

Polymers, and Plastics. Joseph E. Wilson. Dekker, New York, 1974. xiv, 634 pp., illus. \$49.50.

Radiologic Technology. A Future for You. T. J. Jackson. Tiresias Press, New York, 1974. 124 pp., illus. Paper, \$3.95.

Science and Politics. Jean-Jacques Salomon. Translated from the French edition (Paris, 1970) by Noel Lindsay. MIT Press, Cambridge, Mass., 1973. xxii, 278 pp. \$15.

Science and Technology Policies. Yesterday, Today, and Tomorrow. Gabor Strasser and Eugene M. Simons, Eds. Ballinger, Cambridge, Mass., 1974. xxvi, 286 pp., illus. \$11.50.

Seismicity of the Southern California Region. 1 January 1932 to 31 December 1972. James A. Hileman, Clarence R. Allen, and John M. Nordquist. Seismological Laboratory, California Institute of Technology, Pasadena, Calif., 1973. Various paged. Paper, \$15.

Serve the People. Observations on Medicine in the People's Republic of China. Victor W. Sidel and Ruth Sidel. Josiah Macy, Jr. Foundation, New York, 1973. xiv, 318 pp., illus. \$10. The Macy Foundation Series on Medicine and Public Health in China.

Social Research and Basic Computer Programming. Elwood W. Guernsey. Thomas, Springfield, Ill., 1973. xxx, 306 pp. \$15.

Solid State Chemistry and Physics. An Introduction. Vol. 2. Paul Weller, Ed. Dekker, New York, 1974. xviii, pp. 501-934, illus. \$25.75.

Strong Solids. A. Kelly. Clarendon (Oxford), New York, ed. 2, 1973. xvi, 286 pp., illus. + plates. \$22.50. Monographs on the Physics and Chemistry of Materials.

Structure and Bonding. Vol. 15, Coordinative Interactions. J. D. Dunitz, Ed. Springer-Verlag, New York, 1973. iv, 192 pp., illus. Paper, \$23.

Structure and Bonding. Vol. 16, Alkali Metal Complexes with Organic Ligands. J. D. Dunitz, Ed. Springer-Verlag, New York, 1973. iv, 190 pp., illus. Paper, \$23.

Study Guide to Accompany Psychology. B. von Haller Gilmer. Prepared by B. von Haller Gilmer and Nancy G. Streff. Harper and Row, New York, ed. 2, 1973. viii, 210 pp. Paper, \$2.95.

Topics in Stereochemistry. Vol. 8. Ernest L. Eliel and Norman L. Allinger, Eds. Interscience (Wiley), New York, 1974. xii, 436 pp., illus. \$24.50.

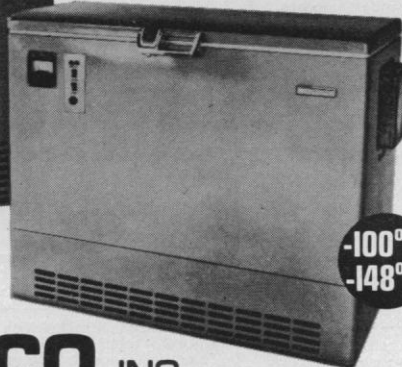
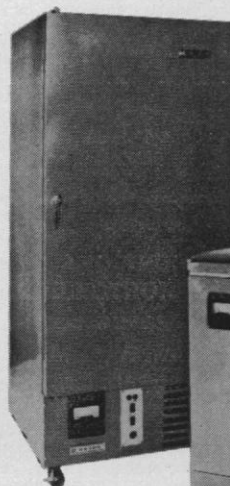
Toxicants Occurring Naturally in Foods. Committee on Food Protection, Food and Nutrition Board, National Research Council, National Academy of Sciences, Washington, D.C., ed. 2, 1973. viii, 624 pp., illus. \$10.50.

Understanding Scientific Literatures. A Bibliometric Approach. Joseph C. Donohue. MIT Press, Cambridge, Mass., 1973. xiv, 102 pp., illus. \$10.

Workbook in Basic Computer Programming (Fortran IV). Elwood Guernsey. Thomas, Springfield, Ill., 1973. vi, 186 pp. Paper, \$11.75.

Wrapped for Eternity. The Story of the Egyptian Mummy. Mildred Mastin Pace. Illustrated by Tom Huffman. McGraw-Hill, New York, 1974. 192 pp., illus. \$6.95.

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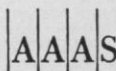
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Bioengineer, Ph.D. Extensive experience in Communications, Electronics, Control Systems, Simulation, Man-machine Systems, Biosystems, Prostheses. Academic and industrial. Seeks change to new position of teaching/research/development challenge. Box 297, **SCIENCE**. X

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Assistant or Associate Professor, M.D., California license. Board qualified in Medicine required with extensive experience in chemistry of hemoglobin and red blood cells. Please submit curriculum vitae and three letters of reference by 31 July 1974. Inquiries should be addressed to **Dr. Helen Ranney, Chairman, Department of Medicine, University Hospital, 225 W. Dickinson St., San Diego, Calif. 92103**. *An Equal Opportunity/Affirmative Action Employer*.

ASSISTANT PROFESSOR

Position available in the Department of Surgery, University of Michigan Medical School. Must be Board certified in General Surgery with expertise in clinical transplantation and/or oncology. Candidate should have prior research experience in a basic science, such as immunology. Must assume a supervisory role in patient management in above disciplines. Should be able to establish an independent research effort and compete for extramural research funds. Is to participate in pre- and postdoctoral education programs and to assume some administrative duties within the department. Send résumé to **Box 326, SCIENCE**. *A Nondiscriminatory Affirmative Action Employer*.

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Applications are invited for an opening at the level of assistant professor starting September 1975. Candidates must have broad training in molecular biology and a strong commitment to teaching and research in a particular area of molecular biology. Although the exact area of research is not critical, it is required that the approach to a research problem be at the molecular level. Interested candidates should have three letters of recommendation regarding teaching and research and a curriculum vitae sent to: **Dr. A. G. Loewy, Chairman, Biology Department, Haverford College, Haverford, Pa. 19041**. *An Equal Opportunity/Affirmative Action Employer*.

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In the Department of Internal Medicine, University of Michigan Medical School. Candidates must be Board qualified in Internal Medicine and Cardiology. Must have training and experience in invasive and noninvasive techniques and commitment to teaching and research. To staff or direct Section of Cardiology at Veterans Administration Hospital in coordination with the Cardiology Section at University Hospital. Send résumé to **Box 329, SCIENCE**. *A Nondiscriminatory Affirmative Action Employer*.

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Minorities welcome. Salary \$15,500. Appointment for 1 year with option for renewal if mutually agreeable and funds are available.

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Ph.D. and experience in enzymology. To work in genetic disease and other disorders of human metabolism. Current emphasis on storage disorders. Send curriculum vitae and list of three references to: **Dr. W. R. Bergren, Director of Research, Childrens Hospital of Los Angeles, P.O. Box 54700, Los Angeles, California 90054.** Applications from women and members of minority groups are welcome.

BIOCHEMIST

A position at the rank of Assistant Professor is available in the Department of Biochemistry, College of Medicine, University of Saskatchewan. Applicants must have a Ph.D. and/or M.D. degree and have training and interests in the area of nutritional biochemistry. Duties will include research and teaching of biochemistry and nutrition to undergraduate and graduate students. Effective date of appointment is negotiable. Salary will be commensurate with experience and training. Send curriculum vitae and names of three referees to **Dr. J. D. Wood, Chairman, Department of Biochemistry, University of Saskatchewan, Saskatoon, Saskatchewan, Canada S7N 0W0.**

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THE BIOLOGY DIVISION OF THE OAK RIDGE NATIONAL LABORATORY seeks a veterinarian (D.V.M.) to assist in providing a high quality program of care for its research animals.

The initial functions of the position will be to supervise the diagnostic laboratory and to develop and maintain programs of preventive medicine. Subsequently the successful applicant will assume responsibilities in management, training, research support, and research in laboratory animal medicine.

The Biology Division is one of the world's major biological research centers and conducts an extensive program of graduate education in biomedical sciences as well. Supporting the Division's use of experimental animals is the Laboratory Animal Resources Section, which manages more than 100,000 square feet of modern animal facilities and with a staff of more than 75 persons, provides for the care and health of about 300,000 experimental animals.

Send résumé, academic transcripts, and salary requirements to:



Calvin E. Lamb
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Union Carbide Corp., Nuclear Div.
P.O. Box X
Oak Ridge, Tennessee 37830

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POSITIONS OPEN

Ph.D. PSYCHOLOGIST

Ph.D. Psychologist to be responsible for carrying out specific phases of research with non-human primates. The applicant should be competent in telemetering and telemetry of discrete brain areas, have a thorough knowledge of the neuroanatomy of *Macaca speciosa*, experience in the recording of single unit activities in the awake animal, and must know how to suppress stimulus artifacts. Other duties involve biochemical assays of perfusates obtained from push-pull cannula and iontophoretic studies of neuronal activities in CNS.

Assistant Professor level. Send applications to **Professor James Maas, Department of Psychiatry, Yale University School of Medicine, 333 Cedar Street, New Haven, Conn. 06510. An Equal Opportunity Employer.**

PLANT PHYSIOLOGIST. Research position available, University of Idaho Research and Extension Center, Kimberly, Idaho. Ph.D. required in plant physiology, and demonstrated ability to initiate and lead research, basic and applied. Research will involve plant growth, metabolism, translocation, and accumulation of photosynthates in field crops under environmental stress. Closing date for applications: 15 August 1974. Request application forms from **W. J. Kochan, University of Idaho Research and Extension Center, Parma, Idaho 83660. The University of Idaho is an affirmative action employer.**

RENAL PHYSIOLOGIST

Applications are invited from individuals with Ph.D. and/or M.D. degrees for a position as renal physiologist at the Assistant Professor or Associate Professor level in a young, growing medical college. The appointee will be expected to participate in teaching renal physiology to medical students in an integrated medical sciences curriculum and to engage in and supervise graduate students in biomedical research. Send curriculum vitae and supporting information to: **Dr. G. Colin Budd, Department of Physiology, Medical College of Ohio, P.O. Box 6190, Toledo, Ohio 43614.**

RESEARCH ANALYST

State Uses Of Remote Sensing Data

Research Analyst to initiate and maintain discussions with state and local agencies regarding data practices, needs, and opportunities for operational uses of Earth observation data from air- and spacecraft. M.S./M.A. in Earth Sciences, Economics, Engineering, Political Science, Public Administration, or related fields. Knowledge of remote sensing technology preferred. Some writing, public speaking, and travel. Start immediately. *Equal opportunity and affirmative action employer.* Contact **Prof. L. F. Eastwood, Center for Development Technology, Box 1106, Washington University, St. Louis, Mo. 63130.**

RESEARCH ASSOCIATE

Immediate opening tumor immunology, west coast medical school. Experience in tumor antibodies and immunochemistry desired. *An equal opportunity employer.*

Box 331, SCIENCE

RESEARCH ASSOCIATE

Biophysicist or biomedical engineer with physiology background to take charge of research program to develop carbon dioxide laser surgical instrumentation and techniques.

**Dr. Hugh Beckman
Sinai Hospital of Detroit
6767 West Outer Drive
Detroit, Michigan 48235**

RESEARCH POSITION

in the Max-Planck-Institut für biologische Kybernetik, Tübingen, West-Germany, available. No teaching obligation. Preferred field: Light- and Electronmicroscopy of central gray matter. Write to: **Prof. Dr. Valentino Braitenberg.**

SUPERVISOR

Infectious and immune diseases diagnostic laboratory. Requires M.S. or experience in immunology and virology techniques. New method development optional. Available July. Send curriculum vitae, letters to **Dr. N. Sharon, Department of Pathology, Evanston Hospital, 2650 Ridge, Evanston, Ill. 60201.**

SOCIAL SCIENTIST, MANAGEMENT, STATISTICAL, COMPUTER SKILLS—Major new research center with multi-million dollar endowment is seeking a social scientist who has managerial, statistical, and computer skills to direct computer services and carry out his own research program. The institute is devoted to expanding the knowledge base in the general area of child and youth development and welfare. An interdisciplinary staff will consist of psychologists, sociologists, educators, anthropologists, social workers, and economists. A visiting program of distinguished guest scholars from major research centers also will be initiated. The Director of Management Information Services must have strong training in quantitative applications of the social sciences, in statistics, and in computer skills. He must also have a strong background in management and administration in order to coordinate the work of the center with other major research, academic, and service institutions. He will be charged with planning and selection of hardware and software configurations as well as staffing the computation unit. Knowledge of experimental and quasi-experimental design and the area of measurement would be useful as well as techniques of analysis of variance and co-variance, multiple regression, and other commonly used statistical approaches. Good consulting skills are required. The position is designed to give the individual who is selected an opportunity to design and carry out his own research as well. Salary and other benefits are negotiable. Send curriculum vitae, four references, and letter of interest to: **Dr. Walter W. Hudson, Washington University, Box 1196, St. Louis, Missouri 63130.**

TOXICOLOGIST/ENVIRONMENTAL HEALTH LABORATORY DIRECTOR to assist in development and conduct of research in environmental toxicology including studies on mutagenicity, carcinogenicity, and teratology and other topics as well. In addition, this person will have administrative and scientific direction of environmental health laboratory facilities and participate in both undergraduate and graduate teaching programs to begin September 1974. Appropriate Ph.D. degree required in addition to a minimum of 5 years experience and evidence of productive scientific output. Should be certified or eligible for certification by the American Board of Industrial Hygiene. Women and minorities are encouraged to apply. Send résumé and references to: **Chairman, Department of Environmental Health SC-34, School of Public Health, and Community Medicine, University of Washington, Seattle, Washington 98195.**

WILDLIFE MANAGEMENT

Two positions, salary and rank commensurate with education and experience, Ph.D. desired. Duties: teaching wildlife management, wildlife ecology, big game management, advising students, and management-oriented research. Send résumé, transcripts, three references to **Dr. James Peek, Chairman, Wildlife Search Committee, College of Forestry, Wildlife and Range Sciences, University of Idaho, Moscow, Idaho 83843. The University of Idaho is an equal opportunity/affirmative action employer.**

REQUEST FOR PROPOSAL

TO DEVELOP AND CONDUCT A COURSE ON THE ENVIRONMENT FOR THE AMERICAN RIGHT OF WAY ASSOCIATION

The American Right of Way Association, which has a membership of over 10,000 members, plans to provide for its members a short introductory course on the environment, dealing with environmental characteristics, principles, problems, laws, organizations and solutions. The course objective is to enable those attending to achieve a basic understanding of these matters.

The prospectus for the course provides for the compilation and development of reference materials, development of a training curriculum and materials for the course, and the presentation of two course sessions. Optional items are the preparation of manuscripts for textbooks, the preparation of an extension course and administering the extension course. Bids are to be received not later than 1 October 1974.

Interested firms and individuals are invited to obtain instructions and the prospectus from the **Executive Director, American Right of Way Association, Suite 504, 3727 W. Sixth Street, Los Angeles, California 90020.**

FELLOWSHIP

HEMATOLOGY RESEARCH FELLOWSHIP

Unexpected opening available from 1 July 1974 at the Saint Vincent Hospital in Worcester. The research fellowship is NIH supported and involves studies of transmembrane Ca^{2+} , Mg^{2+} movements, membrane proteins and physical properties of red cell membranes in hemolytic anemias. Send résumé to **Jiri Palek, M.D., Center for Blood Research, Suite 6A, 110 Francis Street, Boston, Mass. 02215.**

FELLOWSHIP

POSTDOCTORAL FELLOWSHIP IN NEUROPHARMACOLOGY

Applicants holding the Ph.D. or M.D. degree will be considered for a Research Fellowship in Neuropharmacology/Neurophysiology. Research training will emphasize electrophysiological techniques, such as extracellular and intracellular recording and iontophoretic studies of central chemical transmission mechanisms in mammals. Starting date open. For information write: **M. Randic, Associate Professor, Department of Biochemistry and Pharmacology, Tufts University School of Medicine, 136 Harrison Avenue, Boston, Mass. 02111.**

TRAINING SESSION

UNIVERSITY OF CHICAGO MULTIVARIATE ANALYSIS OF QUALITATIVE DATA TRAINING SESSION

September 4-7, 1974

Study in this session will focus on three powerful computer programs for the analysis of qualitative data by log-linear models and item analysis and scale construction. The session will include lectures and computer lab work. Write: **R. D. Bock, University of Chicago, 5835 S. Kimbark Ave., Chicago, IL 60637.**

INTERNATIONAL CONGRESS

Vth International Biophysics Congress 1975

COPENHAGEN, 4th-9th August 1975

The Vth International Biophysics Congress will be held in Copenhagen from 4th to 9th August 1975. The opening and closing plenary sessions will be concerned with:

- 1 Secretory epithelia and the active transport of ions,
- 2 Electrical and chemical excitation. The scientific programme will also include symposia organised by the Union's Special and Affiliated Commissions on:
- 3 The role of proteins in membranes,
- 4 Ionic channels, ionophores, and noise in membranes,
- 5 The dynamics of macromolecules,
- 6 Spectroscopic methods and biological structure,
- 7 Cell injury and repair processes,
- 8 Fundamental studies with light and other types of radiation,
- 9 The assembly and structure of membranes
- 10 Bioenergetics,
- 11 Contractile systems,
- 12 Structural characteristics and rheology of biological membranes.

On two evenings there will be symposia in memory of Aharon Katchalsky. Contributed communications will be presented at Poster Sessions.

In connection with the Congress an exhibition of scientific instruments will be arranged. Interested manufacturers should apply to the Congress Secretariat. Those wishing to attend the Congress should apply for pre-registration forms to:

Vth International Biophysics Congress
c/o DIS Congress Service
3, Knabrostraede
DK 1210 Copenhagen K
Denmark

The deadline for pre-registration is 17th August 1974. Since the number of hotel rooms available in Copenhagen is limited, late applicants may have to find their own accommodation.

The number of participants will be limited to 2,300 active participants, 200 students and 500 accompanying family members. Priority will be given to persons who have first sent in the pre-registration form and fee.

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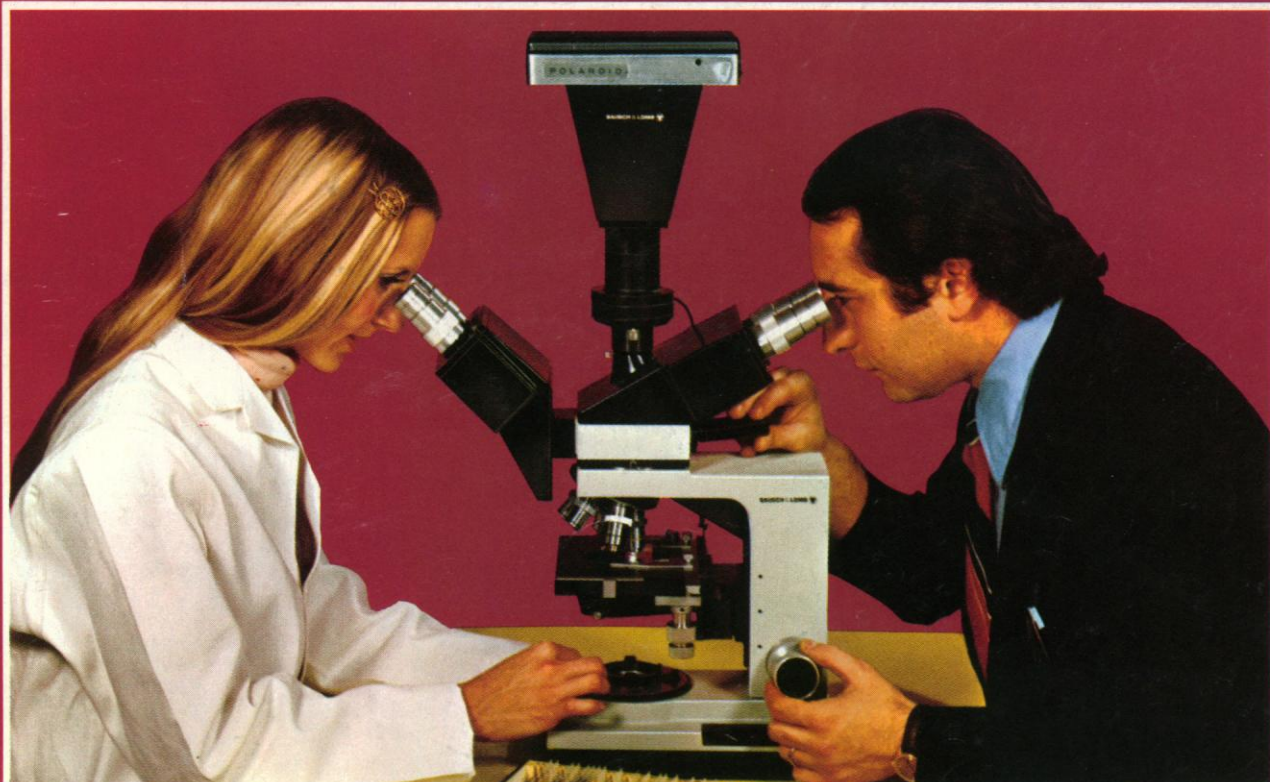
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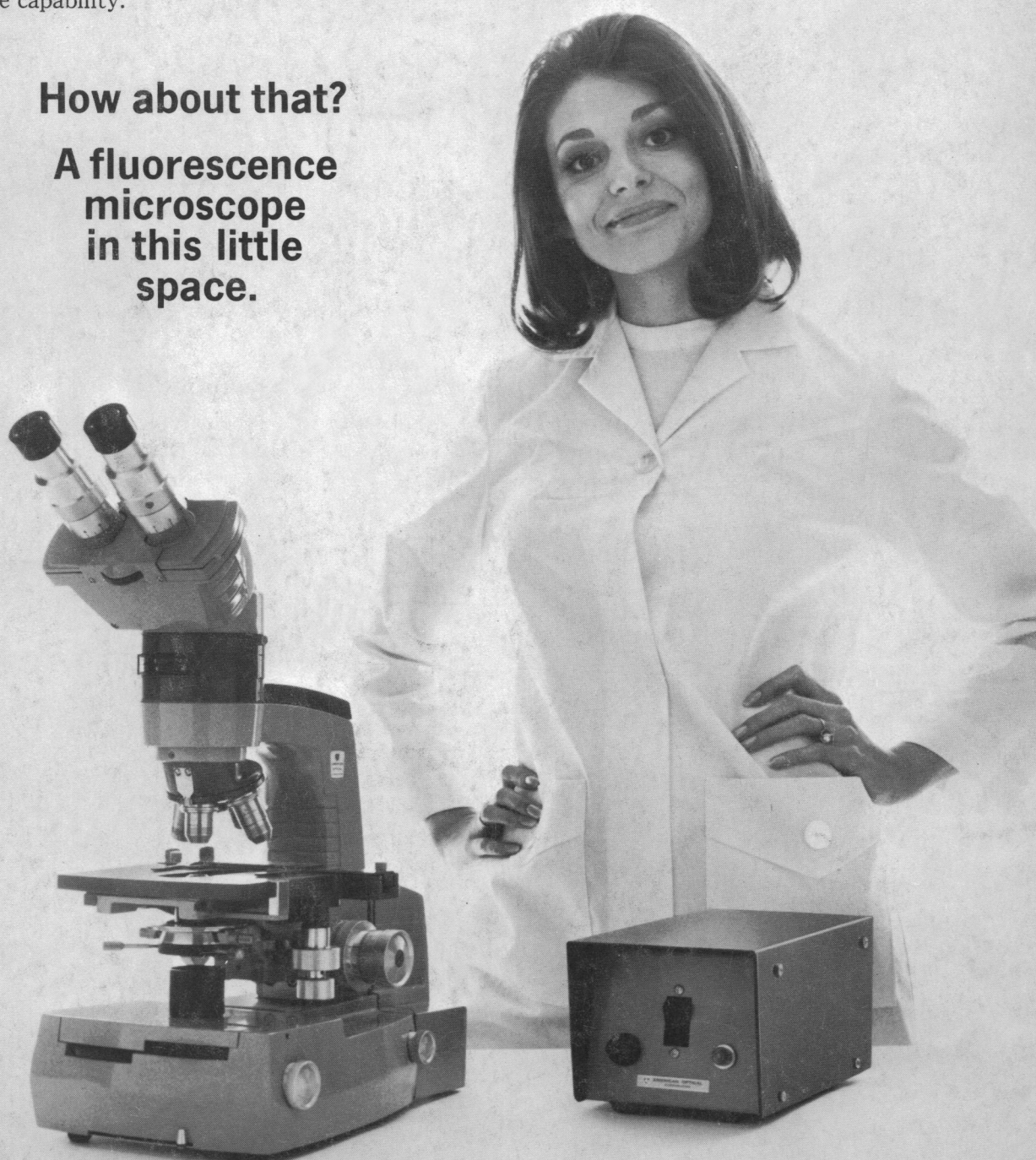


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