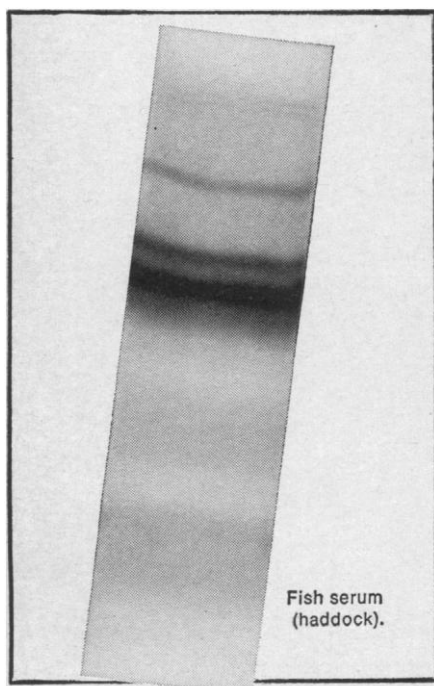


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a list of qualifications for those students who will go into industrial employment. These can then be offered to the academicians as a guide for their design of course offerings.

Unfortunately, there does not seem to have been much change in the feeling toward the kind of research done in industry or university. There has not been a recognition that all fields of microbiology are of equal "social-professional" status. Indeed, the glamour of certain research areas seems to have invaded the industrial laboratory too so that jobs in microbiological control or technical service do not hold the same importance as basic research. Whether this problem will ever be resolved remains to be seen. In an aside, one panelist remarked that a change in attitude will take place only after the pressures to solve practical problems become greater and more costly than the pressures to examine new places and new things.

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Calendar of Events

National Meetings

June

2-7. American Water Works Assoc., Cleveland, Ohio. (E. F. Johnson, The Association, 2 Park Ave., New York 10016)

3-5. Aerospace Instrumentation, 14th natl. symp., Boston, Mass. (K. Foster, EG&G, 160 Brookline Ave., Boston 02215)

5-9. Marine Technology Soc., Miami Beach, Fla. (Conference Coordinator, Div. of Continuing Education, P.O. Box 8005, Univ. of Miami, Coral Gables 33124)

7-9. Society of Biological Psychiatry, Washington, D.C. (G. N. Thompson, 2010 Wilshire Blvd., Los Angeles, Calif. 90057)

8-12. American Therapeutic Soc., Honolulu, Hawaii. (R. T. Smith, The Society, Norbeth, Pa. 19072)

9-11. American Assoc. of Neuropathologists, annual mtg., Atlantic City, N.J. (S. M. Aronson, State Univ. of New York, Downstate Medical Center, 450 Clarkson Ave., Brooklyn, N.Y. 11203)

10-13. American Proctologic Soc., Denver, Colo. (J. A. Ferguson, Secretary, 320 W. Lafayette, Detroit, Mich. 48226)

10-13. American Vacuum Soc., Beverly Hills, Calif. (L. W. Sink, Bldg. 290, Pratt & Whitney Aircraft, Middletown, Conn.)

10-14. Society of Photographic Scientists and Engineers, Boston, Mass. (The Society, 1330 Massachusetts Ave., NW, Washington, D.C. 20005)

12-14. Disaster Planning, Chicago, Ill. (American Hospital Assoc., 849 N. Lake Shore Dr., Chicago 60611)

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12-14. Application of Newer **Physical Techniques to the Study of Drug Metabolism**, Gaithersburg, Md. (D. Trexler, Drug Research Board, National Research Council, 2101 Constitution Ave., NW, Washington, D.C. 20418)

13-14. American **Chemical Soc.**, Great Lakes regional, Milwaukee, Wis. (K. Miller, American Bio-Synthetics Corp., 710 W. National Ave., Milwaukee 53204)

13-15. California Soc. of **Anesthesiologists**, Monterey. (N. R. Catron, California Soc. of Anesthesiologists, 39 N. San Mateo Dr., San Mateo 94401)

13-16. American Assoc. of **Neuropathologists**, Washington, D.C. (S. M. Aronson, Downstate Medical Center, Brooklyn, N.Y. 11203)

13-17. American College of **Chest Physicians**, 34th annual, San Francisco, Calif. (H. L. Kruse, 112 East Chestnut St., Chicago, Ill.)

14-15. American **Rheumatism Assoc.**, Seattle, Wash. (M. M. Walsh, 1212 Avenue of the Americas, New York 10036)

14-16. Society for **Biological Psychiatry**, Washington, D.C. (G. N. Thompson, 2010 Wilshire Blvd., Los Angeles, Calif. 90057)

15. Academy of **Tuberculosis Physicians**, San Francisco, Calif. (G. P. Bailey, Secretary, 1295 Clermont, Denver 20, Colo.)

15. American Assoc. for the Study of **Headache**, San Francisco, Calif. (S. Diamond, 5214 N. Western Ave., Chicago, Ill. 60625)

15-16. American **Diabetes Assoc.**, San Francisco, Calif. (J. R. Connelly, Executive Director, 18 E. 48 St., New York 10017)

15-16. Society for **Vascular Surgery**, San Francisco, Calif. (W. S. Edwards, Executive Secretary, 919 Seventh Ave., S., Birmingham, Ala. 35205)

15-20. American Soc. of **Radiologic Technologists**, Los Angeles, Calif. (The Society, 537 S. Main St., Fond du Lac, Wis. 54935)

16-20. American Soc. of **Mammalogists**, Fort Collins, Colo. (D. F. Hoffmeister, Univ. of Illinois, Urbana 61801)

16-20. **Environmental Biology**, Madison, Wis. (J. R. Olive, American Inst. of Biological Sciences, 3900 Wisconsin Ave., NW, Washington, D.C. 20016)

16-20. American College of **Preventive Medicine**, San Francisco, Calif. (E. A. Piszczek, 6410 N. Leona Ave., Chicago, Ill. 60646)

16-20. American **Medical Assoc.**, San Francisco, Calif. (F. J. L. Blasingame, Executive Vice-President, 535 N. Dearborn St., Chicago, Ill. 60610)

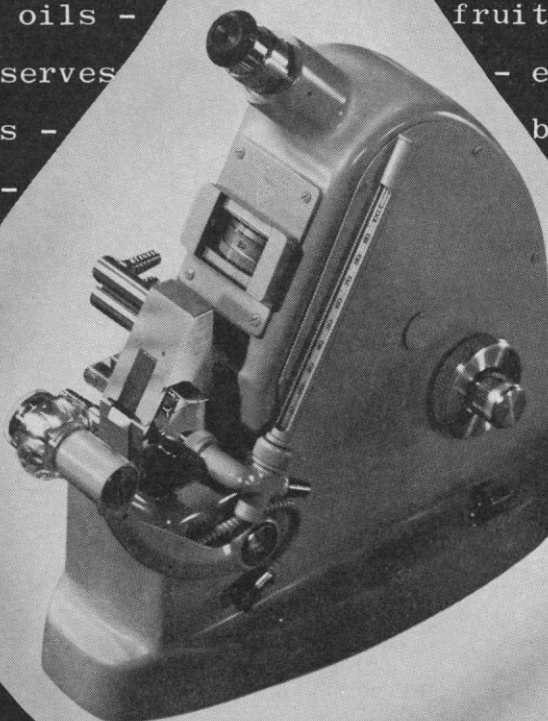
16-20. American **Physicians Art Assoc.**, San Francisco, Calif. (A. A. Richman, 307 Second Ave., New York 10003)

16-20. Association of **Food and Drug Officials** of the United States, 72nd annual, Hartford, Conn. (E. E. Smith, Connecticut Dept. of Consumer Protection State Office Bldg., 165 Capitol Ave., Hartford)

16-20. **Health Physics Soc.**, 13th annual, Denver, Colo. (W. R. Hendee, Dept. of Radiology, Univ. of Colorado Medical Center, 4200 E. 9 St., Denver 80220)

16-20. Society for **Investigative Dermatology**, San Francisco, Calif. (G. W. Ham-

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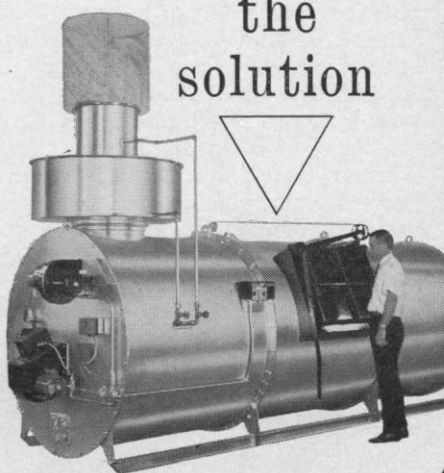
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brick, Jr., Executive Secretary, 601 N. Broadway, Baltimore, Md. 21205)

16-21. American Soc. of Parasitologists, 43rd annual, Madison, Wis. (G. W. Hunter, Dept. of Microbiology, Univ. of Florida Medical School, Gainesville 32601)

16-21. **Weights and Measures**, 53rd natl. conf., Washington, D.C. (M. W. Jensen, National Bureau of Standards, Washington, D.C. 20234)

17-19. **American Marketing Assoc.**, Philadelphia, Pa. (The Association, 230 N. Michigan Ave., Chicago, Ill. 60601)

17-19. **American Neurological Assoc.**, Washington, D.C. (M. D. Yarh, 710 W. 168 St., New York 10032)

17-19. **Biomedical Engineering**, San Diego, Calif. (D. L. Franklin, Scripps Clinic and Research Foundation, La Jolla, Calif.)

17-19. **American Physical Soc.**, Los Alamos, N.M. (W. W. Havens, 528 W. 120 St., New York 10027)

17-20. **American Dairy Science Assoc.**, Columbus, Ohio. (C. Cruse, Executive Secretary, 903 Fairview Ave., Urbana, Ill. 61801)

17-21. **American Soc. of Ichthyologists and Herpetologists**, New York, N.Y. (J. A. Peters, Div. of Reptiles, U.S. National Museum, Washington, D.C. 20560)

17-21. **Automating and Miniaturizing Government Records**, Washington, D.C. (Director, Center for Technology and Administration, American Univ., 2000 G St., NW, Washington, D.C. 20006)

18-21. **American Soc. of Agriculture Engineers**, 61st annual, Logan, Utah. (The Society, P.O. Box 229, St. Joseph, Mich. 49085)

19-21. **Analytical Chemistry**, University Park, Pa. (A. T. Winstead, National Meetings and News Div., 1155 16th St., NW, Washington, D.C. 20006)

19-21. **Colloids**, 42nd symp., Chicago, Ill. (P. Becher, Chemical Research Dept., Atlas Chemical Industries, Wilmington, Del. 19899)

23-27. **Air Pollution Control Assoc.**, 61st annual, St. Paul, Minn. (A. Arch, Executive Secretary, 4400 Fifth Ave., Pittsburgh, Pa. 15213)

23-27. **American Soc. of Psychosomatic Dentistry and Medicine**, Tamiment, Pa. (H. S. Tobey, 700 Park Ave., Plainfield, N.J.)

23-28. **American Inst. of Homeopathy**, Washington, D.C. (W. O. Baker, 1635 Harvard St., NW, Washington, D.C. 20009)

23-28. **American Soc. for Testing and Materials**, 71st annual, San Francisco, Calif. (T. A. Marshall, Jr., 1916 Race St., Philadelphia, Pa. 19103)

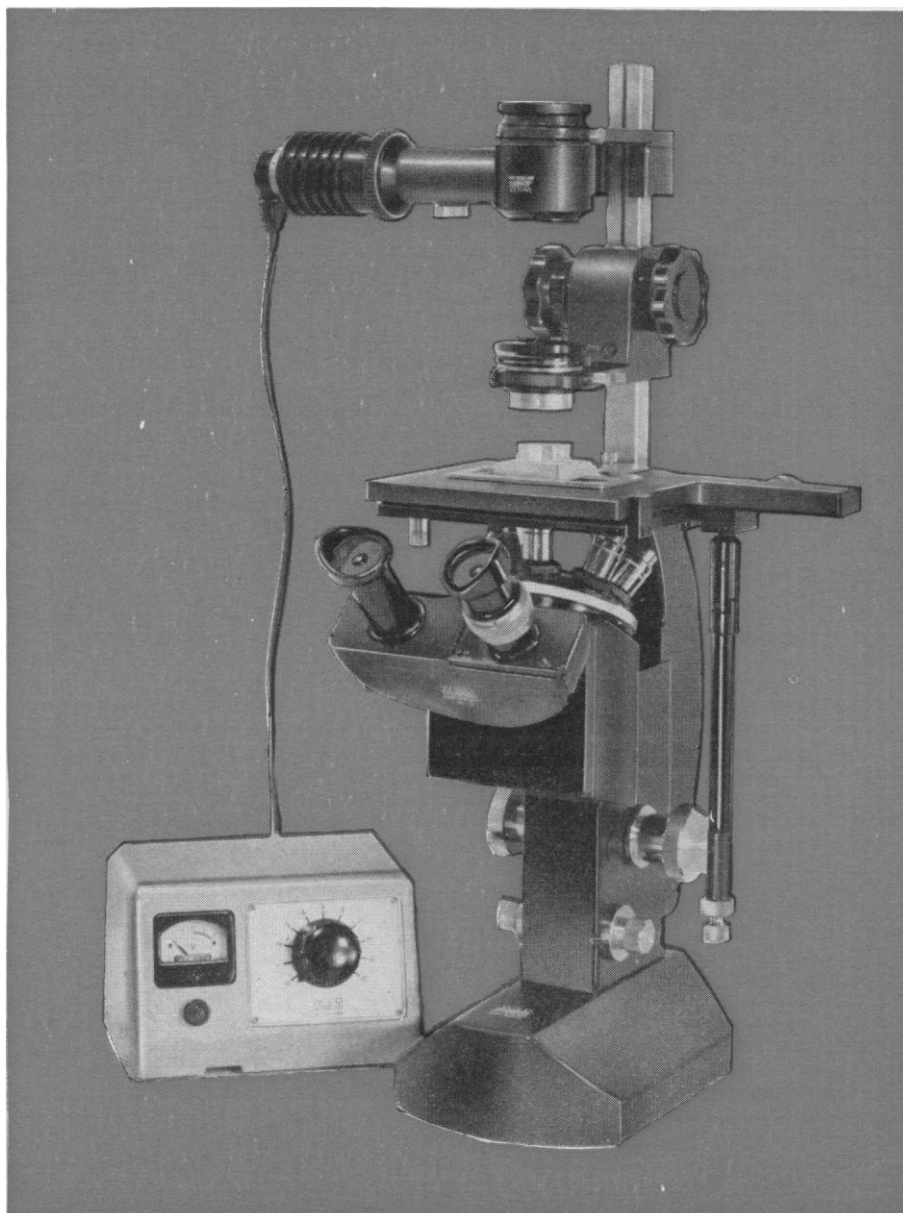
24-26. **American Assoc. of Physics Teachers**, Tempe, Ariz. (S. Ballard, Univ. of Florida, Gainesville 32601)

24-26. **Thermophysics Conf.**, American Inst. of Aeronautics and Astronautics, Los Angeles, Calif. (Meetings Secretary, 345 E. 47 St., New York 10017)

24-29. **American Meteorological Soc.**, joint with AAAS Pacific Div., Logan, Utah. (The Society, 45 Beacon St., Boston, Mass. 02108)

24-29. **Western Soc. of Soil Science**, Logan, Utah. (J. L. Young, Agricultural Research Service, SWC-NWB, Soils Dept., Oregon State Univ., Corvallis 97331)

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25-27. **Precision Electromagnetic Measurements**, Boulder, Colo. (Secretary, 1968 Conf. on Precision Electromagnetic Measurements, National Bureau of Standards, Boulder)

26-27. **American Geriatrics Soc.**, New Orleans, La. (E. Henderson, Room 1405, 10 Columbus Circle, New York 10019)

26-28. **Biennial Polymer Symp.**, American Chemical Soc., Amherst, Mass. (A. T. Winstead, Natl. Meetings and News Div., 1155 16th St., NW, Washington, D.C. 20006)

26-29. **American Optometric Assoc.** 71st annual congr., Miami Beach, Fla. (AOA Congr., 7000 Chippewa St., St. Louis, Mo. 63119)

26-29. **American College of Surgeons**, Munich, Germany. (Communications Dept., ACS, 55 E. Erie St., Chicago, Ill. 60611)

27-30. **Society of Nuclear Medicine**, St. Louis, Mo. (S. N. Turiel, Executive Director, 333 N. Michigan Ave., Chicago, Ill. 60601)

30-5. **American Physical Therapy Assoc.**, Chicago, Ill. (The Association, 1740 Broadway, New York 10019)

July

8-11. **Soil Conservation Service and Experiment Stations**, Clemson, S.C. (G. R. Craddock, Agronomy and Soil Dept., Clemson Univ., Clemson)

9-12. **American Soc. of Pharmacognosy**, Iowa City, Iowa. (D. P. Carew, College of Pharmacy, Univ. of Iowa, Iowa City 52240)

9-13. **American Therapeutic Soc.**, Essex House, New York, N.Y. (R. T. Smith, 37 Narbrook Park, Narberth, Pa. 19072)

12. **American Assoc. for the Study of Headache**, New York, N.Y. (S. Diamond, 5214 N. Western Ave., Chicago, Ill. 60625)

13-17. **American Medical Assoc.**, New York, N.Y. (F. J. L. Blasingame, 535 N. Dearborn St., Chicago, Ill. 60610)

14-16. **American Inst. of Aeronautics and Astronautics**, San Francisco, Calif. (Meetings Manager, ASME, 345 E. 47 Street, New York 10017)

21-25. **American Veterinary Medical Assoc.**, Boston, Mass. (Director, Business Div., 600 S. Michigan Ave., Chicago, Ill. 60605)

22-27. **American Medical Technologists**, Dallas, Tex. (American Medical Technologists, 710 Higgins Rd., Park Ridge, Ill. 60068)

25-30. **American Podiatry Assoc.**, Chicago, Ill. (J. Tipton, Convention Manager, 2301 16th St., NW, Washington, D.C. 20010)

International and Foreign Meetings

June

2-5. **Chemical Inst. of Canada**, 51st natl. conf., Vancouver, B.C. (CIC Conf. Committee, Dept. of Chemistry, Univ. of British Columbia, Vancouver 8)

3-5. **Canadian Soc. of Microbiologists**, Windsor, Ont. (C. E. Chaplain, c/o Scientific Information Section, Research Branch, Canada Dept. of Agriculture, Ottawa, Ont.)

4-8. **International Congr. on Research in Photosynthesis**, Freudenstadt, Germany. (H. Schenk, Institute Fur Chemische

Pflanzenforschung Auf Dem Schnarrenberg, Tübingen, Germany)

5-7. Canadian Soc. of **Plant Physiologists**, London, Ont. (R. A. Fletcher, Dept. of Botany, Univ. of Guelph, Guelph, Ont.)

5-7. Canadian **Psychological Assoc.**, Calgary, Alta. (W. R. N. Blair, Dept. of Psychology, Univ. of Calgary, Calgary)

5-7. European Assoc. of **Exploration Geophysicists**, Salzburg, Austria. (B. F. J. Kuns, Radingerstrasse 15, 1020 Vienna, Austria)

6-7. Canadian Council of **Professional Engineers**, St. Johns, Newfoundland. (The Council, 116 Albert St., Ottawa, Ont., Canada)

6-8. Canadian **Neurological Soc.**, Vancouver, B.C. (H. J. M. Barnett, 170 St. George St., Toronto 5, Ont.)

6-8. Scandinavian Congr. for **Obstetrics and Gynaecology**, 15th, Stockholm, Sweden. (J. Asplund, St. Eriks Sjukhus, Stockholm K.)

9-13. Canadian **Nuclear Assoc.**, Toronto, Ont. (R. F. Gross, 19 Richmond St., Toronto 1)

10-13. Canadian **Ophthalmological Soc.**, Ottawa, Ont. (The Society, Suite 8, 825 Coxwell Ave., Toronto 13, Ont.)

10-15. South African **Orthopaedic Assoc.**, Pretoria, S.A. (P. van Rooyen, 11 van Riebeeck Medical Bldgs., Schoeman St., Pretoria)

10-15. **Pesticides**, intern. analytical committee, 12th annual, Brunswick, Germany. (T. Horpenden, Ministry of Agriculture, Fisheries, and Food, Plant Pathology Lab., Hutchins Green, Harsinden, Herts, England)

12-14. Canadian **Botanical Assoc.**, Port Arthur, Ont. (D. R. Lindsay, Dept. of Biology, Lakehead Univ., Port Arthur)

12-14. Canadian Federation of **Biological Soc.**, 11th annual, Kingston, Ont. (K. K. Carroll, Faculty of Medicine, Univ. of Western Ontario, London, Ont.)

14-16. Society of **Obstetricians and Gynecologists** of Canada, Banff, Alta. (J. L. Harkins, Secretary, 537 Medical Arts Bldg., Toronto 5, Ont., Canada)

15-20. Canadian **Anaesthetists Soc.**, annual mtg., Montebello, P.Q. (S. M. Campbell, 178 St. George St., Toronto 5, Ont., Canada)

15-22. Canadian **Medical Assoc.**, 101st annual, Banff, Alta. (A. D. Kelly, 150 St. George St., Toronto, Ont., Canada)

16-20. Canadian **Thoracic Soc.**, scientific mtg., Vancouver, B.C. (Executive Secretary, 343 O'Connor St., Ottawa 4, Ont.)

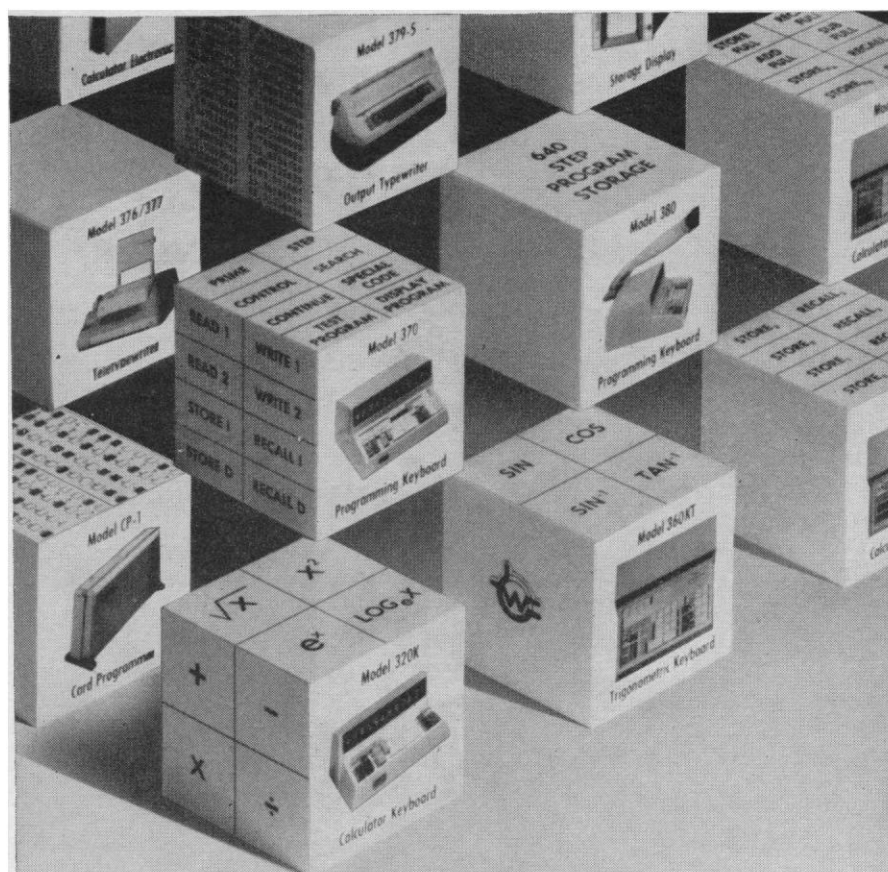
17-20. Canadian Soc. of **Radiological Technicians**, Saint John, N.B. (The Society, Suite 102, 1587 W. 8th Ave., Vancouver 9, B.C.)

17-22. Canadian Assoc. of **Pathologists**, Regina, Sask. (D. W. Penner, Winnipeg General Hospital, Winnipeg 3, Man., Canada)

17-22. Canadian **Psychiatric Assoc.**, Banff, Alta. (W. A. Blair, 225 Lisgar St., Ottawa, Ont.)

17-22. European **Ophthalmological Soc.**, 3rd Congr., Amsterdam, Netherlands. (H. E. Henkes, Netherlands Ophthalmological Soc., c/o Holland Organizing Center, 16 Lange Voorhout, The Hague)

17-23. **Continuous Cultivation of Microorganisms**, 3rd intern. symp., Prague, Czechoslovakia. (Z. Fenci, Inst. of Micro-



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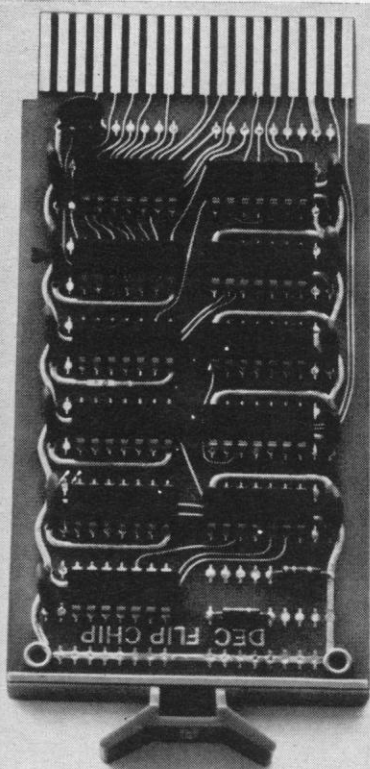
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18-20. Symposium on the Use of Digital Computers in the Control of Process Systems, Machines, Toronto, Ont., Canada. (Associate Committee on Automatic Control, National Research Council, Ottawa 2, Ont.)

20-6. Canadian Physiotherapy Assoc., Calgary, Alta. (A. Way, 208 40th Ave., SW, Calgary)

23-26. Medicinal Chemistry Symp., 11th joint with American Chemical Soc., Quebec, P.Q., Canada. (C. R. Engel, Dept. of Chemistry, Laval Univ., Quebec 10)

23-26. Canadian Pediatric Soc., Saskatoon, Sask. (W. Kinnear, 213 Canada Bldg., Saskatoon)

23-27. Conference on Interactions between Sub-Units of Biological Macromolecules, Cambridge, England. (D. C. Holmes, Lab. of Molecular Biology, Hills Rd., Cambridge)

23-27. Canadian Soc. of Laboratory Technologists, 32nd annual, Edmonton, Alta. (The Society, 99 Wentworth St., S., Hamilton, Ont.)

23-29. Catalysis, 4th intern. congr., Moscow, U.S.S.R. (B. D. Polkovnikov, Inst. of Organic Chemistry, Leninskii Prospekt 47, Moscow B-334)

23-29. High-Speed Photography, 8th intern. congr., Stockholm, Sweden. (T. Ramqvist, c/o Research Inst. of National Defense, FAO 2, Stockholm)

23-29. International Union of Pure and Applied Chemistry, 4th intern. congr. on catalysis, Moscow, U.S.S.R. (B. D. Polkovnikov, c/o Inst. of Organic Chemistry, 47 Leninskii Prospekt, Moscow B 334)

24-27. Canadian Soc. of Agronomy, annual mtg., Hamilton, Ont. (R. Loilelle, Ottawa Research Station, Central Experimental Farm, Ottawa, Ont.)

24-27. Canadian Soc. for Horticultural Science, Hamilton, Ont. (E. C. Loughheed, Dept. of Horticulture, Univ. of Guelph, Guelph, Canada)

24-27. Canadian Soc. of Soil Science, Hamilton, Ont. (A. R. Mack, Soil Research Inst., Central Experimental Farm, Ottawa, Ont., Canada)

24-27. Structure of Viruses and Other Micro-Molecules, Cambridge, England. (J. Kendrew, c/o Laboratory of Molecular Biology, University Postgraduate Medical School, Cambridge)

24-28. Great Lakes Water Resources, joint Canadian-U.S. conf., Toronto, Ont., Canada. (W. H. Wisley, United Nations Plaza, 345 E. 47 St., New York 10017)

24-28. High-Temperature Materials, 6th intern. Plansee seminar, Reutte, Austria. (F. Benesovsky Metallwerk Plansee, A.G., Postfach 74, A-6600 Reutte, Tyrol)

25-28. Gas Chromatography and Its Exploration, intern. symp., Copenhagen, Denmark. (C. L. A. Harborum, British Petroleum Research Co., Chertsey Rd., Sunbury-on-Thames, Middlesex, England)

25-4. Symposium on Hill-Land Productivity, Edinburgh and Aberdeen, Scotland. (Secretary, West of Scotland Agricultural College, Auchincruive, Ayr, Scotland)

26-28. Society of Photo-Optical Instrumentation Engineers, Paris, France. (G. Emschwiller, 10 rue Vauquelin 75, Paris 5^e)

28-29. Endocrine Soc., Mexico City, Mexico. (N. L. Mattox, Executive Secre-

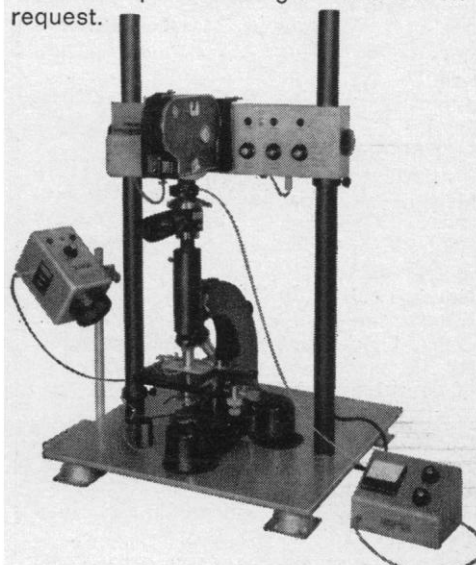
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tary, 1211 N. Shartel, Oklahoma City, Okla. 73103)

30-3. **Primatology**, 2nd intern. congr., Atlanta, Ga. (G. H. Bourne, Yerkes Regional Primate Research Center, Emory Univ., Atlanta 30322)

30-6. **Glass**, 6th intern. congr., London, England. (R. Gunther, Intern. Commission on Glass, Badenerstr. 49A, Durlach, Germany)

30-6. **World Problems in Rehabilitation of the Disabled**, 3rd intern., Brighton, England. (I. R. Henderson, Tavistock House South, Tavistock Sq., London, W.C.1, England)

July

1-6. **Conference on Blood Groups and Protein Polymorphism in Animals**, Warsaw, Poland. (J. Gasparska, Inst. of Experimental Animal Breeding, Polish Acad. of Science, Warsaw)

1-6. **Glass**, 8th intern. congr., London, England. (D. Rider, Glass Manufacturers Federation, 19 Portland Place, London, W.1)

2-5. **Engg Problems in Controlled Thermonuclear Research**, Culham, England. (Technical Administration Office, Culham Laboratory, Room 140, Bldg. E5, Culham, Abingdon, Berks)

3-4. **Vehicle and Road Design for Safety**, Cranfield, England. (Public Relations Officer, Institution of Mechanical Engineers, 1 Birdcage Walk, Westminster, S.W.1, England)

3-5. **Canadian Home Economics Assoc.**, Regina, Sask. (L. McConnell, Saskatchewan Power Corp., Regina)

4-11. **International Union of Pure and Applied Physics**, Dubna, U.S.S.R. (V. G. Soloviev, Lab. of Theoretical Physics, Joint Inst. for Nuclear Research, P.O. Box 79, Head Post Office, Moscow, U.S.S.R.)

5-6. **Digestive Endoscopy**, 1st European congr., Prague, Czechoslovakia. (Secretary, European Congr. of Digestive Endoscopy, Sokolska 31, Prague 2)

7-13. **British Assoc. of Paediatric Surgeons**, 15th intern. congr., Liverpool, England. (J. Lister, Children's Hospital, Western Bank, Sheffield 10, England)

7-13. **Association of National European and Mediterranean Societies of Gastroenterology**, 8th intern. congr., Prague, Czechoslovakia. (Z. Maratka, Sokolska 31, Prague 2)

8-9. **Canadian Aeronautics and Space Inst.**, Montreal, P.Q. (Secretary, CASI, 77 Metcalfe St., Ottawa 4, Ont.)

8-13. **Chemistry of Natural Products**, 5th intern. symp., London, England. (Secretary, % The Chemical Soc., Burlington House, London, W.1)

8-20. **International Soc. for Photogrammetry**, 11th congr., Lausanne, Switzerland. (W. K. Buchmann, % Inst. de Photogrammetrie, 1000 Ave. du Cour, Lausanne)

9-12. **Chemistry of Organic Silicon Compounds**, Bordeaux, France. (R. Calas, Lab. of Organic Chemistry, Univ. of Bordeaux, 20, Cours Pasteur, Bordeaux)

10-12. **Commonwealth Conf. on Plant Pathology**, 8th, Surrey, England. (The Director, Commonwealth Mycological Inst., Ferry Lane, Kew, Surrey)

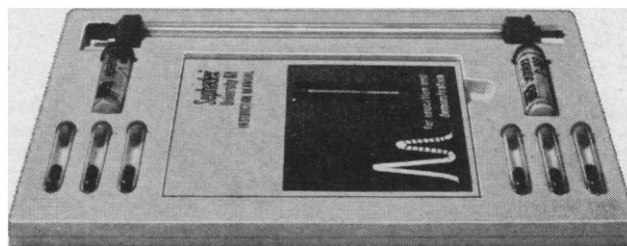
10-12. **Plant Pathology**, intern. congr., London, England. (R. K. S. Wood, Botany Dept., Imperial College, Prince Consort Rd., London S.W. 7)

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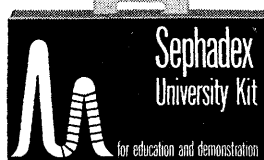
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