## 7th Annual Symposium on New Coatings and New Coatings in Raw Materials

The Polymers and Coatings Department at North Dakota State University will sponsor the Seventh Annual Symposium on New Coatings and New Coatings in Raw Materials, May 31 to June 3, 1965.

This year, the meeting will be held at the Fair Hills Resort on Pelican Lake in the Detroit Lakes, Minnesota, area.

About 20 talks are scheduled. These will encompass two subsymposiums, as follows:

#### Subsymposium on Intumescent and Fire-Retardant Systems

Flammability Requirements of Fire-Retardant Coatings. A. A. Briber, Underwriter's Laboratory, Inc.

New Fire Retardant Coatings. C. C. Clark, A. J. Krawczyk and G. C. Reid, Spencer Kellogg Division of Textron, Inc.

Water-Resistant, Oil-Based, Intumescing, Fire-Retardant Coatings. E. T. Raynor, SURDD-USDA.

#### General Papers

Amide-Imide Polymers for High Temperature Service. J. R. Stephens, Amoco Chemicals Corporation.

Ethylene/Vinyloxy ethanol Copolymers. J. D. Calfee and H. P. Holladay, Monsanto Company.

Silicone Metal Protectants and Primers. S. Sterman, Union Carbide Corporation, Silicones Division.

Microbiological Control of Raw Materials in Latex Paints— Significance and Benefits. H. D. Snyder and M. Goll, Cosan Chemical Corporation.

Light Stabilizers for External Coatings. David Gordon, Geigy, Inc.

Some Novel Urethane Coating Compositions. S. Shulman, North Dakota State University.

Vinyl Esters of Tertiary Carboxylic Acids for Use in Copolymer Paint Latices. W. T. Tsatsos, J. C. Illman, R. W. Tess, Shell Development Company.

Fluorochemical Coatings. N. J. Monson, Minnesota Mining and Manufacturing Co.

Use of Cellulose Acetate Butyrate with Acrylic Resins. F. M. Ball, Eastman Chemical Products.

New Coating Compositions Based on Dimorphotheca Oil. A. E. Rheineck and G. M. Sastry, North Dakota State University.

Acrylic Acid Derivatives of Partially Epoxidized Linseed Oil. A. E. Rheineck and P. R. Lakshmanan, North Dakota State University.

Attenuated Total Reflectance in Infra Red Spectroscopy of Polymers and Coatings. R. H. Peterson, North Dakota State University.

#### Subsymposium on Coating Processes

Ford Motor Company's Electrocoating Process. G. E. F. Brewer and G. L. Burnside, Ford Motor Company.

Electrodeposition: Theory and Practice. Louis R. LeBras, Pittsburgh Plate Glass Co.

Vehicles for Electrodeposition. R. O. Austin, Pan American Tung Research and Development League.

Glow Discharge Polymerization for Coating Plastic Film, Paper and Metals. J. P. Hammes, Radiation Research Corporation.

Radiation Polymerization. K. R. Clark, High Voltage Engineering Corporation.

For further information, write to A. E. Rheineck, Polymers and Coatings Department, College of Chemistry and Physics, North Dakota State University, Fargo, N. Dak.

# Chicago Drug and Chemical Assn. Elects 1965 Officers

The Chicago Drug and Chemical Association elected the following slate of officers and directors at its recent annual meeting of the Chicago Athletic Association. President—H. R. Arnold; 1st Vice-President—E. F. Swanson; 2nd Vice-President—A. H. Carnes; Secretary—W. F. Hardy; Treasurer—T. J. Desmond.

W. G. Lister is Executive Secretary of the group.



Left to right: A. H. Carnes, J. J. Desmond, H. R. Arnold, W. G. Lister, E. F. Swanson, and W. F. Hardy.

Two AOCS members are among the new officers of the Chicago Drug and Chemical Association. W. J. Quick (1964), of Durkee Famous Foods, was named Chairman of the Program and Luncheon Committee; and J. C. Lamping, Jr. (1955), of Hoffman-La Roche, Inc., is the new Chairman of the Member Relations Committee.



J. C. Lamping

W. J. Quick

### • Industry Items

Stepan Chemical Company has announced a 50% increase in capacity at its Millsdale, Ill., Continuous  $SO_z$  sulfonating plant, and has begun construction of new plants at both Millsdale and Fieldsboro, N. J. Stepan has been granted U. S. patents as well as a series of worldwide patents covering its Continuous  $SO_z$  process.

SWIFT & Co., will spend \$100,000,000 in 1965-66 as part of an expansion program which includes a plant in the Chicago area to make margarine, shortening, lard, and oils and a chemical complex at Hammond, Ind., to make soap, synthetic detergents and fat-based chemicals.

Swift also plans to join Texas Gulf Sulphur, Skelly Oil and an agency of the Republic of Korea in a phosphate-nitrogen plant at Ulsan, Korea.

AMERICAN HOSPITAL SUPPLY CORPORATION and W. H. CURTIN & COMPANY, industrial and research laboratory supplier based in Houston, Texas, have adopted a merger agreement. Curtin is a specialized distributor of technical supplies and equipment used principally in industrial and research laboratories. American Hospital Supply is a highly diversified manufacturer and distributor in the fields of health care and science.