

presented a comprehensive review of available short-run indicators of demand-supply relationships in scientific manpower. He concluded that present indications are that the market is again growing tight; the demand paralleled general business conditions in 1957 and early 1958. Finally, Irving H. Siegel (Council of Economic Advisers) noted some aspects of the intimate relationship between the market for scientists and engineers and government policy.

Papers of the conference were of uniformly high quality this year. They will be published by the National Science Foundation and should be available for distribution in limited numbers by March.

THOMAS J. MILLS,  
Program Chairman

### Washington Academy of Sciences (X19)

A symposium on "Extramural Science Programs of the Federal Government" was arranged by the Washington Academy of Sciences for the 125th meeting of the AAAS. Since Washington is unique in being the center of federal scientific activity, it was felt in planning this symposium that a most useful contribution on the part of the Washington Academy of Sciences would be to have representatives of the principal agencies of the Federal Government describe some aspect of the research supported by them. Since many who attend the AAAS meetings have conducted research under federal support, or may wish to, it appeared that the aspect that would be of most interest to the greatest number would be the extramural science programs each agency sponsors. By "extramural" science programs is meant programs that are conducted outside the physical facilities of an agency staffed predominantly by nonfederal employees. This covers scholarships, fellowships, grants, grants-in-aid, loans, contracts, and cooperative programs.

It was impossible in the time allotted this session to include a description of every extramural program now in effect in the Federal Government. Selected, rather, were the six federal agencies which together support the majority of extramural research and science education programs in the country. These agencies and their spokesmen were as follows: National Science Foundation, Robert B. Brode, associate director for research; National Institutes of Health, C. J. Van Slyke, deputy director; Department of Agriculture, Byron T. Shaw, administrator, Agricultural Research Service; Department of Defense, George D. Lukes, executive secretary, Defense Science Board, Office of the Assistant Secretary of Defense for Re-

search and Engineering; Atomic Energy Commission, Charles L. Dunham, director, Division of Biology and Medicine; and National Aeronautics and Space Administration, Ira H. Abbott, assistant director of research. A. T. McPherson, president of the Washington Academy of Sciences, presided.

It is anticipated that proceedings of the symposium will be published and will be made available through the secretary of the Washington Academy of Sciences.

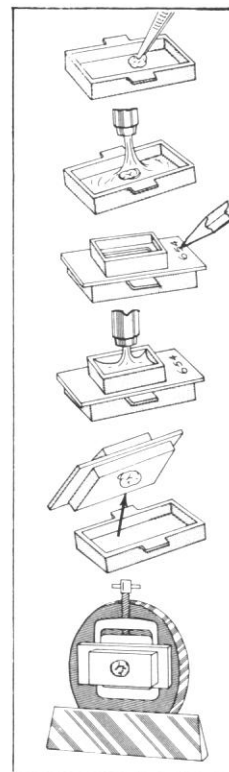
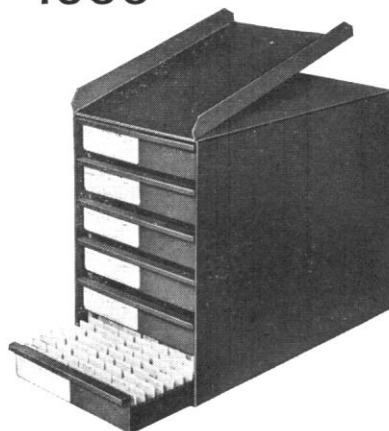
GEORGE W. IRVING, JR.,  
Program Chairman

## Meetings

### Latin American Chemistry Congress

During the seventh Latin American Congress of Chemistry, to be held in Mexico City from 29 March to 3 April, a special program has been planned for the afternoons of 1 and 2 April, when there will be a Symposium on Recent Progress in Organic Chemistry. This program will consist of 1-hour lectures by the following speakers: D. H. R. Barton, Imperial College of Science and

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Technology; A. J. Birch, University of Manchester; V. Deulofeu, University of Buenos Aires; C. Djerassi, Wayne State University and Syntex, S.A.; W. S. Johnson, University of Wisconsin; F. Sondheimer, Weizmann Institute of Science; and G. Stork, Columbia University.

The morning sessions during these 2 days will be devoted to about 20 shorter papers dealing with steroids and related natural products. Further information can be obtained from Dr. Alberto Sandoval, Instituto de Quimica, Ciudad Universitaria, Mexico 20, D.F., Mexico.

## Institute of Radio Engineers

The rapid strides which have been made in the past year in space technology and other major new fields of electronics have given a radically new look

to the program of the 1959 Institute of Radio Engineers national convention, scheduled for the Waldorf-Astoria Hotel and New York Coliseum, 23-26 March. Highlighting the 54 sessions will be a special evening symposium on 24 March at which ten of the nation's foremost experts will discuss "Future Developments in Space." Present developments, too, will receive a good deal of attention in two additional sessions devoted to space electronics.

Two new entries of unusual interest have been included in the program this year: a symposium on "Psychology and Electronics in the Teaching-Learning System," and a session on "Theory and Practice in Russian Technology." Other sessions range over the fields of all 28 IRE Professional Groups and include such timely topics as "Widening Horizons in Solid State Electronics," "Frontiers of Industrial Electronics," "Man-

Machine System Design," and "Military Electronics Looks Forward." A full list of sessions, papers, and abstracts will appear in the March issue of *Proceedings of the IRE*.

Exhibit space at the New York Coliseum has been completely sold out, assuring visitors that the Radio Engineering Show will provide them with a complete display of new apparatus and products. Some 850 exhibitors will be represented.

## Sterility and Obstetrics Meetings

The 15th annual meeting of the American Society for the Study of Sterility will be held at the Shelburne Hotel, Atlantic City, N.J., 3-5 April 1959. Persons interested in attending this meeting should apply for advance registration and a complete program to the secretary, Dr. Herbert H. Thomas, 920 S. 19th St., Birmingham 5, Ala. The president of the society for 1959 is Sheldon Payne, Los Angeles, Calif.; the chairman of the Program Committee is Edward O. Reifenshtein, Jr., New Brunswick, N.J.; and the chairman of the Local Arrangements Committee is Luigi Mastroianni, Jr., New Haven, Conn. Immediately following the meeting, on 6-8 April, the annual clinical meeting of the American College of Obstetricians and Gynecologists also will be held in Atlantic City, at the Municipal Auditorium.

## Forthcoming Events

### March

20. New Jersey Acad. of Science, annual, New Brunswick. (H. L. Silverman, 361 Highland Ave., Newark 4, N.J.)

23-24. Theory of Fluid Flow through Porous Media, 2nd conf., Norman, Okla. (C. G. Dodd, School of Petroleum Engineering, Univ. of Oklahoma, Norman.)

23-26. Institute of Radio Engineers, natl. conv., New York, N.Y. (G. L. Haller, IRE, 1 E. 79 St., New York 21.)

24-27. American Meteorological Soc., general, Chicago, Ill. (K. C. Spengler, AMS, 3 Joy Street, Boston, Mass.)

27-28. Michigan Acad. of Sciences, East Lansing. (D. A. Rings, Univ. of Michigan, Dept. of Engineering, Ann Arbor.)

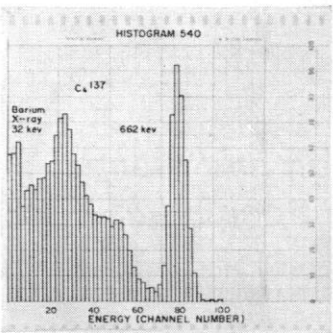
27-28. Pennsylvania Acad. of Sciences, Gettysburg. (K. Dearolf, Public Museum and Art Gallery, Reading, Pa.)

28. South Carolina Acad. of Sciences, Columbia. (H. W. Freeman, Dept. of Biology, Winthrop College, Rock Hill, S.C.)

29-3. Latin American Congress of Chemistry, 7th, Mexico D.F., Mexico. (R. I. Frisbie, Calle Ciprés No. 176, Zone 4, Mexico, D.F.)

30-31. Third Teratology Conf., Portland, Ore. (D. L. Gunberg, Dept. of Anatomy, Univ. of Oregon Medical School, Portland.)

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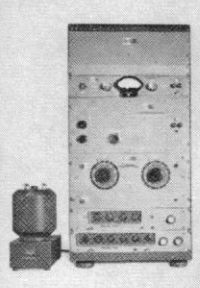
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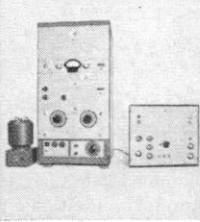
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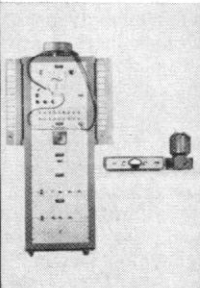
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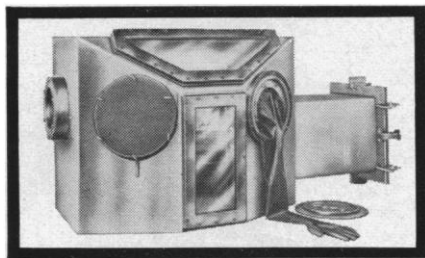
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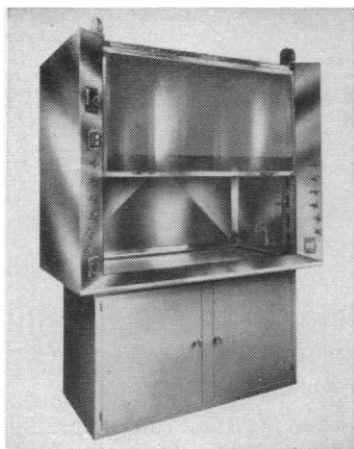
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30-1. American Orthopsychiatric Assoc., San Francisco, Calif. (M. F. Langer, 1790 Broadway, New York 19.)

30-12. Bahamas Medical Conf., 7th, Nassau. (B. L. Frank, 1290 Pine Ave., W. Montreal, Canada.)

31-2. American Power Conf., 21st annual, Chicago, Ill. (N. S. Hibshman, AIEE, 33 W. 39 St., New York 18.)

31-2. Symposium on Millimeter Waves, 9th, New York, N.Y. (H. J. Carlin, Microwave Research Inst., 55 Johnson St., Brooklyn 1, N.Y.)

31-5. International Committee of Military Medicine and Pharmacy, 21st session, Paris, France. (Comité International de Médecine et de Pharmacie Militaires, Hôpital Militaire, 79, rue Saint Laurent, Liège, Belgium.)

### April

1-3. American Assoc. of Anatomists, Seattle, Wash. (B. Flexner, Univ. of Pennsylvania Medical School, Philadelphia 4.)

1-4. National Council of Teachers of Mathematics, Dallas, Tex. (H. T. Karnes, Dept. of Mathematics, Louisiana State Univ., Baton Rouge 3.)

1-4. National Science Teachers Assoc., 7th natl. conv., Atlantic City, N.J. (R. H. Carlton, NSTA, 1201 16 St., NW, Washington 6.)

1-4. Neurosurgical Soc. of America, Hot Springs, Va. (F. P. Smith, 260 Crittenden Blvd., Rochester 20, N.Y.)

1-29. World Meteorological Organization, 3rd session of congress, Geneva, Switzerland. (WMO, Campagne Rigot, 1, avenue de la Paix, Geneva.)

2-3. Electrically Exploded Wires, conf., Boston, Mass. (W. G. Chace, Thermal Radiation Laboratory, CRZCM, Geophysics Research Directorate, Air Force Cambridge Research Center, Bedford, Mass.)

2-3. Southern Municipal and Industrial Waste Conference, 8th, Chapel Hill, N.C. (University Extension Division, Short Courses, P.O. Box 1050, Chapel Hill, N.C.)

2-4. Association of American Geographers, 55th annual, Pittsburgh, Pa. (J. E. Guernsey, 9707 Parkwood Dr., Bethesda, Md.)

2-4. Association for Computing Machinery, Cleveland, Ohio. (J. Moshman, Corporation for Economic and Industrial Research, 1200 Jefferson Davis Highway, Arlington 2, Va.)

2-4. Optical Soc. of America, New York, N.Y. (S. S. Ballard, Dept. of Physics, Univ. of Florida, Gainesville.)

3-4. Eastern Psychological Assoc., Atlantic City, N.J. (C. H. Rush, Standard Oil Co. of New Jersey, Rockefeller Plaza, New York, N.Y.)

3-5. American Soc. for the Study of Sterility, Atlantic City, N.J. (H. H. Thomas, 920 S. 19 St., Birmingham 5, Ala.)

3-5. Cooper Ornithological Soc., Berkeley, Calif. (J. Davis, Univ. of California, Hastings Reservation, Jamesburg Route, Carmel Valley.)

5-7. Vaccination against Tuberculosis with Non-Living Vaccines, intern. symp., Florence, Italy. (D. W. Weiss, Dept. of Bacteriology, Univ. of California, Berkeley 4.)

5-9. American College of Obstetricians

and Gynecologists, Atlantic City, N.J. (J. C. Ullery, 15 S. Clark St., Chicago 3, Ill.)

5-9. International Acad. of Proctology, 11th annual, New York, N.Y. (A. J. Cantor, IAP, 147-41 Sanford Ave., Flushing 55, N.Y.)

5-10. American Chemical Soc., 135th, Boston, Mass. (M. A. H. Emery, 18th and K St., NW, Washington, D.C.)

5-10. Nuclear Congress, Cleveland, Ohio. (S. Baron, Burns & Roe, Inc., 160 West Broadway, New York 13.)

6. Paleontological Research Institution, Ithaca, N.Y. (R. Harris, 109 Dearborn Rd., Ithaca.)

6-7. Chemical and Petroleum Instrumentation, 2nd natl. symp., St. Louis, Mo. (H. S. Kindler, Director of Technical and Educational Services, ISA, 313 Sixth Ave., Pittsburgh 22, Pa.)

6-8. American Radium Soc., Hot Springs, Va. (R. L. Brown, Robert Winship Clinic, Emory Univ., Atlanta 22, Ga.)

6-8. National Open Hearth Steel Furnace, Coke Oven and Raw Materials Conf., St. Louis, Mo. (E. O. Kirkendall, AIME, 29 W. 39 St., New York 18.)

6-9. American Acad. of General Practice, San Francisco, Calif. (M. F. Cahal, Volker Blvd. at Brookside, Kansas City 12, Mo.)

6-11. Coordination Chemistry, intern. conf., London, England. (Chemical Soc., Burlington House, London, W.1.)

8. Evolution of Cell Populations, conf. (by invitation), Atlantic City, N.J. (D. C. Hetherington, Dept. of Anatomy, Duke Univ. School of Medicine, Durham, N.C.)

8-9. Tissue Culture Assoc., 10th annual, Atlantic City, N.J. (D. C. Hetherington, Dept. of Anatomy, Duke Univ. School of Medicine, Durham, N.C.)

10-11. Society for the Scientific Study of Religion, Chicago, Ill. (W. H. Clark, SSSR, Hartford Seminary Foundation, Hartford 5, Conn.)

10-16. Mental Health, 2nd Caribbean conf., St. Thomas, Virgin Islands. (Mrs. E. L. M. Shulterbrandt, Bureau of Mental Health, St. Thomas, V.I.)

12-13. American Soc. for Artificial Internal Organs, Atlantic City, N.J. (C. K. Kirby, ASAIO, 110 Maloney Bldg., University Hospital, 3600 Spruce St., Philadelphia 4, Pa.)

12-14. Atomic Mechanisms of Fracture, conf., Cambridge, Mass. (D. K. Felbeck, Natl. Acad. of Sciences-Natl. Research Council, 2101 Constitution Ave., NW, Washington 25.)

12-15. Neurosurgery, 8th Latin American cong., Santiago, Chile. (A. Asenjo G., Casilla 70-D, Santiago, Chile.)

12-16. American Physiological Soc., Atlantic City, N.J. (R. C. Daggs, 9650 Wisconsin Ave., Washington, D.C.)

12-16. Fracture, intern. conf., Cambridge and Dedham, Mass. (Headquarters, Air Force Office of Scientific Research, Washington 25.)

13. Biochemical Cytology of Liver (Histochemical Soc.), symp., Atlantic City, N.J. (A. B. Novikoff, Dept. of Pathology, Albert Einstein College of Medicine, Yeshiva Univ., Eastchester Rd. and Morris Ave., New York 61.)

13-15. Hydraulics Conf. (American Soc. of Mechanical Engineers), Ann

Arbor, Mich. (O. B. Schier, ASME, 29 W. 39 St., New York 18.)

13-17. American Assoc. of Immunologists, Atlantic City, N.J. (C. Howe, 630 W. 168 St., New York 32.)

13-17. American Inst. of Nutrition, Atlantic City, N.J. (G. M. Briggs, NIAMD, Room 9D20, Bldg. 10, National Institutes of Health, Bethesda, Md.)

13-17. American Soc. for Pharmacology and Experimental Therapeutics, Atlantic City, N.J. (H. Hodge, Univ. of Rochester, Rochester 20, N.Y.)

13-18. American Acad. of Neurology, Los Angeles, Calif. (J. M. Foley, Boston City Hospital, Boston, Mass.)

13-18. American Soc. of Biological Chemists, Atlantic City, N.J. (F. W. Putnam, Univ. of Florida Medical School, Gainesville.)

13-18. American Soc. for Experimental Pathology, Atlantic City, N.J. (J. F. A. McManus, Univ. of Alabama Medical Center, Birmingham 3.)

14-15. Electrical Heating Conf. (American Institute of Electrical Engineers), Philadelphia, Pa. (N. S. Hibshman, AIEE, 33 W. 39 St., New York 18.)

14-16. Faraday Soc. (Energy Transfer), Nottingham, England. (Faraday Soc., 6 Gray's Inn Sq., London, W.C.1, England.)

14-16. Life Span of Animals, 5th colloquium on aging, London, England. (Ciba Foundation, 41 Portland Pl., London, W.1.)

14-16. Rheology of the Glassy State (British Soc. of Rheology), Sheffield, England. (D. W. Saunders, British Rayon Research Assoc., Heald Green Laboratories, Wythenshawe, Manchester 22, England.)

15-17. American Assoc. of Genito-Urinary Surgeons, Absecon, N.J. (W. J. Engel, 2020 E. 93 St., Cleveland 6, Ohio.)

15-17. American Surgical Assoc., San Francisco, Calif. (W. A. Altemeier, Cincinnati General Hospital, Cincinnati 29, Ohio.)

15-17. Midwest Benthological Soc., annual, Hickory Corners, Mich. (C. M. Fetterol, Jr., Water Resources Commission, Sta. B, Lansing 13, Mich.)

16-18. American Assoc. of Railway Surgeons, Chicago, Ill. (C. C. Guy, 5800 Stony Island Ave., Chicago 37.)

16-18. Association of South Eastern Biologists, Knoxville, Tenn. (H. J. Humm, Dept. of Botany, Duke Univ., Durham, N.C.)

16-18. Ohio Acad. of Sciences, Columbus. (G. W. Burns, Ohio Wesleyan Univ., Delaware.)

16-30. Engineering, Marine, Welding and Nuclear Energy Exhibition, 22nd, Olympia, London. (F. W. Bridges & Sons, Ltd., Grand Buildings, Trafalgar Square, London, W.C.2, England.)

17. Current Developments in the Production of High Vacua, symp., London, England. (Institute of Physics, 47 Belgrave Square, London, S.W.1.)

17-18. Nebraska Acad. of Sciences, 69th annual, Lincoln. (M. Beckman, Teachers College, Univ. of Nebraska, Lincoln.)

18-22. American Soc. of Tool Engineers, 27th annual, Milwaukee, Wis. (ASTE, 10700 Puritan, Detroit 38, Mich.)

19-23. Oil and Gas Power Conf. (American Soc. of Mechanical Engi-

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neers), Houston, Tex. (O. B. Schier, ASME, 29 W. 39 St., New York 18.)

19-24. American Pharmaceutical Assoc., annual conv., Cincinnati, Ohio. (R. P. Fischelis, APA, 2215 Constitution Ave., Washington 7.)

20-21. Analog and Digital Instrumentation, 3rd natl. conf. (American Inst. of Electrical Engineers), Philadelphia, Pa. (N. S. Hibshman, AIEE, 33 West 39 St., New York 18.)

20-22. American Oil Chemists' Soc., spring, 50th anniversary, New Orleans, La. (Mrs. L. R. Hawkins, 35 E. Wacker Dr., Chicago 1, Ill.)

20-22. Boundary Problems in Differential Equations, symp., Madison, Wis. (R. E. Langer, Mathematics Research Center, U.S. Army, 1118 W. Johnson St., Madison 6.)

20-23. American Urological Assoc., Atlantic City, N.J. (S. L. Raines, 188 S. Bellevue Blvd., Memphis, Tenn.)

20-23. International Anesthesia Research Soc., 33rd cong., Miami Beach, Fla. (A. W. Friend, IARS, E. 107 and Park Lane, Cleveland 6, Ohio.)

20-24. American College of Physicians, Chicago, Ill. (E. R. Loveland, 4200 Pine St. Philadelphia 4, Pa.)

20-26. International Acad. of Pathology, annual, Boston, Mass. (F. K. Mostofi, Armed Forces Inst. of Pathology, Washington 25.)

21-23. American Assoc. for Thoracic Surgery, Los Angeles, Calif. (H. T. Langston, 7730 Carondelet Ave., St. Louis 5, Mo.)

21-25. Psychosomatic Research, 4th European cong., Hamburg, Germany. (H. Freyberger, II. Med. Univ.-Klinik und Poliklinik, Hamburg-Eppendorf, Germany.)

23-24. Molecular Genetics and Human Disease, symp., Syracuse, N.Y. (L. I. Gardner, Dept. of Pediatrics, State Univ. of New York, College of Medicine, Syracuse 10.)

23-25. American Assoc. of Pathologists and Bacteriologists, Boston, Mass. (R. L. Holman, 1542 Tulane Ave., New Orleans 12, La.)

23-25. Hawaii Medical Assoc., Hilo. (L. McCaslin, 510 S. Beretania St., Honolulu 13.)

24-25. American Assoc. of University Professors, Pittsburgh, Pa. (R. F. Fuchs, AAUP, 1785 Massachusetts Ave., NW, Washington 6.)

24-25. Georgia Acad. of Sciences, Macon. (R. J. Martin, Dept. of Geology, Emory Univ., Atlanta 22, Ga.)

24-25. Louisiana Acad. of Sciences, Ruston. (G. H. Ware, Northwestern State College, Natchitoches, La.)

25. West Virginia Acad. of Sciences, Huntington. (J. D. Draper, Bethany College, Bethany, W.Va.)

25-26. Population Assoc. of America, Providence, R.I. (D. O. Price, Box 630, Chapel Hill, N.C.)

26-29. Industrial Medical Assoc., Chicago, Ill. (L. Arling, 3101 University Ave., SE, Minneapolis 14, Minn.)

27-28. Society of Exploration Geophysicists, 12th annual midwestern exploration, El Paso, Tex. (D. Dawson, Dawson Geophysical Co., Midland, Tex.)

27-28. Society of Neurological Sur-

geons, New York, N.Y. (B. S. Ray, 525 E. 68 St., New York 21.)

27-29. Aero Medical Assoc., Los Angeles, Calif. (T. H. Sutherland, P.O. Box 26, Marion, Ohio.)

27-30. Physical Chemistry of Extractive Metallurgy, intern. symp., Pittsburgh, Pa. (AIME, 29 W. 39 St., New York 18, N.Y.)

27-30. Physical Chemistry of Process Metallurgy, intern. symp., Pittsburgh, Pa. (J. F. Elliott, Room 8-109, Massachusetts Inst. of Technology, Cambridge 39.)

27-1. American Psychiatric Assoc., Philadelphia, Pa. (C. H. Hardin Branch, 156 Westminister Ave., Salt Lake City, Utah.)

30-1. Eastern States Health Education Conf., New York, N.Y. (I. Galdston, New York Acad. of Medicine, 2 E. 103 St., New York 29.)

30-1. Youth Conference on the Atom,

1st natl., Atlantic City, N.J. (W. Adams, Bozell & Jacobs, Inc., 2 W. 45 St., New York 36.)

30-2. American Assoc. for Cleft Palate Rehabilitation, Philadelphia, Pa. (D. C. Spriestersbach, University Hospitals, Iowa City, Iowa.)

30-2. American Goiter Assoc., Chicago, Ill. (J. C. McClintock, 149½ Washington Ave., Albany, N.Y.)

30-2. American Physical Soc., Washington, D.C. (K. K. Darrow, Columbia Univ., New York 27, N.Y.)

30-2. Kansas Acad. of Sciences, Lawrence. (J. O. Harris, Kansas State College, Manhattan.)

30-3. Student American Medical Assoc., Chicago, Ill. (R. F. Staudacher, 430 N. Michigan, Chicago 11.)

30-4. American Assoc. for the Study of Neoplastic Diseases, Gatlinburg, Tenn. (B. H. Sisler, Box 268, Gatlinburg.)

### Millipore BRIEF #231

**Numbers of enterococci in water, sewage, and feces determined by the membrane filter technique with an improved medium.**

An improved medium, M-Enterococcus Agar, to be used with membrane filters for detecting enterococci in water and other materials is described. The MF procedure yields direct counts of enterococci on the filters in shorter time with less effort than any other technique reported to date. The medium appears 100% selective for enterococci requiring no special technician skills for colony differentiation.

Slanetz, L. W. and Bartley, Clara H.  
*Journal of Bacteriology*, 74(5) 591-595, Nov., 1957

### Millipore BRIEF #237

**Analysis of radioactivity in surface waters — practical laboratory methods.**

For water samples where suspended and dissolved radioactivity must be differentiated, a sample (usually 250 ml) is filtered through a tared type HA 47mm diameter white, plain, Millipore Filter disc. The filter containing the suspended solids is dried at 103°C, weighed, treated, and counted — preferably after thoron daughters have decayed to insignificant values.

Seller, L. R., Hagee, G. R., and Straub, C. P.  
*ASTM Bulletin*, No. 227, pp. 35-40, Jan., 1958

### Millipore BRIEF #228

**Electron microscopy of magnesium oxide particles collected on membrane filters.**

This paper presents data on the effects of processing steps required in three different methods of transferring magnesium oxide particles from Millipore Filters to Formvar-coated electron microscope specimen screens. The effects of processing for each method were evaluated in terms of population density, size distribution, and aggregation characteristics of the particles so transferred.

Borasky, R., & Mastel, B.  
AEC Research and Development Report HW-46722 (unclassified) Hanford Atomic Products Operation, Jan., 1956

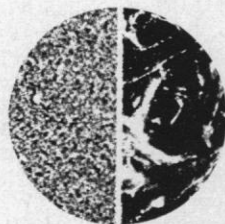
### Millipore BRIEF #227

**Determination and measurement of particles in city atmospheres.**

A simple, direct and uniform method for counting and sizing dust particles in outdoor city air and non-workroom areas is described. A known volume of air is drawn through a Millipore Filter which is then transferred to a microscope slide. Immersion oil is used to render the filter transparent for Microprojector measuring.

Jacobs, Morris B., Ph.D., Braverman, M. M., Theophil, Charles, and Hochheiser, Seymour  
*Amer. Jnl. of Public Health*, 47 (11) 1430-33, Nov., 1957

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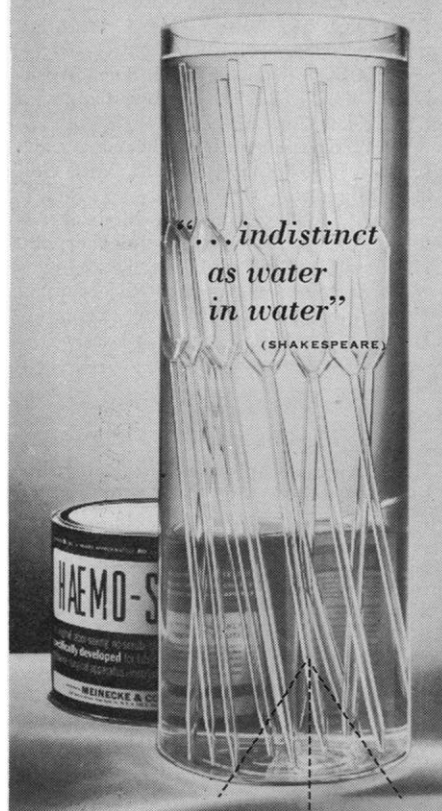
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## May

1-3. Prevention of Bacterial Resistance to Antibiotics, intern. symp., Perugia, Italy. (Segreteria del Simposio, Clinica Ostetrica e Ginecologica, Policlinico, Perugia.)

2. Idaho Acad. of Science, Moscow. (E. J. Larrison, Sec.-Treas., Dept. of Biological Sciences, Univ. of Idaho, Moscow.)

2-3. American Psychosomatic Soc., 16th annual, Atlantic City, N.J. (M. Rosenbaum, APS, 265 Nassau Rd., Roosevelt, N.Y.)

2-7. Experimental Biology, intern. symp. (celebration of Lazzaro Spallanzani), Reggio and Pavia, Italy. (C. Jucci, Director, Istituti di Zoologia L. Spallanzani, Università-Pavia, Palazzo Botta, Pavia, Italy.)

2-9. International Union for Health Education of the Public, 4th conf., Dusseldorf, Germany. (M. L. Viborel, 92, rue St. Denis, Paris 1<sup>e</sup>, France.)

3. American Federation for Clinical Research, annual, Atlantic City, N.J. (G. E. Schreiner, Georgetown Univ. Medical Center, Washington 7.)

3. Periapical Lesions-Pacific Coast Oral Pathology Workshop, 1st annual, Los Angeles, Calif. (W. Bullock, Dept. of Pathology, Univ. of Southern California School of Medicine, 1200 N. State St., Los Angeles.)

3-7. American Assoc. of Cereal Chemists, 44th annual, Washington, D.C. (J. W. Pence, AACC, Western Utilization Research Laboratories, Albany, Calif.)

3-7. Electrochemical Soc., Philadelphia, Pa. (Electrochemical Soc., Inc., 216 W. 102 St., New York 25.)

3-7. Electrode Processes, symp., Philadelphia, Pa. (Headquarters, Air Force Office of Scientific Research, Washington 25.)

3-7. Mechanical Properties of Inter-metallic Compounds, Philadelphia, Pa. (J. H. Westbrook, General Electric Research Laboratory, P.O. Box 1088, Schenectady, N.Y.)

4. American Soc. for Clinical Investigation, annual, Atlantic City, N.J. (W. W. Stead, J. Hillis Miller Health Center, Gainesville, Fla.)

4-7. American Geophysical Union, annual, Washington, D.C. (W. E. Smith, AGU, 1515 Massachusetts Ave., NW, Washington 5.)

4-7. National Instrumentation Flight Test Symp., 5th, Seattle, Wash. (H. T. Noble, Boeing Airplane Co., Flight Test Station, Wichita 1, Kan.)

4-8. American Soc. of Civil Engineers, Cleveland, Ohio. (W. H. Wisely, 33 West 39th St., New York 18.)

5-6. Association of American Physicians, annual, Atlantic City, N.J. (W. W. Stead, vice president, AAFPC, J. Hillis Miller Health Center, Gainesville, Fla.)

5-6. Self-Organizing Systems, conf., Chicago, Ill. (S. Cameron, ICSOS Conference Secretary, Armour Research Foundation, 10 W. 35 St., Chicago 16.)

5-7. International Scientific Radio Union, spring meeting, Washington, D.C. (J. P. Hagen, National Acad. of Sciences, 2101 Constitution Ave., NW, Washington 25.)

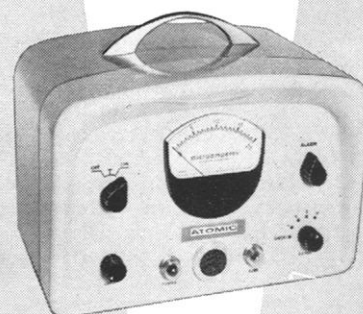
5-9. Southwestern and Rocky Mountain Div., AAAS, Laramie, Wyo. (M. G.

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Anderson, New Mexico College of Agriculture and Mining, State College.)

6-8. American Inst. of Chemists, Atlantic City, N.J. (L. Van Doren, American Inst. of Chemists, Inc., 60 E. 42 St., New York 17.)

6-8. American Pediatric Soc., Buck Hill Falls, Pa. (A. C. McGuinness, 2800 Quebec St., Washington 8.)

6-9. National Science Fair, 10th, Hartford Conn. (Science Clubs of America, 1719 N St., NW, Washington 6.)

6-10. Infectious Pathology, intern. cong., Milan, Italy. (A. Janussi, Secretary General, via Boccaccio 25, Milan.)

7-9. Midwestern Psychological Assoc., Chicago, Ill. (I. E. Farber, Dept. of Psychology, Univ. of Michigan, Ann Arbor.)

7-9. World Cong. on Agricultural Research, International Confederation of Agricultural Engineers and Technicians, Rome, Italy. (CITA, Regional Secretariat, 86, via Barberini, Rome.)

8-10. Uranium, 4th annual symp., Moab, Utah. (AIME, 29 W. 39 St., New York 18.)

9-11. International Soc. of Acupuncture, 10th cong., Paris, France. (SIA, 8 avenue Franklin Roosevelt, Paris 8<sup>e</sup>.)

10-15. Society of American Bacteriologists, St. Louis, Mo. (E. M. Foster, Univ. of Wisconsin, Madison 6.)

10-14. American Soc. of Maxillofacial Surgeons, Chicago, Ill. (O. H. Stuteville, 700 N. Michigan, Chicago 11.)

11-13. Instrumentation and Computation in Process Development and Plant Design, symp., London, England. (Institute of Chemical Engineers, 16, Belgrave Sq., London, S.W.1.)

11-13. Microwave Theory and Techniques, natl. symp., Boston, Mass. (H. Pratt, Inst. of Radio Engineers, 1 E. 79 St., New York 21.)

11-13. Power Instrumentation, natl. symp., Kansas City, Mo. (H. H. Johnson, Consolidated Edison Co. of New York, Room 1515-S, 4 Irving Pl., New York 3.)

13-16. Human Biochemical Genetics, Ciba Foundation symp., London England. (G. E. W. Wolstenholme, Ciba Foundation, 41 Portland Pl., London, W.1.)

14-15. Operations Research Soc. of America, Washington, D.C. (H. J. Miser, Rt. 2, Box 211, Vienna, Va.)

14-16. Acoustical Soc. of America, Ottawa, Canada. (W. Waterfall, 335 E. 45 St., New York 17.)

14-17. American Acad. of Dental Medicine, 13th annual, Atlantic City, N.J. (H. A. Lentz, 619 Main Ave., Passaic, N.J.)

14-16. American Assoc. of Physical Anthropologists, Madison, Wis. (E. E. Hunt, Jr., Peabody Museum, Harvard Univ., Cambridge 38, Mass.)

17-21. American Ceramic Soc., 61st annual, Chicago, Ill. (C. S. Pearce, ACS, 4055 N. High St., Columbus 14, Ohio.)

17-21. Institute of Food Technologists, 19th annual, Philadelphia, Pa. (C. S. Lawrence, IFT, 176 W. Adams St., Chicago 3, Ill.)

17-23. Antibiotics, intern. symp., Prague, Czechoslovakia. (M. Heřmanský, Antibiotics Research Inst., Roztoky near Prague, Czechoslovakia.)

17-23. Mass Spectrometry, 7th, Los Angeles, Calif. (A. G. Sharkey, Jr., U.S. Bureau of Mines, 4800 Forbes Ave., Pittsburgh 13, Pa.)



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