



Allerton Hall

## Speakers Are Named for 1955 Short Course

AS THE PROGRAM for the 1955 short course on Analytical Techniques, to be held at the University of Illinois August 1-5, takes shape, announcement of the speakers on the various subjects is made by S. E. Tierney, program chairman, who is with Swift and Company, Chicago. The course is being given by the American Oil Chemists' Society in cooperation with the Extension division.

### PROGRAM

#### Morning

#### Monday, August 1

Welcome, by G. A. Crapple, Wilson and Company, Chicago, chairman of the Education Committee of the Society  
Sampling, by L. R. Brown, A. E. Staley Manufacturing Company, Decatur, Ill.  
Determination of Impurities, by A. A. Rodeghier, Durkee Famous Foods, Chicago

#### Afternoon

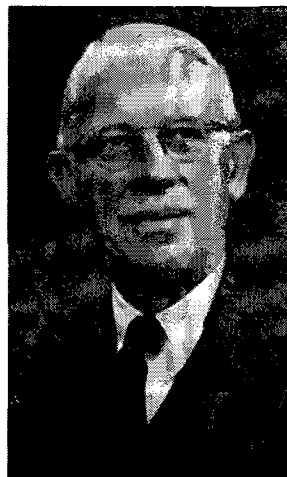
Loss Determinations, by E. M. James, consultant, Swarthmore, Pa.  
Color and Bleach Methods, by R. C. Stillman, Procter and Gamble Company, Cincinnati, O.  
Melting, Solidification, and Consistency



R. T. O'Connor



R. R. Allen



E. M. James



R. C. Stillman

#### Morning **Tuesday, August 2**

Flavor Evaluation, by C. D. Evans, Northern Regional Research Laboratory, Peoria, Ill.  
Stability and Rancidity, by Le Roy Dugan Jr., American Meat Institute Foundation, Chicago  
Performance Testing

#### Afternoon

X-ray Spectroscopy, by W. S. Singleton, Southern Regional Research Laboratory, New Orleans, La.  
Ultraviolet Spectroscopy, by R. T. O'Connor, Southern Regional Research Laboratory, New Orleans, La.  
Infrared Spectroscopy, by R. T. O'Connor, Southern Regional Research Laboratory, New Orleans, La.

#### Morning **Wednesday, August 3**

Dilatometry, by W. Q. Braun, Wilson and Company, Chicago  
Chromatography, by R. R. Allen, Armour and Company, Chicago  
Fractional Distillation, by A. W. Weitkamp, Standard Oil Company (Indiana), Whiting, Ind.

#### Morning **Thursday, August 4**

Fractional Solvent Crystallization, by J. B. Brown, Ohio State University, Columbus, O.  
Craig Countercurrent Extraction, by H. J. Dutton, Northern Regional Research Laboratory, Peoria, Ill.  
Microscopy, by C. W. Hoerr, Armour and Company, Chicago

#### Afternoon

Instrumental Analysis; Automation, by a representative of Beckman Instruments  
Statistical Methods, by H. P. Andrews, Swift and Company, Chicago

#### Morning **Friday, August 5**

Measurement of Chain Length, by F. A. Kummerow, University of Illinois, Urbana  
Measurement of Unsaturation, by R. R. Allen, Armour and Company, Chicago  
Determination of Hydroxyl Groups, by Edward Handshu-maker, Tenafly, N. J.

#### Afternoon

Determination of Triglyceride Structure, by R. W. Reimenschneider, Eastern Regional Research Laboratory, Philadelphia  
Process Control, by Walter Trent, Colgate-Palmolive Company, Jersey City, N. J.  
Establishment of Specifications and Standards, by C. E. Morris, Armour and Company, Chicago

**S**OCIAL EVENTS will include a fish fry at the Robert Allerton park on the afternoon and evening of August 3, and a banquet at the Urbana-Lincoln hotel on Thursday, the 4th.



Gregory Hall

Registration fee will be \$50, payable in advance to the Society. The university will collect the fee for food and housing, which will come to about \$35. Room reservation forms, for the use of the university, should be filled out by all students in advance.

Local committee personnel are all connected with the University of Illinois: R. T. Milner, chairman, and F. A. Kummerow, both in the food technology department; R. K. Newton, Extension Division; and T. S. Hamilton, animal husbandry.

Working with Mr. Tierney on the program committee are Mr. Hoerr, W. C. Loy, Wilson and Company, Dr. Dugan, and Mr. Rodeghier. Consultant is V. C. Mehlenbacher.

Application forms may be obtained from the Society office at 35 E. Wacker Drive, Chicago 1, Ill.

## Appointments

New staff members at POSTER D. SNELL INC., New York, N. Y., are Murray E. Ferencz and Morris Glazer, surface chemistry department; Sidney Gottfried and Elias Kimmel, product development department; and Howard F. Kivlin, engineering division.

Promotions at A. E. STALEY MANUFACTURING COMPANY, Decatur, Ill., include Robert L. Schuerman, assistant manager of industrial sales, and James W. Hurley, manager of market research for the industrial sales department.

CHARLES W. SEELBACH has joined the staff of the chemicals research division at Esso Research and Engineering Company, Linden, N. J.

Gordon Kiddoo has been elected vice president of development at NATIONAL RESEARCH CORPORATION, Cambridge, Mass.

EVANS RESEARCH AND DEVELOPMENT CORPORATION, New York, N. Y., has named Walter W. Edman as associate director of research.

Gilbert Thiessen is assistant manager of the research department at KOPPERS COMPANY INC., Pittsburgh, Pa.

The GLUTAMATE MANUFACTURERS' TECHNICAL COMMITTEE has appointed M. J. Blish as research consultant and coordinator to head an industry research program. The participating companies of G.M.T.C., the membership of which is limited to research and technical service representatives, are the Huron Milling Company, A. E. Staley Manufacturing Company, General Mills Inc., International Minerals and Chemical Corporation, and The Great Western Sugar Company.

Olindo Secondini has joined the technical staff at DODGE AND OLCOTT INC., New York, N. Y.

Ralph Wechsler has been elected president of NOPCO CHEMICAL COMPANY, Harrison, N. J.

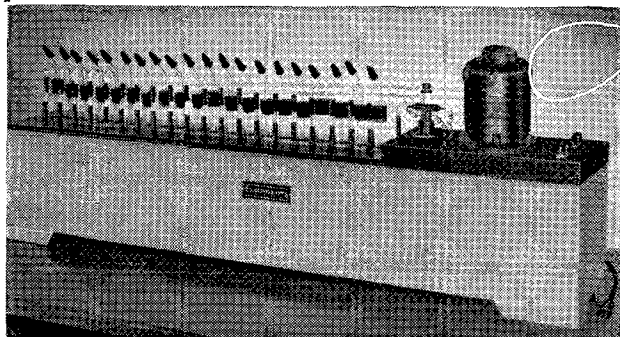
## FAT STABILITY APPARATUS

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**Air pre-heating prevents sample cooling**

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Adopted as standard, company-wide equipment by principal packing firms. This improved apparatus is now offered with a highly sensitive and extremely reliable temperature regulating system employing an adjustable mercury thermoregulator and the Sargent electronic relaying system.

The apparatus consists of a thermostatically controlled bath to maintain the samples at operating temperature, a pre-heating and distribution system to condition and regulate air passing through the sample, and twenty aeration tubes.



The mineral oil heating bath is contained in a sheet metal tank and is heated by three electrical immersion heaters supplying, respectively, auxiliary power for rapid attainment of operating temperature, constant power to supply in part that heat normally lost through conduction and radiation, and intermittent heat to an extent determined by the thermoregulator. Oil circulation to ensure uniformity of temperature is accomplished by a centrifugal immersion pump. Operating temperature may be adjusted over the range of 95° to 115° C with a regulation of  $\pm 0.1^\circ$  C.

The air distribution system consists of a glass manifold suspended from the cover and surrounded by the heating medium. Outlet tubulatures extend through the cover to each aeration position and are connected by segments of Neoprene rubber tubing through capillary orifices standardized at 2.33 milliliters of air per second. Inlet to the manifold is through a one-fourth inch diameter glass tube of which a forty inch section is immersed in the heating bath and which terminates in a tee connection at the cover.

Aeration tubes are 25x200 mm, Pyrex brand test tubes equipped with rubber stoppers carrying inlet and outlet tubes oriented for convenience in connection to the manifold and in organoleptic testing.

Length, 42 inches; width, 7½ inches; total height, 14¼"; maximum power consumption, 1100 watts.

**S-63940 OIL STABILITY APPARATUS** — Fat, Peroxide Method, Thermostatic, Electric. Complete with twenty aeration tubes, capillary orifices, pressure regulating columns and cord and plug for attachment to standard outlets but without wet test meter or gas purification train. For operation from 115 volt, 60 cycle A.C. circuits .....\$400.00

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