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## In this Issue

Where does a student seeking a career in the fats and oils industry get the education he or she needs? Can industry recruit the employees it needs from college and university campuses? This issue contains the results of a survey of U.S. and other institutions offering training in fats and oils technology, lipid chemistry and lipid biochemistry. JAOCS Assistant News Editor Kathy McDowell also talked with some active AOCS members from academia and industry seeking answers to the second question. As might be expected, some industry and academic sources said the best education is one that provides a strong general background in which the young graduate learns about fats and oils chemistry after he or she is hired; others in industry and academia say more specific fats and oils training is needed.

If you have a strong opinion, write us a letter.

## Calendar

### WORLD CONFERENCE

Nov. 9-14, 1980 – World Conference on Soya Processing and Utilization, Acapulco Convention Center, Acapulco, Mexico.

### AOCS NATIONAL MEETINGS

Annual Meeting, 1981: May 17-21, Fairmont Hotel, New Orleans, LA.  
Annual Meeting, 1982; May 2-6, Sheraton Centre, Toronto, Ontario, Canada.  
Annual Meeting, 1983: May 18-12, Chicago Marriott, Chicago, IL.

### AOCS NORTHEAST SECTION MEETINGS

June 3, 1980 – Ladies' night, "Label Interpretation," Robin Hood Inn, Clifton, NJ.

### AOCS NORTH CENTRAL SECTION MEETINGS

May 21, 1980 – Ladies' Night, Contact Neil Widlack, Kraft, Inc., 801 Waukegan Rd., Glenview, IL 60025 (tele: 312-998-2120).

### AOCS SOUTHWEST SECTION MEETINGS

Guest Night, May 14, 1980. Details from Brian Flynn, Pilot Chemical Co., 11756 Burke St., Sante Fe Springs, CA 90670 (tele: 213-723-0036).

### 1980

#### May

Society of Cosmetic Chemists Annual Seminar, May 15-16, 1980, Hyatt Regency, San Francisco, CA. Contact: Susan W. Cole, SCC, Suite 1701, 1995 Broadway, New York, NY 10023.

"Colloids and Surfaces," short course sponsored by Carnegie-Mellon University, May 19-23, 1980, Carnegie-Mellon University in Pittsburgh, PA. Contact: Carolyn B. Simon, Carnegie-Mellon University, Post College Professional Education, 405 MMCH, Pittsburgh, PA 15213.

Society of Cosmetic Chemists Annual General Meeting, May 22, 1980, Trafalgar Suite, Charing Cross Hotel, Strand, London WC2. Contact: M. Callingham, 56 Kingsway, London WC2B 6DX, England.

22nd International Conference on the Biochemistry of Lipids, May 26-28, 1980, Milan, Italy. Contact: Brita Rolander-Chilo, General Secretary, Centro Studi dell'Alimentazione, Nutrition Foundation of Italy, Via S. Pietro all'Orto 17, 20121 Milan, Italy.

7th International Symposium on "Drugs Affecting Lipid Metabolism," sponsored by Fondazione Giovanni Lorenzini, May 28-31, 1980, Milan, Italy. Contact: Fondazione Giovanni Lorenzini, Via Monte Napoleone, 23-20121, Milano, Italy.

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## Calendar

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### June

- Polymer Blends and Composites, short course sponsored by Lehigh University, June 1-6, 1980, Lehigh University in Bethlehem, PA. Contact: Jone Svirzofsky, Coxe Laboratory 32, Lehigh University, Bethlehem, PA 18015.
- 7th Ocean Energy Conference, sponsored by the Ocean Systems Branch, US Department of Energy, June 2-5, 1980, Shoreham Americana Hotel, Washington, DC. Contact: Gibbs & Cox, Inc., 2341 Jefferson Davis Highway, Suite 1020, Centure Bldg., Arlington, VA 22202.
- "Principles of Color Technology,"** June 2-6 and June 9-13, 1980, sponsored by Rensselaer Color Measurement Laboratory, Rensselaer Polytechnic Institute, Troy, NY. Contact: Office of Continuing Studies, Rensselaer Polytechnic Institute, Troy, NY 12181.
- Pasta and Durum Wheat Quality, June 3-6, 1980, sponsored by the American Association of Cereal Chemists, North Dakota State University, Fargo, ND. Contact: Raymond J. Tarleton, American Association of Cereal Chemists, 3340 Pilot Knob Rd., St. Paul, MN 55121.
- 1980 Industrial Pollution Conference, June 4-6, 1980, sponsored by the Water and Wastewater Equipment Manufacturers Association (WWEMA), Houston, TX. Contact: Leslie Tierstein, ICON/Information Concepts, Inc., 211 S. 45th St., Philadelphia, PA 19104.
- Institute of Food Technologists Annual Meeting and "Food Expo," June 8-11, 1980, New Orleans, LA. Contact: Dan E. Weber, Director of Marketing/Administration, Institute of Food Technologists, 221 N. LaSalle St., Chicago, IL 60601. (tele: 312-782-8424).
- Society of Cosmetic Chemists—COSA Annual Educational Conference,** June 8-11, 1980, cosponsored by SCC and Arnold & Marie Schwartz College of Pharmacy & Health Sciences of Long Island University, Henry Chauncey Conference Center, Princeton, NJ. Contact: Society of Cosmetic Chemists, 1995 Broadway, Suite 1701, New York, NY 10023.
- International Exhibition for the Pharmaceutical, Cosmetics, Toiletry, Perfumery and Allied Industries, June 10-13, Metropole Exhibition Centre, Brighton, England. Contact: British Information Services, 845 Third Ave., New York, NY 10022.

Bold face indicates new listing.

Ninth International Sunflower Conference, June 8-13, 1980, Torremolinos, Malaga, Spain, sponsored by the International Sunflower Association. Contact: IRMA ESCO-BAR, SIASA-Congresos, Manuel del Palacio s/n; Edif. Costabella 3-; Malaga, Spain.

Chemical Marketing & Economics (New York Section) meeting, June 12, 1980, Boss Restaurant, 42nd St. & Lexington Ave., New York City. Contact: Joe Flicek, W.R. Grace & Co., 1114 Avenue of the Americas, New York, NY 10036.

**"Color Technology for Management,"** June 16-17, 1980, sponsored by Rensselaer Color Measurement Laboratory, Rensselaer Polytechnic Institute, Troy, NY. Contact: Office of Continuing Studies, Rensselaer Polytechnic Institute, Troy, NY 12181.

**"Lipid Metabolism,"** sponsored by Gordon Research Conferences, June 16-20, 1980, Kimball Union Academy, Meriden, NH. Contact: Alexander M. Cruickshank, Director, Gordon Research Conferences, Pastore Chemical Laboratory, University of Rhode Island, Kingston, RI 02881.

11th International Congress of the International Society of Psychoneuroendocrinology, June 16-20, 1980, sponsored by Fondazione Giovanni Lorenzini, Florence, Italy. Contact: Fondazione Giovanni Lorenzini, Via Monte Napoleone, 23-20121, Milano, Italy (cable: Lorenzfound).

**Fifth Annual Colloquium on Research and Development and Public Policy,** June 19-20, 1980, sponsored by the American Association for the Advancement of Science (AAAS), Shoreham American Hotel, Washington, DC. Contact: AAAS Office of Public Sector Programs, 1776 Massachusetts Ave., NW, Washington, DC 20036.

Air Pollution Control Association (APCA) 73rd Annual Meeting & Exhibition, "Pollution/Economics/People," June 22-27, 1980, Place Bonaventure, Montreal, Quebec, Canada. Contact: Public Relations Department, Air Pollution Control Association, PO Box 2861, Pittsburgh, PA 15230.

**"Advances in Color Technology,"** June 23-27, 1980, sponsored by Rensselaer Color Measurement Laboratory, Rensselaer Polytechnic Institute, Troy, NY. Contact: Office of Continuing Studies, Rensselaer Polytechnic Institute, Troy, NY 12181.

Interpenetrating Polymer Networks, short course sponsored by Lehigh University, June 25-27, 1980, Lehigh University, Bethlehem, PA. Contact: Jone Svirzofsky, Coxe

Laboratory 32, Lehigh University, Bethlehem, PA 18015.

### July

Second International Congress on Toxicology, July 7-11, 1980, Brussels, Belgium. Contact: SdR Associated, 16 Avenue des Abeilles, 1050 Brussels, Belgium (tele: 02647-87-80).

**"Soyfoods Showcase: Producing & Marketing Soybean Foods,"** Third Annual Soycrafters Association Conference, July 9-13, 1980, sponsored by Soycrafters Association of North America, in conjunction with the USDA Northern Regional Research Center and the International Soybean Program (INTSOY), University of Illinois, Urbana, IL. Contact: Soyfoods Showcase Director, Soycrafters Association of N.A., Heath Road, Colrain, MA 01340.

Workshop on TRS-80 Radio Shack Computer Interfacing and Application for Scientific Instrumentation, July 14-16, 1980, sponsored by Virginia Polytechnic Institute and State University, Virginia Tech Facility at Dulles Airport, Washington, DC. Contact: Dr. Linda Leffel, CEC, Virginia Tech, Blacksburg, VA 24061.

Joint Meeting of the American Association for Clinical Chemistry and Canadian Society of Clinical Chemists, July 20-25, 1980, Hynes Auditorium and Sheraton-Boston, Boston, MA. Contact: Michael Tuttle, Meeting Coordinator, AACC, 1725 K St., NW, Washington, DC 20006.

**"Food & Nutrition,"** sponsored by Gordon Research Conferences, July 28-Aug. 1, Colby-Sawyer College, New London, NH. Contact: Alexander M. Cruickshank, Director, Gordon Research Conferences, Pastore Chemical Laboratory, University of Rhode Island, Kingston, RI 02881.

### August

National Soybean Processors Association Annual Meeting, Aug. 10-12, 1980, The Lodge at Pebble Beach, Pebble Beach, CA. Contact: Barbara Harrelson, Special Projects Director, National Soybean Processors Association, 1800 M Street, NW, Washington, DC 20036. (tele: 202-452-8040).

22nd Annual Rocky Mountain Conference, Spectroscopy/Chromatography, Aug. 11-14, 1980, sponsored by Rocky Mountain Society of Applied Spectroscopy and Rocky Mountain Chromatography Discussion Group, Denver Convention Complex, Denver, CO. Contact: Keith J. Grossaint, Publicity Chair-

## Calendar

man, Rocky Flats Plant, Energy Systems Group, PO Box 464, Golden, CO 80401.

"Introductory Short Course on Composition of Paints," sponsored by the University of Missouri-Rolla, Aug. 18-22, 1980, University of Missouri-Rolla. Contact: Norma Fleming, Arts & Sciences Continuing Education, 102 Chemistry, University of Missouri-Rolla, Rolla, MO 65401.

Second Chemical Congress of the North American Continent, exposition and meeting of the American Chemical Society, August 24-29, 1980, San Francisco, California.

"Basic Quality Control Short Course," coatings short course sponsored by the University of Missouri-Rolla, Aug. 25-29, 1980, University of Missouri-Rolla. Contact: Norma Fleming, Arts & Sciences Continuing Education, 102 Chemistry, University of Missouri-Rolla, Rolla, MO 65401.

International Symposium on Food Technology in Developing Countries, sponsored by the Department of Food Science & Technology, Universiti Pertanian Malaysia, Aug. 26-28, Kuala Lumpur, Malaysia. Contact: The Organizing Secretary, International Symposium on Food Technology in Developing Countries, Department of Food Science & Technology, University of Agriculture, Malaysia (Universiti Pertanian Malaysia), Serdang, Selangor, Malaysia.

"Advances in Color Technology," joint symposium sponsored by the American Chemical Society Industrial & Engineering Chemistry Division and the Inter-Society Color Council, Aug. 27, 1980, San Francisco, CA. Contact: Lawrence R. Lerner, Harmon Colors Corporation, Box 419, Hawthorne, NJ 07507.

### September

"Introduction to Paint Formulation," sponsored by the University of Missouri-Rolla, Sept. 8-12, 1980, University of Missouri-Rolla. Contact: Norma Fleming, Arts & Sciences Continuing Education, 102 Chemistry, University of Missouri-Rolla, Rolla, MO 65401.

**General Assembly of European Conference of Fatty Acid Producing Companies (APAG), Sept. 11, 1980, Tre Falke Hotel & Conference Center, Copenhagen, Denmark. Information: Jocelyn Reynolds, APAG, 250 Avenue Louise, Bte. 111, 1050-Brussels, Belgium.**

Bold face indicates new listing.

"Advanced Chemical Coatings Workshop," sponsored by the University of Missouri-Rolla, Sept. 15-19, 1980, University of Missouri-Rolla. Contact: Norma Fleming, see preceding entry.

**Decorating Plastics RETEC, Fourth Annual Regional Technical Conference, Sept. 18-19, 1980, sponsored by Society of Plastic Engineers, Decorating Division, Sheraton Centre Hotel, Toronto, Ontario, Canada. Contact: Stephen R. Kennedy, Binks Manufacturing Co., 9201 W. Belmont Ave., Franklin Park, IL 60131.**

Chemical Marketing Research Association, Sept. 21-24, 1980, Doral, Country Club, Miami, Florida, Contact: CMRA, 139 Chestnut Ave., Staten Island, New York, 10305.

Eleventh International Federation of Societies of Cosmetic Chemists Congress, Sept. 23-27, 1980, Venice, Italy.

1980 Conference on International Cosmetic Regulations, Venice, Italy, Sept. 27, 1980, sponsored by the International Federation of Societies of Cosmetic Chemists.

Seventh Annual Meeting of the Federation of Analytical Chemistry and Spectroscopy Societies, Sept. 28-Oct. 3, 1980, Philadelphia Sheraton, Philadelphia, PA. Contact: General Chairman, Sydney W. Fleming, Engineering Physics Laboratory, Experimental Station, E-357, E.I. duPont de Nemours & Co., Wilmington, DE 19898.

### October

World Conference on Plastics and Rubber Education, sponsored by the Yugoslavian Society of Plastics and Rubber Engineers, Oct. 1-3, 1980, Zagreb, Yugoslavia. Contact: Wolfgang A. Mack, U.S. Coordinator, Werner & Pfleiderer Corporation, 160 Hopper Ave., Waldwick, NJ 07463.

International Symposium on Energy and Food Industry, Oct. 6-8, 1980, sponsored by the Commission Internationale des Industries Agricoles et Alimentaires (CIIA) and the International Union of Food Science and Technology (IUFoST), in cooperation with the Spain Ministry of Agriculture, Madrid, Spain. Contact: Direccion General de Industrias Agrarias (Simpio 80). Ministerio de Agricultura, Paseo Infanta Isabel 1-Madrid 7, Spain (information in Spanish) or CIIA, C.P. 470-08, 75366 Paris Cédex 08, France. (Information in language other than Spanish).

Joint Symposium on Stationary Combustion NO<sub>x</sub> Control, Oct. 6-9, 1980, sponsored by the U.S. En-

vironmental Protection Agency (EPA) and the Electric Power Research Institute, Denver, CO. Contact: Keith Bentz, Acurex Corp., 485 Clyde Ave., Mountain View, CA 94042 (tele: 415-964-3200).

"Expochem '80," international exposition of analytical instrumentation in the industrial and biomedical fields, sponsored by the University of Houston, Oct. 6-9, 1980, Astorhall, Houston, TX. Contact: Albert Zlatkis, Chemistry Dept., University of Houston, Houston, TX 77004.

National Renderers Association 47th Annual Convention, Oct. 6-10, 1980, Fairmont Hotel, Denver, CO. Contact: Sandra Yeiser, National Renderers Association, 3150 Des Plaines Ave., Des Plaines, IL 60018.

Symposium on Pesticide Applications, sponsored by American Society for Testing and Materials, Oct. 7, 1980, Philadelphia, PA. Contact: A. David Lindsay or John Wright, FMC Corporation, 100 Niagara St., Middletown, NY or Ed Sawyer, Floridin Co., Berkeley Springs, WV 25411.

"Formulation for and Utilization of Pigment Dispersion Equipment," Oct. 7, 1980, presented by the Manufacturing Committee of the Cleveland Society for Coatings Technology, Cleveland Engineering and Scientific Center, Cleveland, OH. Contact: Girish Dubey, Cambridge Coatings, Inc., 5461 Dunham Rd., Cleveland, OH 44137 (tele: 216-475-3800).

"Fifth Symposium on Aquatic Toxicology," co-sponsored by the American Society for Testing and Materials and the American Fisheries Society, Oct. 7-8, 1980, Philadelphia, PA. Contact: J. Gareth Pearson, U.A. Army Medical Bioengineering Research and Development Laboratory, Ft. Detrick, Frederick, MD 21701.

Association of Official Analytical Chemists Annual Meeting, Oct. 19-23, 1980, Marriott Twin Bridges Hotel, Washington, DC. Contact: AOAC, Box 540 Benjamin Franklin Station, Washington, DC 20044.

International Week of Engineering, Oct. 19-25, 1980, sponsored by the Mexican Federation of Engineering Societies, Mexico City, Mexico. Contact: Julie Gibouleau, American Association of Engineering Societies, 345 E. 47th St., 3rd Floor, New York, NY 10017.

Symposium: "Sensory Evaluation of Product Performance," Oct. 20-22, 1980, sponsored by the Society of Cosmetic Chemists, Hilton Hotel, Stratford-upon-Avon, England. Contact: M. Callingham, 56 Kingsway, London WC2B 6DX, England.