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**Preliminary Program of the 17th Annual Meeting  
of the American Diabetes Association  
June 1-2, Hotel Commodore, New York City**

"Certain Aspects of the Metabolism of Glycogen" is the title of the Banting Memorial Lecture of the American Diabetes Association which will be delivered by DeWitt Stetten, Jr., M.D., at the Seventeenth Annual Meeting. The address will be given during the Scientific Session scheduled for Saturday afternoon, June 1. Dr. Stetten, who is Associate Director in Charge of Research, National Institute of Arthritis and Metabolic Diseases, National Institutes of Health, Bethesda, Maryland, will be presented with the Banting Medal at the Annual Banquet of the Association to be held that evening. The Banquet will also feature an address by Frederick W. Williams, M.D., President of the American Diabetes Association, and an address by Louis H. Bauer, Secretary General, World Medical Association.

Although a Joint Meeting per se will not be held with The Endocrine Society, this year arrangements have been made so that papers on diabetes and allied subjects (see page 217) will be presented at the session of that Society on Saturday morning, June 1, preceding the opening of the Scientific Sessions of the American Diabetes Association Saturday afternoon. The Endocrine Society Meeting will be held at the Hotel New Yorker and members of the American Diabetes Association will be admitted to that meeting without charge providing they present the ADA registration badge.

Reciprocal arrangements have been made to accommodate members of The Endocrine Society at Scientific Sessions of the American Diabetes Association. Papers of particular interest to them have been scheduled for the Saturday afternoon, June 1, session of the American Diabetes Association. The Endocrine Society's members will be admitted without charge to that session, as well as the following sessions on Sunday, June 2, by registering at the ADA desk.

Printed programs of the American Diabetes Association, containing abstracts of papers to be presented, will be available at the registration desk at \$1.00 each. All members will be sent a free copy in advance of the meeting; however, the aforementioned charge will be made for copies secured at the time of registration.

The program of the Seventeenth Annual Meeting follows, including pertinent information about the Scientific Sessions.

**Registration:**

Friday, May 31: 8:30 a.m.-7:00 p.m.  
 Saturday, June 1: 8:30 a.m.-5:30 p.m.  
 Sunday, June 2: 8:30 a.m.-5:30 p.m.

**Social Hour:** Saturday, June 1, 6:30 p.m.

**Banquet:** Saturday, June 1, 7:30 p.m.

**Annual Business Meeting:** Sunday, June 2, 2:00 p.m.

Groups scheduled to convene before the Annual Meeting include: Committees, May 29-31; Council, May 31; Board of Governors, May 31-June 1; Assembly of Delegates, June 1.

**SCIENTIFIC SESSION**

**Saturday, June 1, 2:00 p.m.**

FREDERICK W. WILLIAMS, *Presiding*

**Preliminary Studies on the Demonstration of Insulin in the Islets by the Fluorescent Antibody Technic**

PAUL E. LACY (by invitation), and JACK DAVIES (by invitation), School of Medicine, Washington University, St. Louis, Mo.

**The Pathogenetic Mechanism for "Hydropic Degeneration" of the Pancreatic  $\beta$  Cells**

SYDNEY S. LAZARUS and BRUNO W. VOLK (by invitation), Isaac Albert Research Institute, Jewish Chronic Disease Hospital and Albert Einstein Medical College, Brooklyn and Bronx, N.Y.

**The Role of the Adrenal Cortex in Diabetic Retinopathy and Nephropathy**

HAROLD RIFKIN and SEYMOUR LIEBERMAN (by invitation), Montefiore Hospital and The College of Physicians and Surgeons, Columbia University, New York, N.Y.

**BANTING MEMORIAL LECTURE**

**Certain Aspects of the Metabolism of Glycogen**

DEWITT STETTEN, JR., (by invitation), Associate Director in Charge of Research, National Institute of Arthritis and Metabolic Diseases, National Institutes of Health, Bethesda, Md.

**Influence of the Nephrotic Syndrome on Experimental Diabetes**

N. KALANT (by invitation), M. CLAMEN (by invitation), and M. M. HOFFMAN, Jewish General Hospital and McGill University, Montreal, Canada.

**A Comparison of Insulin Activity of Serum as Measured by Biologic Assay and Decay of Insulin I-131**

GEORGE W. SCOTT (by invitation), THADDEUS E. PROUT (by invitation), JOHN A. WEAVER (by invitation), and SAMUEL P. ASPER, JR., The Johns Hopkins Hospital, Baltimore, Md.

**BANQUET**

**Saturday, June 1, 7:30 p.m.**

Invocation by DEACONESS MAUDE BEHRMAN, Director, The Mercer Memorial House, Atlantic City, N.J.

Address by FREDERICK W. WILLIAMS, President  
 Presentation of the Banting Medal to DEWITT STETTEN, JR., Associate Director in Charge of Research, National Institute of Arthritis and Metabolic Diseases, National Institutes of Health, Bethesda, Md.

Presentation of the Lilly Award to SOLOMON A. BERSON, Chief, Radioisotope Service, Veterans Administration Hospital, Bronx, N.Y.

Presentation of citation to MR. and MRS. C. PAUL TILEY, St. Louis, Mo. MRS. TILEY is President of the St. Louis Diabetes Association and MR. TILEY is Chairman of the Committee on Summer Camps for Diabetic Children

Address by LOUIS H. BAUER, Secretary General, World Medical Association

## SCIENTIFIC SESSION

Sunday, June 2, 9:00 a.m.

FREDERICK W. WILLIAMS, *Presiding***Diabetes Mellitus: Peripheral Vascular Complications in a Survey of 3,600 Cases**

DAVID W. KRAMER and PAUL K. PERILSTEIN, Jefferson Medical College Hospital, Philadelphia General Hospital, and St. Luke's and Children's Medical Center, Philadelphia, Pa.

**The Occurrence of Diabetes Mellitus in Association with Primary Carcinoma of the Pancreas**

ROBERT C. GREEN, JR., ARCHIE H. BAGGENSTOSS (by invitation), and RANDALL G. SPRAGUE, Mayo Clinic and Mayo Foundation, Rochester, Minn.

**Paperchromatography, A Simple Method for the Differentiation of Sugars in the Urine**

G. R. CONSTAM, Medical Policlinic, University of Zurich, Switzerland

**Studies of the Mortality of Diabetic Acidosis**

THOMAS G. SKILLMAN (by invitation), J. RODMAN WILSON, JR., (by invitation), and HARVEY C. KNOWLES, JR., University of Cincinnati College of Medicine, Cincinnati.

**Studies with Insulin-Binding Antibody**

SOLOMON A. BERSON (by invitation), and ROSALYN S. YALOW (by invitation), Radioisotope Service, Veterans Administration Hospital, Bronx, N.Y.

**Excretion Patterns of Some B Vitamins in Diabetics with and without Degenerative Complications**

JAMES B. FIELD, DANIEL FEDERMAN (by invitation), ERNEST McDANIEL (by invitation), and HOWARD BAKERMAN (by invitation), The National Institute of Arthritis and Metabolic Diseases, National Institutes of Health, Bethesda, Md.

## PANEL DISCUSSION

**Pregnancy**

LESTER J. PALMER, Moderator, University of Washington School of Medicine and Virginia Mason Hospital, Seattle, Wash.

WILLIAM P. GIVEN (by invitation), Cornell University Medical College, New York, N.Y.

EDMUND L. SHLEVIN, State University of New York at New York City, College of Medicine

PRISCILLA WHITE, Joslin Clinic and New England Deaconess Hospital, Boston, Mass.

HUGH L. C. WILKERSON, U. S. Public Health Service, Boston, Mass.

## SCIENTIFIC SESSION

Sunday, June 2, 2:30 p.m.

JOHN A. REED, *Presiding***Histochemical Observations on Zinc in the Langerhans Islets of Rabbits after Orinase**

HELMUT MASKE (by invitation), University of Munich, Germany. Presently at: Research Laboratories, Veterans Administration Hospital, Denver, Colo.

**The Effect of the Sulfonylureas in Chronically Depancreatized Dogs**

HENRY T. RICKETTS, HENRY L. WILDBERGER and HANS SCHMID (by invitation), University of Chicago, Chicago, Ill.

**Experience with a New Orally Effective Hypoglycemic Compound (Non-Sulfur)**

ROBERT H. WILLIAMS, JEAN M. TYBERGHEIN (by invitation), ROBERT L. NIELSEN (by invitation), DONALD C. TANNER (by invitation), and HEIDI H. SWANSON (by invitation), University of Washington School of Medicine, Seattle, Wash.

**Clinical Trials with a New (Nonsulfonamide) Hypoglycemic Agent, N<sup>1</sup>-8-phenethylformamidyliminourea-HCl (DBI)**

LEO P. KRALL and RAFAEL CAMERINI-DAVALOS, Joslin Clinic and New England Deaconess Hospital, Boston, Mass.

## PANEL DISCUSSION

**Oral Hypoglycemic Agents**

ARTHUR R. COLWELL, SR., Moderator, Northwestern University Medical School, Chicago, Ill.

HENRY DOLGER, The Mount Sinai Hospital, New York, N.Y.

GARFIELD G. DUNCAN, Jefferson Medical College of Philadelphia, Philadelphia, Pa.

RACHMIEL LEVINE, Michael Reese Hospital, Chicago, Ill.

MARY K. ROOT, Lilly Research Laboratories, Indianapolis.

## BY TITLE

**Etiology, Pathology and Treatment of Diabetes Insipidus**

HARRY BLOTNER, Boston, Mass.

**Preliminary Experiences with D-860 in the Therapeutics of Diabetes Mellitus**

ARTURO CABARROU, HECTOR V. CAINO, OSCAR A. PINTADO (by invitation), and NESTOR O. BIANCHI (by invitation), Instituto General San Martin, La Plata, Argentina

**Results Obtained in La Plata (Republica Argentina) in the Treatment of 200 Diabetic Patients with BZ-55**

HECTOR V. CAINO, ARTURO CABARROU, NESTOR O. BIANCHI (by invitation), and OSCAR A. PINTADO (by invitation), Instituto General San Martin, La Plata, Argentina

**The Incidence of "Complications" in a Large Charity Diabetic Clinic**

HAROLD L. DOBSON (by invitation), HARRY S. LIPSCOMB (by invitation), JAMES A. GREENE and HUGO T. ENGELHARDT, Houston, Tex.

**One Year's Clinical Experience with Orinase Treatment in 500 Patients**

HENRY DOLGER and JOHN J. BOOKMAN (by invitation), The Mount Sinai Hospital, New York, N.Y.

**Fasting Plasma Amino Acid Values in Older Diabetic Patients**

VERNON O. ERK (by invitation), and THOMAS H. McGAVACK, New York Medical College, New York, N.Y.

**Present Day Treatment of the Pregnant Diabetic: Success or Failure?**

WILLIAM P. GIVEN (by invitation), Cornell University Medical College, New York, N.Y.

**Orinase Therapy in the Ambulatory Diabetic Patient**

ROY C. GUMPEL (by invitation), WILLIAM STONE (by invitation), ALEXANDER G. VONGRIES (by invitation), and ELAINE P. RALLI, Lenox Hill Hospital and the Third (New York University) Medical Division of Bellevue Hospital, New York, N.Y.

**The Specific Capsular and Tubular Basement Membrane Lesion of the Kidney in Diabetes Mellitus**

GORDON R. HENNIGAR and WILLIAM PATTERSON (by invitation), Medical College of Virginia, Richmond, Va.

**The Role of the Essential Fatty Acids in Lipid Metabolism in the Diabetic, with Particular Reference to Dietary Supplementation with Ethyl Esters of Linoleic Acid, and with Highly Unsaturated Phospholipids**

LAURANCE W. KINSELL, GEORGE D. MICHAELS (by invitation), GEORGE FUKAYAMA (by invitation), and STANLEY J. TALPERS (by invitation), (with the technical assistance of SADIE SMYRL, FLORENCE E. OLSON and

MARJORIE COELHO), Institute for Metabolic Research, Highland Alameda County Hospital, Oakland, Calif.

**Observations on Relationship of Diabetes Mellitus and Nutritional Liver Disease**

CARROLL M. LEEVY, Medical Center, Jersey City, N.J.

**Clinical Studies with Dextrotest—A Simplified Blood Sugar Test**

JAMES M. MOSS, Georgetown University Hospital, Washington, D.C.

**The Significance of Glycosuria and the Abnormal Glucose Tolerance Curve During Pregnancy**

PAUL PEDOWITZ (by invitation), and EDMUND L. SHLEVIN, State University of New York at New York City, College of Medicine

**Serum Glycoproteins in Juvenile Diabetes**

R. L. REEVES, J. H. CRAMPTON, HUGH JONES (by invitation), and W. J. STEENROD, JR., University of Washington School of Medicine and The Mason Clinic, Seattle, Wash.

**Public Health Aspects of Diabetes, Present and Future**

OLIVER E. TURNER, Pittsburgh, Pa.

**Evaluation of a New Test for Early Diabetes**

ROGER H. UNGER and LEONARD L. MADISON (by invitation), The University of Texas Southwestern Medical School, and Veterans Administration Hospital, Dallas, Tex.

**A Comparison of Blood Sugar Analyses by the Folin-Wu and Somogyi-Nelson Procedures**

HUGH L. C. WILKERSON, U.S. Public Health Service, Boston, Mass.

**Diagnosis of Diabetes: Findings on Glucose Tolerance Test and Meal Tolerance Tests in 328 Individuals**

HUGH L. C. WILKERSON, U.S. Public Health Service, Boston, Mass.

THE ENDOCRINE SOCIETY

Saturday, June 1, 9:00 a.m.  
Hotel New Yorker, New York City

**Diabetes and Metabolism**

LAURANCE W. KINSELL and F. D. W. LUKENS, *Chairmen*