

etry is used in biosynthetic studies in two ways: (i) to determine the degree of incorporation of a stable isotope, as illustrated by some experiments on the biosynthesis of the antifungal antibiotic pyrrolnitrin, and (ii) to determine whether two stable isotope labels are present in the same molecule or in different molecules. The latter application, which is very useful for studies on mechanisms, was discussed in some detail; Samuelsson's work on prostaglandin biosynthesis and Floss's studies on the mechanism of ergot alkaloid formation were used as examples. Proton NMR spectroscopy is most useful for following specific and stereospecific deuterium labels in biosynthetic sequences, as illustrated by Haslam's work on the stereochemistry of phenylalanine ammonia lyase;  $^{13}\text{C}$  NMR, is being used for biosynthetic studies with microorganisms, particularly in work on antibiotics. As examples, studies by Westley *et al.* on antibiotic X-537A, by Suhadolnik's group on showdomycin and by Floss's laboratory on pyrrolnitrin were discussed.

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## Forthcoming Events

### March

9-10. **Pennsylvania Acad. of Science**, Carlisle. (G. C. Shoffstall, Jr., 214 Whitmore Lab., Pennsylvania State Univ., University Park 16802)

11-16. **Symposium on Membranes**, Squaw Valley, Calif. (W. Stoeckenius, Dept. of Bacteriology, Univ. of California, Los Angeles 90024)

11-16. **American Soc. of Photogrammetry**, Washington, D.C. (L. P. Jacobs, 105 N. Virginia Ave., Falls Church, Va. 22046)

12-13. **Drugs, Hormones and the Kidney**, 4th annual nephrology conf., American Heart Assoc., Inc., Philadelphia, Pa. (Dept. of Councils, AHA, 44 E. 23 St., New York 10010)

12-15. **American Soc. for Neurochemistry**, 4th, Columbus, Ohio. (L. A. Horrocks, Dept. of Physiological Chemistry, Ohio State Univ., 1645 Neil Ave., Columbus 43210)

12-15. **Conference on Prevention and Control of Oil Spills**, American Petroleum Inst., Environmental Protection Agency, U.S. Coast Guard, Washington, D.C. (J. R. Gould, Suite 700, 1629 K St., NW, Washington, D.C. 20006)

12-16. **Symposium on Applications of Nuclear Data in Science and Technology**, Intern. Atomic Energy Agency, Paris, France. (J. H. Kane, Office of Information Services, U.S. Atomic Energy Commission, Washington, D.C. 20545)

13-16. **Optical Soc. of America**, Denver, Colo. (M. E. Warga, OSA, 2100 Pennsylvania Ave., NW, Washington, D.C.)

14-16. **American Assoc. of Petroleum Geologists**, Southwest Div., Fort Worth, Tex. (K. Watson, AAPG, 1444 S. Boulder, Box 979, Tulsa, Okla. 74101)

15-16. **Advanced Analytical Concepts for the Clinical Laboratory**, 5th annual, Oak Ridge, Tenn. (C. D. Scott, Oak Ridge Natl. Lab., P.O. Box X, Oak Ridge 37830)

15-16. **Symposium on Drugs and the Unborn Child**, National Foundation-March of Dimes, New York, N.Y. (M. New, Dept. of Pediatrics, Div. of Pediatric Endocrinology, New York Hospital-Cornell Medical Center, 525 E. 68 St., New York 10021)

15-16. **Estuaries of the Pacific Northwest**, 3rd technical conf., Corvallis, Ore. (L. S. Slotta, Ocean Engineering Programs, School of Engineering, Oregon State Univ., Corvallis 97331)

15-17. **Association for Children with Learning Disabilities**, 10th intern. conf., Detroit, Mich. (K. M. Tillotson, ACLD, 2200 Brownsville Rd., Pittsburgh, Pa. 15210)

15-17. **Recent Advances in Particle Physics**, New York Acad. of Sciences, New York, N.Y. (F. Cooper, Belfer Graduate School of Science, Yeshiva Univ., New York)

15-17. **Symposium on Reproductive Biology, Mating Behavior and Captive Breeding of Felids**, World Wildlife Safari and Inst. for the Study and Conservation of Endangered Species, Winston, Ore. (R. L. Eaton, P.O. Box AL, Winston 97496)

16. **Mississippi Acad. of Sciences**, Biloxi. (D. L. Dodgen, University Medical Center, Jackson, Miss. 39216)

16-17. **Texas Acad. of Science**, Austin. (C. G. Skinner, Chemical Sciences, Dept. of Chemistry, North Texas State Univ., Denton 76203)

18-21. **North American Wildlife and Natural Resources**, 38th conf., Washington, D.C. (L. R. Jahn, Wildlife Management Inst., 709 Wire Bldg., Washington, D.C. 20005)

18-22. **Society of Toxicology**, New York, N.Y. (R. A. Scale, ST, Esso Research and Engineering Co., P.O. Box 45, Linden, N.J. 07036)

18-23. **Deafness**, 4th intern. conf., World Federation of the Deaf and Assoc. of the Deaf and Mute in Israel, Tel Aviv, Israel. (A. Reich, Organizing Committee, P.O. Box 16271, Tel Aviv)

18-23. **Symposium on Molecular Biology (Virus Research)**, Intern. Chemical and Nuclear Corp. and Molecular Biology Inst., Univ. of California, Squaw Valley. (C. F. Fox, Dept. of Bacteriology, Univ. of California, Los Angeles 90024)

19-23. **Characterization of Corrosion Products**, Natl. Assoc. of Corrosion Engineers, Anaheim, Calif. (W. D. France, Jr., General Motors Research Labs., General

Motors Technical Center, Warren, Mich. 48090)

20-21. **Californium-252 Utilization**, U.S. Atomic Energy Commission, New York, N.Y. (W. C. Reinig, Savannah River Lab., Aiken, S.C. 29801)

20-23. **American Astronomical Union (Planetary Sciences Div.)**, Tucson, Ariz. (B. Smith, Dept. of Astronomy, New Mexico State Univ., Las Cruces 88001)

21-24. **Association for the Advancement of Medical Instrumentation**, 8th annual, Washington, D.C. (AAMI, Suite 417, 1500 Wilson Blvd., Arlington, Va. 22209)

22-23. **Information Sciences and Systems**, 7th conf., Princeton, N.J. (T. Pavlidis, Dept. of Electrical Engineering, School of Engineering/Applied Science, Engineering Quadrangle, Princeton 08540)

22-24. **AKD Social Science Symp.**, 3rd annual, Richmond, Va. (P. Heim, Dept. of Sociology, Virginia Commonwealth Univ., Richmond 23220)

22-24. **Clinical Chemistry Measurements**, 8th annual, Assoc. for the Advancement of Medical Instrumentation and Natl. Bureau of Standards, Washington, D.C. (F. Keutman, Suite 417, AAMI, 1500 Wilson Blvd., Arlington, Va. 22209)

23-25. **Future Status of Earth Resources in Society**, Natl. Assoc. of Geology Teachers, Central Section, Chicago, Ill. (M. K. Sood, Dept. of Earth Sciences, Northeastern Illinois Univ., Bryn Mawr at St. Louis Ave., Chicago 60625)

26-28. **Engineering Aspects of Magneto-hydrodynamics**, Stanford, Calif. (M. Mitchner, Dept. of Mechanical Engineering, Stanford Univ., Stanford 94305)

26-29. **Paraneoplastic Syndromes**, New York Acad. of Sciences, New York, N.Y. (T. C. Hall, Div. of Oncology, Univ. of Rochester, Rochester, N.Y.)

26-30. **Symposium on New Developments in Radiopharmaceuticals and Labeled Compounds**, Intern. Atomic Energy Agency, Copenhagen, Denmark. (J. H. Kane, Office of Information Services, U.S. Atomic Energy Commission, Washington, D.C. 20545)

27-29. **Reduction of Pollutants in Heterogeneous Combustion Processes**, Combustion Inst., Central States Section, Champaign, Ill. (R. A. Strehlow, 105 Transportation Bldg., Univ. of Illinois, Urbana 61801)

27-29. **National Assoc. for Research in Science Teaching**, Detroit, Mich. (R. W. Lefler, Dept. of Physics, Purdue Univ., Lafayette, Ind. 47907)

27-30. **Institute of Electrical and Electronics Engineers**, New York, N.Y. (D. G. Fink, IEEE, 345 E. 47 St., New York 10017)

28-30. **National Conservation Tillage Conf.**, Des Moines, Iowa. (H. W. Prothard, Soil Conservation Soc. of America, 7515 NE Ankeny Rd., Ankeny, Iowa 50021)

28-30. **Conference on Nuclear Structure and High Energy Physics** (Nuclear Physics Sub-Committee), Inst. of Physics, Liverpool, England. (Meetings Officer, IP, 47 Belgrave Sq., London SW1X 8QX, England)

29-30. **Psychometric Soc.**, Chicago, Ill. (W. B. Schrader, Educational Testing Service, Princeton, N.J. 08540)

29-30. **Rural Health**, American Medical Assoc., Dallas, Tex. (B. L. Bible, AMA, 535 N. Dearborn St., Chicago 60610)

29-31. American **Philosophical** Assoc., Pacific Div., Seattle, Wash. (N. E. Bowie, Hamilton College, Clinton, N.Y. 13323)

29-31. Northwest **Scientific** Assoc., Walla Walla, Wash. (G. H. Deitschman, U.S. Forest Service, P.O. Box 469, Moscow, Idaho 83843)

29-1. Society for **Research in Child Development**, Philadelphia, Pa. (M. K. Harlow, 22 N. Charter St., Madison, Wis. 53706)

30-3. National **Science Teachers** Assoc., Detroit, Mich. (R. H. Carleton, NSTA, 1201 16th St., NW, Washington, D.C. 20036)

31. New Jersey **Acad. of Science**, West Long Branch. (M. L. Branin, Box 61, Cranbury, N.J. 08512)

31-6. American **Pharmaceutical** Assoc., Chicago, Ill. (W. S. Apple, APA, 2215 Constitution Ave., NW, Washington, D.C. 20037)

#### April

1-4. **Information Industry** Assoc., 5th natl., Philadelphia, Pa. (P. G. Zurkowski, 904 Montgomery Bldg., Washington, D.C. 20014)

2. **Mathematical Analysis of Fundamental Biological Phenomena**, New York Acad. of Sciences, New York, N.Y. (O. Gurel, IBM Corp. Scientific Center, White Plains, N.Y.)

2-3. Conference on **Chlorinate Dibenzodioxins and Dibenzofurans: Chemistry, Analytical Methodology, Environmental Aspects, Toxicology, Biochemical Actions**, Natl. Inst. of Environmental Health Sciences, Research Triangle Park, N.C. (J. A. Moore, Natl. Inst. of Environmental Health Sciences, Research Triangle Park 27709)

2-7. American College of **Radiology**, San Francisco, Calif. (W. C. Stronach, ACR, 20 N. Wacker Dr., Chicago, Ill. 60606)

3-5. **Reliability Physics** Symp., Inst. of Electrical and Electronics Engineers, Las Vegas, Nev. (H. Lauffenburger, IIT Research Inst., 10 W. 35 St., Chicago, Ill. 60616)

3-13. **Education of Teachers for Integrated Science**, Committee on Teaching of Science, International Council of Scientific Unions, College Park, Md. (M. Dietz, Science Teaching Center, Univ. of Maryland, College Park 20742)

4-5. **Environmental Pollution**, 4th annual symp., American Ordnance Assoc., Chesapeake chapter, Edgewood Arsenal, Md. (A. Sullivan, AOA, Union Trust Bldg., 740 15th St., NW, Washington, D.C. 20005)

4-7. American **Fertility** Soc., San Francisco, Calif. (W. C. Stronach, AFS, 1801 Ninth Ave. S., Birmingham, Ala. 35205)

5-7. Alabama **Acad. of Science**, Huntsville. (T. Denton, Biology Dept., Samford Univ., Birmingham, Ala. 35209)

5-7. Michigan **Acad. of Science, Arts and Letters**, Ann Arbor. (T. G. Overmire, MASAL, 2117 Washtenaw Ave., Ann Arbor 48104)

5-7. West Virginia **Acad. of Science**,

Fairmont. (E. A. Bartholomew, West Virginia Univ., Morgantown 26506)

5-7. National Council of **Teachers of Mathematics**, Charleston, S.C. (F. A. Kirby, Union County Public Schools, P.O. Box 629, Union, S.C.)

5-9. **Combustion Engines**, 10th intern. congr., American Soc. of Mechanical Engineers, Washington, D.C. (Meetings Officer, ASME, United Engineering Center, 345 E. 47 St., New York 10017)

6-8. American **Psychosomatic** Soc., 30th annual, Denver, Colo. (M. T. Singer, 265 Nassau Rd., Roosevelt, N.Y. 11575)

7-12. American College of **Allergists**, Atlanta, Ga. (E. Bauers, 2100 Dain Tower, Minneapolis, Minn. 55402)

7-12. **Wound Healing**, intern. symp.,

Rotterdam, Netherlands. (Gerrit Jan Mulder Foundation, c/o Rotterdam Medical Faculty & Holland Organizing Centre, The Hague, Netherlands)

8-11. American Assoc. of **Dental Schools**, Washington, D.C. (B. F. Miller, III, AADS, 211 E. Chicago Ave., Chicago, Ill. 60611)

8-13. American **Chemical** Soc., 165th natl., Dallas, Tex. (Meetings Manager, ACS, 1155 16th St., NW, Washington, D.C. 20036)

8-14. **Turbulent Diffusion in Environmental Pollution**, 2nd symp., American Geophysical Union, Charlottesville, Va. (A. F. Spilhaus, Jr., American Geophysical Union, 1707 L St., NW, Washington, D.C. 20036)

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9-10. **Cooley's Anemia**, New York Acad. of Sciences, New York, N.Y. (E. C. Zaino, Mercy Hospital, Rockville Centre, N.Y.)

9-11. **Frontiers in Education**, Education Group of the Inst. of Electrical and Electronics Engineers, West Lafayette, Ind. (Meetings Officer, IEEE, 345 E. 47 St., New York 10017)

9-11. **Interaction of Particle Beams with Surfaces**, Lancaster, England. (Meetings Officer, Inst. of Physics, 47 Belgrave Sq., London SW1X 8QX, England)

9-11. **American Vacuum Soc.**, New Mexico chapter, Albuquerque. (R. L. Gerlach, Sandia Labs., Albuquerque)

9-12. **American Assoc. of Anatomists**, New York, N.Y. (J. E. Pauly, Dept. of Anatomy, Univ. of Arkansas School of Medicine, Little Rock 72201)

9-12. **Cancer Detection and Prevention**, 2nd intern. symp., Intern. Union against Cancer and Intern. Agency for Research on Cancer of the World Health Organization, Bologna, Italy. (2nd Intern. Symp. on CDP, Istituto di Oncologia "F. Ad-darii," Viale Ercolani 4/2, 40138 Bologna)

9-12. **American Acad. of Pediatrics**, Boston, Mass. (R. G. Frazier, AAP, 1801 Hinman Ave., Evanston, Ill. 60201)

10-11. **Extrusion**, 2nd conf., Div. of Business and Management, New York Univ., New York, N.Y. (W. A. Kulok, Div. of Business and Management, New York Univ., 37 NR, 600 Third Ave., New York 10016)

10-12. **Vibration Problems in Industry**, intern. symp., United Kingdom Atomic

Energy Authority, Keswick in Cumberland, England. (J. R. Wakefield, UKAEA, Windscale, Seascale, Cumberland, England, CA20 1PF)

10-13. **Acoustical Soc. of America**, Boston, Mass. (B. H. Goodfriend, ASA, 335 E. 45 St., New York 10017)

11-13. **American Assoc. for Cancer Research**, Inc., 64th annual, Atlantic City, N.J. (H. J. Creech, AACR, Inst. for Cancer Research, Fox Chase, Philadelphia, Pa. 19111)

11-14. **Symposium on Physiological Ecology of Estuarine Organisms**, Georgetown, S.C. (F. J. Vernberg, Belle W. Baruch Coastal Research Inst., Univ. of South Carolina, Columbia 29208)

12-14. **Society for Applied Anthropology**, 33rd annual, Tucson, Ariz. (T. E. Downing, Bureau of Ethnic Research, Univ. of Arizona, Tucson 85721)

12-14. **American Assoc. of Physical Anthropologists**, Dallas, Tex. (E. I. Fry, Dept. of Anthropology, Box 339, Southern Methodist Univ., Dallas 75222)

12-14. **Association of Southeastern Biologists**, Bowling Green, Ky. (M. L. Gilbert, Biology Dept., Florida Southern College, Lakeland 33802)

12-15. **International Assoc. for Dental Research**, North American Div., Washington, D.C. (A. R. Frechette, IADR, 211 E. Chicago Ave., Chicago, Ill. 60611)

13. **Utah Acad. of Sciences, Arts and Letters**, Logan. (H. Buehanan, Dept. of Botany, Weber State College, Ogden 84403)

13-14. **Socio-Economics of Health**

Care, American Medical Assoc., Chicago, Ill. (J. Rowland, Div. of Medical Practice, AMA, 535 N. Dearborn St., Chicago 60610)

15-18. **Association of American Geographers**, Atlanta, Ga. (J. W. Nystrom, AAG, 1710 16th St., NW, Washington, D.C. 20009)

15-19. **Industrial Aspects of Biochemistry**, Federation of European Biochemical Socs., Dublin, Ireland. (B. Masterson, FEBS Meeting Secretariat, IMA Conf. Centre, 10, Fitzwilliam Pl., Dublin 2)

15-20. **American Soc. of Biological Chemists**, Atlantic City, N.J. (R. A. Harte, ASBC, 9650 Rockville Pike, Bethesda, Md. 20014)

15-20. **Federation of American Socs. for Experimental Biology**, Atlantic City, N.J. (A. Nixon, FASEB, 9650 Rockville Pike, Bethesda, Md. 20014)

15-20. **American Physiological Soc.**, Atlantic City, N.J. (R. G. Dagg, APS, 9650 Rockville Pike, Bethesda, Md. 20014)

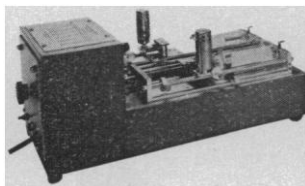
16-18. **Anglo-American Conf. on Drug Abuse**, jointly by Royal Soc. of Medicine and Royal Soc. of Medicine Foundation Inc., London, England. (Conf. Office, Royal Soc. of Medicine, 1 Wimpole St., London, W1M 8AE)

16-18. **Liquid State—Van der Waals Centenary**, Kent, England. (Meetings Officer, Inst. of Physics, 47 Belgrave Sq., London SW1X 8QX England)

16-18. **Nonlinear Elasticity**, Madison, Wis. (G. G. Moran, Mathematics Research Center, Univ. of Wisconsin, 610 Walnut St., Madison 53706)

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16-20. American Soc. for **Experimental Pathology**, Atlantic City, N.J. (G. B. Mider, ASEP, 9650 Rockville Pike, Bethesda, Md. 20014)

16-20. American **Geophysical Union**, 54th annual, Washington, D.C. (A. F. Spilhaus, Jr., AGU, 1707 L St., NW, Washington, D.C. 20036)

16-20. American Assoc. of **Immunologists**, Atlantic City, N.J. (H. Metzger, AAI, 9650 Rockville Pike, Bethesda, Md. 20014)

16-20. American Inst. of **Nutrition**, Atlantic City, N.J. (AIN, 9650 Rockville Pike, Bethesda, Md. 20014)

16-20. American Soc. for **Pharmacology and Experimental Therapeutics**, Atlantic City, N.J. (E. B. Cook, ASPET, 9650 Rockville Pike, Bethesda, Md. 20014)

18-20. **Great Lakes Research**, 16th conf., Intern. Assoc. for Great Lakes Research, Columbus, Ohio. (C. E. Herdendorf, College of Biological Sciences, Ohio State Univ., Columbus 43210)

19-20. Symposium on **Controlled Release of Biologically Active Agents**, Birmingham, Ala. (A. C. Tanquary, Southern Research Inst., 2000 Ninth Ave. S., Birmingham 35205)

19-21. Southern Soc. for **Philosophy and Psychology**, Knoxville, Tenn. (M. Loeb, Dept. of Psychology, Univ. of Louisville, Louisville, Ky.)

20-21. Illinois State **Acad. of Science**, Urbana. (N. R. Brewer, ISAS, 5757 S. Drexel Ave., Chicago)

22-26. American **Radium Soc.**, Colorado Springs, Colo. (F. N. Rutledge, 4828 Caroline St., Houston, Tex. 77004)

22-27. Council for **Exceptional Children**, 51st annual intern., Dallas, Tex. (P. W. Stavros, CEC, 1411 S. Jefferson Davis Hwy., Arlington, Va. 22202)

23-25. **Instrument Soc. of America**, 19th analysis instrumentation symp., 14th chemical and petroleum instrumentation symp., Process Measurement and Control Div. symp., St. Louis, Mo. (J. L. Kern, Monsanto Co., 800 N. Lindbergh St., St. Louis 63166)

23-28. American Acad. of **Neurology**, Boston, Mass. (S. A. Nelson, AAN, 4005 W. 65 St., Minneapolis, Minn. 55435)

23-30. American Soc. for **Clinical Investigation**, Atlantic City, N.J. (P. Calabresi, Roger Williams General Hospital, Providence, R.I. 02908)

24-27. International **Magnetics Conf.**, Magnetic Soc. of the Inst. of Electrical and Electronics Engineers, Washington, D.C. (D. H. Looney, Bell Labs., Whippany Rd., Whippany, N.J. 07981)

25-26. American **Geriatrics Soc.**, Beverly Hills, Calif. (E. Henderson, 10 Columbus Circle, New York 10019)

25-27. **Nondestructive Evaluation**, 9th symp., Southwest Research Inst. and South Texas Section, American Soc. for Non-destructive Testing, Inc., San Antonio. (G. Matzkanin, SRI, P.O. Drawer 28510, San Antonio 78284)

25-27. The **Ocean, Nuclear Energy, and Man**, American Nuclear Soc. and Marine Technology Soc., Palm Beach Shores (Singer Island), Fla. (M. J. Ohanian, Dept. of Nuclear Engineering, Univ. of Florida, Gainesville 32601)

25-28. International **Communication Assoc.**, Montreal, P.Q., Canada. (M. Z.

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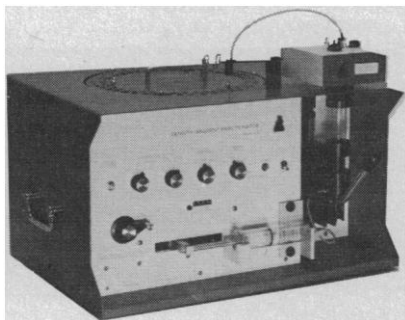
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25-28. National Council of Teachers of Mathematics, Houston, Tex. (J. D. Gates, NCTM, 1201 16th St., NW, Washington, D.C. 20005)

26. Sigma Pi Sigma, Washington, D.C. (D. W. J. Shea, State Univ. of New York, Stony Brook 11790)

26-27. Scanning Electron Microscope Symp., 6th annual, Chicago, Ill. (O. Johari, IIT Research Inst., 10 W. 35 St., Chicago 60616)

26-28. Louisiana Acad. of Sciences, Monroe. (B. F. Dowden, Dept. of Biological Sciences, Louisiana State Univ., Shreveport 71105)

26-28. Ohio Acad. of Science, Cleveland. (J. H. Melvin, OAS, 445 King Ave., Columbus 43201)

26-28. Population Assoc. of America, New Orleans, La. (J. W. Brackett, PAA, P.O. Box 14182, Benjamin Franklin Sta., Washington, D.C. 20044)

27-28. Georgia Acad. of Science, Atlanta. (E. A. Stanley, Dept. of Geology, Univ. of Georgia, Athens 30601)

27-28. Iowa Acad. of Science, Grinnell. (R. W. Hanson, Dept. of Chemistry, Univ. of Northern Iowa, Cedar Falls 50613)

27-28. Missouri Acad. of Science, Columbia. (R. G. Combs, 206 Electrical Engineering Bldg., Univ. of Missouri, Columbia 65201)

27-28. North Carolina Acad. of Science, Charlotte. (J. A. Yarbrough, Dept. of Biology, Meredith College, Raleigh 27602)

27-28. American Assoc. of University Professors, St. Louis, Mo. (B. H. Davis, AAUP, Suite 500, 1 Dupont Circle, NW, Washington, D.C. 20036)

27-28. Wisconsin Acad. of Sciences, Arts and Letters, Prairie du Chien. (J. R. Batt, WASAL, 5001 University Ave., Madison 53705)

28. Society for Investigative Dermatology, Atlantic City, N.J. (J. S. Strauss, Boston Univ. Medical Center, 80 E. Concord St., Boston, Mass. 02118)

28. Societal Problems of Water Resources, 2nd annual symp., Illinois Earth Science Assoc., Chicago. (M. Qutub, Northeastern Illinois Univ., Bryn Mawr at St. Louis Ave., Chicago 60625)

28-29. Montana Acad. of Sciences, Dillon. (R. E. Juday, Dept. of Chemistry, Univ. of Montana, Missoula 59801)

28-30. International Symp. on the Genetics of Cyanophytes, Pittsburgh, Pa. (E. Raizen, Dept. of Biological Sciences, Duquesne Univ., Pittsburgh 15219)

29-1. Classification Soc., North American Branch, 4th annual, Atlanta, Ga. (F. J. Rohlf, Dept. of Biology, State Univ. of New York, Stony Brook 11790)

29-2. Off-Shore Technology, Inst. of Electrical and Electronics Engineers, Houston, Tex. (Technical Activities Bd., 345 E. 47 St., New York 10017)

29-3. American Ceramic Soc., Inc., Cincinnati, Ohio. (F. P. Reid, ACSI, 65 Ceramic Dr., Columbus 43214)

29-3. American Oil Chemists Soc., New Orleans, La. (J. Lyon, AOCS, 508 S. 6 St., Champaign, Ill. 61820)

30-12. Lindau Psychotherapy Weeks, Assoc. for Psychotherapeutic Training, Lindau, Germany. (H. Stolze, D-8 München 81, Adalbert-Stifter-Strasse 31)

May

1-2. Electron Device Techniques Conf., Inst. of Electrical and Electronics Engineers, New York, N.Y. (D. Slater, Advisory Group on Electron Devices, 9th Floor, 201 Varick St., New York 10014)

1-3. Industrial Waste, 28th annual conf., West Lafayette, Ind. (D. W. Hawkins, Room 308, Civil Engineering Bldg., Purdue Univ., West Lafayette 47907)

1-4. Virginia Acad. of Science, Williamsburg. (R. C. Berry, 5907 Brookfield Rd., Richmond, Va. 23227)

2-4. International Conf. on Surgical Care, Royal College of Surgeons, Dublin, Ireland. (H. O'Flanagan, Irish Medical Assoc., 10 Fitzwilliam Pl., Dublin 2)

2-5. Midwestern Assoc. of Forensic Scientists, Lansing, Mich. (R. E. Bisbing, Div. of Crime Detection, Michigan Dept. of Public Health, 3500 N. Logan St., Lansing 48914)

2-6. Protides of Biological Fluids, 21st colloquium, Brugge, Belgium. (Colloquium on Protides of the Biological Fluids, Simon Stevin Instituut, Jerusalemstraat 34, B-8000 Brugge)

3-4. National Information Retrieval Colloquium, 10th annual, Philadelphia, Pa. (M. Nussbaum, Computamation, 2955 Kensington Ave., Philadelphia 19134)

3-5. Society for American Archaeology, San Francisco, Calif. (R. E. W. Adams, Univ. of Texas, Suite 250, 4242 Piedras Dr., San Antonio 78228)

3-5. American Assoc. for the History of Medicine, Cincinnati, Ohio. (G. Miller, Howard Dittrick Museum of Historical Medicine, 11,000 Euclid Ave., Cleveland, Ohio 44106)

3-5. Eastern Psychological Assoc., Washington, D.C. (M. Benimoff, Dept. of Psychology, Glassboro State College, Glassboro, N.J. 08028)

3-6. Christian Medical Soc., Dallas, Tex. (H. W. Robinson, 3909 Swiss Ave., Dallas 75214)

3-6. Association of Clinical Scientists, Tampa, Fla. (F. W. Sunderman, Jr., Univ. of Connecticut, School of Medicine, Box G, Farmington 06032)

3-6. National Assoc. of Social Workers, Atlanta, Ga. (C. A. Alexander, NASW, 600 Southern Bldg., 15th and H Sts., NW, Washington, D.C. 20005)

3-7. American Psychoanalytic Assoc., Honolulu, Hawaii. (S. Goodman, 3021 Telegraph Ave., Berkeley, Calif. 94705)

3-7. Association for Research in Vision and Ophthalmology, Sarasota, Fla. (R. D. Reinecke, Albany Medical College, Albany, N.Y. 12208)

4-5. Minnesota Acad. of Science, Northfield. (M. I. Harrigan, MAS, 3100 38th Ave., S., Minneapolis, Minn. 55406)

4-5. North Dakota Acad. of Science, Grand Forks. (B. G. Gustafson, Div. of Continuing Education, Univ. of North Dakota, Grand Forks 58201)

4-6. American College of Apothecaries, St. Louis, Mo. (D. C. Huffman, Jr., 5291 Rock Ridge Rd., Memphis, Tenn. 38128)

4-6. American Acad. of Psychoanalysis, Honolulu, Hawaii. (J. Barnett, AAP, 40 Gramercy Park N., New York 10024)

6-11. American Soc. for Microbiology, Miami Beach, Fla. (R. W. Sarber, ASM, 1913 I St., NW, Washington, D.C. 20006)