

E. W. D. Huffman, "Elemental Analysis;" R. H. Müller, "Instrumentation of Paper Chromatography;" John Sease, "Chromatography;" J. Mitchell, "Determination of Functional Groups by Karl Fischer Reagent;" S. Siggia, "Current Aspects of Functional Group Analysis;" S. Wawzonek, "Organic Polarography;" P. J. Elving, "Determination of Compounds as Compounds;" N. Coggeshall, "Spectroscopic Functional Analysis;" Paul Kirk, "Ultra-Micro Techniques;" T. Higuchi, "Metal Hydrides in Organic Analysis."

INORGANIC CHEMISTRY

Therold Moeller, *Chairman*; Eugene O. Brimm, *Vice Chairman*

August 18: A. N. Holden, Discussion Leader. New Research Tools as Applied to Inorganic Chemistry. S. H. Bauer, "Diffraction."

August 19: New Research Tools as Applied to Inorganic Chemistry. S. Freed, "Spectroscopy."

August 20: J. J. Katz, "Non stoichiometric Compounds."

August 21: E. L. Zebroski, "Solvent Extraction in Inorganic Chemistry."

August 22: Summary and discussion.

COAL

Coal Combustion and Gasification

G. D. Creelman, *Chairman*; A. C. Fieldner, *Vice Chairman*

August 25: J. W. Gartland, "X-Ray Studies of Coal and Carbon During Conversion;" J. I. Yellott, "Combustion Reactions."

August 26: Properties and Reactions of Coal Ash. E. G. Bailey, "Practical Aspects;" R. C. Corey, "Theoretical Aspects."

August 27: M. A. Elliott, E. Gorin, A. A. Orning, C. C. Wright, "Kinetics and Mechanisms of Gasification and Combustion Reactions."

August 28: M. A. Elliott, E. Gorin, A. A. Orning, C. C. Wright, "Kinetics and Mechanisms of Gasification and Combustion Reactions."

August 29: Round Table. Significance of Fundamental Studies of Combustion and Gasification.

Laurentian Hormone Conference

Gregory Pincus

The Worcester Foundation for Experimental Biology

THE Laurentian Hormone Conference of the AAAS will hold its 1952 meeting at Mont Tremblant Lodge, Mont Tremblant, Que., during the period September 7-12. The Committee on Arrangements invites applications for attendance from interested investigators and from specialists in the hormone field. Since accommodations at the hotel necessarily limit the attendance, application must be made to the Committee on Arrangements, 222 Maple Ave., Shrewsbury, Mass. In order to be considered, application blanks must be received by the committee by June 5.

The following program has been arranged:

I. CHEMISTRY AND BIOCHEMISTRY OF ADRENOCORTICOSTEROIDS

"Synthesis of 11-Oxygenated Adrenal Hormones from Plant Steroids," G. Rosenkrantz; "Hydrolysis and Extraction of Corticoids and 17-Ketosteroids from Body Fluids," E. H. Venning; "Micro-methods for the Analysis of Adrenocorti-

cal Steroids," A. Saffaroni; "The Bioassay of Adrenocorticosteroids," R. I. Dorfman.

II. ADRENOCORTICAL PHYSIOLOGY

Symposium on Diseases of Adaptation

"The Diseases of Adaptation," H. Selye; "Some Experimentally Produced and Some Naturally Occurring Pathologic Changes in the Rat," D. J. Ingle, B. L. Baker; "Studies on Adrenal Cortical Function in Man," G. W. Thorn; "The Adaptation Concept in Relation to Connective Tissue Disease," W. Bauer; "The Adrenal in Cancer," C. Huggins, D. M. Bergenstal.

III. PHYSIOLOGY OF REPRODUCTION

"Progesterone Metabolism in the Human Female: Its Significance in Relation to Reproduction," H. S. Guterman; "The Biochemistry of Relaxin," E. H. Frieden, F. L. Hisaw; "Problems of Fetal Endocrinology: Gonadal and Hypophyseal Hormones," A. Jost; "The Influence of Steroids on Uterine Metabolism," C. Szego, S. Roberts.

IV. GROWTH HORMONE AND METABOLISM

"Growth and Diabetes," F. G. Young; "The Effects of Anterior Pituitary and Adrenal Cortical Hormones on Carbohydrate Metabolism," R. C. deBodo; "The Biosynthesis of Lipids *in vitro* and its Hormonal Control," S. Gurin, R. O. Brady.

