

Anthropology Applied to Health Programs

The problem of applying the results of anthropological research to improvements in the delivery of health services in developing nations was the topic of a lively symposium held on 29 and 30 June 1973 during the international meetings arranged by the AAAS and the Consejo Nacional de Ciencia y Tecnología (CONACYT). The symposium was a reflection of the increasingly close relationship among some physicians active in the teaching of medicine, anthropologists engaged in empirical studies of cultural and social dimensions of health care, and administrators of national health programs.

The symposium was comprised of four sessions, each of which was well attended by physicians, administrators of both of Mexico's major public health systems—the national social security administration (Instituto Mexicano de Seguro Social) and the ministry of health (Secretaría de Salubridad y Asistencia Pública)—medical students, and anthropologists. Each session was structured to ensure participation by both anthropologists and those who provide health care.

The first session (chaired by a physician, L. A. Vargas) was devoted to discussion of some of the ways in which studies by physical anthropologists are of utility to the physician. The first paper presented was "Use of infant growth patterns based on longitudinal studies of healthy children" by J. Faulhaber (Instituto Nacional de Antropología e Historia, Mexico City). R. Malina (University of Texas, Austin) presented a data paper "Growth and infantile status in Oaxaca"; C. Serrano (Instituto Nacional de Antropología e Historia) made suggestions with respect to the "Application of paleopathological studies to modern medicine"; and Vargas (Universidad Nacional Autónoma de México, Mexico City) reported on the "Application of somatotype studies to preventive medicine."

The second session (chaired by A. J. Rubel, an anthropologist) consisted of four papers which explored relationships between the values and logic of university-trained physicians and those of the people they serve. A physician (H. Fabrega, Jr., of Michigan State University, East Lansing) posed the question of whether the study of the sociocultural dimensions of healer-patient relationships was a

more proper subject for study by those in medicine or by social scientists in his paper "Medical anthropology: A medical or a social science?" Rubel (Michigan State University) and C. W. O'Neill (Notre Dame, South Bend, Indiana) reported some results of an epidemiological investigation of a folk illness known as "soul loss illness"—*susto*. Their paper, "The meaning of soul loss illness," compared the degree of social, psychiatric, and organic impairment of rural Mexicans diagnosed as suffering from soul loss illness with similar characteristics indicated by control groups from the same three villages whose illness complaints did not implicate a loss of soul. The data support the hypothesis that those suffering from *susto* are characterized by greater impairment of social role effectiveness, but not by greater psychiatric difficulties. Final conclusions await scoring of the data on organic illness. In a related paper, C. Penichet (California State University at Los Angeles) offered some reasons why folk healers continue to play so important a healing role in developing nations like Mexico in his paper "*Curanderismo*: An objective continental reality." Then, using data obtained from the Human Relations Area Files, S. Nerlove (Carnegie-Mellon University, Pittsburgh, Pennsylvania) proposed a method by which health planners might predict the relative rapidity with which mothers in horticultural groups will introduce their infants to foods intended to supplement breast-feeding in her paper "The role of women in the introduction of supplementary food."

The third session was chaired by a physician (R. Collado Ardón) and was devoted to discussion of some results of Collado Ardón's national survey of the attitudes and opinions which Mexican physicians hold with respect to the current delivery of health care in Mexico.

Among the matters the physicians considered was the way in which public and private medicine in Mexico should relate to folk healers; physicians' opinions were described by Collado Ardón and J. E. García Torres (Universidad Nacional Autónoma de México) in their paper "La actitud de los médicos en México respecto a los curanderos." Of the 2487 physicians interviewed by Collado Ardón and

García Torres, 43 percent were in "total opposition" to folk healers, although a surprising 33 percent were in favor of, or tolerant of, inclusion of these lay healers in some total system of health care delivery, especially in rural areas.

Those discussions prepared the way for the concluding session, chaired by anthropologist A. López Austin. There were no formal presentations in this session; it was devoted to consideration of how the methodology and results of anthropological research can and should be utilized to better advantage by the medical profession. Intense, concerned, and spirited audience discussion ranged the gamut from suggestions for the incorporation of some anthropological methods into the curricula of medical schools to the necessity for rural practitioners serving Indian patients to learn at least those dimensions of the indigenous culture which help determine patients' responses to disease symptoms.

The extent of audience participation and the interest with which questions were asked and answered indicated increased involvement on the part of Mexican physicians and administrators of health delivery systems in the kinds of information made available for their needs by anthropology. As part of the international colloquium, "Science and man in the Americas," this symposium helped ensure increasingly close ties between those who investigate the social and cultural dimensions of health problems and those who can put that information to best use.

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Forthcoming Events

September

9-10. Congress on **Occupational Health**, 34th annual, American Medical Assoc., Chicago, Ill. (H. F. Howe, AMA Dept. of Environmental, Public, and Occupational Health, 535 N. Dearborn St., Chicago 60610)

9-11. **Neurophysin Proteins: Carriers of Peptide Hormones** Conf., New York Acad. of Sciences, New York, N.Y. (R. Walter, Dept. of Physiology and Biophysics, Mount Sinai School of Medicine, New York)

9-11. **Pollution Engineering**, 3rd intern. congr., Chicago, Ill. (Clapp & Poliak, Inc., Exposition Management, 245 Park Ave., New York 10017)

9-11. **Transport Mechanisms in the**

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Nearshore Environment Conf., American Geophysical Union, Mystic, Conn. (D. F. Paskausky, Marine Sciences Inst., Univ. of Connecticut, Groton 06340)

9-13. **Medicinal Chemistry**, 4th intern. symp., Medicinal Chemistry Section, Intern. Union of Pure and Applied Chemistry, Noordwijkerhout, Netherlands. (Secretary, Merck Sharp & Dohme BV., Professional and Government Liaison, Waarderweg 39, P.O. Box 581, Haarlem, Netherlands)

9-13. **Nuclear Structure and Spectroscopy Conf.**, Intern. Union of Pure and Applied Physics, Amsterdam, Netherlands. (H. P. Blok, Natuurkundig Lab. der Vrije Univ. de Boelelaan 1081, Amsterdam)

9-14. **Ampere on Magnetic Resonance and Related Phenomena**, 18th congr., Intern. Union of Pure and Applied Physics, Nottingham, England. (E. R. Andrew, Dept. of Physics, Univ. of Nottingham, University Park, Nottingham, NG7 2RD)

10-12. **Earth Environment and Resources Conf.**, U.S. Environment and Resources Council, Inst. of Electrical and Electronics Engineers, and Univ. of Pennsylvania, Philadelphia. (E. P. Mercanti, 12415 Shelter Lane, Bowie, Md. 20715)

10-12. **Institute of Electrical and Electronics Engineers and Computer Soc.**, 9th intern. annual conf., Washington, D.C. (T. N. Pyke, Jr., Inst. for Computer Science and Technology, Natl. Bureau of Standards, Washington, D.C. 20234)

11-13. **Society for Management Information Systems**, 6th annual conf., San Francisco, Calif. (Executive-Secretary, SMIS, 221 N. La Salle St., Chicago, Ill. 60601)

11-14. **American Ceramic Soc.**, Structural Clay Products Div., Lexington, Ky. (F. P. Reid, ACS, 65 Ceramic Dr., Columbus, Ohio 43214)

12-14. **American Assoc. for Automotive Medicine**, Toronto, Ont., Canada. (A. Carriere, 801 Green Bay Rd., Lake Bluff, Ill. 60044)

13-14. **Conference on Conduction Electron Scattering in Metals**, Low Temperature Group, Inst. of Physics, Norwich, England. (Meetings Officer, IP, 47 Belgrave Sq., London, SW1 8QX, England)

15-19. **Power Generation Conf.**, American Soc. of Civil Engineers, American Soc. of Mechanical Engineers, and Power Engineering Soc. of the Inst. of Electrical and Electronics Engineers, Miami Beach, Fla. (J. J. Heagerty, Technical Conf. Services Office, IEEE, 345 E. 47 St., New York 10017)

15-20. **International Symp. on Macromolecules**, Intern. Union of Pure and Applied Chemistry, Madrid, Spain. (J. G. Fatou, Inst. de Plasticos y Caucho, Juan de la Cierva 3, Madrid-6)

16-18. **International Symp. on Chemical Kinetics Data for the Lower and Upper Atmosphere**, Task Group on Data for Chemical Kinetics, Committee on Data for Science and Technology, and Intern. Council of Scientific Unions, Warrenton, Va. (D. Garvin, Chemistry-B152, Natl. Bureau of Standards, Washington, D.C. 20234)

16-19. **International Power Sources Symp.**, 9th, Brighton, Sussex, England. (D. H. Collins, P.O. Box 17, Leatherhead, Surrey, KT22 9QB, England)

16-21. **Magnetic Resonance in Biological**

Systems, 6th intern. conf., Kandersteg, Switzerland. (K. Wüthrich, Inst. für Molekularbiologie und Biophysik, ETH-Hönggerberg, CH-8049 Zürich, Switzerland)

16-21. **International Acad. of Pathology**, 10th congr., Hamburg, Germany. (P. Gedigk, Pathologisches Inst. der Universität Bonn, Potsfach D-53, Bonn, FDR)

17-18. **Air Pollution Control Assoc.**, 5th annual, Birmingham, Ala. (D. Meffert, Rust Engineering Co., P.O. Box 101, Birmingham 35202)

18-20. **American Ceramic Soc.**, Electronics Div., Denver, Colo. (F. P. Reid, ACS, 65 Ceramic Dr., Columbus, Ohio 43214)

22-26. **Asian-Australian Congr. of Anesthesiologists**, 4th, Singapore, Malaysia. (G. Tay, 16 Sunset Terrace, Singapore-21)

22-26. **Society of American Foresters**, New York, N.Y. (H. R. Glascock, Jr., SAF, 1010 16th St., NW, Washington, D.C. 20036)

22-26. **Marine Technology Soc.**, Washington, D.C. (R. W. Niblock, MTS, Suite 412, 1730 M St., NW, Washington, D.C. 20036)

22-27. **International Soc. for Electrochemistry**, 25th mtg., Brighton, England. (M. Fleischmann, Dept. of Chemistry, The University, Southampton SO9 5NH, England)

22-27. **Packaging and Transportation of Radioactive Materials**, 4th intern. symp., Nuclear Div., Union Carbide Corp., and U.S. Atomic Energy Commission, Miami Beach, Fla. (H. I. Cobert, Nuclear Div., Union Carbide Corp., P.O. Box Y, Oak Ridge, Tenn. 37830)

23-26. **European Geophysical Soc.**, 2nd, Trieste, Italy. (A. Marussi, Istituto di Geodesia e Geofisica, Università Degli Studi, Trieste)

23-27. **International Congr. of Infectious and Parasitic Diseases**, Warsaw, Poland. (J. Januszkiewicz, 01-201 Warszawa, Wolska 37, Poland)

23-27. **Congress of Neurological Surgeons**, Vancouver, B.C. Canada. (R. G. Ojemann, Massachusetts General Hospital, Boston 02114)

23-27. **World Energy Conf.**, 50th anniversary mtg., U.S. National Committee, Detroit, Mich. (D. E. Hart, Engineers Joint Council, 345 E. 47 St., New York 10017)

25-27. **North American Conf. on Motor Vehicle Emission Control**, 3rd, Texas Air Control Board, San Antonio. (H. E. Sievers, TACB, 8520 Shoalcreek Blvd., Austin, Tex. 78758)

25-28. **American Ceramic Soc.**, Materials and Equipment and Whitewares Divs., Bedford, Pa. (F. P. Reid, ACS, 65 Ceramic Dr., Columbus, Ohio 43214)

29-2. **American Ceramic Soc.**, Basic Science and Nuclear Divs., Williamsburg, Va. (F. P. Reid, ACS, 65 Ceramic Dr., Columbus, Ohio 43214)

29-2. **American Oil Chemists' Soc.**, Philadelphia, Pa. (J. C. Lyon, AOCS, 508 S. Sixth St., Champaign, Ill. 61820)

30-2. **Biology of Aging**, Valley Forge, Pa. (R. C. Adelman, Fels Research Inst., 3420 N. Broad St., Philadelphia, Pa. 19140)

30-2. **Society for Industrial and Applied Mathematics**, Montreal, P.Q., Canada. (J. K. Cullum, IBM-T. J. Watson Research Center, P.O. Box 218, Yorktown Heights, N.Y. 10598)

30-2. **Radiation and the Lymphatic System**, 14th Hanford Biology Symp., U.S. Atomic Energy Commission and Battelle Memorial Inst., Richland, Wash. (J. A. Harrison, Biology Dept., Battelle, Pacific Northwest Labs., Richland 99352)

30-3. **International Symp. on Information Systems: Connection and Compatibility**, Intern. Atomic Energy Agency, Varna, Bulgaria. (G. Seiler, Div. of External Relations, IAEA, P.O. Box 590, Karntner Ring 11, A-1011 Vienna, Austria)

30-4. **American Meteorological Soc.**, Atlanta, Ga. (AMS, 46 Beacon St., Boston, Mass. 02108)

30-5. **International Astronautical Congr.**, 25th, Intern. Astronautical Federation, Amsterdam, Netherlands. (IAF, 250 Rue Saint-Jacques, 75005 Paris, France)

October

1-3. **American Nuclear Soc.**, Los Alamos, N.M. (D. R. Smith, LASL, P.O. Box 1663, Los Alamos 87544)

2-5. **American Medical Writers' Assoc.**, Los Angeles, Calif. (L. Sablack, AMWA, 9650 Rockville Pike, Bethesda, Md. 20014)

3-5. **Southeastern Cancer Research Assoc.**, Atlanta, Ga. (W. E. Criss, Dept. of Obstetrics-Gynecology, Univ. of Florida Medical School, Gainesville 32601)

3-5. **American Ceramic Soc.**, Refractories Div., Bedford, Pa. (F. P. Reid, ACS, 65 Ceramic Dr., Columbus, Ohio 43214)

3-5. **Central Assoc. of Obstetricians and Gynecologists**, New Orleans, La. (M. Lurie, 6650 Northwest Hwy., Chicago, Ill. 60631)

3-9. **Pediatrics**, 14th intern. congr., Buenos Aires, Argentina. (C. Gianantonio, ICP, Casilla de Correo 3177, Buenos Aires)

4-5. **American Soc. of Ophthalmologic and Otolaryngologic Allergy**, Dallas Texas (H. M. Mann, 1600 University Ave., Grand Forks, N.D. 58201)

4-11. **American Soc. of Clinical Pathologists**, Washington, D.C. (M. Damron, Manager of Convention Services, 2100 W. Harrison St., Chicago, Ill. 60612)

6-8. **Latin American Soc. of Hepatology**, 14th congr., Caracas, Venezuela. (P. J. Grases, Apdo Postal 50794, Caracas)

6-10. **American Acad. of Ophthalmology and Otolaryngology**, Dallas, Tex. (C. M. Kos, 15 Second St., SW, Rochester, Minn. 55901)

6-10. **Sigma Xi**, Fontana, Wis. (T. T. Holme, 345 Whitney Ave., New Haven, Conn. 06510)

6-10. **American Institute of Ultrasound in Medicine**, 19th annual, Seattle, Wash. (AIUM, 333 W. Kinnear Place, Seattle 98119)

6-10. **Water Pollution Control Federation**, Denver, Colo. (WPCF, 3900 Wisconsin Ave., NW, Washington, D.C. 20016)

6-11. **International Soc. of Planetarium Educators**, Atlanta, Ga. (R. C. Tate, Harper Planetarium, 3300 Collier Dr., NW, Atlanta 30331)

7-9. **Dermatopathology Symp.**, New York Univ. School of Medicine, New York. (Office of the Recorder, New York Univ. Post-Graduate Medical Sch., 550 First Ave., New York 10016)

7-9. **Electronics and Aerospace Systems Conf.**, Aerospace and Electronics Systems, Inst. of Electrical and Electronics Engineers, and the Washington Section of the IEEE, Washington, D.C. (L. R. Kitty, Suite 700, 1629 K St., NW, Washington, D.C. 20006)

7-9. **International Conf. on Geothermal Energy for Industrial, Agricultural and Commercial-Residential Uses**, Oregon Inst. of Technology, Klamath Falls. (W. Williams, Geothermal Conf., P.O. Box 1901, Klamath Falls 97601)

7-9. **Canadian Spectroscopy Symp.**, 21st., Spectroscopy Soc. of Canada, Ottawa, Ont. (J. L. Dalton, Dept. of Energy, Mines and Resources, Mines Branch, 555 Booth St., Ottawa K1A 0G1)

7-10. **Clay Minerals Soc.**, 23rd mtg., Cleveland, Ohio. (J. Hower, Dept. of Geology, Case Western Reserve Univ., Cleveland 44106)

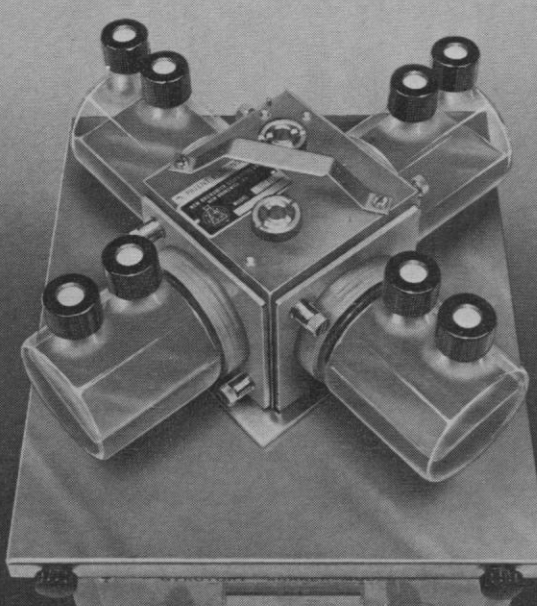
7-11. **Accuracy in Trace Analysis: Sampling, Sample Handling, and Analysis**, 7th symp., Inst. for Materials Research, Natl. Bureau of Standards, Gaithersburg, Md. (P. D. LaFleur, B108 Reactor Bldg., NBS, Washington, D.C. 20234)

7-11. **Materials Research Symp.**, 7th, Natl. Bureau of Standards, Gaithersburg, Md. (P. D. LaFleur, B108 Reactor Bldg., NBS, Washington, D.C. 20234)

7-11. **American Dietetic Assoc.**, Philadelphia, Pa. (R. M. Crum, ADA, 620 N. Michigan Ave., Chicago, Ill. 60611)

7-11. **International Working Conf. on Stored-Product Entomology**, Savannah, Ga. (Organizers, Working Conf. on Stored-Product Entomology, c/o Stored-Product Inst. Research and Development Lab., U.S. Dept. of Agriculture, P.O. Box 5125, Savannah 31403)

8-11. **American Vacuum Soc.**, 21st conf.,




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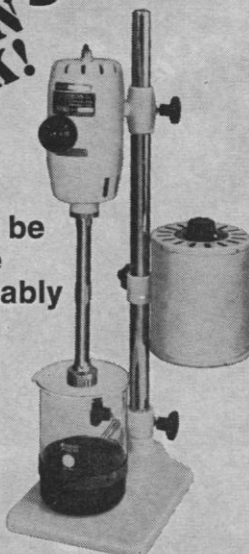
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Anaheim, Calif. (J. H. Singleton, Westinghouse Research Labs., Churchill Boro Beulah Rd., Pittsburgh, Pa. 15235)

8-13. Society for **Clinical and Experimental Hypnosis**, Montreal, P.Q., Canada. (M. Kenn, SCEH, Suite 1P, 205 West End Ave., New York 10023)

9-10. Conference on **Display Devices and Systems**, Electron Devices Group of the Inst. of Electrical and Electronics Engineers, Soc. for Information Display, and Advisory Group on Electron Devices, New York, N.Y. (T. Henion, Palisades Inst., 201 Varick St., New York 10014)

9-11. American **Ceramic Soc.**, Glass Div., Bedford, Pa. (F. P. Reid, ACS, 65 Ceramic Dr., Columbus, Ohio 43214)

9-11. International Symp. on **Electronic Structure of the Actinides**, Argonne National Lab., Argonne, Ill. (F. Y. Fradin, Materials Science Div., Argonne Natl. Lab., Argonne 60439)

9-11. International Congr. on **Obesity**, London, England. (K. Sollyl, 22 Montagu St., London W1H 2BR)

9-11. American Assoc. of **Textile Chemists and Colorists**, New Orleans, La. (W. R. Martin, Jr., P.O. Box 12215, Research Triangle Park, N.C. 27709)

10-11. **Geodesy/Solid-Earth and Ocean Physics Research**, 8th conf., American Geophysical Union, Defense Mapping Agency, Natl. Aeronautics and Space Administration, Natl. Oceanic and Atmospheric Administration, Ohio State Univ., U.S. Geological Survey, Columbus, Ohio. (AGU, 1707 L St., NW, Washington, D.C. 20036)

10-11. Midwest **Quality Control Conf.**, 29th, Automotive, Electronics, Inspection, and Aircraft and Missile Divs. of the American Soc. for Quality Control, Indianapolis, Ind. (D. L. Cheak, Code 410, Naval Avionics Facility, 21st and Arlington Ave., Indianapolis 46218)

10-12. Southern Soc. of **Anatomists**, Morgantown, W.Va. (D. S. Jones, West Virginia Univ. Medical Center, Morgantown 26506)

10-12. Western **Industrial Medical Assoc.**, Los Angeles, Calif. (H. J. Martin, WIMA, 354 21st St., Oakland, Calif. 94612)

10-13. International **Spore Conf.**, 6th, American Soc. for Microbiology, East Lansing, Mich. (R. N. Costilow, Kellogg Center for Continuing Education, Michigan State Univ., East Lansing 48824)

11-14. National Assoc. of **Biology Teachers**, New York, N.Y. (J. P. Lightner, NABT, 1420 N St., NW, Washington, D.C. 20005)

12. **Paleontological Research Institution**, Ithaca, N.Y. (K. V. W. Palmer, PRI, 1259 Trumansburg Rd., Ithaca 14850)

12-16. American Soc. of **Anesthesiologists**, Washington, D.C. (J. W. Andes, 515 Busse Hwy., Park Ridge, Ill. 60068)

12-16. American Soc. of **Oral Surgeons**, 56th annual, Las Vegas, Nev. (ASOS Committee on Scientific Sessions, Suite 930, 211 E. Chicago Ave., Chicago, Ill. 60611)

13-17. **Corrosion Problems in Energy Conversion and Generation Symp.**, Electrochemical Soc., New York, N.Y. (C. S. Tedmon, Jr., Room 3A48, Bldg. K-1, Research and Development Center, General Electric Co., P.O. Box 8, Schenectady, N.Y. 12301)

13-17. **Electrochemical Soc.**, 146th annual, New York, N.Y. (V. H. Brannaky, P.O. Box 2071, Princeton, N.J. 08540)

13-17. American Soc. for **Information Science**, Atlanta, Ga. (J. I. Smith, ASIS, 1155 16th St., NW, Washington, D.C. 20036)

13-18. Pacific **Dermatologic Assoc.**, Las Vegas, Nev. (F. Beardsley, 180 Mark Twain Ave., Reno, Nev. 89502)

13-19. World Congr. of **Gastroenterology**, 5th, Mexico, D.F., Mexico. (WCG, Av. Veracruz 93, Mexico 11, D.F.)

14-17. American **Chemical Soc.**, 106th Rubber Div. mtg., Philadelphia, Pa. (H. W. Day, DuPont Co., 140 Federal St., Boston, Mass. 02110)

14-17. American Acad. of **Family Physicians**, Los Angeles, Calif. (R. Tusken, 1740 W. 92 St., Kansas City, Mo. 64114)

14-17. Association of American **Medical Colleges**, 85th annual, Chicago, Ill. (AAMC, Suite 200, 1 Dupont Circle, NW, Washington, D.C. 10036)

14-17. Association of **Official Analytical Chemists**, 88th annual, Washington, D.C. (L. G. Ensminger, AOAC, Box 540, Benjamin Franklin Sta., Washington, D.C. 20044)

14-18. American **Ornithologists' Union**, Norman, Okla. (G. E. Watson, Div. of Birds, Museum of Natural History, Smithsonian Inst., Washington, D.C. 20560)

14-18. Conference on the **Precipitation Scavenging of Atmospheric Aerosols and Gases**, U.S. Atomic Energy Commission, Champaign, Ill. (R. C. Semonin, Atmospheric Sciences Section, Illinois State Water Survey, Box 232, Urbana 61801)

14-19. Association of **Engineering Geologists**, Denver, Colo. (W. P. Rogers, AEG, Box 15124, Denver 80215)

14-19. **Psychology Soc.**, Paris, France. (P. C. Haber, 100 Beekman St., New York 10038)

15. Oak Ridge **Associated Universities**, Oak Ridge, Tenn. (W. G. Pollard, ORAU, P.O. Box 117, Oak Ridge 37830)

15-17. Conference on the **Atmosphere of Venus**, Goddard Inst. for Space Studies, New York, N.Y. (J. E. Hansen, 2880 Broadway, New York 10025)

15-17. **Biological Safety Conf.**, 17th, Research Triangle Park, N.C. (L. A. Taylor, Becton, Dickinson and Co. Research Center, P.O. Box 12016, Research Triangle Park 27709)

15-17. **Human Factors Soc.**, Huntsville, Ala. (M. G. Knowles, HFS, P.O. Box 1369, Santa Monica, Calif. 90406)

15-18. American **Chemical Soc.**, 10th western regional mtg., San Francisco, Calif. (P. C. Condit, Patent Dept., Chevron Research Co., 576 Standard Ave., Richmond, Calif. 94802)

15-18. Society for **Experimental Stress Analysis**, New Haven, Conn. (B. E. Rossi, SESA, 21 Bridge Sq., Westport, Conn. 06880)

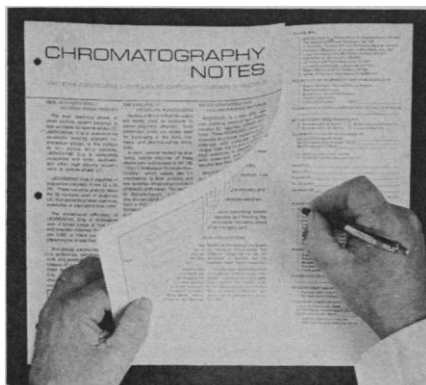
15-18. **Optical Soc. of America**, Houston, Tex. (J. W. Quinn, OSA, 2100 Pennsylvania Ave., NW, Washington, D.C. 20037)

15-19. American Assoc. of **Stratigraphic Palynologists**, 7th annual mtg., Calgary, Alberta, Canada. (L. V. Hills, Dept. of Geology, Univ. of Calgary, Calgary, T2N 0Z7)

16-18. **Biological Resources of the**

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16-18. **American Cancer Soc.**, New York, N.Y. (L. W. Adams, 219 E. 42 St., New York 10017)

16-18. **National Council of International Health**, Reston, Va. (J. S. Cowen, P.O. Box 4909, Chicago, Ill. 60680)

16-18. **Operations Research Soc. of America**, jointly with the Inst. of **Management Sciences**, San Juan, Puerto Rico. (A. Riesco, P.O. Box 2342, Mayaguez, P.R. 00708)

16-19. **American Soc. of Human Genetics**, Portland, Ore. (W. E. Nance, Dept. of Medical Genetics, Indiana Univ. Medical Center, Indianapolis 46202)

16-20. **Irish Otolaryngological Soc.**, Cork. (G. D. L. Symth, Eye and Ear Clinic, Falls Rd., Belfast 4, U.K.)

17-18. **European Soc. on Pediatric Hematology and Immunology** and **European Soc. of Pediatric Oncology**, Genoa, Italy. (W. H. Hitzig, Kinderspital, 8032 Zurich, Switzerland)

17-19. **Central Neuropsychiatric Assoc.**, Ann Arbor, Mich. (D. W. Sprague, 1417 Marlowe Ave., Lakewood, Ohio 44107)

17-19. **American Assoc. for the Surgery of Trauma**, Hot Springs, Va. (J. A. Boswick, Jr., Univ. of Colorado Medical Center, 4200 E. Ninth Ave., Denver, Colo. 80220)

17-19. **National Council of Teachers of Mathematics**, Southeastern section, Memphis, Tenn. (NCTM, 1906 Association Dr., Reston, Va. 22091)

18-20. **National Council of Teachers of Mathematics**, North central section, Minneapolis, Minn. (NCTM, 1906 Association Dr., Reston, Va. 22091)

19. **New Mexico Acad. of Science**, Las Vegas. (L. M. Shields, Environmental Health Div., New Mexico Highlands Univ., Las Vegas 87701)

19-22. **American Coke and Coal Chemicals Inst.**, White Sulphur Springs, W.Va. (L. C. Ferguson, ACCCI, 1010 16th St., NW, Washington, D.C. 20036)

19-24. **American Acad. of Pediatrics**, San Francisco, Calif. (R. G. Frazier, 1801 Hinman Ave., Evanston, Ill. 60204)

20-23. **Society for Neuroscience**, 4th annual mtg., St. Louis, Mo. (SN, Room 200A, Lee Bldg., 9650 Rockville Pike, Bethesda, Md. 20014)

20-24. **American Assoc. of Cereal Chemists**, Montreal, P.Q., Canada. (R. J. Tarleton, AACC, 3340 Pilot Knob Rd., St. Paul, Minn. 55121)

20-24. **American Public Health Assoc.**, 102nd annual mtg., New Orleans, La. (J. R. Kimmey, APHA, 1015 18th St., NW, Washington, D.C. 20036)

20-26. **International Cancer Congr.**, 11th, Intern. Union against Cancer, Florence, Italy. (P. A. Gardner, IUAC, Div. of Medical Sciences, Natl. Research Council, 2101 Constitution Ave., NW, Washington, D.C. 20418)

20-26. **Physiological Sciences**, 26th intern. congr., Intern. Union of Physiological Sciences, New Delhi, India. (S. K. Manchanda, Dept. of Physiology, All India Inst. of Medical Sciences, Ansari Nagar, New Delhi-16)

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