

tion nor the anodic stripping voltammetry techniques were used to analyze the first seawater sample in a manner that gave reliable results. Although concentrations reported for the second sample were closer to standardized values, it was agreed that this reflected an increase in the ratio of analyzed sample lead to procedural blank lead. Results obtained in the third and fourth standardized samples substantiated this interpretation. Material balance considerations showed that the amounts of lead in the analyzed sample were of the same order as the amounts of lead in the blanks. Total errors of analyses were of the same order of magnitude as reported concentrations.

A most significant and encouraging outcome of the workshop was that analysts and advisers attending the meeting made a number of recommendations for improving the accuracy of atomic absorption and anodic stripping voltammetry methods of analyzing lead in seawater, which they agreed to use in their own future work. These recommendations included ways of increasing the amount of analyzed sample lead, together with directions for reducing procedural blank lead.

A valuable result of the workshop was the development of a reliable method for cleaning containers used for shipping standardized samples of seawater.

The group agreed that the workshop should be continued until some of the participants demonstrated an ability to determine lead in seawater reliably with either atomic absorption or anodic stripping voltammetry techniques.

The difficulties that have been revealed in this study regarding the analysis of lead in seawater by atomic absorption and anodic stripping voltammetry may not apply uniquely to lead. Similar difficulties may exist for other metals in seawater, such as copper and cadmium. It was recommended that all analysts consider whether the adoption of clean laboratory techniques and procedural modifications that would improve the sample to blank metal ratio for other heavy metals might produce more reliable results for these other trace metals as well.

A detailed report containing results and recommendations, which will be submitted to a journal for publication, was prepared by those attending this meeting.

C. PATTERSON

Division of Geological and Planetary Sciences, California Institute of Technology, Pasadena 91109

Forthcoming Events

March

7-8. **Dyssocial Behavior Control** (Psychosurgery), 5th cerebral function symp., Coronado, Calif. (L. Smith, Porter Memorial Hospital, 2525 S. Downing St., Denver, Colo. 80210)

8-11. **Environmental Mutagen** Soc., 4th annual, Washington, D.C. (R. J. Burk, Jr., EMS, 4211 39th St., NW, Washington, D.C. 20016)

8-11. **Acupuncture and Chinese Medicine**, 2nd world symp., San Francisco, Calif. (J. Kao, Managing Editor, *American Journal of Chinese Medicine*, P.O. Box 555, Garden City, N.Y. 11530)

9-12. **American Assoc. of Pathologists and Bacteriologists**, San Francisco, Calif. (A. J. French, 1335 E. Catherine St., Ann Arbor, Mich. 48104)

9-16. **International Acad. of Pathology**, San Francisco, Calif. (L. D. Stoddard, Medical College of Georgia, Augusta 30902)

10-14. **International Anesthesia Research Soc.**, 48th congr., San Francisco, Calif. (B. B. Sankey, 3645 Warrensville Center Rd., Cleveland, Ohio 44122)

10-14. **Society of Toxicology**, Washington, D.C. (R. A. Scala, Medical Research Div., Esso Research and Engineering Co., Linden, N.J. 07036)

10-15. **American Soc. of Photogrammetry**, St. Louis, Mo. (L. P. Jacobs, 105 N. Virginia Ave., Falls Church, Va. 22046)

11-14. **American Soc. of Neurochemistry**, 5th annual, New Orleans, La. (S. H. Appel, Duke Univ. Medical Center, Durham, N.C. 27706)

11-15. **National Assoc. of Corrosion Engineers**, 30th annual conf., Chicago, Ill. (NACE, 2400 West Loop S, Houston, Tex. 77027)

11-15. **Symposium on Isotope Techniques in Groundwater Hydrology**, Intern. Atomic Energy Agency, Vienna, Austria. (J. H. Kane, Office of Information Services, U.S. Atomic Energy Commission, Washington, D.C. 20545)

12-14. **National Federation of Abstracting and Indexing Services**, Chicago, Ill. (S. Keenan, NFAIS, 3401 Market St., Philadelphia, Pa. 19104)

13. **Symposium on Sickle Cell Anemia and Other Hemoglobinopathies**—Teaching Day in Hematology, Research Foundation of the State Univ. of New York, Brooklyn, N.Y. (B. Kearney, Box 20, Downstate Medical Center, 450 Clarkson Ave., Brooklyn 11203)

13-14. **Environmental Research Symp.**, 5th annual, Chemical and Biological Div., American Defense Preparedness Assoc., Washington, D.C. (ADPA, Suite 819, 740 15th St., NW, Washington, D.C. 20005)

13-15. **American Acad. of Occupational Medicine**, San Francisco, Calif. (J. M. MacMillan, Reynolds Metals Co., P.O. Box 27003, Richmond, Va. 23261)

15-19. **National Science Teachers Assoc.**, Chicago, Ill. (R. H. Carleton, NSTA, 1201 16th St., NW, Washington, D.C. 20036)

17-20. **American Assoc. of Dental Schools**, Atlanta, Ga. (B. F. Miller, AADS, 1625 Massachusetts Ave., NW, Washington, D.C. 20036)

18-20. **International Symp. on Physiological and Toxicological Aspects of Combustion Products**, Committee on Fire Research, Natl. Acad. of Sciences, and the Flammability Research Center, Univ. of Utah, Salt Lake City. (I. N. Einhorn, Div. of Materials Science and Engineering, Univ. of Utah, 2020 Merrill Engineering Bldg., Salt Lake City 84112)

18-22. **Lunar Science Conf.** 5th, NASA Johnson Space Center and Lunar Science Inst., Houston, Tex. (LSI, 3303 NASA Rd. 1, Houston 77058)

20-22. **International Topical Conf. on Tetrahedrally Bonded Amorphous Semiconductors**, Yorktown Heights, N.Y. (M. H. Brodsky, IBM Corp., T. J. Watson Research Center, Yorktown Heights, 10598)

21-22. **Symposium on the Preventability of Perinatal Injury**, Natl. Foundation—March of Dimes, New York, N.Y. (Coordinator, SPPI, NF-MD, 315 Park Ave., S., New York 10010)

21-23. **Florida Acad. of Sciences**, Orlando. (I. Foster, Eckert College, St. Petersburg, Fla.)

21-23. **Mississippi Acad. of Sciences**, Biloxi. (C. L. Dodgen, University Medical Center, Jackson, Miss. 39216)

21-24. **International Assoc. for Dental Research**, North American Div., Atlanta, Ga. (A. R. Frechette, IADR, 211 E. Chicago Ave., Chicago, Ill. 60611)

22-23. **Michigan Acad. of Science, Arts and Letters**, East Lansing. (D. Stokes, 1006 Rackham Bldg., Univ. of Michigan, Ann Arbor 48104)

25-26. **State Medical Soc. of Wisconsin**, Milwaukee. (E. R. Thayer, Box 1109, Madison, Wis. 53701)

25-26. **Theory and Use of the Scanning Electron Microscope Conf.**, Rockville, Md. (J. M. Wehrung, EMventions Microanalysis Lab., 2351 Shady Grove Rd., Rockville 20850)

25-28. **American Physical Soc.**, Philadelphia, Pa. (W. W. Havens, Jr., APS, 335 E. 45 St., New York 10017)

25-28. **American College of Surgeons**, Houston, Tex. (E. W. Gerrish, ACS, 55 E. Erie St., Chicago, Ill. 60611)

25-28. **Institute of Electrical and Electronics Engineers**, New York, N.Y. (D. G. Fink, IEEE, 345 E. 47 St., New York 10017)

25-29. **Molecular Biology and Mechanisms of Virus Disease**, winter confs., Intern. Chemical and Nuclear Corp. and the Univ. of California at Los Angeles, Squaw Valley, Calif. (Conf. Office, Virus Research, c/o Dept. of Bacteriology, Univ. of California, Los Angeles 90024)

26-27. **Reducing Fuel Consumption and Emissions by Combustion Modifications**, Central States Section, Combustion Inst., Madison, Wis. (G. Borman, Univ. of Wisconsin, 1513 University Ave., Madison 53706)

26-29. **American Astronomical Soc.**, Lincoln, Neb. (H. M. Gurin, AAS, 211 FitzRandolph Rd., Princeton, N.J. 08540)

26-29. **National Atomic and Molecular Physics Conf.**, 6th, Inst. of Physics, Swansea, England. (Meetings Officer, IP, 47 Belgrave Sq., London, SW1X 8QX, England)

26-29. **Institute of Electrical and Electronic Engineers**, intern. conv., New York, N.Y. (D. Larson, IEEE INTERCON,

3600 Wilshire Blvd., Los Angeles, Calif. 90010)

27. American Soc. of **Clinical Oncology**, Houston, Tex. (A. Evans, Children's Hospital of Philadelphia, 1740 Bainbridge St., Philadelphia, Pa. 19146)

27-29. **Nuclear Structure and High Energy Physics** Conf., Inst. of Physics, Glasgow, Scotland. (IP, 47 Belgrave Sq., London, SW1X 8QX, England)

27-29. **Textile Research** Inst., 44th annual, New York, N.Y. (TRI, 601 Prospect Ave., P.O. Box 625, Princeton, N.J. 08540)

28-29. American Board of **Medical Specialties**, Chicago, Ill. (J. C. Nunemaker, Suite 1160, 1603 Orrington, Evanston 60201)

28-30. American Assoc. for **Cancer Research**, 65th annual, Houston, Tex. (H. J. Creech, AACR, Inst. for Cancer Research, Fox Chase, Philadelphia, Pa. 19111)

28-30. South Carolina **Acad. of Science**, Hartsville. (J. M. Barry, College of General Studies, Univ. of South Carolina, Columbia 29208)

29-30. New England **Bioengineering** Conf., 2nd annual, American Soc. of Engineering Education and the Inst. of Electrical and Electronics Engineers, Worcester, Mass. (R. A. Peura, Worcester Polytechnic Inst., Worcester 01609)

29-31. American **Psychosomatic** Soc., 31st, Philadelphia, Pa. (D. Oken, 265 Nassau Rd., Roosevelt, N.Y. 11575)

29-31. **Seismological** Soc. of America, Las Vegas, Nev. (W. K. Cloud, SSA, P.O. Box 826, Berkeley, Calif. 94701)

29-31. National **Wildlife Federation**, Denver, Colo. (T. L. Kimball, NWF, 1412 16th St., NW, Washington, D.C. 20036)

29-3. American Soc. of **Abdominal Surgeons**, Las Vegas, Nev. (B. F. Alfano, 675 Main St., Melrose, Mass. 02176)

30-1. National **Drug Abuse** Conf., Chicago, Ill. (E. C. Senay, Museum of Science and Industry, 57th St. and Lake Shore Dr., Chicago 60637)

30-4. **Gas Turbine** Conf., American Soc. of Mechanical Engineers, Zurich, Switzerland. (M. Churchill, ASME, 345 E. 47 St., New York 10017)

31-3. International Soc. for **Experimental Hematology**, 3rd, Houston, Tex. (J. J. Trentin, Div. of Experimental Biology, College of Medicine, Texas Medical Center, Houston 77025)

31-5. American College of **Physicians**, New York, N.Y. (E. C. Rosenow, Jr., 4200 Pine St., Philadelphia, Pa. 19104)

April

1-2. **Synchrotron Radiation and Its Applications to the Analysis of Problems in Scientific Investigation** Conf., Inst. of Physics, Reading, England. (Meetings Officer, IP, 47 Belgrave Sq. London, SW1X 8QX, England)

1-3. American Assoc. of **Petroleum Geologists**, San Antonio, Tex. (T. L. Bear, Bear & Kistler, 1052 W. 6 St., Los Angeles, Calif. 90017)

1-3. Society of **Economic Paleontologists and Mineralogists**, San Antonio, Tex. (R. Tener, Box 979, Tulsa, Okla. 74101)

1-4. American Assoc. of **Anatomists**, Cleveland, Ohio. (J. E. Pauly, Univ. of Arkansas, School of Medicine, Little Rock 72201)

1-4. **Industrial Water and Pollution** Conf., Water and Wastewater Equipment Manufacturers Assoc., Detroit, Mich. (R. C. Hughes, WWEMA, 744 Broad St., Newark, N.J. 07102)

1-4. **Geochemical Exploration**, 5th intern. symp., Vancouver, B.C., Canada. (J. J. Barakso, Mineral Environment Labs. Ltd., 705 W. 15 St., North Vancouver)

1-5. International Symp. on **Advances in Polymer Friction and Wear**, American Chemical Soc., Los Angeles, Calif. (L.-H. Lee, Wilson Center of Technology, Xerox Corp., Webster, N.Y. 14580)

1-5. **Farm and Agricultural Industries**, 11th intern. conf., Intern. Commission of Agriculture and Food Industries and the Greek Chemists' Assoc., Athens. (L. de Saint Rat, ICAFI, 24, rue de Teheran, 75008 Paris, France)

1-5. American College of **Radiology**, New Orleans, La. (W. C. Stronach, ACR, 20 N. Wacker Dr., Chicago, Ill. 60606)

2-4. **Fast Reactor Safety** Conf., American Nuclear Soc., Beverly Hills, Calif. (J. B. Moore, Southern California Edison, P.O. Box 800, Rosemead, Calif. 91770)

2-4. **Mechanical Properties of Materials at High Rates of Strain**, Inst. of Physics, Oxford, England. (J. Harding, Dept. of Engineering Science, Parks Rd., Oxford, OX1 3PJ)

2-5. American **Astronomical** Soc., Palo
SCIENCE, VOL. 183



COMMUNICULTURES

...a new way to understand cultural interactions

You can now grow up to four pure and separate cultures in a single mixed culture system. The metabolic products of the cells in each chamber are free to communicate on a molecular level with the cells in the other chambers to influence growth and metabolism. Yet, each individual culture remains homogeneous for meaningful analysis. The Ecologen is a multiple diffusion chamber which simulates the natural environment by permitting interaction of metabolic products. To regulate cultural interaction, the Ecologen can be equipped with controls for pH, dissolved oxygen, temperature and agitation. It is ideal for studies of soils, water, oral cavities, and digestive tracts, and can be used to isolate different metabolites in a cell-free chamber.

ASK FOR BULLETIN E40-S/274



NEW BRUNSWICK SCIENTIFIC CO., INC.
1130 Somerset Street, New Brunswick, N.J. 08903 • 201/846-4600
With NBS, Advanced Technology is a Way of Life.

Alto, Calif. (J. Veverka, Center for Radiophysics and Space Research, Space Sciences Bldg., Cornell Univ., Ithaca, N.Y. 14850)

2-5. American College Health Assoc., Dallas, Tex. (J. W. Dilley, 2807 Central St., Evanston, Ill. 60201)

3-4. National Conf. on New Systems in Health and Welfare Management, Chicago, Ill. (R. E. Gitelman, Dept. W-37, Div. of Business and Management, New York Univ., 600 Third Ave., New York 10016)

3-4. Railroad Conf., American Soc. of Mechanical Engineers and Inst. of Electrical & Electronics Engineers, Pittsburgh, Pa. (E. K. Farrelly, Port Authority of New York and New Jersey, World Trade Center, New York 10047)

3-4. Metal Semiconductor Contacts Conf., Inst. of Physics, Manchester, England. (Meetings Officer, IP, 47 Belgrave Sq., London, SW1X 8QX, England)

3-5. American Soc. for Artificial Internal Organs, Chicago, Ill. (K. K. Burke, ASA10, Box 777, Boca Raton, Fla. 33432)

3-7. International Union of Angiology Congr., 9th, Florence, Italy. (F. Pratesi, Via della Robbia 5, Florence 50132)

4-5. Biomedical Applications of the Scanning Electron Microscope Conf., Rockville, Md. (J. M. Wehrung, EMventions Microanalysis Lab., 2351 Shady Grove Rd., Rockville 20850)

4-7. American Fertility Soc., Miami, Fla. (H. H. Thomas, 1801 Ninth Ave., S. Birmingham, Ala. 35205)

4-7. Missouri State Medical Assoc., Kansas City. (R. McIntyre, P.O. Box 1028, Jefferson City, Mo. 65101)

5-6. Alabama Acad. of Science, Birmingham. (D. Costes, Science Dept., Troy State Univ., Troy, Ala. 36081)

5-6. American Burn Assoc., Cincinnati, Ohio. (A. R. Dimick, Dept. of Surgery, Univ. of Alabama, University Station, Birmingham 35294)

7-10. Conference on Environmental Acoustics, American Soc. for Testing and Materials, Columbus, Ohio. (J. McFadden, ASTM, 1916 Race St., Philadelphia, Pa. 19103)

7-12. American Assoc. of Immunologists, Atlantic City, N.J. (H. Metzger, AAI, 9650 Rockville Pike, Bethesda, Md. 20014)

7-12. American Physiological Soc., At-

lantic City, N.J. (R. G. Daggs, APS, 9650 Rockville Pike, Bethesda, Md. 20014)

8-10. Engineering Aspects of Magneto-hydrodynamics Symp., Tullahoma, Tenn. (Y. C. L. Wu, Energy Conversion Research Div., Univ. of Tennessee Space Inst., Tullahoma 37388)

8-10. Symposium on Identification and Transformation of Aquatic Pollutants, Environmental Protection Agency, Univ. of Georgia, American Soc. for Microbiology, and American Chemical Soc., Athens, Ga. (G. Baughman, EPA, Southeast Environmental Research Lab., College Station Rd., Athens 30601)

8-11. European Sleep Research Soc., 2nd congr., Rome, Italy. (W. P. Koella, Ciba-Geigy AG, K 125/1109, 4002 Basel, Switzerland)

8-12. American Soc. for Experimental Pathology, Atlantic City, N.J. (G. B. Mider, ASEP, 9650 Rockville Pike, Bethesda, Md. 20014)

8-12. International Symp. on Wound Healing, Rotterdam, Netherlands. (Secretary, Holland Organizing Centre, 16 Lange Voorhout, The Hague, Netherlands)

8-12. American Orthopsychiatric Assoc.,

NOW... A wholly different concept for teaching with the microscope

It looks different. It is different. It's totally designed for science teaching. Academic StereoZoom Microscope by Bausch & Lomb lets science students relate to the specimen being studied without having to take a course in microscopy first.

This unique Bausch & Lomb microscope combines stereovision with an exclusive zoom magnification that makes for a natural relationship between the student and the specimen. Scanning the field at low magnification or zooming to a specific detail at higher magnification is as non-technical as watching a quarterback on TV. And list prices for this American-made instrument start at \$151.*

There is no longer an illumination problem. The turn of a knob allows selection of reflected light, transmitted light or a combination of the two, and it uses just one light bulb!

These new instruments are well built, with every safeguard to prevent damage to assure long, maintenance-free, lifetime use.

You have a need to know what's new. Write for the new catalog 31-2398 and our free demonstration offer, today.

*Fixed power model F-15.
Illustrated—Zoom model Z25L2,
suggested list, \$231.

BAUSCH & LOMB
Scientific Optical
Products Division
20802 Bausch Street, Rochester, N. Y. 14602



StereoZoom. Reg. T.M. Bausch & Lomb.

1974/TEN YEARS
SPRINGER-VERLAG
NEW YORK



Springer-Verlag
 New York
 Heidelberg
 Berlin

Uranium, Plutonium and the Transplutonic Elements

Edited by
H. C. Hodge
 University of California in
 San Francisco, California

J. N. Stannard
 University of Rochester, New York

J. B. Hursh
 University of Rochester, New York

Handbook of Experimental
 Pharmacology, Volume 36

1973. xxii, 995p. 243 illus.
 cloth \$153.40

This volume comprises a definitive treatment of the toxicology of uranium, plutonium, and the transplutonic elements.

Topics discussed include:
 physical and chemical properties
 experimental data on animals
 and man
 safe concentrations of the separate
 nuclides in air and in water
 industrial hygiene in refining and
 fabrication of these elements
 medical uses
 therapy after accidental introduction
 into the body

The book achieves a balance
 between treatment of the mechanisms
 of biological effects and the
 treatment of industrial hygiene
 practices in the prevention of
 worker injury.

Order from
Springer-Verlag
New York Inc.
 175 Fifth Avenue
 New York, NY 10010

San Francisco, Calif. (M. F. Langer, AOA, 1790 Broadway, New York 10019)

8-12. American Soc. for **Pharmacology and Experimental Therapeutics**, Atlantic City, N.J. (E. B. Cook, ASPET, 9650 Rockville Pike, Bethesda, Md. 20014)

9-11. **Thin Films**, 8th conf., Inst. of Physics, Sussex, England. (Meetings Officer, IP, 47 Belgrave Sq., London, SW1X 8QX, England)

9-13. **James Ewing Soc.**, Honolulu, Hawaii. (A. S. Ketcham, Clinical Center 10N116, Natl. Cancer Inst., Bethesda, Md. 20014)

9-14. Conference on **Industrial Problems in Source Sampling and Monitoring**, Engineering Foundation, Pacific Grove, Calif. (EF, 345 E. 47 St., New York 10017)

10-13. Tennessee **Medical Assoc.**, Gatlinburg. (J. E. Ballentine, TMA, 112 Louise Ave., Nashville 37203)

11-13. Southern Soc. for **Philosophy and Psychology**, Tampa, Fla. (M. Loeb, Psychology Dept., Univ. of Louisville, Louisville, Ky. 40208)

11-13. American Assoc. of **Physical Anthropologists**, Amherst, Mass. (G. J. Armelagos, Dept. of Anthropology, Univ. of Massachusetts, Amherst 01002)

12. Utah Acad. of **Sciences, Arts, and Letters**, Salt Lake City. (H. Buchanan, Dept. of Botany, Weber State College, Ogden, Utah 84403)

12-13. Colorado-Wyoming Acad. of **Science**, Laramie, Wyo. (J. T. Windell, Dept. of Biology, Univ. of Colorado, Boulder 80302)

14. Conference on **Structure and Cognition: The Mutual Relevance of Structural Anthropology and Cognitive Anthropology**, Geneseo, N.Y. (G. Erchak, Dept. of Anthropology, State University of New York College at Geneseo, Geneseo 14454)

15-17. Rocky Mountain **Bioengineering and the Intern. Biomedical Sciences Instrumentation**, 11th annual jointly, Instrument Soc. of America, Colorado Springs, Colo. (C. D. Ferris, Office of the Dean, Univ. of Wyoming, College of Engineering, Box 3295, Laramie 82070)

15-17. **Biomedical Symp.**, 2nd, Natl. Inst. of Health Minority Biomedical Support Program, New Orleans, La. (J. H. Corrington, Dept. of Chemistry, Xavier Univ., New Orleans 70125)

15-17. American Assoc. of **Planned Parenthood Physicians**, Memphis, Tenn. (G. Covington, AAPPP, 810 Seventh Ave., New York 10019)

15-17. Society of **Head and Neck Surgeons**, Honolulu, Hawaii. (W. A. Maddox, 944 S. 18 St., Birmingham, Ala. 35205)

15-18. **Pharmacology of Thermoregulation**, 2nd intern. symp., Paris, France. (P. Lomax, Dept. of Pharmacology, Univ. of California Medical School, Los Angeles 90024)

15-19. American **Education Research Assoc.**, Chicago, Ill. (R. A. Dersheimer, AERA, 1126 16th St., NW, Washington, D.C. 20036)

15-20. National Council of **Teachers of Mathematics**, Atlantic City, N.J. (J. D. Gates, NCTM, 1201 16th St., NW, Washington, D.C. 20036)

16-18. **Optical and Acoustical Micro-Electronics**, 23rd intern. symp., Inst. of Electrical and Electronics Engineers and Optical Soc. of America, New York, N.Y. (J. Fox, Polytechnic Inst. of Brooklyn, 333 Jay St., Brooklyn, N.Y. 11201)

16-18. **Technology of Controlled Nuclear Fusion Conf.**, American Nuclear Soc., San Diego, Calif. (G. R. Hopkins, Gulf General Atomic, P.O. Box 608, San Diego 92112)

16-19. International Conf. on **Electron Spectroscopy**, Namur, Belgium. (Conf. Office, Lab. de Spectroscopie Electronique, Facultes Univ., rue de Bruxelles, 61, B-500 Namur)

16-21. American College of **Allergists**, Paris, France. (E. Bauers, 2100 Dain Tower, Minneapolis, Minn. 55402)

17-18. American **Geriatrics Soc.**, Toronto, Ont., Canada. (E. Henderson, AGS, Room 1470, 10 Columbus Circle, New York 10019)

17-19. International **Livestock Environment Symp.**, American Soc. of Agricultural Engineers, Lincoln, Neb. (R. R. Castenson, ASAE, 2950 Niles Rd., St. Joseph, Mich. 49085)

17-19. **Negative Ions Conf.**, Inst. of Physics, Liverpool, England. (J. A. Rees, Dept. of Electrical Engineering and Electronics, Univ. of Liverpool, P.O. Box 147, Liverpool, L69 3BX)

17-19. Symposium on **Neuroendocrine Integration: Basic and Applied Aspects**, Ann Arbor, Mich. (L. Fisher, Towsley Center, Univ. of Michigan Medical Center, Ann Arbor 48104)

17-20. International **Communication Assoc.**, New Orleans, La. (M. Z. Sincoff, Center for Communication Studies, Ohio Univ., Athens 45201)

18-19. Pennsylvania Acad. of **Science**, Bloomsburg. (G. C. Shoffstall, Jr., 214 Whitmore Lab., Pennsylvania State Univ., University Park 16802)

18-20. American **Cleft Palate Assoc.**, Boston, Mass. (G. R. Smiley, School of Dentistry, Univ. of North Carolina, Chapel Hill 27514)

18-20. **Medical Assoc. of the State of Alabama**, Huntsville. (L. P. Patterson, 18 S. Jackson St., Montgomery, Ala. 36104)

18-20. Eastern **Psychological Assoc.**, Philadelphia, Pa. (M. Benimoff, Dept. of Psychology, Glassboro State College, Glassboro, N.J. 08028)

18-20. Association for the Advancement of **Medical Instrumentation**, 9th annual, New Orleans, La. (J. Skillin, Suite 417, AAMI, 1500 Wilson Blvd., Arlington, Va. 22209)

18-20. **Population Assoc. of America**, New York, N.Y. (J. W. Brackett, Box 14182, Benjamin Franklin Sta., Washington, D.C. 20044)

19. Kansas Acad. of **Science**, Pittsburg. (L. C. Anderson, Div. of Biology, Kansas State Univ., Manhattan 66506)

19-20. Nebraska Acad. of **Sciences**, Lincoln. (C. B. Schultz, 212 Morrill Hall, Univ. of Nebraska, Lincoln 68508)

19-21. Oklahoma Acad. of **Science**, Woodward. (J. F. Lovell, Dept. of Biological Sciences, Southwestern State College, Weatherford, Okla. 73096)