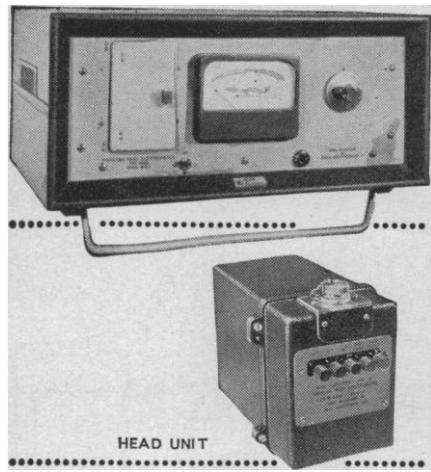


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tain to current and projected areas of research. Conferences allow detailed review of the many examples of disease found on post-mortem examination of animals that die in the zoo. The purpose of these conferences is to develop skills in interpreting signs of disease and in formulating dynamic concepts of disease that may be tested by experiment.

This program is flexible. It has been combined with residency training in the schools of medicine and veterinary medicine. However, it is also designed for the graduate student who wishes to take an advanced degree in this area.

Graduates in medicine or in veterinary medicine who combine this training in comparative pathology with the residency training in pathology will find many opportunities awaiting them. Biologists who complete this program creditably will be equally well equipped for research, but possibly would not be accepted so readily for teaching-research positions in schools of medicine or veterinary medicine. However, a consensus of the conference was that, as the trained persons become available, so will the opportunities.

HERBERT L. RATCLIFFE

*Penrose Research Laboratory,
Philadelphia Zoological Garden,
Philadelphia, Pennsylvania*

References

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3. H. L. Ratcliffe, *Zoologica* **25**, 463 (1940); *Am. Rev. Tuberc. Pulmonary Diseases* **54**, 389 (1946); P. R. Cannon, *J. Am. Med. Assoc.* **126**, 360 (1945); R. W. Wissler, R. L. Woolridge, C. H. Steffer, P. R. Cannon, *J. Immunol.* **52**, 267 (1946).
4. R. L. Snyder, *Proc. Natl. Acad. Sci. U.S.* **47**, 449 (1961); H. L. Ratcliffe, *Circulation*, in press.

Forthcoming Events

September

19-20. **Industrial Electronics**, annual symp., Chicago, Ill. (E. A. Roberts, Comptometer Corp., 5600 Jarvis Ave., Chicago)

19-21. **Rocky Mountain Minerals Conf.**, Butte, Mont. (Metallurgical Soc. of AIME, 345 E. 47 St., New York 17)

19-22. **Information Retrieval**, seminar, Minneapolis, Minn. (Director, Center for Continuation Study, Univ. of Minnesota, Minneapolis 14)

19-23. **Air Force Assoc.**, convention and aerospace panorama—weapons meet, intern., Las Vegas, Nev. (Air Force Assoc., 1901 Pennsylvania Ave., NW, Washington 6)

20. **Surgery of the Hand**, intern. conf.,

Paris, France. (L. Gosse, c/o Hôpital de Nanterre, 3 Ave. de la République, Nanterre (Seine), France)

20-22. **Sulphur Therapy**, intern. symp., Innsbruck, Austria. (K. Weithaler, c/o Medizinische Universitäts Klinik, Innsbruck)

20-23. **International Soc. for Practical Applied Medicine**, intern. congr., Salzburg, Austria. (Sekretariat, Internationale Gesellschaft für Praktisch Angewandte Medizin, Lange Str. 21a, Oelde, Westfalen, Germany)

20-23. **Rockets and Space Flight**, symp., Coblenz, Germany. (Deutsche Raketen-Gesellschaft, Fritz-Beindorf-Allee 9, Hanover, Germany)

20-28. **Intergovernmental Oceanographic Commission**, Paris, France. (U.N. Educational, Scientific and Cultural Organization, Place de Fontenoy, Paris 7^e)

20-30. **Handling and Lifting Equipment and Industrial Electricity**, intern. study sessions, Charleroi, Belgium. (Société Coopérative de Gestion, Palais des Expositions, Avenue de l'Europe, Charleroi)

22. **Pharmacy Assembly**, annual, New York, N.Y. (J. Yellin, Hebrew Home for the Aged, Bronx, N.Y.)

22-29. **International Scientific Film Assoc.**, congr., Warsaw, Poland. (F. Gazan, ISFA, 38 Avenue des Ternes, Paris 17^e, France)

22-24. **Cinematographic Techniques**, intern. congr., Turin, Italy. (Salone Internazionale della Tecnica, Corso Galileo Ferraris 60, Turin)

23-26. **Latin American Congr. of An-giology**, Buenos Aires, Argentina. (E. Sales, Santa Fé 1171, Buenos Aires)

23-26. **Petroleum Mechanical Engineering**, conf., Dallas, Tex. (American Soc. of Mechanical Engineers, Meetings Manager, 29 W. 39 St., New York 18)

23-27. **Electrochemical Soc.**, Boston, Mass. (ES, 1860 Broadway, New York 23)

23-27. **Metal**, intern. congr., Vienna, Austria. (Metall-u. Farben A.G., Kärntnerstrasse 7, Vienna I)

23-27. **Microcirculation**, symp., Pavia, Italy. (G. Pellegrini, Inst. of Medical Pathology, Univ. of Pavia, Pavia)

24-26. **European Assoc. Against Polio-myelitis**, symp., Prague, Czechoslovakia. (P. Recht, EAAP, 56 rue Charles Legrelle, Brussels 4, Belgium)

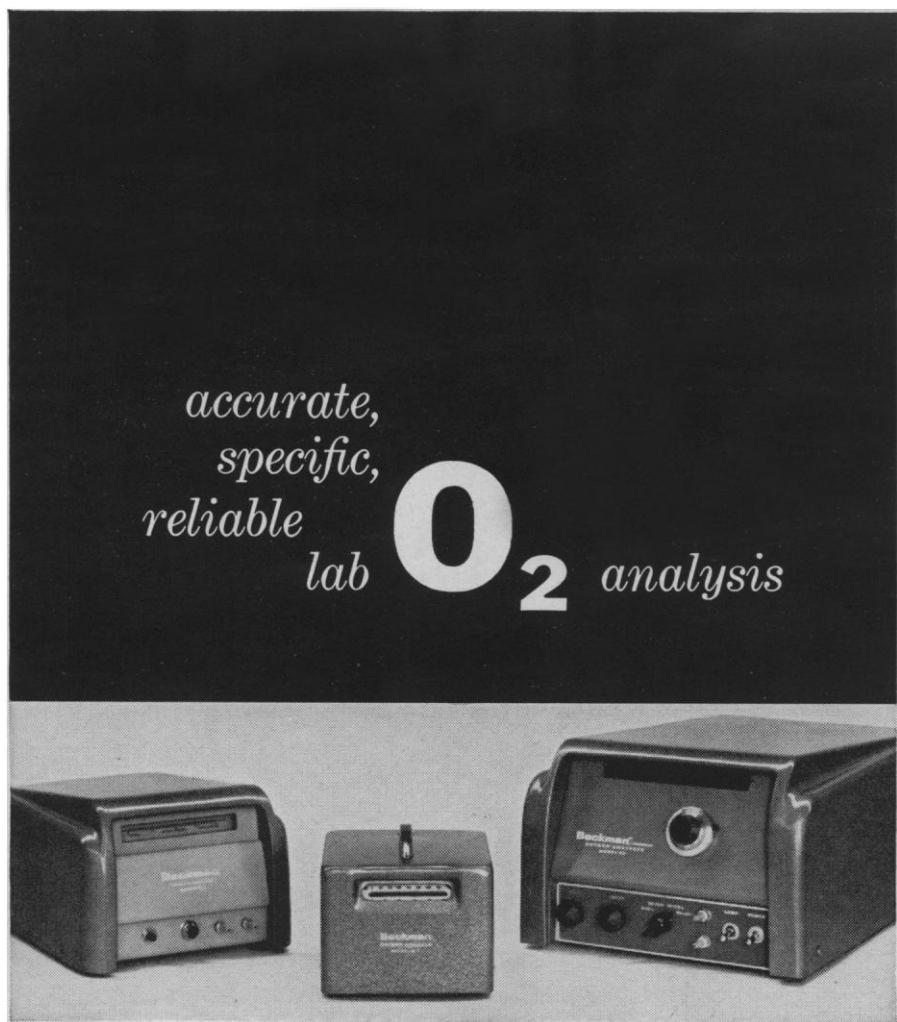
24-26. **National Power Conf.**, Baltimore, Md. (American Soc. of Mechanical Engineers, 29 W. 39 St., New York 18)

24-26. **World Veterinary Poultry Assoc.**, conf., Cambridge, England. (W. M. McKay, Cyanamid of Great Britain, Ltd., Bush House, Aldwych, London, W.C.2, England)

24-28. **International Astronautical Federation**, congr., Sofia, Bulgaria. (J. A. Stemmer, IAF, P.O. Box 37, Baden, Switzerland)

24-28. **Organometallic Derivatives**, intern. colloquium, Paris, France. (H. Normant, Faculté des Sciences, Université de Paris à la Sorbonne, 47 rue des Ecoles, Paris 5^e)

24-29. **International Committee on Electrochemical Thermodynamics and Kinetics**, Rome, Italy. (N. Ibl, c/o Laboratory of Physical Chemistry, Federal Polytechnic, 6 Universitätsstrasse, Zurich, Switzerland)



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24-29. **Pharmaceutical Sciences**, intern. congr., Vienna, Austria. (W. Thor, Organizing Committee, Spitalgasse 31, Vienna 9)

24-29. **Technical Assoc. of the Pulp and Paper Industry**, annual conf., Stockholm, Sweden. (I. F. Hendry, Research and Development, Wigging Teape & Co., Ltd., Beaconsfield, Bucks, England)

24-30. **European Seismological Commission**, general assembly, Jena, Germany. (E. Peterschmitt, ESC, 38 Boulevard d'Anvers, Strasbourg, France)

24-30. **Vital Substances, Nutrition, and Civilization Diseases**, intern. convention, Garmisch-Partenkirchen, Germany; and Innsbruck, Austria. (Intern. Soc. for Research on Nutrition and Vital Substances, Bremeroderstr. 61, Hanover-Kirchrode, Germany)

25-28. **Association of Iron and Steel Engineers**, Cleveland, Ohio. (Managing Director, AISE, 1010 Empire Bldg., Pittsburgh 22, Pa.)

25-28. **Electric Power Systems for Space**, conf., Santa Monica, Calif. (American Rocket Soc., 500 Fifth Ave., New York 36)

25-28. **Practice of Gas Chromatography**, meeting, East Lansing, Mich. (C. G. Harri, Houdry Process & Chemical Co., Box 427, Marcus Hook, Pa.)

26-29. **Austrian Soc. of Biochemistry**, Society for Physiological Chemistry, German Pharmacology Soc., Vienna, Austria. (Secretariat, Vienna Medical Acad., 4 Alserstr, Vienna IX)

26-29. **Neurobiologists intern. meeting**, Kiel, Germany. (W. Bargmann, Neue Universität, Olshausenstrasse 40/60, Kiel)

27-29. **Protection of Plants and Extermination of Pests**, symp., Magdeburg, Germany. (Chemische Gesellschaft in der D.R., Unter den Linden 68-70, Berlin W.8, Germany)

27-29. **Society for General Microbiology**, Reading, England. (SGM, c/o Inst. of Biology, 41 Queen's Gate, London, S.W.7, England)

28-29. **Broadcast Symp.**, annual, Washington, D.C. (G. C. Wetmore, Collins Radio Co., 1825 Connecticut Ave., NW, Washington 9)

28-30. **Medical Psychology**, intern. colloquium, Brussels and Louvain, Belgium. (P. H. Davost, Société de Psychologie Médicale de Langue Française, 2 rue de Rohan, Rennes, France)

30-5. **American Soc. for Testing Materials**, Pacific area, Los Angeles, Calif. (Executive Secretary, ASTM, 1916 Race St., Philadelphia 3, Pa.)

30-6. **Medical Hydrology and Climatology**, intern. congr., Baden-Baden, Germany. (M. Fontan, c/o Faculté de Médecine, Lille, France)

October

1-3. **Association of Medical Illustrators**, annual, Detroit and Ann Arbor, Mich. (AMI, 1853 W. Polk St., Chicago 12, Ill.)

1-3. **Communications**, natl. symp., Utica, N.Y. (J. K. Webb, 489 Van Ellis Rd., Utica)

1-3. **Plastics**, intern. congr., Turin, Italy. (Segreteria, Congresso delle Materie Plastiche, Corso Galileo Ferraris 60, Turin)

1-4. **American Oil Chemists Soc.**, To-

ronto, Canada (K. F. Mattil, Swift & Co., Packers and Exchange Aves., Chicago 9, Ill.)

1-4. **Electroencephalographic Information**, Marseilles, France. (R. Naquet, 23 rue de la Loge, Marseilles 2^e)

1-4. **Iron and Steel**, intern., Luxembourg. (Secrétariat, c/o Centre National de Recherches Métallurgiques, Abbaye du Val-Benoit, Liège, Belgium)

1-4. **Shell Structures**, intern. conf., San Francisco, Calif. (A. C. Scordelis, Dept. of Civil Engineering, Univ. of California, Berkeley 4)

1-5. American Soc. of **Tool and Manufacturing Engineers**, Los Angeles, Calif. (R. M. Johnson, 3336 Stinson Blvd., Minneapolis 18, Minn.)

1-6. **Food Standards**, conf., Geneva, Switzerland. (Intern. Agency Liaison Branch, Office of the Director General, Food and Agriculture Organization, Viale delle Terme di Caracalla, Rome, Italy)

1-6. International Astronomical Union, symp. on site testing, Rome, Italy. (D. H. Sadler, c/o Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex, England)

1-6. International Soc. of **Photogrammetry**, Milan, Italy. (A. L. Nowicki, c/o Army Map Service, 6009 Massachusetts Ave., N.W., Washington, D.C.)

1-6. **Malaria**, conf., Manila, Philippines. (World Health Organization, Regional Office for the Western Pacific, P.O. Box 2932, Manila)

1-10. International Council for the **Exploration of the Sea**, Copenhagen, Denmark. (ICES, Charlottenlund Slot, Charlottenlund, Denmark)

2-4. Advanced **Propulsion Concepts**, Cincinnati, Ohio. (M. M. Slawsky, Air Force Office of Scientific Research, Washington, 25)

2-4. **Batteries**, intern. symp., Bournemouth, England. (D. H. Collins, Inter-Departmental Committee on Batteries, Admiralty Engineering Laboratory, W. Drayton, Middlesex, England)

2-4. **Fluid Amplification**, symp., Washington, D.C. (by invitation only). (Public Information Officer, Diamond Ordnance Fuze Laboratories, Room 315, Bldg. 83, Washington 25)

2-4. **Physics and Nondestructive Testing**, symp., San Antonio, Tex. (D. L. Black, Southwest Research Inst., Box 2296, San Antonio)

2-4. **Space Electronics and Telemetry**, symp., Miami Beach, Fla. (O. A. Hoberg, Marshall Space Flight Center, M-ASTR-I, Bldg. 4487-B, Huntsville, Ala.)

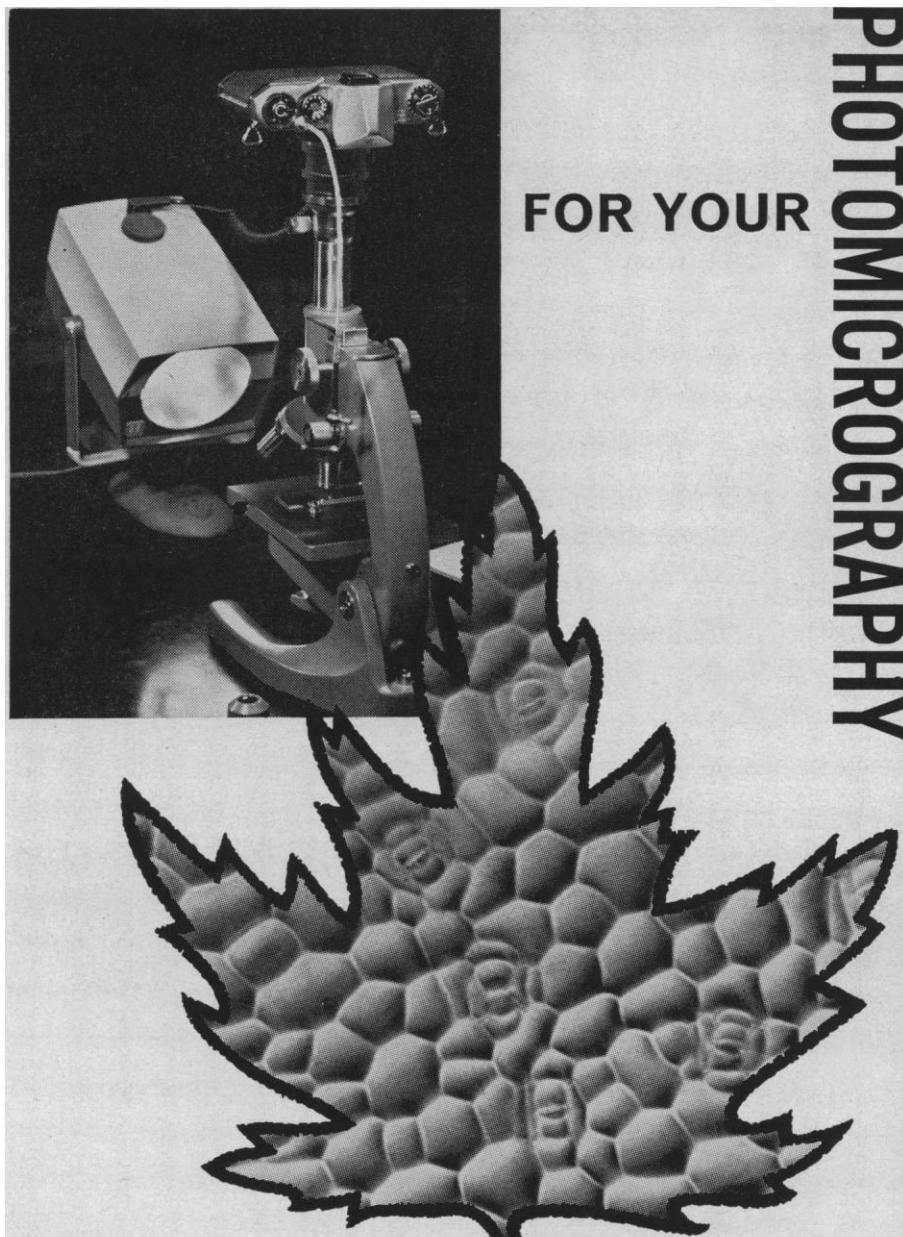
2-5. American **Röntgen Ray Soc.**, Washington, D.C. (C. A. Good, Mayo Clinic, Rochester, Minn.)

2-5. **Animal Care Panel**, annual, Chicago, Ill. (R. J. Flynn, Argonne National Laboratory, Argonne, Ill.)

2-5. **Human Engineering**. Annual inst., Stamford, Conn. (J. H. Ely, Dunlap and Associates, 429 Atlantic St., Stamford)

2-5. **Prophylactic Medicine and Social Hygiene**, intern. congr., Bad Godesberg, Germany. (Kongressbüro, Postfach 864, Bad Godesberg)

2-8. Committee on **Human Genetics**, World Health Organization, Geneva, Switzerland. (WHO, Palais des Nations, Geneva)



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- 2-9. Sanitary Engineers, seminar, Belgium. (World Health Organization, Regional Committee for Europe, 8 Scherfigsvej, Copenhagen O, Denmark)
3. California Acad. of Sciences, San Francisco. (S. W. Muller, CAS, Golden Gate Park, San Francisco)
- 3-5. International Union for Applied Ornithology, Frankfurt am Main, Germany. (S. Pfeifer, Institut für angewandte Vogelkunde, Steinauer Strasse 44, Frankfurt am Main-Fechenheim)
- 3-5. New Respiratory Disease Viruses, intern. conf., Bethesda, Md. (C. G. Loosli, Univ. of Southern California School of Medicine, 2025 Zonal Ave., Los Angeles)
- 3-6. Optical Soc. of America, Rochester, N.Y. (M. E. Warga, Executive Office, OSA, 1155 16 St., NW, Washington, D.C.)
- 4-5. International Soc. for Geomechanics, congr., Salzburg, Austria. (Landesverkehrsamt Salzburg, Mozartplatz 10/1, Salzburg)
- 4-5. International Soc. of Rock Mechanics, colloquium, Salzburg, Austria. (ISRM, Franz-Josef-Str. 3, Salzburg)
- 4-5. Solid Fuels, conf., Pittsburgh, Pa. (Society of Mining Engineers, Coal Div., 345 E. 47 St., New York 17)
- 5-7. Association of Cereal Research, milling conf., Detmold, Germany. (Arbeitsgemeinschaft Getreideforschung, Am Schützenberg 9, Detmold)
- 5-10. Moorland Research, intern. congr., Bremen, Germany. (Internationale Gesellschaft für Moorforschung, Hauptstr. 26, Vaduz, Liechtenstein)
- 6-7. American Acad. of Psychotherapists, annual conf., Chicago, Ill. (A. Ellis, Parc Vendome, 333 W. 56 St., New York 19)
- 6-7. Parathyroid Insufficiency and Chronic Tetany, intern. symp., Paris, France. (H. P. Klotz, Hôpital Bichat, 170 Boulevard Ney, Paris 18^e)
- 6-12. Electronic Computers in Civil Engineering, symp., Lisbon, Portugal. (M. Rocha, Laboratório Nacional de Engenharia Civil, Av. do Brasil, Lisbon)
- 7-9. Neurology and Neurological Sciences, congr., Tokyo, Japan. (Japanese Organizing Committee, c/o 3rd Dept. of Internal Medicine, Faculty of Medicine, University of Tokyo, Hongo, Tokyo)
- 7-10. Process Engineers, annual, Mainz, Germany. (Verfahrenstechnische Gesellschaft, Verein Deutscher Ingenieure, Rheingau-Allee 25, Frankfurt am Main, Germany)
- 7-10. Society of Petroleum Engineers, Los Angeles, Calif. (SPE, 345 E. 47 St., New York 17)
- 7-13. Cardiology, intern. congr., Mexico City, Mexico. (I. Costero, Instituto Nacional de Cardiología, Ave. Cuauhtemoc 300, Mexico 7, D.F.)
- 8-10. Electronics, natl. conf., Chicago, Ill. (National Electronics Conf., 228 N. La Salle St., Chicago 1)
- 8-11. Allergy, congr., Basel, Switzerland. (R. Schuppli, c/o Dermatologische Universitäts-Klinik, Basel)
- 8-11. Infectious Pathology, intern. congr., Bucharest, Rumania. (N. Cajal, Str. Dumbrava, Rossie 23, Bucharest)
- 8-11. Otorhinolaryngology, congr., Paris, France. (H. Guillot, French Soc. of Otorhinolaryngology, 6 Avenue Mac-Mahon, Paris 17^e)
- 8-11. Water Pollution Control Federation, annual, Toronto, Canada. (R. E. Fuhrman, Executive Secretary, WPCF, 4435 Wisconsin Ave., NW, Washington 16, D.C.)
- 8-12. American Soc. of Civil Engineers, Detroit, Mich. (W. H. Wisely, 345 E. 47 St., New York 17)
- 8-12. Industrial Forestry, seminar, St. Paul, Minn. (Z. W. White, Yale School of Forestry, 205 Prospect St., New Haven 11, Conn.)
- 8-12. Instruments and Research Equipment, symp. and exhibit, Bethesda, Md. (L. Heiss, American Instrument Co., Inc., 8030 Georgia Ave., Silver Spring, Md.)
- 8-12. Lead and Radiation Shielding Problems, intern. conf., London, England. (J. Oldroyd, Lead Development Assoc., 34 Berkeley Square, London, W.1)
- 8-13. Treatment and Storage of High-Level Radioactive Wastes, symp., Vienna, Austria. (Intern. Atomic Energy Agency, 11 Kärntner Ring, Vienna 1)
- 8-20. Statistical Forecasting, training seminar, Paris, France. (World Meteorological Organization, 41 Avenue Giuseppe Motta, Geneva, Switzerland)
- 9-11. Analytical Chemistry in Nuclear Reactor Technology, Gatlinburg, Tenn. (C. D. Susano, Oak Ridge Natl. Laboratory, P.O. Box X, Oak Ridge, Tenn.)
- 9-11. International Assoc. of Food Analysts, symp., Bordeaux, France. (L. de Saint Rat, 18 Avenue de Villars, Paris 7^e, France)
- 9-11. Nuclear Reactor Chemistry, conf., Gatlinburg, Tenn. (W. R. Grimes, Oak Ridge Natl. Laboratory, P.O. Box X, Oak Ridge, Tenn.)
- 9-12. American Dietetic Assoc., annual, Miami Beach, Fla. (V. F. Harger, Dept. of Home Economics, Ohio State Univ., Columbus 10)
- 9-12. Scientific Soc. for Aviation, annual, Brunswick, Germany. (Wissenschaftliche Gesellschaft für Luftfahrt, Martinstr. 40-42, Cologne, Germany)
- 10-12. Comparative Medicine, intern. symp., New York, N.Y. (J. D. Bech, Animal Medical Center, 350 Lafayette St., New York 12)
- 12-13. American Medical Writers' Assoc., Washington, D.C. (S. O. Waife, P.O. Box 1796, Indianapolis 6, Ind.)
- 12-14. Phosphorylated Glucides, intern. symp., Milan, Italy. (Segreteria del Comitato Organizzatore del Symposium Internazionale sui Glucidi Fosforilati, Via Modica 6, Milano)
- 13-14. Fundamental Nature of Living Matter, interdisciplinary symp., Cleveland, Ohio. (Dedication Committee Office, Allen Memorial Library, 11000 Euclid Ave., Cleveland 6)
- 13-14. International Federation of Surgical Colleges, annual, Atlantic City, N.J. (I. S. Ravdin, American College of Surgeons, 3400 Spruce St., Philadelphia 4, Pa.)
- 13-14. Society for Psychophysiological Research, annual, Denver, Colo. (S. G. Margolin, Dept. of Psychophysiology, Univ. of Colorado, Denver 20)
- 13-21. Electronics Telecommunications, Automation, and Nucleonics, intern. fair, Ljubljana, Yugoslavia. (Gospodarsko Razstavišče, Ljubljana)

(See issue of 10 August for comprehensive list)