPEND. \$7,400 (Australian) per annum—increased to \$8,000 per annum at age 28 years.

ALLOWANCES. Allowances are payable in respect of a Fellow's wife (\$500 p.a.), each dependent child (\$200), superannuation payments (up to 10 percent of stipend), appropriate insurance coverage and necessary travel expenses. Host institutions are paid an allowance towards the cost of setting up the fellow and his research work.

APPLICATIONS. Persons interested in applying for the above fellowships should obtain application forms and a statement of the conditions of award from the **Secretary, Queen's Fellowships Committee, Department of Education and Science, P.O. Box 826, Canberra City, A.C.T. 2601, Australia; The Official Secretary, Australia House, Strand, London, W.C.2, England; or The Consul General, Australian Consulate General 636 Fifth Avenue, New York, N.Y. 10020, U.S.A.** Applications for the awards which will be announced in December 1972 close at the Canberra address on 29 SEPTEMBER 1972.

QUEEN ELIZABETH II FELLOWSHIPS IN THE PHYSICAL AND BIOLOGICAL SCIENCES

To commemorate the Royal Visit to Australia in 1963 the Australian Government established the Queen Elizabeth II Fellowships Scheme. Under this scheme up to ten fellowships may be awarded each year for full-time research by young scientists of exceptional promise and proved capacity for original work. These are postdoctoral awards tenable in an Australian university or approved research institution normally for two years. Tenure of a fellowship is expected to commence within nine months of the announcement of the award.

QUALIFICATIONS. Queen Elizabeth II Fellows must be either Australian or United Kingdom citizens. They should have a Ph.D., or equivalent qualifications, in one of the physical or biological sciences (which are deemed to include mathematics and the scientific aspects of statistics, engineering, metallurgy, agriculture and medicine).

Awards will, in general, be restricted to applicants who are not more than 30 years of age on the date when applications close.

STIPEND. \$7,400 (Australian) per annum—increased to \$8,000 per annum at age 28 years.

ALLOWANCES. Allowances are payable in respect of a Fellow's wife (\$500 p.a.), each dependent child (\$200), superannuation payments (up to 10 percent of stipend), appropriate insurance coverage and necessary travel expenses. Host institutions are paid an allowance towards the cost of setting up the fellow and his research work.

APPLICATIONS. Persons interested in applying for the above Fellowships should obtain application forms and a statement of the conditions of award from the **Secretary, Queen Elizabeth Fellowships Committee, Department of Education and Science, P.O. Box 826, Canberra City, A.C.T. 2601, Australia; The Official Secretary, Australia House, Strand, London, W.C.2, England; or The Consul General, Australian Consulate General, 636 Fifth Avenue, New York, N.Y. 10020, U.S.A.** Applications for the next round of awards, which will be announced in DECEMBER 1972, close at the Canberra address on 8 SEPTEMBER 1972.

PEACEFUL USES OF ATOMIC ENERGY

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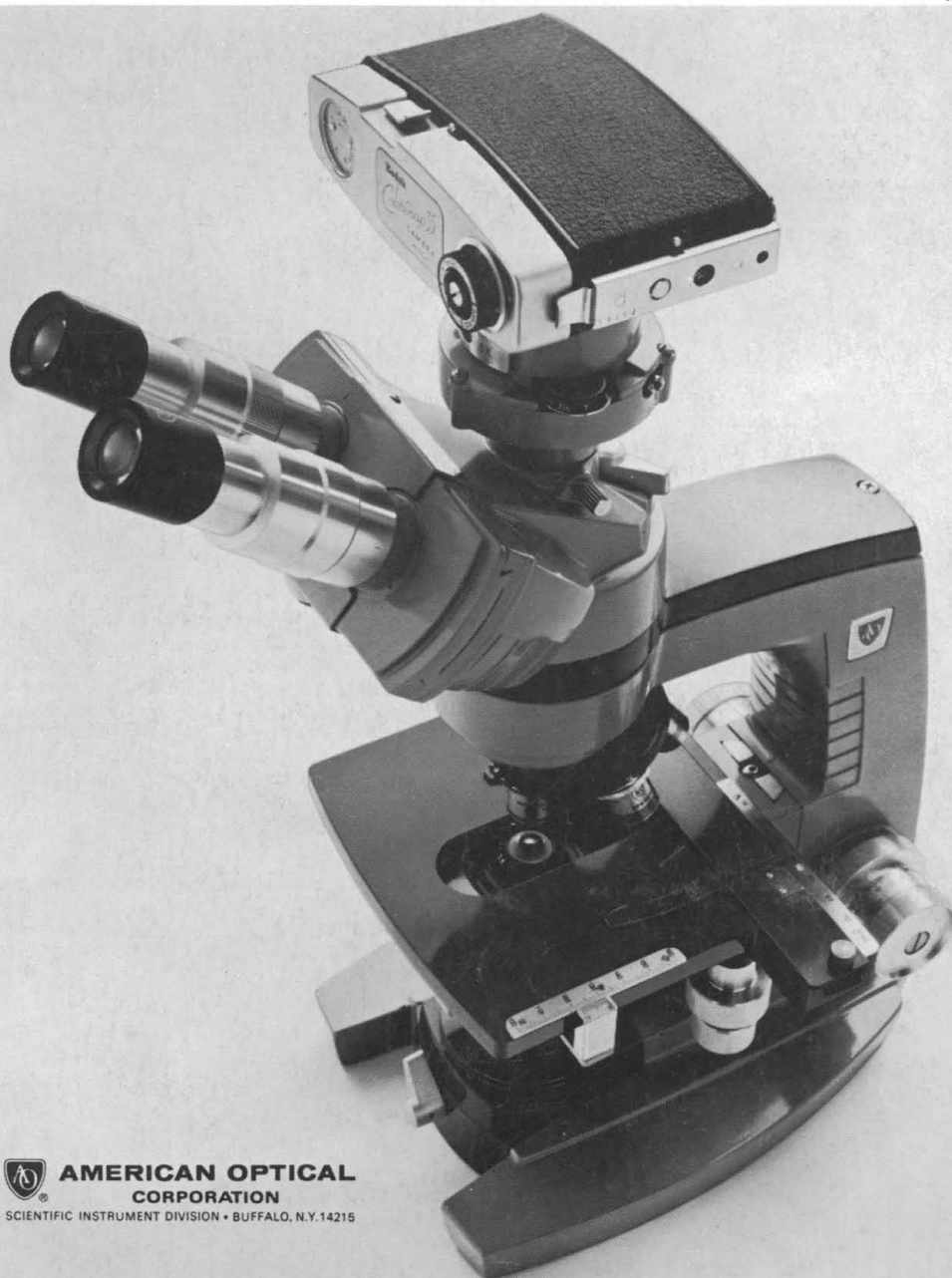
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