

Exhibit of Books

AOCS 69th Annual Meeting
May 14-18, 1978
St. Louis, Missouri

American Oil Chemists' Society, 508 S. Sixth Street, Champaign, IL 61820

Kunau, W.-K., and R.T. Holman, eds. *Polyunsaturated Fatty Acids*. 1977. 258 pp. \$25.00.

Perkins, E.G., ed. *Analysis of Lipids and Lipoproteins*. 1975. 200 pp. \$17.50, members; \$29.00, nonmembers.

Witting, L.A., ed. *Glycolipid Methodology*. 1976. 438 pp. \$12.00, members; \$17.00 nonmembers.

Wood, Randall, ed. *Tumor Lipids: Biochemistry and Metabolism*. 1973. 324 pp. \$9.95, members; \$15.00, nonmembers.

Plenum Publishing Corporation, 227 West 17th Street, New York, NY 10011

Basan et al. *Function & Biosynthesis of Lipids*. 1977. \$59.50.

Bertin. *Introduction to X-ray Spectrometric Analysis*. 1978. \$28.50.

Bockris. *Environmental Chemistry*. 1977. \$49.50.

Draper. *Advances in Nutritional Research*, Vol. 1. \$27.50.

Elias. *Macromolecules*, Vol. 1 and 2. \$39.50 each.

Gatt et al. *Enzymes of Lipid Metabolism*. 1978. \$59.50.

Grove. *Applied Atomic Spectroscopy*, Vol. 1. \$39.50.

Korn. *Methods in Membrane Biology*, Vol. 9. \$35.00.

Kuksis. *Handbook of Lipid Research*, Vol. 1. 1978. \$35.00.

Mamantov. *Characterization of Solutes in Nonaqueous Solvents*. 1977. \$35.00.

Mittal. *Micellation, Solubilization, Microemulsions*, Vol. 1 and 2. 1977. \$42.50 each.

Oae. *Organic Chemistry of Sulfur*. 1977. \$40.00.

Snyder. *Lipid Metabolism in Mammals*, Vol. 1 and 2. 1977. \$42.50 each.

Robert E. Krieger Publishing Co., Inc., 645 New York Avenue, PO Box 542, Huntington, NY 11743

Govier, G.W., and K. Aziz. *The Flow of Complex Mixtures in Pipes*. \$41.50.

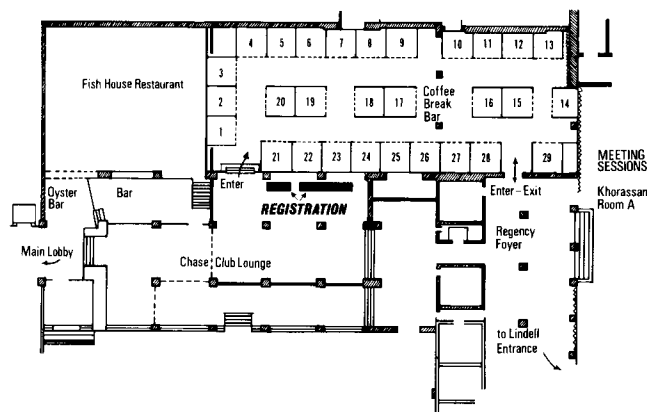
Pirson, Sylvain J. *Oil Reservoir Engineering*. \$29.50.

Smith, C.R. *Mechanics of Secondary Oil Recovery*. \$24.50.

Thielsch, Helmut. *Defects & Failures in Pressure Vessels and Piping*. \$21.50.

Exhibitors

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ARTISAN INDUSTRIES INC., Waltham, MA. Process engineering, fractionation, stripping, solvent recovery, liquid-liquid extraction, continuous filtering – washing and thickening, and vacuum ejectors and condensers will be featured. Representatives: James L. Baird, Leo J. Monty, and Richard Tracy.

BUHLER-MIAG INC., Minneapolis, MN. Pictures and pamphlets of crackers and flakers, pictures and pamphlets of conveying and cleaning equipment are featured. Representatives: Gus Boller and Jack Hostettler.

THE CAMBRIAN ENGINEERING GROUP LTD., Mississ-

auga, Ontario, Canada. The display booth will have a model of a Campro Deodorizer used in deodorizing edible oils and fats. Representative: Robert S. Jickling.

CHEMAPEC INC., Woodbury, NY. The FUNDA Filter system provides effective solid-liquid separation and the elimination of manual filter cleaning. The unique design of FUNDA Filter ensures even cake build-up and allows for cake treatment. The system need not be opened for cleaning. FUNDA Filter is also suitable for handling hazardous products for safeguarding personnel. Spinning of filter elements discharges the residue in either dry or slurry form. Chemapec has mobile self-contained units for experimental work. Complete process cycles can be carried out. Data obtained assist Chemapec in engineering, designing, and developing complete filtration systems. Representatives: Nicholas Deroyiannis and Jack Fritz.

CHEMETRON FOOD EQUIPMENT DIV., Louisville, KY. Primarily literature and space for discussions will be available. Representative: Calvin T. Zehnder.

CVC PRODUCTS, INC., Rochester, NY. The exhibit will feature: 1. LAB-5 molecular distillation system – R&D and small production system for the separation and purification of essential oils, vegetable oils, and many natural products. 2. Literature describing the larger production systems. 3. Literature describing process gas analysis system. This mass spectrometer based system is an invaluable production tool. 4. Literature describing CVC's GC/MS system. Representative: Gerald DeLaney.

DICKEY-john CORPORATION, Auburn, IL. 15-Sec total grain analysis—including moisture content, test weight, and temperature delivered via a digital readout and a complete analytical printout—are provided by GAC II and GAC III grain analysis computers. Accuracies with grain moisture of 10-22% is 0.15% standard error; for grain moisture of 22-40%, 0.30% standard error. Grain test weight (density) is

0.3 lb/bu standard error. DICKEY-john Corp. offers buls. Representatives: Mike Williams and Graham Studley.

THE DURIRON COMPANY, INC., Dayton, OH. Filtration Systems Division of The Duriron Company will have a complete graphic demonstration of its full line of equipment which includes horizontal and vertical pressure leaf filters, tubular filters/strainers, and the dramatic new Quadra Press. Leaf and membrane samples will be available, depicting the company's wide range of capability. Representative: John M. Grubb.

ELLIOTT AUTOMATION COMPANY INC., Cincinnati, OH. An oil refinery loss monitoring system is a basic tool in any edible oil refinery. Elliott loss monitors are very successful and have been installed in most of the major oil refineries in the U.S. and Canada. On display will be the latest version of the System II Digital Oil Refinery Loss Monitor. New Digital Control Systems for caustic blending and caustic treat control will soon be announced, and information on these systems is available at our booth. Customers are invited to discuss their loss monitor or control applications. Representatives: Peter Elliott and Ken Elliott.

EMI CORPORATION, Des Plaines, IL. Literature describing EMI physical refining system, award winning edible protein processing systems; plant pictures and process flow-sheets for solvent extraction of oilseeds, fats and oils refining, fatty acid production processes, and complete plants as offered by EMI will be available. Representatives: E.D. Milligan, A.M. Gavin, R. Berger, D.C. Tandy, and W.M. McPhearson.

ENCYCLOPAEDIA BRITANNICA, Chicago, IL. Encyclopaedia Britannica 3, The Britannica Junior, Great Books of the Western World, and other related products will be featured. Representative: Ann Gordon.

FERRELL-ROSS, Saginaw, MI. Ferrell-Ross, manufacturing agri-processing equipment since 1869, has produced equipment for the oilseed industry since the early 1960s. Efficient dryers, high capacity cracking and flaking mills, and precision seed cleaners manufactured by Ferrell-Ross are found in oilseed plants in both the United States and abroad. Representative: Roscoe Warner.

THE FOXBORO COMPANY, Foxboro, MA. The exhibit will feature: micro-Blend Trol blending system, 99P Packaged blender blending system, 99D Batch totalizer system, Vortex flowmeter, Target flowmeter, and pH Convertor and electrode holders. Representatives: E.P. Nobrega, P. Frechette, and G.P. Trearchis.

FRENCH OIL MILL MACHINERY CO., Piqua, OH. Oilseed processing equipment: solvent extraction equipment and systems; mechanical screw presses; roller mills; seed conditioners, will be featured. Representatives: W.M. Barger, L.W. Shoemaker, D.K. Bredeson, and P.A. Malabrigo.

GULF RESEARCH AND DEVELOPMENT CO., Pittsburgh, PA. The exhibit will feature the Gulftronic Separator System for continuous automatic and efficient separation of catalyst and other finely divided solids from nonconduction liquids. Working model plates and data will be displayed and discussed. Representative: R.P. Nejak.

INDUSTRIAL FILTER & PUMP MFG. CO., Cicero, IL. The exhibit will display illustrations of the entire equipment line featuring the type 122 horizontal pressure leaf filters. Type 112, 152, 114, 116, 118, and 123 filters and systems will be included with oil skimmers, ion exchange,

and pollution abatement equipment. Representatives: Frank Passalacqua, Ed King, R.V. Angermeier, and W.C. Zievers.

L.A. SALOMON & BRO., INC., Port Washington, NY. Activated clay, activated carbon, and bentonite will be featured, and literature regarding use of these products will be available. The exhibit will stress use of bentonite in wastewater treatment systems both as a flocculant and as a liner for ponds and lagoons. Representatives: August M. Rossetto, Henry G. Salomon, and Gerardo Feldhaus.

NEUMUNZ, INC., Leonia, NJ. Food processing machinery for mayonnaise and salad dressing plants; flowsheets and bulletins for processing vegetable oils, such as deodorization, hardening, winterizing equipment, etc., will be available. Representatives: John Conlon, Peter C. Linnemann, and George M. Neumunz.

NU-CHEK-PREP, INC., Elysian, MN. The exhibit will feature: fatty acids and ester homologs, triglycerides, diglycerides, monoglycerides, acid chlorides, fatty nitriles, fatty alcohols, fatty acetates, cholesteryl esters, cholestanyl esters, hydrocarbons, alkyl-methane-sulfonates, soaps, fatty acid anhydrides, wax esters, standard reference mixtures (TLC-GLC), bile acids. Representatives: Lowell J. Nutter and John D. Nadenicek.

THE PRAXIS CORPORATION, San Antonio, TX. The Praxis Model SFC-900 is a new integrated instrument approach to solid fat content determination in the fats and oils industry. Housed in a low profile roll-about cabinet, it is the first instrument to combine both the thermal and analytical requirements for solids measurement. The percentage of solids in commercial shortenings and hydrogenated oils conditioned at selected temperatures is determined in a matter of minutes. Twenty samples can be processed at a time. Operators are easily trained to take routine data. Representatives: Gil Persyn and John Witt.

PSI PROCESS SYSTEMS, INC., Memphis, TN. Engineering and construction services will be featured. Representative: R.T. Gadomski.

SUPELCO, INC., Bellefonte, PA. Gas, liquid, and thin layer chromatography supplies and standards; and lipids and other biological chemicals will be featured. Representatives: Lloyd A. Witting and Gary C. Walker.

WATERS ASSOCIATES, INC., Milford, MA. Waters Associates manufactures a complete product line of modern, high-performance liquid chromatography instrumentation, specialty LC columns, and LC chemicals and supplies optimized for the analysis of triglycerides, fatty acids, fats and oils, antioxidants, emulsifiers, etc. The instrumentation includes: automatic and manual sample injectors, solvent delivery systems, solvent flow programmers, refractive index detectors, fixed and variable wavelength UV/Vis detectors, fluorescence detectors, and a complete product line of chemicals and supplies including LC solvents, and materials for sample preparation. Instrumentation for both analytical and preparative (gram scale) chromatography is available. Representatives: Kert Ivie, Brian Bidlingmeyer, and Bill Laas.

WURSTER & SANGER DIV. OF JACOBS ENGINEERING, Chicago, IL. Pictorial display of processes offered by Wurster & Sanger in areas of edible oil processing and by-product chemicals such as fatty acids and glycerine will be featured. Wurster and Sanger catalogs will be available. Representatives: George M. Andretich, K. Lamba, A.R. Duda. ●

AOCS Placement Service in:

ST. LOUIS

The sixth AOCS Placement Center is planned for the Annual Meeting at the Chase-Park Plaza Hotel, St. Louis, MO, May 14-18, 1978.

The Placement Center is designed to bring together employers and job applicants in the fields of fats, oils, lipids, and other areas served by the Society. Both applicants seeking positions and employers with job openings are encouraged to register and use the Center.

Applicants are asked to submit resumes on the standardized format which appears in this issue. In cases where applicants desire, applicants' names and addresses will be deleted from the confidential resumes placed on open file. These resumes will be assigned code numbers and will be made available in book form to employers attending the St. Louis meeting. It will not be necessary for applicants to attend the St. Louis meeting to use the service. However, attendance obviously will enhance an applicant's opportunity to find appropriate employment.

Likewise, employers are asked to complete a standardized job description form which appears in this issue. These forms will be posted at the Placement Center. As with the resumes, a coding system will be established to ensure confidentiality when desired. Employers who are unable to have interviewers present at the St. Louis meeting are encouraged to send job listings. Resumes of interested applicants will be mailed to those employers after the meeting.

Applicants and employers who wish to register for the Placement Center should complete the standardized forms and return them by April 30, 1978, to AOCS Placement Service, 508 S. Sixth St., Champaign, IL 61820. There is no charge to AOCS members and students; nonmembers who register before April 30, 1978 will be charged \$10.00. Those attending the Annual Meeting may register for the Placement Service at St. Louis; however, the cost of registering at St. Louis will be \$25.00 for nonmembers. Employers with available positions will not be assessed a fee.

Detailed instructions for both applicants and employers follow.

INSTRUCTIONS TO APPLICANT

General Information

Registration is not limited to applicants attending the St. Louis meeting; however, applicants present at St. Louis must register for the meeting to have access to the Placement Center. No one will be admitted to the Center without a meeting registration badge.

Registering

General: Applicants are advised to register early to ensure proper handling of resumes. The deadline date for early registration is April 30, 1978. Applicants also may register at the St. Louis meeting.

Early registration: Early registration can be accomplished by completing a standard resume form (a form is

enclosed with this issue). Resumes should be completed with as much information as possible and should clearly indicate whether the resume is "confidential" or "open." Applicants also should indicate whether or not they plan to attend the St. Louis meeting. *Resumes of applicants who are unable to attend the St. Louis meeting cannot be confidential.* These resumes will be placed in the open file and copies will be made available to employers requesting them. Resumes, with appropriate fees (see "Fees" section below), should be mailed to AOCS Placement Center, 508 S. Sixth St., Champaign, IL 61820.

St. Louis registration: On arrival in St. Louis, those who have registered for the Placement Center early will register for the meeting and check for the location of the Placement Center. They then should report to the Placement Center, where they will complete a placement registration card and an interview scheduling card, indicating the times they will *not* be available for interviews. Applicants who have not registered early will be requested to complete a resume form and pay all appropriate Placement Center fees at the time of their arrival in St. Louis. The Placement Center will be open for registration on Sunday, May 14, 1978, 1:00-5:00 p.m. The Center will, however, not schedule interviews at this time.

Interview Scheduling

Employer initiated interview: Employers wishing to contact applicants will make contact by filling in their names or code numbers on the applicant's interview scheduling card. Applicants must check their own cards often to determine if employers wish interviews. Please check the message board near the registration desks often. Messages concerning interviews will be posted there.

Applicant initiated interview: Applicants wishing to contact employers may do so by completing a request-for-interview form which will be available at the Placement Center. The card, with a copy of the applicant's resume attached, will be kept at the Placement Center for the employer, who then will contact the applicant. Requests for interviews with those employers who are not attending the meeting will be mailed to the employers along with copies of an applicant's resume.

Hours

Registration: Sunday, May 14, 1:00-5:00 p.m.; Monday, May 15, 8:00 a.m.-noon and 1:30-5:00 p.m.; Tuesday, May 16, 8:00 a.m.-noon and 1:30-5:00 p.m.; Wednesday, May 17, 8:00-noon and 1:30-5:00 p.m.; Thursday, May 18, 8:00-11:00 a.m.

Placement Center interview room: Monday, May 15, 8:00 a.m.-noon and 1:30-5:00 p.m.; Tuesday, May 16, 8:00 a.m.-noon and 1:30-5:00 p.m.; Wednesday, May 17, 8:00-noon, and 1:30-5:00 p.m.; and Thursday, May 18, 8:00-11:00 a.m.

Applicant Fees

Early registration (resumes reaching AOCS by April 30, 1978): Students and AOCS members, no charge; nonmembers, \$10.00.

Meeting registration: Students and AOCS members, no charge; nonmembers, \$25.00.

INSTRUCTIONS TO EMPLOYER

General Information

Registration for the AOCs Placement Center in St. Louis is not limited to those firms having representatives at the meeting. All descriptions of available positions provided by interested employers will be listed. However, access to the Placement Center in St. Louis will be limited to employer representatives who have registered for the meeting.

Registering

General: To register with the Placement Center, an employer should complete the standardized job description form (a form is enclosed with this issue). The form should be completed with as much information as possible and should indicate whether the listing is to be "open" or "confidential" and whether or not a representative will be available for interviews at St. Louis. Confidential listings will have the firm's name and address deleted before posting. All job descriptions will be posted in the Placement Center for viewing by applicants. Job description forms should be mailed to AOCs Placement Center, 508 S. Sixth St., Champaign, IL 61820. A form should be completed for each position opened. Additional forms are available from the above address.

St. Louis arrival: Company representatives using the Placement Center must register for the meeting. Then they should report to the Placement Center where they complete a registration form and submit any new job descriptions for posting. They also check resumes to find prospective interviewees.

Interview Scheduling

Employer initiated interview: Each applicant will have completed an interview scheduling card. When an employer has determined by reading the resume that he wishes to interview a particular applicant, he simply writes his name

in the appropriate time slot on the applicant's card. Employers are advised to allow adequate time for the applicant to check his card. Once an interview has been scheduled, the employer may obtain a copy of the applicant's resume from the Placement Center. Resumes are not to be removed from the open books. For employers who are unable to send representatives to the St. Louis meeting, resumes of interested applicants will be mailed to them on or before May 22, 1978.

Applicant initiated interview: Applicants may respond to posted job descriptions by requesting interviews with a particular employer. These applicants will complete a request-for-interview form. The Placement Center staff will attach a copy of the applicant's resume to the form and will hold it in the Placement Center for the employer. Employers periodically should check the Placement Center for these request-for-interview forms. Once the employer has evaluated the applicant's resume, he can schedule interviews by using the applicant's schedule card or by making direct contact with the applicant. Please check the message board by the registration desk frequently. Messages concerning interviews will be posted there.

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Employer Fees

There is no charge for listing job descriptions with the Placement Center.

