

## ORGANIZATION SECTION

### OFFICERS AND MEMBERS OF COUNCIL, AMERICAN DIABETES ASSOCIATION, 1962-1963

HONORARY PRESIDENT, CHARLES H. BEST, M.D., *Toronto*

PRESIDENT  
JEROME W. CONN, M.D., *Ann Arbor*

SECRETARY  
LAURENTIUS O. UNDERDAHL, M.D., *Rochester, Minnesota*

FIRST VICE PRESIDENT  
THOMAS P. SHARKEY, M.D., *Dayton*

TREASURER  
EDWIN W. GATES, M.D., *Niagara Falls*

SECOND VICE PRESIDENT  
RACHMIEL LEVINE, M.D., *New York*

EXECUTIVE DIRECTOR  
J. RICHARD CONNELLY, *New York*

#### MEMBERS OF COUNCIL

TERM EXPIRING 1963

THADDEUS S. DANOWSKI, M.D., *Pittsburgh*  
WILLIAM H. GRISHAW, M.D., *Beverly Hills*  
GEORGE J. HAMWI, M.D., *Columbus, Ohio*  
HENRY E. MARKS, M.D., *New York*  
HENRY E. OPPENHEIMER, M.D., *St. Louis*  
PRISCILLA WHITE, M.D., *Boston*

TERM EXPIRING 1964

JOSEPH H. CRAMPTON, M.D., *Seattle*  
LEWIS B. FLINN, M.D., *Wilmington*  
LEO GOODMAN, M.D., *Fresno*  
ROBERT C. HARDIN, M.D., *Iowa City*  
EDGAR A. HAUNZ, M.D., *Grand Forks*  
THEODORE B. VAN ITALLIE, M.D., *New York*

TERM EXPIRING 1965

W. WALLACE DYER, M.D., *Bryn Mawr*  
FREDERICK C. GOETZ, M.D., *Minneapolis*  
LAURANCE W. KINSELL, M.D., *Oakland*  
VAUN A. NEWILL, M.D., *Cleveland*  
EDWIN L. RIPPY, M.D., *Dallas*  
LAURENCE F. SEGAR, M.D., *Detroit*

#### PAST PRESIDENTS

FRANCIS D. W. LUKENS, M.D., *Philadelphia*  
FRANKLIN B. PECK, SR., M.D., *Monticello, Indiana*; BLAIR HOLCOMB, M.D., *Portland, Oregon*

#### ASSEMBLY OF STATE GOVERNORS AND AFFILIATE DELEGATES

JAMES B. HURD, M.D., Chairman, *Chicago*; WILLIAM R. JORDAN, M.D., Vice Chairman, *Richmond*  
ELTON R. BLAISDELL, M.D. (1963), *Portland, Maine*; CARLISLE MORSE, M.D. (1964), *Louisville*  
MAURICE PROTAS, M.D. (1965), *Washington, D.C.*

## 23rd Annual Meeting

### American Diabetes Association

June 15-16, Chalfonte-Haddon Hall, Atlantic City, New Jersey

Bernardo A. Houssay, M.D., will deliver the Banting Memorial Lecture during the Scientific Session Saturday morning, June 15. His subject will be "Hormonal Factors of Diabetic Ketosis." Dr. Houssay, who received the Nobel Prize for Physiology and Medicine in 1947 for his work in carbohydrate metabolism, is Director, Instituto de Biologia Y Medicina Experimental, Buenos Aires, Argentina.

#### BANQUET PROGRAM

June 15

- Deaconess Maude Behrman, Atlantic City, will offer the Invocation.
- Jerome W. Conn, M.D., President of the Association, will preside and deliver a Commentary, "The Golden Era of Banting, Best, Houssay, Long, and Young (1921-1937)."
- A Special Presentation will be made to Dr. Houssay as the Banting Memorial Lecturer.
- The Banting Medal will be presented to Garfield G. Duncan, M.D., Professor of Medicine, University of Pennsylvania, Philadelphia, Pennsylvania.

- The 1963 Lilly Award will be presented to J. M. B. Bloodworth, Jr., M.D., Professor of Pathology, The Medical School, The University of Wisconsin, Madison, Wisconsin.
- The annual Citation as an Outstanding Layman will be awarded to Mrs. Jack Van Der Beek of the Florida Diabetes Association by James B. Hurd, M.D., Chicago, Chairman of the Assembly of State Governors and Affiliate Delegates.
- A Special Citation will be presented to Miss Mary M. Harrington, Director of Dietetics at Harper Hospital, Detroit, until her retirement.

#### SCIENTIFIC SESSIONS

Six Scientific Sessions have been scheduled on Saturday and Sunday, June 15 and 16. As previously announced, The Banting Memorial Lecture, forty papers, and a panel on genetics will be presented. The panel on "Inheritance of Diabetes" will conclude the Saturday afternoon session.

Thirty-seven other papers are included in the printed Program By Title and abstract. The Scientific Sessions are accep-

ORGANIZATION SECTION

table for thirteen hours of credit, Category II, by the American Academy of General Practice.

Rachmiel Levine, M.D., is Chairman of the Committee on Scientific Programs, and Thomas P. Sharkey, M.D., is Vice Chairman. Members of the Committee include George F. Cahill, Jr., M.D., Harvey C. Knowles, Jr., M.D., E. Paul Sheridan, M.D., and Randall G. Sprague, M.D.

The printed Program, which includes abstracts of all papers to be presented as well as those given By Title, has been sent to members. Abstracts of these papers, except the Banting Memorial Lecture, also will be published in the July-August issue of the Journal.

Although a joint meeting will not be held with The Endocrine Society, arrangements have been made so that Endocrine Society members may attend the Scientific Sessions of the American Diabetes Association, and ADA members may attend, without charge, the session on diabetes of The Endocrine Society in the Carolina Room at Chalfonte-Haddon Hall on Friday afternoon, June 14, at 2:30.

REGISTRATION

Friday, June 14 (10:30 a.m.—6:30 p.m.) Office (main) Floor.

Saturday, June 15 (8:30 a.m.—5:00 p.m.) Stair Hall, Lounge Floor.

Sunday, June 16 (8:30 a.m.—5:00 p.m.) Stair Hall, Lounge Floor.

SCIENTIFIC SESSIONS

*Saturday morning, June 15, 9:00 a.m.*

JEROME W. CONN,\* Chairman

Serum Insulin-like Activity in Houssay Dogs

ANNA SIREK, KARL B. SCHOFFLING, and HANS A. DITSCHUNEIT (introduced by OTAKAR V. SIREK\*), Toronto, Ontario, Canada, and Frankfurt a.M., Germany

A New Method for Recovering Biologically Active Insulin from Acid Alcoholic Extracts of Pancreas of Guinea Pigs and Other Animals

JOHN K. DAVIDSON,\* R. E. HAIST,\* and CHARLES H. BEST,\* Toronto, Ontario, Canada

Separation of Human Insulin, Glucagon, and Other Pancreatic Proteins

J. de V. LOCHNER, R. H. UNGER,\* and A. C. ESTERHUIZEN, Dallas, Tex., and Stellenbosch, South Africa

Study of Insulin I-131 Binding by Ultracentrifugation

PING-YU CHAO and JOHN H. KARAM (introduced by PETER H. FORSHAM\*), San Francisco, Calif.

The Transport of "A" (Glycyl) and "B" (Phenyl Alanyl) of Insulin in Human Serum

JOHN ENSINCK, GUERDON COOMBS, MARTIN NYDICK, and ROBERT H. WILLIAMS,\* Seattle, Wash.

Antagonism of Insulin by the Albumin-bound "B" Chain of Insulin

JOHN ENSINCK and JOHN VALLANCE-OWEN,\* Newcastle upon Tyne, England

BANTING MEMORIAL LECTURE

Hormonal Factors of Diabetic Ketosis

BERNARDO A. HOUSSAY,\* Director, Instituto de Biología Y Medicina Experimental, Buenos Aires, Argentina

*Saturday afternoon, June 15, 1:15 p.m.*

RACHMIEL LEVINE,\* Chairman

Diabetes Caused by Hypotensive Agents

FREDERICK W. WOLFF,\* CHARLES HOLLANDER, ROBERT G. LANGDON, WILLIAM PARMLEY, BORIS RUEBNER, and RODNEY SKOGLUND, Baltimore, Md.

There is no registration fee for members of the Association or The Endocrine Society. Fee for nonmembers is \$2.00, which includes a copy of the Program. Members and nonmembers may secure additional copies at a cost of \$1.00 each by requesting them from the American Diabetes Association, 1 East 45th Street, New York 17, N. Y. The Program also will be available at the Registration Desk in Atlantic City.

OTHER EVENTS

Approximately thirty-three sessions of Committees, Boards and other groups are scheduled. A complete list of these meetings appears in the printed Program.

- The Annual Business Meeting will be held in the Vernon Room, Lounge Floor, on Sunday, June 16, from 2:00 to 2:30 p.m.

- A Social Hour at 6:30 p.m. on Saturday, June 15, will be held in the English Lounge, Lounge Floor. It will be followed immediately by the Banquet in the Vernon Room, Lounge Floor.

THE PROGRAM

Papers to be delivered at the Scientific Sessions are listed below in the order of their presentation. Those included in the printed Program By Title are also listed. Asterisks indicate members of the American Diabetes Association.

The Effect of a Benzothiadiazine on Carbohydrate Metabolism

I. I. A. TABACHNICK, A. GULBENKIAN, W. ZEMAN, and J. BLACK (introduced by MORTON SMITH\*), Bloomfield, N.J.

The Hypoglycemic Activity of 3,5-Dimethylpyrazole

GEORGE C. GERRITSEN and WILLIAM E. DULIN,\* Kalamazoo, Mich.

Susceptibility of Diabetic and Nondiabetic Rats to Atherogenic Diet

N. KALANT,\* J. TEITELBAUM, A. A. COOPERBERG, and W. A. HARLAND, Montreal, Quebec, Canada, and Kingston, Jamaica

Chemical Composition of Glomerular Basement Membrane Material in Diabetes

EDNA SPEIDEL and ARNOLD LAZAROW,\* Minneapolis, Minn.

Early Diabetes: Chemical Diabetes—A Progress Report

OSCAR LOZANO-CASTAÑEDA,\* RAFAEL A. CAMERINI-DAVALOS,\* JAMES B. CAULFIELD, SEARLE B. REES,\* ALFREDO CERVANTES-AMEZCUS, R. CLAUDE CATELLIER, JORGE P.

ORGANIZATION SECTION

KRAUTHAMMER, and ALEXANDER MARBLE,\* Boston, Mass.

**The Rapid Intravenous Glucose Tolerance Test in Obstetrical Patients with a Family History of Diabetes**

FELIX A. SILVERSTONE,\* EDWARD SOLOMONS, and JEANETTE RUBRI-CIUS, Brooklyn, N.Y.

**Inheritance of Essential Diabetes Mellitus from Studies of the Synalbumin Insulin Antagonist**

JOHN VALLANCE-OWEN\* and W. L. ASHTON, Newcastle upon Tyne, England

**PANEL: INHERITANCE OF DIABETES**

PRISCILLA WHITE,\* Boston, Mass., Moderator; GEORGE B. HUTCHISON, Boston, Mass.; W. EUGENE KNOX, Boston, Mass.; and VAUN A. NEWILL,\* Cleveland, Ohio

**SCIENTIFIC SESSION (Clinical)**

*Sunday morning, June 16, 9:00-10:30 a.m.*

EDWIN W. GATES,\* Chairman

**Longevity of Diabetic Patients in Recent Years**

PAUL S. ENTMACHER,\* HOWARD F. ROOT,\* and HERBERT H. MARKS,\* New York, N.Y., and Boston, Mass.

**Elevated Intraocular Pressure in Diabetic Children**

A. SAFIR, E. P. PAULSEN,\* and J. KLAYMAN, New York, N.Y.

**Neuropathic Ulcers in Diabetes Mellitus**  
JULIUS POMERANZE\* and EDWARD J. KING, New York, N.Y.

**Effect of Diabetes on Pressor Responses to Noxious Stimuli**

ALVIN P. SHAPIRO,\* SPERO E. MOUT-SOS, and JAMES V. BONESSI, Pittsburgh, Pa.

**Effect of Nibbling Versus Gorging on Glucose Tolerance**

GRANT GWINUP,\* RICHARD C. BYRON, WILLIAM ROUSH,\* FRED A. KRUGER,\* and GEORGE J. HAMWI,\* Columbus, Ohio

**The Use of Oral Sodium Tolbutamide in the Diagnosis of Diabetes**

THOMAS J. VECCHIO,\* DAVID L. SMITH, HAROLD L. OSTER, and RICHARD BRILL, Kalamazoo, Mich.

**SCIENTIFIC SESSION (Experimental)**

*Sunday morning, June 16, 9:00-10:30 a.m.*

GEORGE F. CAHILL, Jr.,\* Chairman

**Absolute Rates of Glucose Production, Accumulation and Utilization in the Dog at Pancreatectomy and Thereafter**

G. A. WRENSHALL,\* A. M. RAPPAPORT, J. COWAN, and G. HETENYI, Jr., Toronto, Ontario, Canada

**Effects of Diet and Insulin on Hepatic Glucokinase of the Rat**

CHAKRAVARTHI SHARMA, RAJANI MANJESHWAR, and SIDNEY WEINHOUSE,\* Philadelphia, Pa.

**Antilipolytic Effects of Insulin**

R. MAHLER, M. E. TARRANT, W. S. STAFFORD, and J. ASHMORE,\* London, England, and Indianapolis, Ind.

**The Turnover of Reduced Pyridine Nucleotides in the Liver of the Normal and the Alloxan-diabetic Rat**

EDWIN E. GORDON (introduced by DAVID H. HAFT\*), New York, N.Y.

**Studies on the Binding of Insulin to Frog Skeletal Muscle**

HULDA J. WOHLTMANN\* and H. T. NARAHARA,\* St. Louis, Mo.

**Effect of Glucagon on Heart Metabolism**

ROBERT A. KREISBERG and JOHN R. WILLIAMSON (introduced by GEORGE F. CAHILL, Jr.\*), Boston, Mass.

**Formation of C-14-O<sub>2</sub> and H-3-OH from Labeled Lactate, Pyruvate, and Glucose in Diabetic and Obese Patients**

W. W. SHREEVE,\* R. C. De MEUTER,\* Y. SHIGETA, and A. GHOSE, Upton, N.Y., and Cincinnati, Ohio

**SCIENTIFIC SESSION**

*(Combined Session)*

*Sunday morning, June 16, 10:45 a.m.*

FRANK L. ENGEL,\* Chairman

**The Mechanism of Ethanol-induced Hypoglycemia**

AMANDA LOCHNER and LEONARD L. MADISON,\* Dallas, Tex.

**Intrinsic Regulators of Gluconeogenesis in Human and Rat Liver Slices and Their Modification by Ethanol**

ALEX K. COHEN, RONALD A. ARKY,

and NORBERT FREINKEL,\* Boston, Mass.

**Abnormalities of Pattern of Fatty Acid Radioactivity in Platelets from Subjects in Diabetic Acidosis**

KOZI AWAI and ALLEN R. HENNES,\* Detroit, Mich.

**Ultrastructure of Pancreatic B Cells in Severely Diabetic Dogs**

BRUNO W. VOLK\* and SYDNEY S. LAZARUS,\* Brooklyn, N.Y.

**Current Concepts of the Pathogenesis of Diabetic Microangiopathy**

J. M. B. BLOODWORTH, Jr.\* (recipient of Lilly Award; by invitation), Madison, Wis.

*Sunday afternoon, June 16, 2:30 p.m.*

THOMAS P. SHARKEY,\* Chairman

**Lamellar Bone Physiology in Diabetes Mellitus: Mesenchymal Cell Activation Function and Haversian Canal Formation Kinetics**

M. KLEIN, H. M. FROST, and E. D. SEDLIN (introduced by FRED W. WHITEHOUSE\*), Detroit, Mich.

**The Pathologic Physiology of Microangiopathy in Diabetes**

SEARLE B. REES,\* RAFAEL A. CAMERINI-DAVALOS,\* JAMES B. CAULFIELD, OSCAR LOZANO-CASTAÑEDA,\* R. CLAUDE CATELLIER, ALFREDO CERVANTES-AMEZCUS, JORGE P. KRAUTHAMMER, DANIEL A. POMETTA, and ALEXANDER MARBLE,\* Boston, Mass.

**Immunological Assay of Insulin in Plasma of Children**

R. M. EHRlich\* and G. BAMBERS, Toronto, Ont.

**Plasma Insulin in Organic Hyperinsulinism: Comparative Effects of Tolbutamide, Leucine and Glucose Preoperatively and Postoperatively**

J. C. FLOYD, Jr., STEFAN S. FAJANS,\* R. F. KNOFF, and JEROME W. CONN,\* Ann Arbor, Mich.

**Criteria for the Oral Glucose Tolerance Test in Pregnancy**

JOHN B. O'SULLIVAN,\* Boston, Mass.

ORGANIZATION SECTION

**The Interrelationship of Microvascular Disease in Diabetes and Pregnancy**  
LUKE GILLESPIE,\* PRISCILLA WHITE,\* and SHIRLEY G. DRISCOLL, Boston, Mass.

**Neonatal Problems—Infants of Diabetic Mothers**  
JAMES E. DRORBAUGH and JOHN P. HUBBELL, Jr. (introduced by Priscilla White\*), Boston, Mass.

**Eosinophilic Pancreatic Infiltrates in Infants of Diabetic Mothers: A Clinico-pathologic Study**  
JEROME L. SILVERMAN (introduced by PAUL E. LACY\*), St. Louis, Mo.

BY TITLE

**Properties of "Free" Insulin and Insulin Complexes in Blood**  
HARRY N. ANTONIADES,\* Jamaica Plain, Mass.

**Studies of Blood Glucose and Insulin Levels in a Patient with Diabetes Mellitus and a Functioning Islet-cell Carcinoma**  
H. L. BIRENBOIM and L. STIMMLER (introduced by DALTON JENKINS\*), Denver, Colo.

**Factors Which Influence the Blood Ketone Response to Norepinephrine-induced Free Fatty Acid Elevation in Japanese Diabetics**  
WILLIAM G. BLACKARD and YOSHI-AKI OMORI (introduced by FRANK L. ENGEL\*), Hiroshima, Japan

**Diabetes Insipidus and Its Pathology in Dogs**  
HARRY BLOTNER,\* KENNETH E. BLOTNER, and T. C. JONES

**Studies of Insulin Sensitivity in Normal Subjects and in Patients with Acromegaly**  
J. H. BRIGGS, W. J. H. BUTTERFIELD, and M. J. WHICHELOW (introduced by PETER H. FORSHAM\*), London, England

**A New Solution for Testing Glucose Tolerance**  
TERENCE G. CHRISTOPHER, JACK R. LEONARDS,\* and E. P. McCULLAGH,\* Cleveland, Ohio

**C-19 Nor-steroid Effects on Plasma Lipid and Diabetic Control of Postmenopausal Women**  
BURT COCHRAN, Jr.,\* and WILLIAM W. H. POTE, Jr.,\* Los Angeles, Calif.

**Studies of the Effects of Fasting and Ketogenic Diets in Insulin Dependent Diabetics**  
S. COX, M. COELHO, G. FUKAYAMA, and L. W. KINSELL,\* Oakland, Calif.

**Alcohol-induced Hypoglycemia**  
ARNOLD DRAPKIN and JUDEN REED (introduced by HAROLD RIFKIN\*), New York, N.Y.

**The Decidual Vessels and the Placenta in Diabetes Mellitus**  
SHIRLEY G. DRISCOLL (introduced by PRISCILLA WHITE\*), Boston, Mass.

**Determination of Insulin by Biological and Immunological Methods in Normal and in Diabetic Subjects**  
JEAN-PIERRE FELBER, BERNARD RU-EDI, ANITA EISOLD and ALFREDO VANNOTTI (introduced by ALBERT E. RENOLD\*), Lausanne, Switzerland

**Observations on the Use of an Oral Tolbutamide Tolerance Test**  
HENRY C. FORD and RICHARD E. BAILEY,\* Portland, Oreg.

**Stimulation of Protein Synthesis by Insulin in Rat Anterior Pituitary in Vitro**  
CHARLES J. GOODNER\* and J. THOMAS DOWLING, Seattle, Wash.

**Effects of Norepinephrine Infusion on Plasma Lipids in Diabetics in Good and Poor Control and in Nondiabetics**  
S. GRASSO, G. MICHAELS, M. COELHO, and L. W. KINSELL,\* Oakland, Calif.

**Serum Proteins in Chinese Hamsters with Spontaneous Hereditary Diabetes Mellitus**  
MORRIS N. GREEN\* and GEORGE YERGANIAN,\* Boston, Mass.

**The Effect of Insulin on Human Adipose Tissue**  
A. KAHLBERG (introduced by N. KALANT\*), Montreal, Que.

**Histochemical Studies on Pancreatic Islets in the Rat: Prevention and Reversal of Glycogen Infiltration in the Pancreatic Islets of Fetuses from Diabetic Mothers**  
JAE NAM KIM,\* Seoul, Korea

**Lacticacidemia as a Complication of Peripheral Vascular Failure in Diabetic Acidosis**  
LEO P. KRALL\* and SEARLE B. REES,\* Boston, Mass.

**Studies on the Prediabetic State in Cortisone-alloxan Treated Rabbits**  
SYDNEY S. LAZARUS\* and BRUNO W. VOLK,\* Brooklyn, N.Y.

**Glucose Metabolism of Adipose Tissue as Influenced by Contact Time with Insulin**  
JACK R. LEONARDS,\* Cleveland, Ohio

**Isolation and Characterization of an Insulin-containing Particulate Fraction from the Islet of Goosefish**  
ARNOLD W. LINDALL, Jr., and ARNOLD LAZAROW,\* Minneapolis, Minn.

**A Guide in the Selection of Visually Impaired Diabetics for Programs of Vocational Rehabilitation**  
MORRIS MARGOLIN,\* FRANK EAGLE, C. ROBERT HANKINS,\* ROBERT P. HEANEY, MARY J. HENN,\* GORDON E. GIBBS,\* and ROBERT A. SLABAUGH, Omaha, Neb.

**A Sex Difference in Blood Glucose and in Serum Free Fatty Acid Metabolism in Human Subjects**  
J. A. MOORHOUSE,\* J. STEINBERG, and N. J. ROSEN, Winnipeg, Man.

**Exercise and Blood-glucose Level in Intact and Pancreatectomized Dogs**  
KAREN E. MOXNESS, GEORGE D. MOLNAR,\* and WARREN F. MCGUCKIN, Rochester, Minn.

**The Use of Polyunsaturated Fat in the Diabetic Diet: Feasibility and Effect on Serum Lipids**  
ROBERT L. NIELSEN,\* ROBERT L. REEVES,\* JOSEPH H. CRAMPTON,\* WM. J. STEENROD,\* and R. R. PATON,\* Seattle, Wash.

**Incorporation of Linoleic 1-C-14 Acid into Human Adipose Tissue**  
JOHN W. ORMSBY, J. DAVID

ORGANIZATION SECTION

SCHNATZ,\* and ROBERT H. WILLIAMS,\* Seattle, Wash.

Constancy of Serum-protein Binding of Insulin in Diabetics Who Have Changing Insulin Needs

PASQUALE J. PALUMBO, GEORGE D. MOLNAR,\* and W. NEWLON TAUXE, Rochester, Minn.

Effect of Phenethylbiguanide (Phenformin) in Normal Subjects and in Acute and Chronic Hypercortisonism  
VIRGILIO GONÇALVES PEREIRA, BERNARDO LÉO WAJCHENBERG,\* ARMANDO AGUIAR PUPO, and JOSÉ SHNAIDER, São Paulo, Brazil

Pancreatic Islets of the Rat Embryo: Development in Organ Culture  
MICHAEL R. SCHWEISTHAL, MARIA P. CÉAS, and LEMEN J. WELLS (intro-

duced by FREDERICK C. GOETZ\*), Minneapolis, Minn.

Biochemical Inertia of the Beta Cell: The Initial Lesion of Diabetes Mellitus?  
HOLBROOKE S. SELTZER,\* Dallas, Tex.

Serum Uric Acid in Diabetes  
MAXWELL SPRING,\* Bronx, N.Y.

Role of Corticosteroids in the Hyperglycemic Rebound Phenomenon  
KARL E. SUSSMAN,\* HAROLD L. BIRENBOIM, and DALTON JENKINS,\* Denver, Colo.

Mobilization of Free Fatty Acids in Acute Insulin Deficiency  
M. E. TARRANT, P. H. WRIGHT, R. MAHLER, W. S. STAFFORD, and J. ASHMORE,\* London, England, and Indianapolis, Ind.

The Effects of Cortisol in Guinea Pigs with Normal and Atrophic Exocrine Pancreas  
MLADEN VRANIC (introduced by R. E. HAIST\*), Zagreb, Yugoslavia

Effect of Isotonic Saline upon Metabolism of Intravenous Dextrose and/or Fructose in Alloxan-diabetic Dogs  
HARRY F. WEISBERG\* and CHARLOTTE M. KAPLAN, Chicago, Ill.

Effect of Anabolic Drugs on Response of Blood Sugar and Free Fatty Acids to Glucagon  
SHIRLEY WEISENFELD,\* SUAT AKGUN, and STANLEY NEWHOUSE, New York, N.Y.

The Prevalence of Diabetes in Uruguay and Malaya  
KELLY M. WEST\* and JOHN M. KALBFLEISCH, Bethesda, Md.

POSTGRADUATE COURSE SERIES

The Eleventh Postgraduate Course of the American Diabetes Association, entitled "Diabetes in Review: Clinical Conference, 1963," was held in Boston, January 16-18. Developed by the ADA Committee on Professional Education,

the Course was presented in cooperation with the New England Diabetes Association. T. S. Danowski, M.D., Pittsburgh, was Director. Alexander Marble, M.D., Boston, was Chairman of the Local Committee. A registration breakdown for the Course and a comparison with the ten previous Courses appear below.

	1963 Boston	1962 Detroit- Ann Arbor	1961 New Orleans	1960 Los Angeles	1959 St. Louis	1958 Atlanta	1957 Columbus	1956 Dallas	1955 Phila- delphia	1954 Rochester	1953 Toronto
REGISTRANTS											
Members	118	111	72	61	55	78	83	82	135	83	93
Membership applica- tions pending	22	29	11	15	21	47	55	52	23	24	23
Nonmembers	93	75	51	73	31	53	57	47	18	17	61
Total	233	215	134	149	107	178	195	181	176	124	177
OTHER REGISTRANTS											
Army Reserve Officer	—	1	—	—	—	—	—	—	—	—	—
Part-time Registrants	3	5	5	3	2	1	1	—	2	—	—
*Graduate Students	7	—	—	—	—	—	—	—	1	†	†
*Fellows	40	15	12	7	7	1	—	2	3	†	†
*Residents	12	57	22	19	10	14	16	10	10	†	†
*Interns	—	5	1	6	8	4	8	4	5	†	†
*Medical Students	11	38	†	1	23	2	13	61	11	†	†
*Dietitians, Dietetic Interns	—	1	—	—	2	—	16	—	—	—	—
*Nutritionists	—	—	—	—	—	—	2	—	—	—	—
*Nurses	—	—	—	—	—	—	7	—	—	—	—
Councilors and Faculty	50	45	35	47	41	40	34	48	41	35	35
Diabetes Program Di- rectors Workshop Participants	—	—	—	28	—	—	—	—	—	—	—
Insulin Bioassay Con- ference Participants	—	—	—	4	—	—	—	—	—	—	—
Other Guests	19	6	8	9	7	6	12	4	6	—	2
Total	142	173	83	124	100	68	109	129	79	35	37
GRAND TOTAL	375	388	217	273	207	246	304	310	255	159	214
ADDITIONAL DATA											
Cancellations	13	9	16	9	8	19	12	12	15	25	5
Applications rejected due to limited facilities	—	—	—	—	—	—	—	—	—	47	92
Attendance at Banquet	335	312	193	200	173	245	200	324	246	208	236

\*From metropolitan area of Course location.

†Graduate Students, Fellows, Residents, Interns and Medical Students were not formally registered in 1954 and 1953; a few were in attendance. Medical Students were not formally registered in 1961; approximately fifty were in daily attendance.

ORGANIZATION SECTION

1964 ANNUAL MEETING

As previously announced, the Annual Meeting in 1964, which had been scheduled for San Francisco in June, immediately preceding the Annual Session of the American Medical Association, has been cancelled. The American Diabetes Association is collaborating with the International Diabetes Federation in planning the program of the Fifth Congress in July 1964 in Toronto which will take the place of the usual Scientific Sessions of the Annual Meeting. However, the Annual Business Meeting and organizational Committee Meetings will be held at the time of the Congress.

DIABETES BINDERS

Binders for Volume 12 (1963) issues of DIABETES: *The Journal of the American Diabetes Association* will not be available until the end of the year. New binders will be prepared at that time to accommodate the regular six issues of the Journal, the Index, and the supplements to Volume 12 entitled *Diabetes-Related Literature Index*. The first of these supplements has been distributed, and two others are planned for publication during the year.

Binders for Volume 11 (1962) issues are available at the customary price of \$2.25 each, including mailing. They will not accommodate the Supplement for that volume, entitled "Tolbutamide Therapy after Five Years," since the binders were ordered before the Supplement was scheduled.

SUMMER CAMP LIST IN ADA FORECAST

Physicians and other interested persons may wish to call the attention of diabetics and their families to the list of summer camps for diabetic children, entitled "Camp Time Comes Soon!" which was published in the May-June issue of FORECAST. Sponsorship of the camp is given as well as camping dates, rates, ages, and the name and address of the person to contact. Copies of the May-June issue may be obtained at 35¢ each or six for \$2.00. Single copies of the camp list may be secured without charge.

NEW MEMBERS

The following were elected as of April 1 and May 1, 1963:

<i>California</i>	
Allbaugh, Robert D.	Corona del Mar
Casdorph, Herman R.	Long Beach
Doyle, James C.	Newport Beach
Friend, William K.	Santa Ana
Nielsen, David I.	Newport Beach
Roock, Paul C.	Santa Ana
White, Albert E.	San Rafael
<i>District of Columbia</i>	
Greenbaum, Seymour	Washington
<i>Georgia</i>	
Graham, Charles A.	Atlanta
<i>Illinois</i>	
Friedman, Morton H.	Palatine
<i>Indiana</i>	
Schnute, Richard B.	Indianapolis
<i>Maryland</i>	
Hadden, David R.	Baltimore
<i>Massachusetts</i>	
Grunt, Jerome A.	Boston
Lin, Boniface J.	Boston
<i>Michigan</i>	
Carbeck, Robert B.	Ann Arbor

<i>New Jersey</i>	
Goger, Pauline R.	Flemington
London, Isabel M.	Highland Park
<i>New York</i>	
Pomerantz, Frank	Hempstead
<i>Ohio</i>	
Herring, Bernard D.	Canton
Leary, James F.	Dayton
<i>Rhode Island</i>	
Moreno, Blas	Pawtucket
<i>Tennessee</i>	
Anderson, Robert S.	Nashville
<i>Vermont</i>	
Van Buren, H. Carmer	Burlington
<i>Virginia</i>	
Taliaferro, Isabel	Richmond
<i>West Virginia</i>	
Crigger, Wm. D.	South Charleston
Other Countries	
<i>Canada</i>	
Gomberg, Charles L.	Montreal
<i>Germany</i>	
Müting, Dieter	Homburg/Saar

NEWS OF AFFILIATE ASSOCIATIONS

The CONNECTICUT DIABETES ASSOCIATION held its Annual Meeting on May 1 at the Hotel Statler in Hartford. Samuel B. Beaser, M.D., Boston, spoke on "The New and the Old in Diabetes Mellitus."

The FRESNO COUNTY DIABETES ASSOCIATION had William W. H. Pote, Jr., M.D., Turlock, California, as a speaker on May 6.

The INDIANAPOLIS DIABETES ASSOCIATION held a combined meeting of its Clinical and Lay Societies on May 23 at which Alexander Marble, M.D., Boston, was the guest speaker. His topic was "Diabetes: A Continuing Challenge."

NEWS NOTES

PUBLIC HEALTH SERVICE RESEARCH GRANTS

The National Institute of Arthritis and Metabolic Diseases awarded the largest number of grants (2,754) and ranked third highest in amount (\$53,074,897) among the eight Institutes and seven Divisions of the United States Public Health Service which made research grants during the fiscal year 1962.

Total grants amounted to \$338,561,175. The grants for 15,661 projects were made to 1,211 universities, medical schools, and other nonprofit institutions in the United States and 341 in forty-nine other countries. They supported studies relating to major diseases and other public health problems, and also studies aimed at the discovery of fundamental knowledge in the biomedical sciences.

NECROLOGY

RALPH S. CASFORD, Kansas City, Missouri, born October 24, 1895.

COBLE D. STROTHER, Sherman, Texas, born November 8, 1896.