

ORGANIZATION SECTION

OFFICERS AND MEMBERS OF COUNCIL, AMERICAN DIABETES ASSOCIATION, 1957-1958

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MEMBERS OF COUNCIL

TERM EXPIRING 1958	TERM EXPIRING 1959	TERM EXPIRING 1960
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ARTHUR R. COLWELL, SR., M.D., <i>Chicago</i>	W. WALLACE DYER, M.D., <i>Philadelphia</i>	THADDEUS S. DANOWSKI, M.D., <i>Pittsburgh</i>
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ROBERT H. WILLIAMS, M.D., <i>Seattle</i>	E. PAUL SHERIDAN, M.D., <i>Denver</i>	LEON S. SMELO, M.D., <i>Birmingham</i>

PAST PRESIDENTS

HENRY B. MULHOLLAND, M.D., *Charlottesville, Va.*;
HENRY T. RICKETTS, M.D., *Chicago*; FREDERICK W. WILLIAMS, M.D., *New York*

Program of the 18th Annual Meeting of the American Diabetes Association June 21-22, Hotel Mark Hopkins, San Francisco, California

"The Prediabetic State in Man: Definition, Interpretation and Implications," is the title of the Banting Memorial Lecture of the American Diabetes Association which will be delivered by Jerome W. Conn, M.D., at the Eighteenth Annual Meeting. The Lecture will be given from 11 a.m.—12 noon during the Scientific Session, Saturday morning, June 21. Dr. Conn is Professor of Medicine and Director of the Metabolism and Research Unit, University of Michigan Medical School; and Chief, Department of Endocrinology and Metabolism, University Hospital, Ann Arbor, Michigan. He will be presented with the Banting Medal at the Annual Banquet of the Association to be held that evening. Also the 1958 Lilly award will be presented at the Banquet to James B. Field, M.D., of the National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland. The Annual Award, supported by Eli Lilly and Company, consists of \$1,000 and a medal. Its purpose is to recognize demonstrated research in the field of diabetes, taking into consideration independence of thought and originality. John A. Reed, M.D., President of the American Diabetes Association, will deliver the Presidential Address. The principal speaker will be Mr. William H. Thompson, Jr., of the Union Oil Company of California.

Organizational meetings which have been scheduled for Saturday, June 21, include: Luncheon for Lay Delegates, 12:30 p.m.—1:30 p.m.; Assembly of Delegates, 1:30 p.m.—3:00 p.m.; Board of State Governors, 3:30 p.m.—5:00 p.m.; Special Program for Lay Delegates, 3:30 p.m.—5:00 p.m.

Although a Joint Meeting per se will not be held with The Endocrine Society, arrangements have been made so that each organization will mutually recognize the badges of the other. Endocrine Society members therefore may attend the Scientific Sessions of the American Diabetes Association and ADA members may attend sessions on diabetes of The Endocrine Society without charge by presenting their respective registration badges at the time of admission. The program of The Endocrine Society on Friday afternoon, June 20, will be on "Diabetes and Metabolism," and a panel discussion entitled "Clinical Treatment of Diabetes" will be presented on Saturday, June 21, from 3:30 p.m. to 5:00 p.m.

The printed program 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 additional copies secured at the time of registration.

The program of the Eighteenth Annual Meeting follows, including pertinent information about the Scientific Sessions:

Registration: Friday, June 20, 2:00 p.m.—7:00 p.m.
Saturday, June 21, 8:30 a.m.—5:00 p.m.
Sunday, June 22, 8:30 a.m.—5:30 p.m.
Social Hour: Saturday, June 21, 6:30 p.m.
Banquet: Saturday, June 21, 7:30 p.m.
Annual Business Meeting: Sunday, June 22, 2:00 p.m.

ORGANIZATION SECTION

SCIENTIFIC SESSIONS

Saturday, June 21, 9:00 a.m.

JOHN A. REED, Presiding

1. **Hyperglycemic Effects of Glucocorticoids in Man**
KELLY M. WEST, University of Oklahoma School of Medicine and the Veterans Administration Hospital, Oklahoma City, Okla.

2. **Comparative Metabolism of Sorbitol and Fructose in Normal and Diabetic Subjects**

ALBERT E. RENOLD, JEAN-PIERRE FELBER (by invitation), BURIS BOSHELL, DONALD B. MARTIN (by invitation), and GEORGE W. THORN, Baker Clinic Research Laboratory, Harvard Medical School, Boston, Mass.

3. **Specific Diabetic Vascular Lesions of the Lower Extremity: A Clinical and Pathological Correlation**

SIDNEY GOLDENBERG, MORRIS ALEX (by invitation), and HERMAN T. BLUMENTHAL (by invitation), The Jewish Hospital and St. Louis University and Washington University Schools of Medicine, St. Louis, Mo.

4. **Electron Microscopy of the Effects of Glucagon on the Pancreas of Rats**

PAUL E. LACY, A. F. CARDEZA (by invitation), and WILLIAM D. WILSON (by invitation), Washington University School of Medicine, St. Louis, Mo.

5. **Pancreatic Adaptation to Diabetogenic Hormones**

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

BANTING MEMORIAL LECTURE

The Prediabetic State in Man: Definition, Interpretation and Implications

JEROME W. CONN, Professor of Medicine and Director of the Metabolism and Research Unit, University of Michigan Medical School; Chief, Department of Endocrinology and Metabolism, University Hospital, Ann Arbor, Mich.

6. **Insulin-like Activity of Normal and Diabetic Human Serum**

PAUL M. BEIGELMAN, University of Southern California School of Medicine and Los Angeles County General Hospital, Los Angeles, Calif.

7. **The Use of Rat Adipose Tissue for the Measurement of Insulin-like Activity**

DONALD B. MARTIN (by invitation), ALBERT E. RENOLD and YVES M. DAGENAIS (by invitation), Baker Clinic Research Laboratory, Harvard Medical School, Boston, Mass.

Discussion of papers 6 and 7 opened by FRANCIS D. W. LUKENS, George S. Cox Medical Research Institute, University of Pennsylvania, Philadelphia, Pa.

8. **Structure and Function in Diabetic Nephropathy: The Importance of Diffuse Glomerulosclerosis**

DEREK D. GELLMAN (by invitation), CONRAD L. PIRANI (by invitation), JOHN F. SOOTHILL (by invitation), ROBERT C. MUEHRCKE (by invitation), WILLIAM MADUROS (by invitation), and ROBERT M. KARK (by invitation), Presbyterian—St. Luke's, Cook County and the Research and Educational Hospitals, and the University of Illinois College of Medicine, Chicago, Ill.

Sunday, June 22, 9:00 a.m.

JOHN A. REED, Presiding

9. **The Effect of Glucose and Insulin on Amino-Acid Incorporation into Muscle Protein**

IRA G. WOOL and M. E. KRAHL, University of Chicago, Chicago, Ill.

10. **Extrahepatic Oxidation of Palmitic Acid in the Diabetic Rat: Its Regulation by Insulin**

W. J. LOSSOW (by invitation), R. HILL (by invitation), and I. L. CHAIKOFF, University of California School of Medicine, Berkeley, Calif.

11. **Studies of Abnormal Fat Metabolism in Patients with Diabetes Mellitus**

THOMAS N. ROBERTS (by invitation), The New York Hospital, New York, N.Y.

12. **Relationship between Dietary Fat Content and Blood Lipids in Two**

Well Controlled Diabetic Subjects
F. C. GOETZ, GEORGE SCHROEPFER, JR., (by invitation), and BRADFORD FRIEDRICH (by invitation), University of Minnesota Medical School, Minneapolis, Minn.

13. **Use of Special Diets in Diabetic and Nondiabetic Patients with Peripheral Vascular Disease and in Diabetic Patients with Retinal and Renal Disease**

L. W. KINSELL, G. D. MICHAELS (by invitation), S. SPLITTER (by invitation), and P. WHEELER (by invitation), Institute for Metabolic Research, Highland Alameda County Hospital, Oakland, Calif.

Discussion on Fat Metabolism (papers 9-13) opened by HENRY T. RICKETTS, University of Chicago, Chicago, Ill.

14. **The Effect of Prior Carbohydrate Intake on the Oral Glucose Tolerance Test**

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

15. **Clinical and Laboratory Studies on Insulin Resistance**

DACE B. MITCHELL (by invitation), GEROLD M. GRODSKY (by invitation), TOSHIO TORII (by invitation), VINCENT C. Di RAIMONDO (by invitation), and PETER H. FORSHAM, University of California School of Medicine, San Francisco, Calif.

16. **Observations Concerning a Humoral Insulin Antagonist During Diabetic Ketosis**

JAMES B. FIELD, National Institute of Arthritis and Metabolic Diseases, National Institutes of Health, Bethesda, Md.

Sunday, June 22, 2:30 p.m.

ALEXANDER MARBLE, Presiding

17. **Effects of 2-Deoxyglucose on Glucose Metabolism in the Rat and on the Hypoglycemic Response to Tolbutamide**

JOSIAH BROWN (by invitation), and HOWARD L. BACHRACH (by invitation), University of California School of Medicine at Los Angeles, Calif.

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18. **The Role of the Anterior Pituitary in the Response of Animals to Tolbutamide**
W. E. DULIN (by invitation), and W. L. MILLER, JR., (by invitation), Research Laboratories, The Upjohn Company, Kalamazoo, Mich.
19. **Effects of Insulin and Tolbutamide on the Turnover Rate of Blood Glucose in Humans**
A. GERSON JACOBS (by invitation), GEORGE A. REICHARD (by invitation), EDWARD H. GOODMAN, JR., (by invitation), BERNICE FRIEDMANN (by invitation), and SIDNEY WEINHOUSE, The Albert Einstein Medical Center and the Institute for Cancer Research, Fox Chase, Philadelphia, Pa.
20. **Long-term Clinical and Laboratory Studies in Diabetic Patients Treated with Tolbutamide**
WILLIAM W. H. POTE, JR., ELMER A. ANDERSON (by invitation), and BURT COCHRAN, JR., (by invitation), College of Medical Evangelists, Los Angeles, Calif.
21. **Pharmacology of N-(p-Chlorophenylsulfonyl)-N'-n-propylurea (Chlorpropamide)**
MARY A. ROOT, The Lilly Research Laboratories, Eli Lilly and Company, Indianapolis, Ind.
22. **Clinical Use of the Biguanides and Their Role in Stabilizing Juvenile-Type Diabetes**
LEO P. KRALL and PRISCILLA WHITE, Joslin Clinic, Boston, Mass.
- Discussion of Oral Hypoglycemic Compounds (papers 17-22) opened by ALEXANDER MARBLE, Harvard Medical School, Joslin Clinic and New England Deaconess Hospital, Boston, Mass.

BY TITLE

- Diabetes of Twenty or More Years' Duration Studied in a Large County Hospital**
RICHARD E. BAILEY (by invitation), BURT COCHRAN, JR., (by invitation), and EUGENE BERMAN, University of Southern California School of Medicine, College of Medical Evangelists, and the Los Angeles County Hospital, Los Angeles, Calif.
- Antibiotic Patterns of Organisms Recovered from Diabetic and Nondiabetic Urine**
EUGENE E. BERMAN and MARJORIE BIDDLE (by invitation), Los Angeles County Hospital and University of Southern California School of Medicine, Los Angeles, Calif.
- Effects of Estrogen on Diabetic and/or Hyperlipemic Humans**
EDWIN BOYLE, JR., Medical Collège Hospital, Charleston, S. C.
- Hypophysectomy for Diabetic Sequelae**
JOHN B. BRYAN, W. L. LOWRIE, W. E. REDFERN and FRED W. WHITEHOUSE, Henry Ford Hospital, Detroit, Mich.
- The Effect of Denervation on the Insulin Sensitivity of the Rat Diaphragm**
MARIA GORDON BUSE (by invitation), JOHN F. BUSE (by invitation), and OLLIE SMITHWICK (by invitation), Medical College of South Carolina, Charleston, S. C.
- Acute Effects of Insulin on Lipemia and Ketonemia of Pancreatectomized Rats**
SIDNEY S. CHERNICK (by invitation), and ROBERT O. SCOW (by invitation), National Institute of Arthritis and Metabolic Diseases, National Institutes of Health, Bethesda, Md.
- Effect of Exercise on Glucose Utilization of Young Normal and Diabetic Subjects**
JEAN CHRISTOPHE (by invitation), and JEAN MAYER (by invitation), Harvard School of Public Health, Boston, Mass.
- Control of Pancreatic Endocrine Function by Glucose**
ARTHUR R. COLWELL, JR., and ROBERT METZ (by invitation), Northwestern University Medical School, Chicago, Ill.
- The Influence of Phenethylbiguanide (DBI) on the Metabolism of Lactic Acid in Diabetic Patients**
JAMES W. CRAIG, MAX MILLER and HIRAM WOODWARD, JR., (by invitation), Western Reserve University School of Medicine, Cleveland, Ohio
- Metabolic Effects of Phenethylformamidinyliminourea (DBI) in Normal Subjects and in Diabetic Patients**
STEFAN S. FAJANS, JOHN A. MOORHOUSE, H. DOORENBOS (by invitation), LAWRENCE H. LOUIS (by invitation), and JEROME W. CONN, University of Michigan Medical School, Ann Arbor, Mich.
- An Immuno-Chemical Method for the Determination of the Serum Level of Insulin**
RICHARD J. FEINBERG (by invitation), University of Pennsylvania School of Medicine, Philadelphia, Pa., and University of Illinois Research and Educational Hospital, Chicago, Ill.
- Mechanism of the Glucosuria Produced by Repeated Injections of Glucagon in Normal Subjects**
JEAN-PIERRE FELBER (by invitation), and THEODORE B. VAN ITALLIE, Harvard School of Public Health, Harvard Medical School and the Peter Bent Brigham Hospital, Boston, Mass.
- The Late Puerperal Glucose Tolerance of Mothers of Large Infants**
PALMER H. FUTCHER, ALLAN L. HASLUP (by invitation), and BROCK O. NUGENT (by invitation), The Johns Hopkins University School of Medicine and Hospital, Baltimore, Md.
- Maternal Prediabetes as a Cause of the "Unexplained" Stillbirth**
W. P. U. JACKSON (by invitation), University of Cape Town, South Africa.
- Clinical Observations with Phenethylbiguanide (DBI)**
THOMAS H. LAMBERT, Scripps Clinic and Research Foundation, La Jolla, Calif.
- Nineteen Months' Clinical Experience with a New Hypoglycemic Drug**
JULIUS POMERANZE, New York Medical College—Metropolitan Medical Center, and Bird S. Coler Memorial Hospital, New York, N. Y.
- Prediagnosis Diabetes**
JULIUS POMERANZE, New York Medical College—Metropolitan Medical Center, and Bird S. Coler Memorial Hospital, New York, N. Y.
- Turnover and Oxidation of Plasma Glucose in Humans as Influenced by Insulin and Tolbutamide**
G. L. SEARLE (by invitation), G. E.

ORGANIZATION SECTION

MORTIMORE (by invitation), R. BUCKLEY (by invitation), and W. A. REILLY (by invitation), Veterans Administration Hospital, San Francisco, Calif.

Neuropathic (Charcot) Joints Occurring in Diabetes Mellitus
WILLIAM M. SHEPPE, The Wheeling Clinic, Wheeling, W. Va.

The Effect of Insulin on Serum Lipoprotein Concentrations in Diabetic Patients

E. H. STRISOWER (by invitation), R. WEED (by invitation), J. W. GOFMAN (by invitation), B. STRISOWER (by invitation), and O. de LALLA (by invitation), University of California, Berkeley, Calif.

The Intravenous Tolbutamide Response Test as a New Test in the Diagnosis of Mild Diabetes: Evaluation in 242 Subjects

ROGER H. UNGER and LEONARD L. MADISON, University of Texas Southwestern Medical School and the Veterans Administration Hospital, Dallas, Tex.

Diabetes in Industry

LEO WADE, Esso Standard Oil Company, New York, N. Y.

Preliminary Clinical Observation on the Use of

N-B-Phenethylformamidinyliminourea (DBI) as an Oral Hypoglycemic Substance

CHARLES WELLER and ALICE MAC-

AULAY (by invitation), Grasslands Hospital, Valhalla, N. Y.

Depression of Glucagon Induced Hyperglycemia by 17-Ethyl-19 Nor-Testosterone

SHIRLEY WEISENFELD and MARTIN G. GOLDNER, Jewish Chronic Disease Hospital, Brooklyn, N. Y.

The Effect of 6-Deoxy-6-fluoroglucose on the Metabolism of Glucose

ARNE N. WICK (by invitation), GEORGE S. SERIF (by invitation), ELLEN LARSON (by invitation), and CHARLES J. STEWART (by invitation), Scripps Clinic and Research Foundation and San Diego State College, La Jolla and San Diego, Calif.

ADA RESEARCH FELLOWSHIP

The Committee on Research and Fellowships of the American Diabetes Association announces that it will award at least one Fellowship for the academic year 1959-60. The deadline for applications is Nov. 15, 1958. Requests for application forms and other inquiries should be addressed to Mr. J. Richard Connelly, Executive Director, who will forward the information to the Committee.

NEW MEMBERS

Active

The following were elected as of April 1, 1958, and May 1, 1958:

California

Munson, Ralph E. Menlo Park

Colorado

Elrick, Harold Denver

Florida

Abelove, William A. Miami
Collins, Grover C. Palatka
Schneider, Irvin C. Jacksonville
Terragni, Manlio Miami
Warren, Lyman O. St. Petersburg
Werblow, Sol C. Miami Beach

Georgia

Bramblett, Rupert H. Cumming
Clark, Sarah L. Augusta
Davidson, Charles W. Decatur
Kane, Eugene C. St. Simons Island
Parks, Harry Atlanta
Raiford, Morgan B. Atlanta
Victor, Jules, Jr. Savannah
Wilmer, J. Grant Atlanta

Illinois

Chertack, Melvin M. Chicago

Indiana

Hinshaw, Horace D. La Porte
Rubright, Robert L. Hammond

Kentucky

Tillett, Robert S. Louisville

Maine

Storer, Daniel P. Portland

Maryland

D'Antonio, Joseph Baltimore
Kress, Milton B. Baltimore

Massachusetts

Hadley, William B. Boston

Michigan

Bryan, John B. Detroit
Wilson, Doyle E. Kalamazoo

Mississippi

Barnes, George S. Columbus

Missouri

Levin, Marvin E. St. Louis
Vacca, Joseph B. St. Louis

New York

Clinton, Marshall Buffalo
Dumm, Mary E. New York
Martus, Grace R. Rockaway Beach
Montgomery, Warren R. Buffalo
Van Itallie, Theodore B. New York

North Carolina

Gridley, Timothy H. Fayetteville
Merritt, Jesse F. Greensboro
Saravia, Alfredo Durham
Verner, John V., Jr. Durham
Whitfield, Bryan W. Murphy
Yount, Ernest H., Jr. Winston-Salem

Ohio

Schuster, Fred J. Cleveland

Pennsylvania

Nevin, Robert J. Washington
Stockdale, Robert H. Tarentum