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Eighteenth Postgraduate Course Rochester, Minnesota January 20-22, 1971

Entitled "Diabetes in Review: Clinical Conference 1971," the Eighteenth Postgraduate Course of the American Diabetes Association will be held at The Kahler Hotel in Rochester, Minnesota, January 20, 21, and 22. It will be presented under the direction of the Committee on Professional Education, of which Stefan S. Fajans, M.D., Ann Arbor, is Chairman, and given in cooperation with the Mayo Clinic-Mayo Foundation of Rochester, and the University of Minnesota School of Medicine and Health Sciences Center, Minneapolis. Open to Doctors of Medicine, the program was developed by L. O. Underdahl, M.D., Rochester, who is Director of the Course; Clifford F. Gastineau, M.D., Rochester, and Fred-

erick C. Goetz, M.D., Minneapolis, Co-Directors; and a planning group of the Committee: George F. Cahill, Jr., M.D., of Boston; Karl E. Sussman, M.D., of Denver, and Dr. Fajans.

REGISTRATION: A Preliminary Program which includes an application form will be mailed to all Members of the Association, to subscribers to DIABETES, and to most internists, general practitioners and other interested physicians throughout the country. This form should be completed and mailed with the registration fee as soon as possible to J. Richard Connelly, Executive Director, American Diabetes Association, Inc., 18 East 48th Street, New York, N.Y. 10017. Applications will be accepted in the order received and registrations

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officially confirmed.

The Registration Desk will be open at The Kabler Hotel on Tuesday, January 19, from 5:00 to 10:00 p.m., and will be open Wednesday at 8:00 a.m. Everyone is urged to register before 9:00 a.m. on Wednesday. At the time of registration for the Course, each registrant will receive a syllabus containing abstracts or outlines of the lectures.

WORKSHOPS: Registrants will be given an opportunity to indicate their orders of preference for each day's workshops. A form for this purpose will be sent with the confirmation and should be returned promptly. Assignments will be made in the order requested insofar as possible. Cards with the title of the workshop and the location will be issued at the Registration Desk.

FEES: \$75 for the three-day Course for Members of the American Diabetes Association; \$100 for nonmembers. The

full fee is payable when applications are made. The fee will be refunded by the Association to any registrant who submits a written request not later than January 8. Residents and interns as well as fellows in a training status who have not completed five years of formal training (excluding the period of obligated government service) from the area of the Course may attend the Scientific Sessions without charge. They should register by January 8. If space permits, medical students may register without charge after January 8.

HOTEL ACCOMMODATIONS: The Kabler Hotel will serve as the headquarters and a room reservation card will accompany the application acceptance. The hotel cannot guarantee reservations received after January 5.

BANQUET AND LUNCHEON: The Banquet on Wednesday and the Luncheon on Thursday will be by subscription and a reservation form will be sent with the confirmation.

PRELIMINARY PROGRAM

Each lecture will be twenty-five minutes, followed by five-minutes' discussion.

WEDNESDAY, JANUARY 20

Forenoon

- 8:55 Welcome by JAMES B. HURD, President
JAMES B. HURD, *Chairman*
- 9:00 Natural History of Diabetes and Criteria for Diagnosis—CLIFFORD F. GASTINEAU
- 9:30 Biosynthesis of Insulin and Proinsulin—ARNOLD LAZAROW
- 10:00 Control of Insulin Secretion—DAVID M. KIPNIS
- 10:30 Intermission
- 10:50 Molecular Basis for Action of Insulin—NELSON D. GOLDBERG
- 11:20 Carbohydrate Metabolism in Diabetes—CARLO M. VENEZIALE
- 11:50 Fat Metabolism in Diabetes—GEORGE F. CAHILL, JR.

Afternoon

- L. O. UNDERDAHL, *Chairman*
- 2:00 Diabetes in Childhood—Including Chemical Diabetes—DONNELL D. ETZWILER
- 2:30 Unstable Diabetes—GEORGE D. MOLNAR
- 3:00 Intermission
- 3:30 to Workshops
- 5:00

Evening

- 6:30 Social Hour (by subscription)
- 7:30 Banquet (by subscription)

THURSDAY, JANUARY 21

Forenoon

- FREDERICK C. GOETZ, *Chairman*
- 9:00 Oral Hypoglycemic Agents—THADDEUS E. PROUT
- 9:30 Diet and Diabetes—L. O. UNDERDAHL
- 10:00 Education of the Diabetic—EPHRAIM B. COHEN
- 10:30 Intermission

- 10:50 Endocrine Syndromes Associated with Carbohydrate Intolerance—RICHARD P. DOE
- 11:20 Biochemical Basis of Vascular Disease and Neuro-pathy—ALBERT I. WINEGRAD
- 11:50 Basement Membrane Abnormality in Diabetes—JOSEPH R. WILLIAMSON

Noon

- 12:30 Luncheon
to 50 Years of Insulin—
- 2:15 RANDALL G. SPRAGUE

Afternoon

- CLIFFORD F. GASTINEAU, *Chairman*
- 2:15 Diabetic Nephropathy—RICHARD D. WAGONER
- 2:45 Renal and Pancreatic Transplants—FREDERICK C. GOETZ
- 3:15 Intermission
- 3:30 to Workshops
- 5:00

Evening

- 8:15 to Workshops
- 9:45

FRIDAY, JANUARY 22

Forenoon

- RANDALL G. SPRAGUE, *Chairman*
- 9:00 Diabetic Retinopathy—MATTHEW D. DAVIS
- 9:30 Treatment of Peripheral Vascular Disease—JOHN F. FAIRBAIRN, II
- 10:00 Diabetic Neuropathy—DONALD W. MULDER
- 10:30 Intermission
- 10:50 Electromyographic and Physiologic Disturbances in Diabetic Neuropathy—JAMES A. BASTRON
- 11:20 Gastrointestinal Manifestations of Diabetes—PAUL A. GREEN

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11:50 Diabetes and Pregnancy—
DANIEL H. MINTZ

Afternoon

STEFAN S. FAJANS, *Chairman*

1:45 Diabetic Ketoacidosis—JAMES B. FIELD
2:15 Nonketotic Comas in Diabetes—
ROBERT F. BRADLEY
2:45 Adjournment

*A Special Tour of the Mayo Clinic will be available after
the close of the program.*

WORKSHOPS

WEDNESDAY, JANUARY 20, 3:30-5:00 p.m.
THURSDAY, JANUARY 21, 3:30-5:00 p.m.
THURSDAY, JANUARY 21, 8:15-9:45 p.m.

All Workshops will be held at the Mayo Clinic.

1. Diabetes in Children and Unstable Diabetes—MARK D. CLOUTIER, DONNELL D. ETZWILER, and GEORGE D. MOLNAR
2. Therapy of Adult-Type Diabetes, Including Use of Oral Hypoglycemic Agents—THADDEUS E. PROUT, F. JOHN SERVICE, and FRED W. WHITEHOUSE
3. Diabetic Neuropathy—JAMES A. BASTRON, MAX ELLENBERG, and DONALD W. MULDER
4. Diabetic Nephropathy—FREDERICK C. GOETZ, P. J. PALUMBO, and RICHARD D. WAGONER
5. Diabetic Retinopathy—ROBERT F. BRADLEY, MATTHEW D. DAVIS, and JAMES C. TRAUTMANN
6. Atherosclerotic Vascular Disease in Diabetes—JOHN F. FAIRBAIRN, II, JOHN W. JOYCE, and JOHN L. JUERGENS
7. Comas—GEORGE F. CAHILL, JR., JAMES B. FIELD, and ALBERT I. WINEGRAD
8. Hypoglycemias—NORBERT FREINKEL, STEFAN S. FAJANS, and DAVID M. KIPNIS
9. Criteria for Diagnosis of Diabetes—CLIFFORD F. GASTINEAU, DANIEL H. MINTZ, and RANDALL G. SPRAGUE
10. Education of the Diabetic and Outpatient Management—EPHRAIM B. COHEN, O. PETER SCHUMACHER, and L. O. UNDERDAHL

FACULTY

JAMES A. BASTRON, M.D., Consultant in Neurology and Electromyography, Mayo Clinic; Associate Professor of Neurology, Mayo Graduate School of Medicine, University of Minnesota, Rochester

ROBERT F. BRADLEY, M.D., Medical Director, Joslin Clinic; Assistant Clinical Professor of Medicine, Harvard University Medical School; Senior Associate in Medicine, Peter Bent Brigham Hospital, Boston

GEORGE F. CAHILL, JR., M.D., Professor of Medicine and Director, Joslin Research Laboratories, Harvard Medical School, Boston

MARK D. CLOUTIER, M.D., Consultant, Section of Pediatrics, Mayo Clinic, Rochester

EPHRAIM B. COHEN, M.D., Director of Adult Diabetes Education, Diabetes Detection and Education Center; Clinical Assistant Professor, Department of Medicine, University of Minnesota School of Medicine, Minneapolis

MATTHEW D. DAVIS, M.D., Professor and Chairman, Department of Ophthalmology, University of Wisconsin Medical Center, Madison

RICHARD P. DOE, M.D., Ph.D., Professor of Medicine, Director of Endocrinology, Department of Medicine, University of Minnesota School of Medicine, Minneapolis

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JAMES B. FIELD, M.D., Director, Clinical Research Unit, University of Pittsburgh School of Medicine, Pittsburgh

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THADDEUS E. PROUT, M.D., Chief of Medicine, Greater Baltimore Medical Center, Baltimore

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FRED W. WHITEHOUSE, M.D., Head, Division of Metabolic Diseases, Henry Ford Hospital, Detroit

JOSEPH R. WILLIAMSON, M.D., Associate Professor of Pathology, Washington University School of Medicine, St. Louis

ALBERT I. WINEGRAD, M.D., Professor of Medicine; Director, George S. Cox Medical Research Institute, University of Pennsylvania, Philadelphia

THIRTY-FIRST ANNUAL MEETING

The Sheraton Palace in San Francisco will be the site of the Thirty-first Annual Meeting of the American Diabetes Association. Scientific Sessions will be held Tuesday and Wednesday, June 22-23. Further details concerning the Meeting will be announced in future issues of this Journal. The Annual Meeting of The Endocrine Society will be June 24, 25, and 26, at the San Francisco Hilton.

RESEARCH AND DEVELOPMENT AWARDS

Jerome W. Conn, M.D., Chairman of the Committee on Research, has announced in behalf of the Committee that Neil B. Ruderman, M.D., of Harvard Medical School, is the recipient of this year's Elliott P. Joslin Research and Development Award. The Award was granted by the American Diabetes Association under the program established in 1966. Other Research and Development Awards went to Rex S. Clements, Jr., M.D., of the University of Pennsylvania; Jackie D. Corbin, Ph.D., the University of California in Davis; John P. Kane, M.D., University of California in San Francisco; Sumer Pek, M.D., University of Michigan; and Raymond L. Pictet, M.D., University of California in San Francisco.

DR. RUDERMAN, who was granted a one-year renewal of his previous Research and Development Award, was born in New York City in 1937. He received his A.B. from Columbia University in 1956 and his M.D. from the University of Pittsburgh in 1960. After interning at Michael Reese Hospital in Chicago he served residencies in Pittsburgh and New York before moving to Boston with the U.S. Public Health Service. In 1965 he became a Research Fellow in Medicine at the Elliott P. Joslin Research Laboratory of the Harvard Medical School, and in 1968 a Research Associate. Dr. Ruderman's most important research accomplishment has been his work on lipoprotein metabolism and on the role of free fatty acids in the regulation of gluconeogenesis and glycolysis. Now on leave as Instructor in Medicine at Harvard Medical School, he will continue his research with Dr. Hans Krebs at the Radcliffe Infirmary, Oxford, England, on the development of a new methodological approach to the study of caloric homeostasis and metabolic regulation.

REX S. CLEMENTS, JR., M.D., who was born in Philadelphia in 1938, received a B.A. degree from Amherst College in 1960 and an M.D. from the University of Pennsylvania School of Medicine in 1964. He served an internship at the Hospital of the University of Pennsylvania, a residency in internal medicine at the University of Wisconsin Hospital in Madison, and was a Research Fellow at the Cox Institute of the University of Pennsylvania July 1966-December 1968. During his research fellowship under Albert I. Winegrad, M.D., he engaged in new work on the polyol pathway in various tissues. At present an Associate in Medicine at the Cox Institute, during the coming year Dr. Clements will devote himself primarily to the characterization of aldose reductase from mammalian tissues, and its localization. He also will serve as the leader of a group effort to re-examine certain fundamental aspects of diabetic acidosis in humans, particu-

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larly with regard to changes in intracranial pressure and cerebral function.

JACKIE D. CORBIN, PH.D., was born in Franklin, North Carolina, in 1941. He received a B.S. from Tennessee Polytechnic Institute in 1963, and a Ph.D. from Vanderbilt University in 1968. Formerly a National Institutes of Health Postdoctoral Fellow at the University of California in Davis, he will work under Dr. Edwin G. Krebs at that institution. As the recipient of a Research and Development Award of the American Diabetes Association he will pursue a one-year study of hormone stimulated breakdown of fat. Dr. Corbin's investigations are concerned with the mechanism of hormonal action, with special emphasis on the mechanism of action of epinephrine and insulin in stimulating or inhibiting enzyme systems.

JOHN P. KANE, M.D., PH.D., who was granted a one-year renewal of a Research and Development Award, was born in West Point, New York, in 1932, received a B.S. in zoology in 1955 from Oregon State University, an M.S. in biochemistry and an M.D. from the University of Oregon Medical School in 1957. In June of last year he received a Ph.D. in biochemistry from the University of California San Francisco Medical Center. During the initial part of his tenure of the Research and Development Award last year, he studied the protein moieties of the beta and prebeta-lipoproteins. In addition, he participated in studies of the kinetics of lipoprotein production in normal humans and in subjects with hyperlipemia. The renewal of his Award permits him to continue the application of protein chemical technics to the study of triglyceride-bearing lipoproteins in man.

SUMER PEK, M.D., who has been granted a one-year renewal of his Research and Development Award, was born in Ankara, Turkey, in 1933. In 1953 he received a B.S. in natural sciences from Robert College in Istanbul. His M.D. came from the University of Munich (Germany) Medical School in 1959. After interning in 1960 and 1961, Dr. Pek became a Resident in the Department of Internal Medicine, University of Michigan Medical Center, Ann Arbor. From 1964 to 1966, Dr. Pek served as Consultant in Internal Medicine in the Turkish Army Medical Corps, Ankara. In 1966 he returned to the University of Michigan, where he is in the Department of Internal Medicine, Section of Endocrinology and Metabolism. Dr. Pek has studied the development of methods applicable to various immunoassays of hormones. He has improved a method for the purification of radioiodinated glucagon and ACTH and has set up a highly sensitive and reproducible assay for immunoreactive glucagon. During the coming year Dr. Pek plans to continue his activities in clinical research in endocrinology and metabolism by participation in the research projects sponsored by The Metabolism and Research Unit of The University of Michigan Medical Center, under the direction of Dr. Jerome W. Conn.

RAYMOND L. PICTET, M.D., was born in Geneva, Switzerland, in 1937. After graduation from the International School of Geneva in 1958, he received a Diploma in Medicine from the University of Geneva (1964), a License in Biology (1966), and a Doctorate in Medicine (1968). He was a Research Assistant at the University of Geneva (1964-67),

a Research Instructor at the University of Washington in Seattle (1968-69), and at present is Research Biochemist at the San Francisco Medical Center of the University of California. Dr. Pictet's primary interests are in pathology and clinical biochemistry. Until now, he has primarily been concerned with electron-microscopy, both in its technical aspects and its utilization for the solution of problems in cell biology. His work has resulted in a new model for the structure and function of the reticuloendothelial system and in an analysis of diabetogenesis as it occurs naturally in the desert rat *Acomys* and as it occurs upon treatment with the diabetogenic compound streptozotocin. His most important research accomplishment has been in the analysis of the development of the pancreatic exocrine and endocrine systems. During the coming year, Dr. Pictet will continue his research in the Department of Biochemistry at the University of California Medical Center.

NOVEMBER 15 DEADLINE FOR NEW APPLICATIONS

Applications for Research and Development Awards for the academic year 1971-1972, designed to assist exceptionally promising young investigators in their transition to the level of established investigators, *must be postmarked on or before Nov. 15, 1970*. Notification of Awards will be made by February 15.

The top-rated applicant will receive the Elliott P. Joslin Research and Development Award for that year. The recipient of the Award may have this designation for only one year even though he may be granted a Research and Development Award for a second year.

The following policies have been established by the Committee on Research:

Eligibility

Applicants must be members of University-affiliated institutions within the United States and U.S. possessions. Applicants should have had three years of relevant research experience with publications; residency training is not considered the equivalent of research experience.

The Committee on Research will give special consideration to the following:

1. Intent of applicant to pursue a full-time academic career.
2. Tangible evidence of research performance.

Stipend

The stipend will be \$12,000 per year plus the customary fringe benefits of the sponsoring institution. If granted a one-year renewal, the Award will be in the same amount except that any increase in salary granted by the institution will be shared equally between the institution and the American Diabetes Association. Recipients are required to devote 90 per cent of their time to research activities; an institution may supplement the salary in accordance with the standards of the respective institution.

Payments will be made on the 15th of each month to the sponsoring institution.

Term

The awards will be made for one academic year, July 1 through June 30. Candidates may apply on a competing basis for a one-year-renewal period.

Submission of Applications

The sponsoring institution shall submit the application on behalf of the applicant. The application must be routed through the usual administrative channels of the sponsoring institution and include endorsement of the applicant's preceptor and the department head. Except for renewal applications, an institution may submit only one application per year. A statement of the institution's plans for the applicant's future career must be included.

It is required that the institution submit details and precise amount of its fringe benefit program as applicable to a salary of \$12,000.

Eleven copies of the application, as well as all supporting material, *must be postmarked no later than November 15* of the year preceding the academic year in which the award is desired. Notification of awards will be made by February 15.

The applicant's name and address should be written on the front of the enclosed postal card and returned with the application. It is necessary that this card accompany the application so that acknowledgment can be made to the applicant.

Institutional Overhead

It is understood that institutional expenses are *not* to be a part of the award.

Travel and Relocation

Expenses of travel and relocation are *not* reimbursable.

Application Forms

Forms may be obtained from:

Mr. J. Richard Connelly, Executive Director
American Diabetes Association, Inc.
18 East 48th Street
New York, New York 10017

DECEMBER 1 DEADLINE FOR LILLY AWARD APPLICATIONS

Names of nominees for the 1971 Lilly Award must be received by the American Diabetes Association on or before December 1. The Award, the fifteenth in Association history, will be given at the Thirty-first Annual Meeting. The following stipulations govern the contest for this annual award, which is supported by Eli Lilly and Company and consists of \$1,000 and a medal.

Purpose: To recognize demonstrated research in the field of diabetes, taking into consideration independence of thought and originality.

Eligibility: Any investigator in an appropriate field of work, closely related to diabetes, who is less than forty years of age on January 1 of the year in which the award is made. The research will not necessarily be judged in comparison to the work of more mature and experienced workers. The candidate should be a resident of the United States or Canada.

Nominations: Nominations for the award will be solicited from the Members of the American Diabetes Association. Such nominations will be requested by repeated notices to be published in DIABETES. Names of nominees must be received

before December 1 of the year preceding the award. The nomination should be accompanied by full information concerning the nominee's personality, training and research work. Six copies of each item should be submitted. No Member may send in more than one nomination. A list of the nominee's publications, if any, and six copies of the publication or manuscript for which the award is to be given should also accompany the nomination. The award may be given for work published during the year prior to December 1 of the year preceding the award. The nominee should be actively engaged at that time in the line of research for which the award is to be made.

Announcement: The name of the winner will be announced in DIABETES. The winner will be invited to present a paper on his work at the Annual Meeting. Papers considered for the award must be submitted with the idea that they will be published in whole or in part in DIABETES if found acceptable to the Editor and/or Editorial Board. If the Committee should decide that no outstanding work has been presented for this consideration, the award will not be made.

Award: In addition to the monetary award and medal, traveling expenses will be given to make it possible for the recipient to receive his award in person at the Annual Meeting.

NEW DETECTION PAMPHLET IN DIABETES WEEK KIT

As a guide to physicians, the American Diabetes Association through its Committee on Public Education and Detection has published a new pamphlet entitled "Detection and Diagnosis of Diabetes: Blood Sugar Procedures." The pamphlet, which discusses screening and diagnostic procedures for blood glucose tests, is being distributed as part of the Organizational Kit for use during Diabetes Week November 15-21. A complete list of other materials is available on request. The date follows the usual practice of observing Diabetes Week the week before Thanksgiving. Affiliate Associations and Committees on Diabetes of County and State Medical Societies are urged to note this date in making plans for their Public Education and Detection programs.

FILM ON COMA AVAILABLE

A fifteen-minute black and white film entitled "Nonketoacidotic Coma" and featuring T. S. Danowski, M.D., of Pittsburgh, is available through the Committee on Professional Education of the American Diabetes Association for showing to Affiliate Associations, County and State Medical Societies, and other professional audiences around the country.

The film discusses five types of nonketoacidotic coma associated with diabetes. The first type is incidental to the diabetes and the main cause may be a stroke, barbiturate poisoning, or uremia. The second type is related to the presence of hypoglycemia and can be caused by an excess of insulin, chlorpropamide, tolbutamide, or may be the hypoglycemic tail type which represents an early phase of diabetes in some patients. The third type is lactic acidosis and includes tissue hypoxia

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caused by shock, decreased lactate conversion to pyruvate and decreased plasma bicarbonate without ketoacidosis. The fourth and fifth types are the hyperosmolar types and include hypernatremic and hyperglycemic patients. Hypernatremic patients have a serum sodium in excess of 160 mEq./L., an acetone of zero to trace, a normal plasma and CO₂ value and blood sugar may be normal or increased. The hyperglycemic patient may have a blood sugar in excess of 600 mg. per 100 ml., an acetone of zero to trace, a normal plasma and CO₂ value, and the serum sodium may be increased. A variant of the hyperglycemic type occurs in patients with severe burns.

The film was produced at The Addison H. Gibson Laboratory, School of Medicine, University of Pittsburgh. It is available for use without charge. The American Diabetes Association will prepay shipping charges to organizations requesting the film. However, films should be returned prepaid if possible.

**ADA FORECAST FEATURES
ARTICLE ON URINARY SUGAR**

"What Does Sugar in the Urine Mean?," by Theodore G. Duncan, M.D., appears in the September-October issue of ADA FORECAST. The article discusses the renal threshold, the twenty-four-hour test, goals of urine tests, urine sugar patterns, interpreting test results, ketones (acetone) in the urine, and products for testing sugar. Copies of the September-October issue are available at 50 cents each.

NEW MEMBERS

The following were admitted to membership as of October 1, 1970.

Professional Members

<i>Alabama</i>	
Owen, W. Crawford	Birmingham
Siegel, Alan M.	Birmingham
<i>California</i>	
D'Elia, John A.	Bakersfield
<i>Illinois</i>	
Abraira, Carlos	Hines
Levitsky, Lynne L.	Chicago
Ward, George E.	Chicago
<i>Indiana</i>	
Lenyo, Ludimere	Terre Haute
<i>Maryland</i>	
Edgar, Paul J.	Towson
<i>Massachusetts</i>	
Osborne, Robert K.	Dedham
<i>Missouri</i>	
Braverman, Abe E.	Kansas City
Holt, Waldo S.	Kansas City
Kettner, Edward G.	Kansas City
Rossini, Aldo A.	St. Louis
Suddarth, Sterling B.	Kansas City
<i>New York</i>	
AvRuskin, T. W.	Brooklyn
D'Errico, John F., Jr.	Richmond Hill

Gausas, Anthony M.	Niagara Falls
Hanss, Robert J.	Rochester
Vongries, Alexander G.	New York
<i>Pennsylvania</i>	
Kyriakopoulos, A. A.	West Point
Morrison, Anthony D.	Philadelphia
Sembrot, Joseph T.	Allentown
<i>Virginia</i>	
Watlington, Charles O.	Richmond
<i>Washington</i>	
Werrbach, Jon H.	Seattle
<i>Puerto Rico</i>	
Martinez-Rovira, Gabriel R.	Santurce
Other Countries	
<i>Canada</i>	
Howard, Neville J.	Toronto
<i>Japan</i>	
Hotta, Nigishi	Nagoya
Kuzuya, Takeshi	Tokyo

Associate Professional Members

<i>Maryland</i>	
Ventura, Emma I.	Baltimore
<i>Minnesota</i>	
Beriou, Judy M.	Minneapolis
McCartney, Margaret B.	Minneapolis
<i>West Virginia</i>	
Hawes, Mary C.	Huntington

**NEWS OF
AFFILIATE ASSOCIATIONS**

The DIABETES ASSOCIATION OF GREATER CHICAGO will conduct its Thirteenth Annual Symposium on Diabetes Mellitus on Friday, Nov. 20, 1970. The Symposium to be held at the Holiday Inn, 644 N. Lakeshore Drive, will be devoted to "The Current Status of Sulfonylureas in the Treatment of Diabetes." The morning program will include:

"Background of Sulfonylureas in the Treatment of Diabetes," by Norbert Freinkel, M.D., of Chicago; "Design and Background of University Group Diabetes Program, A Study of the Relationships of Therapy to Vascular and Other Complications of Diabetes," by Max Miller, M.D., Cleveland, Ohio; "Results of University Group Diabetes Program to Date," by Thaddeus E. Prout, M.D., Baltimore, Maryland; and "Alternative Interpretation of University Group Diabetes Program Results," by Ann M. Lawrence, M.D., Ph.D., Chicago.

Faculty members will hold a series of workshops in smaller groups with the attending audience bringing special problems or questions for discussion.

The afternoon will be devoted to the presentation of the Fourteenth Woodyatt Memorial Lecture by Paul E. Lacy, M.D., St. Louis.

Enrollment is free for members of the Diabetes Association of Greater Chicago, the American Diabetes Association, medical students, resident house staff members, nurses, and dietitians. The fee for others is \$10.00. Inquiries may be ad-