

# Association Affairs

## Gordon Research Conferences

June 18–August 31, 1951

Since the schedule of conferences was announced on April 27 (*Science*, 113, 496 [1951]), detailed programs for the conferences on Coal and on Proteins and Nucleic Acids have been completed. Inquiries concerning attendance, registration, and housing should be addressed to W. George Parks, Colby Junior College, New London, N. H. In the case of the Coal Conference, communication by telephone or telegraph is advised. Both conferences will be held at New Hampton School, New Hampton, N. H.

### COAL

G. D. Creelman, *Chairman*

*June 25:* L. J. E. Hofer, "Structure of Coal, X-Ray and Infrared Measurements;" R. B. Anderson, "Colloidal Properties of Coal, Surface, Porosity, State of Water."

*June 26:* G. H. Cady, "Coal Petrography;" F. W. Smith, "Thermal Decomposition;" H. H. Lowry, "Solvent Extraction."

*June 27:* M. Orchin, "Hydrogenation;" H. C. Howard, "Oxidation."

*June 28:* Coal Gasification—C. C. Wright, "Oxygen Exchange Reaction in Coal Gasification;" H. C. Hottel, "Kinetics of Carbon Gasification Reactions."

*June 29:* H. H. Lowry, "Significance of Chemistry in Utilization of Coal."

### PROTEINS AND NUCLEIC ACIDS<sup>1</sup>

Ralph W. G. Wyckoff, *Chairman*; Kurt G. Stern, *Vice Chairman*<sup>2</sup>

*August 27:* Nucleic Acid Structure—*Chairmen:* Max Lauffer and M. Stacey.

Erwin Chargaff, "Problems in the Structure and Function of Nucleic Acids;" M. Stacey, "Nature of the Linkages in Desoxypentose Nucleic Acid;" Gerhard Schmidt, "The Enzymatic Hydrolysis of Ribonucleic Acids and its Bearing on the Concepts of their Structure;" Stig Claesson, "Recent Advances in Adsorption Analysis;" Waldo Cohn, "The Application of Ion Exchange to the Problem of Nucleic Acid Structure and Composition;" H. S. Loring, "The Isolation, Properties, and Significance of the Isomeric Nucleotides from Yeast Ribose Nucleic Acid."

*August 28:* Proteins—*Chairmen:* Kurt G. Stern and Paul Doty.

K. Linderstrom-Lang, "The Volume Change in Proteolysis;" F. J. W. Roughton, "Recent Experiments in the Mechanism of Reaction of Hemoglobin with Oxygen and Carbon Monoxide and their Bearing on the Problem of Protein Individuality;" F. Sanger, "The Structure of Insulin;" J. C. Kendrew, "The Structure

<sup>1</sup>Through the generosity of the Rockefeller Foundation, it has been possible to invite a number of distinguished workers from abroad and thus to maintain the international viewpoint established last year.

<sup>2</sup>Inquiries dealing with the program and related matters should be sent to Dr. Kurt G. Stern, Polytechnic Institute of Brooklyn, 99 Livingston St., Brooklyn 2, N. Y.

of Hemoglobin and Myoglobin;" D. Harker, "Remarks on the Problem of Protein Structure from the Point of View of X-Ray Data."

*August 29:* Virus Metabolism—*Chairmen:* H. Neurath and J. P. Greenstein.

F. W. Putnam, "Precursors of Bacteriophage Nucleic Acid and Protein;" S. J. Singer, "Studies of the Proteins of Normal and Virus-infected Plants and Bacteria;" C. G. Hedén, "The Nucleic Acid Metabolism of the Host Cell in Tracer Studies on Bacteriophage Production;" L. W. Labaw, "The Origin of Phosphorus in *E. coli* Bacteriophages."

*August 30:* Physical Studies on Viruses—*Chairman:* Ralph W. G. Wyckoff.

Max A. Lauffer, "The Hydration of Viruses;" Howard K. Schachman, "Studies on the Degradation of Tobacco Mosaic Virus;" M. H. F. Wilkins, "Physical Studies on Nucleic Acids and Crystals of Tobacco Mosaic Virus Nucleoprotein."

Radiation Effects—*Chairman:* Alexander Hollaender. J. Weiss, "Effects of Ionizing Radiations on some Substances of Biological Importance;" Ernest Pollard, "The Action of Primary Ionization on Enzymes and Viruses."

*August 31:* Radiation Effects (cont.)—*Chairman:* Elkan R. Blout.

J. A. V. Butler, "The Action of X-Rays and some Radiomimetic Chemicals on Desoxyribose Nucleic Acid;" Virgil L. Koenig, "Physicochemical Changes in Proteins and Nucleic Acids upon Irradiation."

## Meeting of the Southwestern Division

C. W. Botkin

*New Mexico College of Agriculture and Mechanical Arts, State College, New Mexico*

THE 27th annual meeting of the Southwestern Division of the AAAS was held in El Paso April 29–May 3, with Texas Western College as host. The first meeting of the division was held in El Paso thirty years ago, with 70 registrants and 27 papers. At the 1951 meeting 200 registered, and 96 papers were presented. The Texas and New Mexico Academies of Science, the Herpetologists League, and the El Paso Archaeological Society were also participants in the program.

Papers in the biological sciences made up half the sectional programs. The botanists held two separate sessions and a third jointly with the zoologists who, in addition, held one session and two joint sessions with the Herpetologists League. Although many of the papers were concerned with problems peculiar to the Southwest, there were also subjects of wide scientific interest in each of these fields.

The three sessions in the social sciences were concerned, for the most part, with recent archaeological studies in the Southwest. Jesse L. Nusbaum, of the U. S. Department of the Interior, Santa Fe, gave a background report on the conservation of antiquities,