

## ORGANIZATION SECTION

### OFFICERS AND MEMBERS OF COUNCIL, AMERICAN DIABETES ASSOCIATION, 1955-1956

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#### MEMBERS OF COUNCIL

TERM EXPIRING 1956	TERM EXPIRING 1957	TERM EXPIRING 1958
EDWARD L. BORTZ, M.D., <i>Philadelphia</i>	CHARLES H. BEST, M.D., <i>Toronto</i>	JOSEPH T. BEARDWOOD, JR., M.D., <i>Philadelphia</i>
GEORGE M. GUEST, M.D., <i>Cincinnati</i>	GARFIELD G. DUNCAN, M.D., <i>Philadelphia</i>	JOHN E. HOWARD, M.D., <i>Baltimore</i>
ROBERT L. JACKSON, M.D., <i>Columbia, Mo.</i>	BLAIR HOLCOMB, M.D., <i>Portland, Ore.</i>	ALEXANDER MARBLE, M.D., <i>Boston</i>
HUGH JETER, M.D., <i>Oklahoma City</i>	E. PERRY McCULLAGH, M.D., <i>Cleveland</i>	THOMAS P. SHARKEY, M.D., <i>Dayton</i>
FRANCIS D. W. LUKENS, M.D., <i>Philadelphia</i>	HERBERT POLLACK, M.D., <i>New York</i>	JOHN H. WARVEL, M.D., <i>Indianapolis</i>
E. PAUL SHERIDAN, M.D., <i>Denver</i>	EDWIN L. RIPPY, M.D., <i>Dallas</i>	ROBERT H. WILLIAMS, M.D., <i>Seattle</i>

#### PAST PRESIDENTS

FRANK N. ALLAN, M.D., *Boston*; RANDALL G. SPRAGUE, M.D., *Rochester, Minn.*;  
HENRY B. MULHOLLAND, M.D., *Charlottesville, Va.*

## Preliminary Program of the 16th Annual Meeting of the American Diabetes Association June 9-10, The Drake, Chicago, Illinois

William C. Stadie, M.D., Professor of Research Medicine, The John Herr Musser Department of Research Medicine, University of Pennsylvania School of Medicine, Philadelphia, Pennsylvania, will deliver the Banting Memorial Lecture of the American Diabetes Association at its Sixteenth Annual Meeting. His address, entitled "Recent Advances in Insulin Research," will be delivered at 10:30 a.m. during the Scientific Session scheduled for Saturday morning, June 9. Dr. Stadie, who is the new editor of *DIABETES*, will be presented with the Banting Medal at the Annual Banquet of the Association to be held that evening.

The program of the Sixteenth Annual Meeting follows, including pertinent information about the Scientific Sessions. It is important to note that the first Scientific Session will be held *Saturday morning instead of Saturday afternoon as has been customary*, and that *there will be no Joint Meeting this year with The Endocrine Society*.

#### Registration:

Friday, June 8: 8:30 a.m.-7:00 p.m.  
Saturday, June 9: 8:30 a.m.-5:30 p.m.  
Sunday, June 10: 8:30 a.m.-5:30 p.m.

**Social Hour:** Saturday, June 9, 6:30 p.m.

**Banquet:** Saturday, June 9, 7:30 p.m.

**Annual Business Meeting:** Sunday, June 10, 2:00 p.m.

Groups scheduled to convene before the Annual Meeting include: Committees, June 6 and 7; Council, June 8; Board of Governors, June 8-9; Assembly of Delegates; June 9.

## SCIENTIFIC SESSION

Saturday, June 9, 9:00 a.m.

*HENRY T. RICKETTS, Presiding***Preliminary Observations of the Effect of Amphenone in Diabetes**

JOSEPH J. HOET (by invitation), ALBERT E. RENOLD, GEORGE W. THORN and ROY HERTZ (by invitation), Harvard Medical School and Peter Bent Brigham Hospital, Boston, Mass., and the National Cancer Institute of the National Institutes of Health, Washington, D. C.

**Steroid Diabetes in the Cat**

JOHN BUSE (by invitation), KARE GUNDERSEN and FRANCIS D. W. LUKENS, George S. Cox Medical Research Institute, University of Pennsylvania School of Medicine, Philadelphia, Pa.

**Changes in the Serum Proteins and Polysaccharides in Rats with Long-Term, Uncontrolled Diabetes**

ELIZABETH F. TULLER (by invitation), NANCY NICHOLS, PIERRE MOINAT (by invitation), and ALEXANDER MARBLE, Baker Clinic Research Laboratory and Harvard Medical School, Boston, Mass.

**Inhibition of Insulin Action by Serum Gamma Globulin**

ARTHUR R. COLWELL, Northwestern University Medical School, Chicago, Ill., and ROBERT W. WEIGER (by invitation), Passavant Memorial Hospital, Chicago, Ill.

**BANTING MEMORIAL LECTURE****Recent Advances in Insulin Research**

WILLIAM C. STADIE, Professor of Research Medicine, The John Herr Musser Department of Research Medicine, University of Pennsylvania School of Medicine, Philadelphia, Pa.

**Relative Diabetogenicity of Prednisone, Prednisolone, and Cortisone in Human Beings: The Effect of Heredity on Response to Gluco-Corticoids**

KELLY M. WEST, University of Oklahoma School of Medicine and Veterans Administration Hospital, Oklahoma City, Okla.

MARCH-APRIL, 1956

## BANQUET

Saturday, June 9, 7:30 p.m.

Address by HENRY T. RICKETTS, President

Presentation of the Banting Medal to WILLIAM C. STADIE, Professor of Research Medicine, The John Herr Musser Department of Research Medicine, University of Pennsylvania School of Medicine, Philadelphia, Pa.

Presentation of the Banting Medal to L. H. NEWBURGH, Professor Emeritus of Clinical Investigation, University of Michigan Medical School, Ann Arbor, Mich.

Response by CECIL STRIKER on behalf of Doctor NEWBURGH

Presentation of citation to MRS. EARL R. HOOVER, Vice President, The Diabetes Association of Greater Cleveland, by EDWIN W. GATES, Chairman, Assembly of Delegates, American Diabetes Association

Address by ALFRED E. EMERSON, Professor of Zoology, University of Chicago, Chicago, Ill., "Social Homeostasis"

## SCIENTIFIC SESSION

Sunday, June 10, 9:00 a.m.

*HENRY T. RICKETTS, Presiding***The Personality and Intelligence of Diabetics**

A. J. KUBANY (by invitation), T. S. DANOWSKI, and C. MOSES, Presbyterian and Children's Hospital, and the Addison H. Gibson Laboratory of the University of Pittsburgh, School of Medicine, Pittsburgh, Pa.

**Observations on the Cause and Mechanism of Insulin Resistance During Diabetic Acidosis**

JAMES B. FIELD, and DEWITT STETTEN, JR., (by invitation), National Institutes of Health, Bethesda, Md.

**Natural Course and Prognosis of Juvenile Diabetes**

PRISCILLA WHITE, Tufts College Medical School and Joslin Clinic, Boston, Mass.

**The Relative Importance of Duration and Control in the Development of Diabetic Retinopathy**

ROBERT C. HARDIN, THEODORE L. JOHNSTON (by invitation), HELEN G. KELLY, M.S., (by invitation), University Hospital and State University of Iowa College of Medicine, Iowa City, Iowa, and ROBERT L. JACKSON, University of Missouri School of Medicine, Columbia, Mo.

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ORGANIZATION SECTION

**Study of Abnormal Carbohydrate Metabolism in Pregnancy**

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

**Spontaneous Hypoglycemia as a Manifestation of Early Diabetes Mellitus**

HOLBROOKE S. SELTZER, STEFAN S. FAJANS and JEROME W. CONN, University Hospital, Ann Arbor, Mich.

PANEL DISCUSSION

**Unstable Diabetes**

ALEXANDER MARBLE, Moderator, Harvard Medical School and Joslin Clinic, Boston, Mass.

ROBERT L. JACKSON, University of Missouri School of Medicine and University Hospitals, Columbia, Mo.

E. PAUL SHERIDAN, University of Colorado Medical Center and St. Luke's Hospital, Denver, Colo.

GEORGE M. GUEST, University of Cincinnati College of Medicine and Cincinnati Children's Hospital, Cincinnati, Ohio.

GARFIELD G. DUNCAN, Jefferson Medical College, Pennsylvania Hospital and Benjamin Franklin Clinic, Philadelphia, Pa.

SCIENTIFIC SESSION

Sunday, June 10, 2:30 p.m.

FREDERICK W. WILLIAMS, *Presiding*

**On the Mechanism of the Effect of Muscular Work on the Hyperglycemia of Diabetes**

RACHMIEL LEVINE (by invitation), M. S. GOLDSTEIN (by invitation), and I. FRITZ (by invitation), Michael Reese Hospital, Chicago, Ill.

PANEL DISCUSSION

**Vascular Disease**

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

BERNARD BECKER, Washington University, School of Medicine, St. Louis, Mo.

PHILIP M. LECOMPTE (by invitation), The Faulkner Hospital, Boston, Mass.

FORREST E. KENDALL (by invitation), Goldwater Memorial Hospital, New York, N. Y.

LOUIS K. ALPERT, George Washington University School of Medicine and Veterans Administration Hospital, Washington, D. C.

**Clinical and Pharmacological Effects of N<sup>1</sup>-(n-Butylcarbonyl) sulfanilamide (Substance BZ-55) in Diabetes**

W. R. KIRTLEY, A. S. RIDOLFO (by invitation), M. A. ROOT, and R. C. ANDERSON (by invitation), Lilly Laboratory for Clinical Research and Lilly Research Laboratories, Indianapolis, Ind.

**Studies of the Actions of Oral Antidiabetic Compounds**

R. W. COX (by invitation), ELAINE D. HENLEY (by invitation), E. B. FERGUS (by invitation), and ROBERT H. WILLIAMS, University of Washington School of Medicine, Seattle, Wash.

DISCUSSION OF BOTH OF THE ABOVE PAPERS

FREDERICK M. ALLEN, New York Polyclinic Medical School and Hospital, New York, N. Y.

GARFIELD G. DUNCAN, Jefferson Medical College, Pennsylvania Hospital and Benjamin Franklin Clinic, Philadelphia, Pa.

HOWARD F. ROOT, Harvard Medical School and New England Deaconess Hospital, Boston, Mass.

RACHMIEL LEVINE (by invitation), Michael Reese Hospital, Chicago, Ill.

CHARLES H. BEST, University of Toronto Faculty of Medicine, Toronto, Ontario, Canada.

BY TITLE

**Xanthoma and Diabetes Mellitus: A Reevaluation of Xanthoma Diabeticorum**

DAVID ADLERSBERG, GERALD BRILL (by invitation), CHUN-I WANG (by invitation), and ELAINE T. BOSSAK (by invitation), The Mount Sinai Hospital, New York, N. Y.

**A Comparison of the Incidence of Cancer in Non-diabetics and in Diabetics**

E. T. BELL, The Medical School, University of Minnesota, Minneapolis, Minn.

**The Determination and Significance of Serum Mucoprotein and Mucopolysaccharide in Degenerative Vascular Disease Associated with Diabetes Mellitus**

J. M. B. BLOODWORTH, JR., and GEORGE J. HAMWI, Ohio State University College of Medicine, Columbus, Ohio.

**The Histopathology of Human and Experimental Retinal Microaneurysms**

J. M. B. BLOODWORTH, JR., and GEORGE J. HAMWI, Ohio State University College of Medicine, Columbus, Ohio.

**Quantitative Lipoprotein Studies in Diabetic and Other Subjects Using Combined Paper Electrophoretic and Chemical Techniques**

FREDERICK R. BROWN, JR., (by invitation), GEORGE D. MICHAELS (by invitation), FUDEKO MARUYAMA (by invitation), and LAURANCE W. KINSELL, with the technical assistance of SADIE SMYRL (by invitation), and JUNE BILISOLY (by invitation), Institute for Metabolic Research, Highland Alameda County Hospital, Oakland, Calif.

**Clinical Experience with Ultra-Lente Insulin**

M. DAVID DEREN, St. Vincent's Hospital, Bridgeport, Conn., and Yale University School of Medicine, New Haven, Conn.

**Clinical Experience with U-2043, Sulfonylurea (Orinase)**

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

**Metabolic Effects of Oral Hypoglycemic Aryl Sulfonylurea Compounds (BZ-55 and U-2043)**

STEFAN S. FAJANS, JEROME W. CONN, LAWRENCE H. LOUIS (by invitation), HOLBROOKE S. SELTZER, ROBERT D. JOHNSON, ROBERT D. GITTLER, ALLEN R. HENNES (by invitation), BERNARDO L. WAJCHENBERG (by invitation), and IRVING P. ACKERMAN (by invitation), University of Michigan Medical School, Ann Arbor, Mich.

**Some Observations Which Relate to the Management of Infants Born to Diabetic and "Pre-Diabetic" Mothers**

ALFRED E. FISCHER, and RALPH E. MOLOSHOK (by invitation), The Mount Sinai Hospital, New York, N. Y.

**Glucagon and Liver Glycogen**

PIERO P. FOA, ERMINIO COSTA (by invitation), and GIORGIO GALANSINO (by invitation), The Chicago Medical School, Chicago, Ill.

**The Effects of Diets Containing Relatively Large Amounts of Unsaturated Fat Upon Lipid Metabolism in Diabetic Patients**

ROGER W. FRISKEY (by invitation), GEORGE D. MI-

CHAELS (by invitation), FUDEKO MARUYAMA (by invitation), and LAURANCE W. KINSELL, with the technical assistance of SADIE SMYRL (by invitation), FLORENCE OLSON (by invitation), and MARJORIE COELHO (by invitation), Institute for Metabolic Research, Highland Alameda County Hospital, Oakland, Calif.

**Alteration of Carbohydrate Metabolism in Patients with Cancer**

ARVIN S. GLICKSMAN (by invitation), Memorial Hospital and R. W. RAWSON (by invitation), Memorial Hospital and Cornell University Medical College, New York, N. Y.

**Evidence That an Oral Hypoglycemic Agent (U-2043) Acts as an Insulin**

FREDERICK C. GOETZ, A. SIGRID GILBERTSEN (by invitation), and VALERIE JOSEPHSON, B.S., (by invitation), The Medical School, University of Minnesota, Minneapolis, Minn.

**The Distribution of Radioiodinated Glucagon in Rats**

ELAINE D. HENLEY (by invitation), ROBERT W. COX (by invitation), H. T. NARAHARA and ROBERT H. WILLIAMS, University of Washington School of Medicine, Seattle, Wash.

**Studies on the Interrelationships of the Adrenal Cortex and Diabetes Mellitus. I. Metabolic Effects of ACTH in Unstable Diabetics**

JOSEPH L. IZZO, with the assistance of CECILIA KELLNER, B.S., (by invitation), ALFREDA SUSKIE, B.S., (by invitation), ANN EILERS, B.S., (by invitation), and ANGELA RONCONE, B.S., (by invitation), University of Rochester School of Medicine and Dentistry, and Rochester Medical Center, Rochester, N. Y.

**Inhibiting Effect of Renal Extract (Tubulin) on Steroid Diabetes**

BENJAMIN JABLONS, and ALFONS BUSZA (by invitation), Goldwater Memorial Hospital, New York, N. Y.

**Clinical Experiences with 'BZ-55' (N<sup>1</sup>-(n-Butyl-carbamyl) Sulfanilamide)**

CHARLES JOINER (by invitation), Pennsylvania Hospital, and GARFIELD G. DUNCAN, Benjamin Franklin Clinic and Pennsylvania Hospital, Philadelphia, Pa.

**Alterations in the Renal Threshold for Sugar by Cortisone and Growth Hormone**

THOMAS H. MCGAVACK, New York Medical College, New York, N. Y.

### The Effects of a Gradually Increased Carbohydrate Load on the Carbohydrate Tolerance of Patients with Diabetes Mellitus

THOMAS H. MCGAVACK, New York Medical College, New York, N. Y.

### Further Considerations of the Insulin Paradox

RICHARD M. MCKEAN, and ROBERT H. HAMBURG (by invitation), Harper Hospital, Detroit, Mich.

### The Use of Orinase in the Management of Various Types of Diabetes Mellitus and its Influence on the Pancreatic Content and Peripheral Effect of Glucagon

MAX MILLER, JAMES W. CRAIG (by invitation), JACQUES BERTHET (by invitation), MAYNARD MAKMAN (by invitation), EARL W. SUTHERLAND, JR., (by invitation), SHERWIN J. COOPERSTEIN (by invitation), and MALCOLM S. MACKENZIE (by invitation), Western Reserve University School of Medicine, Cleveland, Ohio.

### The Effects of Continuous Fructose Feeding in Diabetic Patients

JOHN A. MOORHOUSE (by invitation), and ROBERT M. KARK (by invitation), Presbyterian Hospital, Cook County Hospital, and University of Illinois Hospitals, Chicago, Ill.

### Studies on the Mechanism of Insulin Action

ROBERT L. REEVES, University of Washington School of Medicine and The Mason Clinic, RANDOLPH CLEMENTS (by invitation), The Mason Clinic, and JOSEPH H. CRAMP-  
TON, WILLIAM J. STEENROD and LESTER J. PALMER, University of Washington School of Medicine and The Mason Clinic, Seattle, Wash.

### The Effect of Vitamin B<sub>12</sub> Upon Insulin Requirement in Diabetes Mellitus With and Without Degenerative Complications

LEON S. SMELO, BETTY PENDLETON (by invitation), LEMUEL D. WRIGHT (by invitation), S. CLYDE STRICKLAND (by invitation), and WILLIAM P. BOGER (by invitation), Medical Diagnostic Clinic, Birmingham, Alabama; Norristown State Hospital, Norristown, Pa., and Research Laboratories, Sharp and Dohme, Division of Merck and Company, West Point, Pa.

### A Modified Guillotine Amputation. Follow-Up of 50 Diabetics from 1930-1950

BEVERLY CHEW SMITH, New York, N. Y.

### Galactose Utilization in Patients with Disturbances of Carbohydrate Metabolism

ALBERT I. WINEGRAD (by invitation), E. RUDOLF FROESCH (by invitation), and ALBERT E. RENOLD, Harvard Medical School and the Peter Bent Brigham Hospital, Boston, Mass.

### Changes in the Hypoglycemic Effect of PZI-Insulin Mixtures Through Alterations of pH

L. WISLICKI (by invitation), Hebrew University, Hadassah Medical School, Jerusalem, Israel.

### The Effects of Parabutamine (N<sub>1</sub>-Sulfanylyl-N<sub>2</sub>-n-Butylcarbamide) on Human Diabetic Metabolism. I. Clinical Studies.

JAMES T. WORTHAM, ROSLYN WIENER (by invitation), and WILLIAM H. PERKINS (by invitation), University of Arkansas School of Medicine, Little Rock, Ark.

### FIFTH POSTGRADUATE COURSE: Jan. 23-25, 1957

The Fifth Postgraduate Course on Diabetes and Basic Metabolic Problems will be held by the American Diabetes Association Wednesday through Friday, Jan. 23-25, 1957, at the Ohio State Health Center, Columbus, Ohio. The Course is under the direction of George J. Hamwi, M.D.

### FOURTH POSTGRADUATE COURSE

The Fourth Postgraduate Course on Diabetes and Basic Metabolic Problems sponsored by the American Diabetes Association was held in Dallas, Texas, Jan. 25-27, 1956, in cooperation with the Southwestern Medical School of the University of Texas, the Dallas Academy of Internal Medicine, and the Dallas Diabetes Association. The Course was developed by the Association's Committee on Professional Education under the Chairmanship of Garfield G. Duncan, M.D., and was directed by Edwin L. Rippey, M.D., Associate Professor of Clinical Medicine, Southwestern Medical School of the University of Texas and Baylor University Hospital, Dallas.

Members of the Local Committee on Arrangements were: Lawrence Cameron, M.D., David W. Carter, Jr., M.D., John S. Chapman, M.D., Leonard J. Flohr, M.D., Jabez Galt, M.D., Arthur Grollman, M.D., E. Russell Hayes, M.D., George M. Jones, M.D., Robert K. Portman, M.D., and Donald W. Seldin, M.D.

The comments of some of those who attended illustrate the success of the Course.

"The general Course is very instructive and im-