

Acad. of Sciences, Golden Gate Park, San Francisco 94118)

12-14. **Frequency Control**, 27th symp., Atlantic City, N.J. (J. R. Vig, U.S. Army Electronics Command, Fort Monmouth, N.J. 07703)

12-16. American Assoc. of **Bioanalysts**, Miami Beach, Fla. (D. Birenbaum, AAB, 805 Ambassador Bldg., 411 N. 7 St., St. Louis, Mo. 63101)

14-16. American Assoc. of **Physics Teachers**, Reno, Nev. (W. V. Johnson, AAPT, 1785 Massachusetts Ave., NW, Washington, D.C. 20036)

16-20. Canadian **Pediatric Soc.**, Sherbrooke, P.Q., Canada. (J. H. V. Marchessault, Centre Hôpital Universitaire, Sherbrooke Univ., Sherbrooke)

16-24. American **Physical Therapy Assoc.**, Houston, Tex. (R. Noland, APTA, 1156 15th St., NW, Washington, D.C. 20005)

16-24. National **Speleological Soc.**, Bloomington, Ind. (L. A. Klein, Apt. 18-0, 98-30 57th Ave., Flushing, N.Y. 11368)

17-20. American Soc. of **Agricultural Engineers**, Lexington, Ky. (J. L. Butt, ASAE, P.O. Box 229, St. Joseph, Mich. 49085)

17-21. **Health Physics Soc.**, 18th annual, Miami Beach, Fla. (S. C. Bushing, Dept. of Radiology, Baylor College of Medicine, Houston, Tex. 77025)

17-22. American **Crystallographic Assoc.**, Storrs, Conn. (Mrs. E. E. Snider, ACA, 335 E. 45 St., New York 10017)

17-22. **Cytopharmacology of Secretion**, 2nd intern. symp., Venice, Italy. (F. Clementi, Istituto di Farmacologia, Università di Milano, Via Vancitelli 32, 20129 Milan, Italy)

17-22. **Ecological Soc. of America**, Amherst, Mass. (J. F. McCormick, Dept. of Botany, Univ. of North Carolina, Chapel Hill, N.C. 27514)

17-22. American Soc. of **Medical Technologists**, Boston, Mass. (Mrs. N. Preuss, 116 W. Frier Dr., Phoenix, Ariz. 85021)

17-22. International Symp. on **Purine Metabolism in Man**, Tel-Aviv, Israel. (Mrs. K. Tchetchik, ISPM, P.O. Box 16271, Tel-Aviv)

18-20. Union Intern. des **Laboratoires Indépendants**, 7th general assembly, Wiesbaden, Germany. (A. Herzka, Ashbourne House, Alberon Gardens, London, NW11 0BN, England)

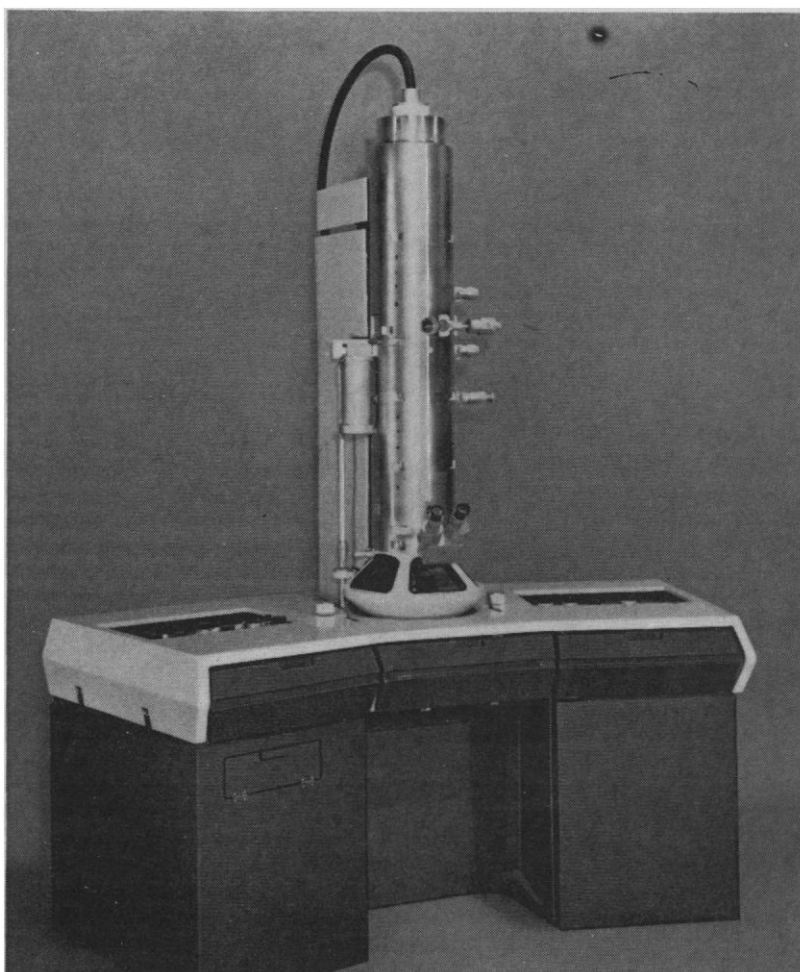
18-21. Society for **Industrial and Applied Mathematics** and Inst. for Computer Applications in Science and Engineering, Hampton, Va. (SIAM, 33 S. 17 St., Philadelphia, Pa. 19103)

18-21. American Soc. of **Plant Physiologists**, Calgary, Alta., Canada. (W. H. Klein, Smithsonian Radiation Biological Lab., 12441 Parklawn Dr., Rockville, Md. 20852)

18-22. International College of **Psychosomatic Medicine**, 2nd congr., Amsterdam, Netherlands. (A. J. Krakowski, 202A Cornelia St., Plattsburgh, N.Y. 12901)

21-23. **Viral Replication and Cancer**, 2nd Duran Reynals Intern. Symp., Barcelona, Spain. (J. Oro, Dept. of Biophysics Sciences, Univ. of Houston, Houston, Tex. 77004)

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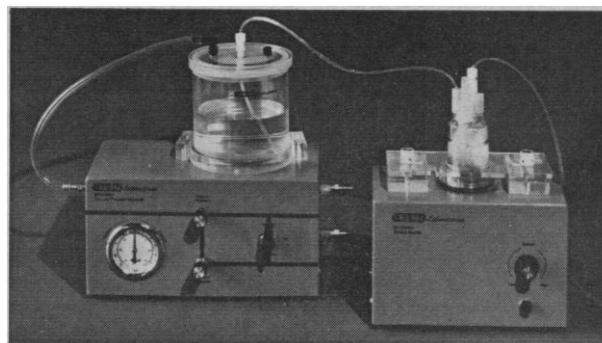
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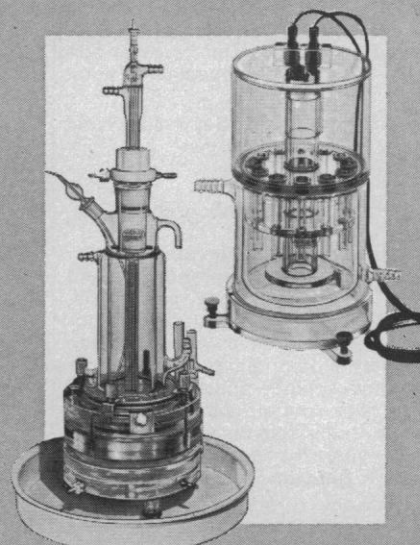
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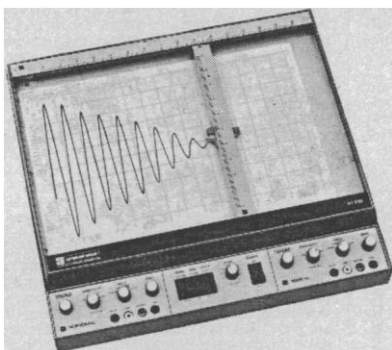
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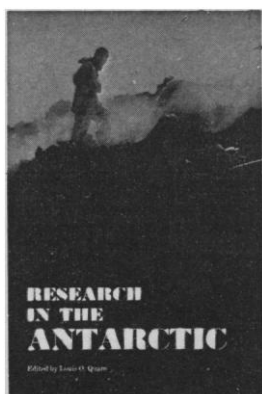
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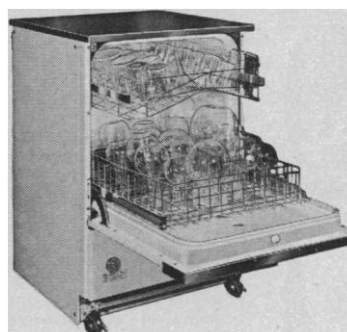
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Applications or nominations are invited for one faculty appointment in **geochemistry** (organic, inorganic, or isotopic) and one in **paleobiology** (paleontology or paleoecology, with research specialty in any plant or invertebrate animal group). 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

POSITION IN BIOMEDICAL ENGINEERING

Position available in the Department of Mechanical Engineering for research and teaching in an interdisciplinary program of Engineering and the Life Sciences. Applicant should have a doctoral degree with competence and research experience in one or more of the following areas: Bio-Rheology, Hemodynamics, Control Theory, Biodynamics, and Biomedical Instrumentation. It is assumed the applicant will do research in Biomedical Engineering and some teaching in Mechanical and/or Biomedical Engineering subjects.

Application containing curriculum vitae should be sent to **Dr. R. Eichhorn, Chairman of Department of Mechanical Engineering, University of Kentucky, Lexington, Kentucky 40506.**

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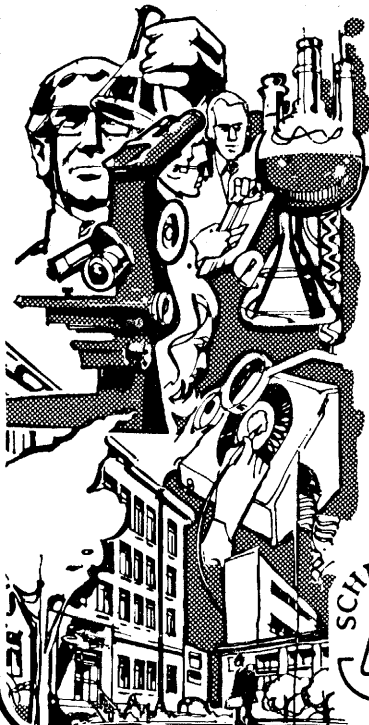
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The incumbent will assist the Director in carrying out the approved research program and in developing future research programs. Present major facilities include an EN Tandem van de Graaff accelerator and a nominal 2-Mev pressurized Cockcroft-Walton generator.

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The salary scale attached to the post is R7500 x 300 to R9900 which is that of a full professorial post. The post is a tenured one with a probationary period of 2 years.

For information sheet please write the Registrar, University of the Witwatersrand, Jan Smuts Avenue, Johannesburg, South Africa, as soon as possible.

DEVELOPMENTAL BIOLOGIST

The Department of Zoology of The University of Michigan is seeking a Developmental Biologist of molecular orientation with interests in mechanisms of gene regulation in development, or developmental neurobiology. The appointment is at the rank of assistant professor. Responsibilities include research and teaching in the area of developmental biology. Applications, including curriculum vitae and three independent letters of recommendation, should be sent to **Professor Sally L. Allen, Department of Zoology, University of Michigan, Ann Arbor, Michigan 48104.**

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Division Chairman for Science and Mathematics

Academic Administrator for undergraduate science program; Ph.D. or equivalent in Chemistry, Life Sciences, Geology, Physics, or Mathematics; minimum 5 years administrative and/or teaching experience. Rank and salary commensurate with qualifications. Appointment effective 1 September 1973. Send résumé to: **Dean Bennett, Indiana State University, Evansville, Evansville, Indiana 47712.** An Equal Opportunity Employer

Faculty opening in biochemistry, nucleic acid biosynthesis, 2 to 3 years of postdoctoral experience, assistant professor, Department of Chemistry, University of Montana, Missoula, Montana 59801.

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Applications are invited for the following full-time faculty position at the level of Assistant Professor: **Electron Microscopist** with a D.V.M., Ph.D., or equivalent degree. The position will involve participation in teaching and research in an interdepartmental electron microscopy facility in the Center for Laboratory Animal Resources and the Department of Pathology, College of Veterinary Medicine. Applicant should have versatility in the field of cell biology, pathology, or laboratory animal medicine. Duties include the development of independent research program and participation in interdisciplinary veterinary medical programs. Applicant should have training and competence in the use of the electron microscope and the ability and motivation to develop an independent research program. Training, experience and potential for future development will be determining factors in this appointment. Please send résumé to **Dr. Hyram Kitchen, Center for Laboratory Animal Resources, Michigan State University, East Lansing, Michigan 48823.**

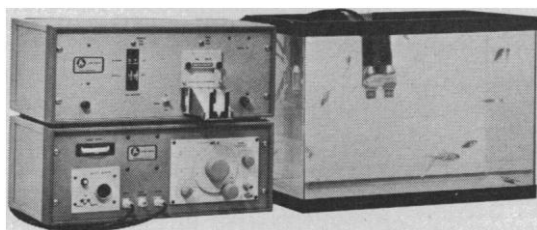
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Our pharmaceutical toxicology department currently has a need for a veterinarian with advanced training and/or experience in pathology. Board certification is preferred but not required. Duties will consist of histo-pathological and gross pathological evaluations and involvement in animal drug safety assessment. Electron microscopy facilities are available and opportunity exists to conduct independent research and do experimental surgery. Publications are also strongly encouraged.

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Qualified candidate should forward their curriculum vitae WITH PRESENT SALARY AND REQUIREMENTS to: Robert T. Moran, Supervisor, Employment.

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Ayerst Laboratory is seeking a pathologist for our present vacancy in our animal health division. A D.V.M., M.D., or PH.D. is required and board certification in pathology is desirable. Responsibilities will include experimental design, directing the histology laboratory, interpreting and evaluating histological sections, providing histological service for veterinary research as well as preparing reports for submission to government regulatory agencies.

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- Developing and conducting research programs for in-depth pharmacological and toxicological assessment of potential drug candidates. While special emphasis will be placed on drugs selected for GI use, other pharmacological disciplines will be considered.
- Supervising junior personnel and maintenance of a close working relationship with other senior scientists.
- Assisting in the expansion of on-going research and development programs.

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THE UNIVERSITY OF ALBERTA DEPARTMENT OF GENETICS GENETICIST

Applications are invited for an anticipated position which may be filled at the rank of Assistant or Associate Professor, effective July 1973. The salary will be commensurate with the appointee's qualifications and experience. Curriculum vitae and the names of five referees should be submitted by 31 March 1973 to: **Dr. R. C. von Borstel, Chairman, Department of Genetics, University of Alberta, Edmonton, Alberta, Canada T6G 2E9.**

University of Pennsylvania, School of Medicine, Department of Human Genetics. In accordance with University principles of fair practice employment, applications are invited for two faculty appointments. Training and experience should include fundamental genetics and special qualifications in one of the following areas: Human Population Genetics and Somatic Cell Genetics. Although not essential an M.D. degree would be a valuable qualification. Faculty rank commensurate with background and experience. Write: **Chairman, Department of Human Genetics, University of Pennsylvania School of Medicine, Philadelphia, Pennsylvania 19104.**

MEDICAL ENTOMOLOGIST

Biological Survey, New York State Science Service, Associate Scientist (Entomology). Will conduct research on insects and other arthropods of medical importance, with emphasis on mites and ticks, including taxonomy, biology, and control. Competitive salary, excellent fringe benefits, and moving expenses. Send résumés to **Mr. George Delamar, Personnel, State Education Department, Albany, New York 12224.**

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The Natural Resources group within the Division undertakes research into methods of assessing the natural resources of large areas of land. Within this group, the Hydrology Unit is concerned with techniques for the reconnaissance estimation of water resources, parametric description of hydrologic characteristics, deterministic catchment modelling, data acquisition, processing, storage and interchange.

A senior scientist is required to lead the Hydrology Unit and, in particular, to be responsible for the development and application of a deterministic hydrologic catchment model from data from the Australian Water Resources Council Representative Basin programme. This involves collaboration with State water authorities in a programme of 86 catchments sampling the entire range of hydrologic conditions in Australia.

Applicants should have a substantial record of research achievement in one of the fields of applied mathematics, hydrology, physics, engineering or computer science. Experience in deterministic hydrologic modelling is essential.

The appointment will be made within the salary ranges of Principal Research Scientist or Senior Principal Research Scientist: \$12,107—\$16,317 p.a.

This position is available for an indefinite period and Commonwealth Superannuation benefits are available.

Applications stating full personal and professional details, the names of at least two referees, and quoting reference number 618/321, should reach:

The Chief, Division of Land Research, CSIRO, P.O. Box 1666, CANBERRA CITY, A.C.T. 2601, AUSTRALIA.

by 9 February 1973.

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Ph.D. neurophysiologist or bio-med engineer wanted to direct ongoing research program on the auditory system. Thesis and/or work experience in microelectrode techniques, computer analysis, and mathematical modeling required. Send résumé to: **University of Dayton, Research Institute, Personnel Office, 300 College Park Avenue, Dayton, Ohio 45469.**

POSTDOCTORAL RESEARCH ASSOCIATE

Position available for 1 to 2 years. Research on biogenic amines in stressed vertebrates and invertebrates in a well-equipped laboratory. Recent Ph.D. in biochemistry or in other biological sciences with chemistry background. Send vitae to **Dr. U. E. Brady, Department of Entomology, University of Georgia, Athens, Georgia 30601.**

Assistant or Associate Professor, Psychology. To teach undergraduate and graduate courses in Organizational/Community Psychology. Should have competencies in some of the following: Teaching, research, experience in organizational and/or community development, supervision of field work. To start Fall 1973. Should have completed Ph.D. or expect to complete by time of appointment. Affirmative action employer. Send vita and recommendations to: **Arnold Tannenbaum, Department of Psychology, The University of Michigan, P.O. Box 1248, Ann Arbor, Michigan 48106.**

JOINT APPOINTMENT IN THE DEPARTMENTS OF PSYCHOLOGY AND ZOOLOGY

Assistant Professor with recent Ph.D. and background in Psychology, Zoology, and/or Biological Anthropology for undergraduate and graduate teaching with an ethological and comparative approach to animal behavior, and with research interests in vertebrate behavior. Send résumé, letter of interest, and three letters of recommendation before 15 February 1973 to **Professor William C. Stebbins, Chairman of the Search Committee, Kresge Hearing Research Institute, University of Michigan, Ann Arbor, Michigan 48104.** A nondiscriminatory, affirmative action employer.

SEISMOLOGIST

Geological Survey, New York State Science Service. Senior staff position in research and applied seismology. Potential collaboration with geologists and seismologists. Requires doctorate and 4 years of seismology experience or equivalent. Competitive salary, excellent fringe benefits, and moving expenses. Send résumés to **Mr. George Delamar, Personnel, State Education Department, Albany, New York 12224.**

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Recent Ph.D. in Vertebrate Zoology or Mammalogy primarily to instruct in vertebrate morphology at the undergraduate level and aid in freshman biology course. Candidate must also be interested in research, teaching, and directing students at the graduate level. Salary and rank commensurate with experience. Send résumé to **Dr. R. W. Belknap, Chairman, Department of Biology, Creighton University, Omaha, Nebraska 68131.**

GRADUATE STUDY

NOTICE OF RESEARCH TRAINING PROGRAM

The Fertilization and Gamete Physiology Research Training Program will be held at the Marine Biological Laboratory, Woods Hole, Mass., 12 June to 25 August 1973. Emphasis will be on immunological, cytological, biochemical, and physiological research on marine organisms available at Woods Hole. Pre- and postdoctorals are accepted. Financial support is available for U.S. nationals. Applications must be filed by 15 February 1973 with: **Dr. Charles B. Metz, Institute for Molecular and Cellular Evolution, University of Miami, 521 Anastasia Avenue, Coral Gables, Florida 33134.**

GRADUATE ASSISTANTSHIPS IN BIOCHEMISTRY AND MOLECULAR BIOLOGY. Teaching and research assistantships leading to M.Sc. and Ph.D. degrees available for academic year 1973-74. Modern laboratories with excellent facilities. Wide variety of research projects. Stipend for teaching assistantships range from \$3700 to \$4500 plus remission of fees; research assistantships range from \$3000 to \$4000. Apply **Chairman, Department of Biochemistry, University of Alberta, Edmonton, Alberta, Canada.**

PREDOCTORAL TRAINEESHIPS IN BIOMETRY. Applications are sought from candidates with training in the health sciences and substantial supplementary training in mathematics for traineeships in biometry. The doctoral program is strongly based on statistical theory and probability with special courses and applications in the health sciences together with an internship program and the continuation of study in a health science. Stipends are at prevailing federal rates and tuition is paid—open to U.S. citizens and permanent residents. Other fellowships and assistantships for graduate study in statistics, probability, and operations research are available also. Inquiries to **Dr. R. A. Bradley, Head, Department of Statistics, Florida State University, Tallahassee, Florida 32306.**

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CORRECTION

The Physicians Wanted advertisement by VITAM Center Inc. in the 3 November issue erroneously stated that Vitam Center Inc. was rated as a model program by the President's Special Action Office for Drug Abuse Prevention. The Special Action Office for Drug Abuse Prevention has not rated and does not rate this or any other drug abuse or rehabilitation program. Medical Director, Vitam Center Inc.

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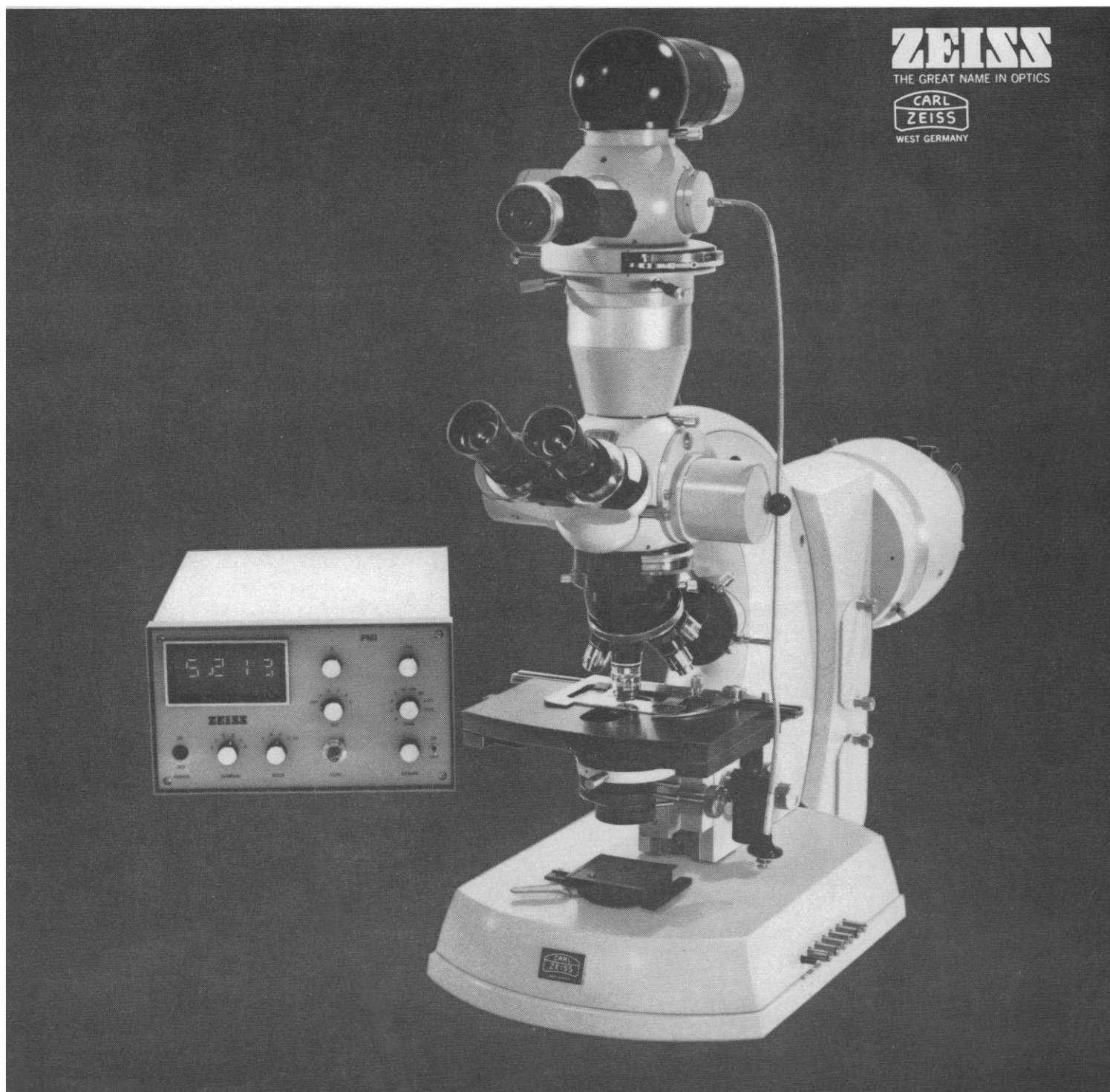
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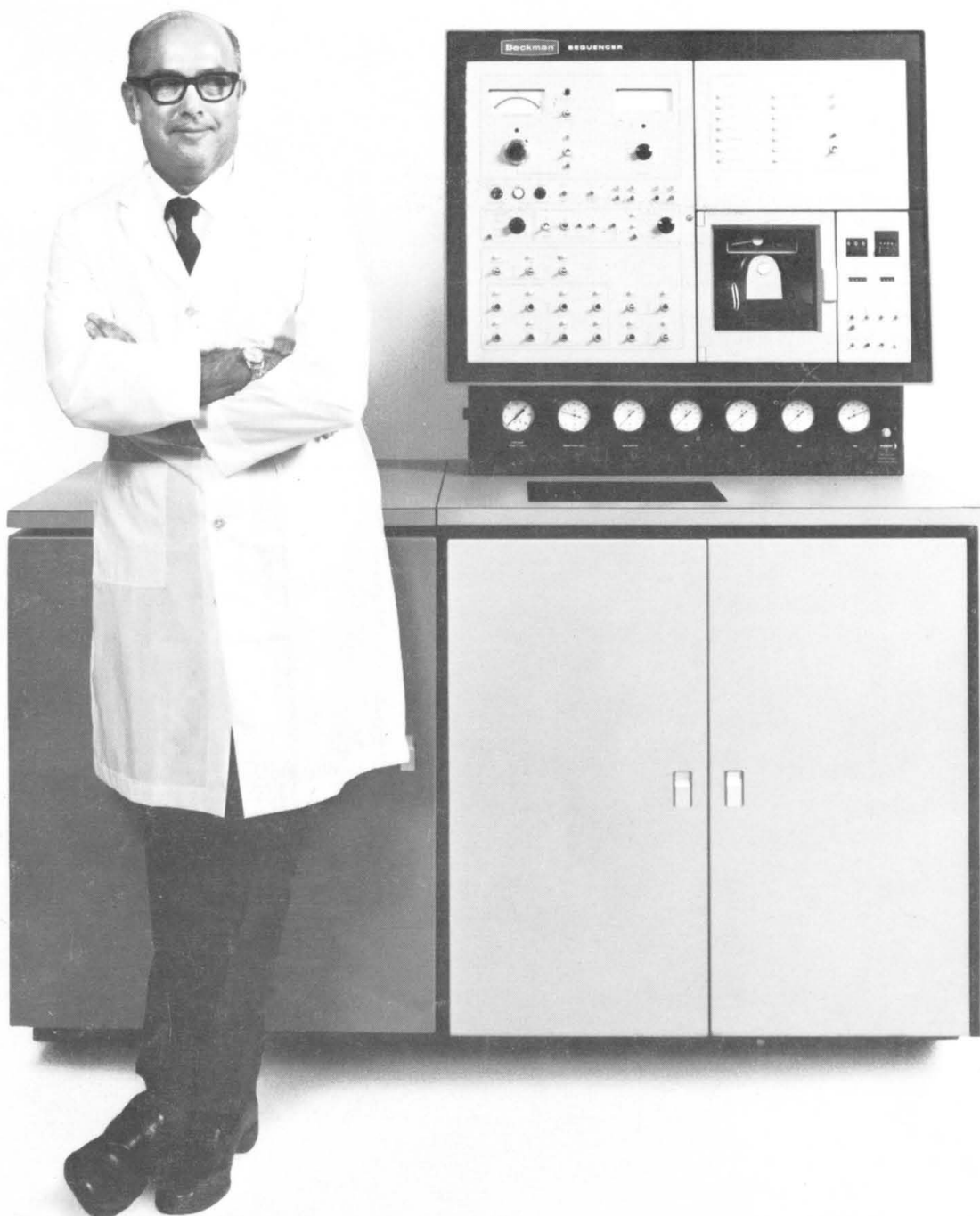
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