EIGHTH ANNUAL GERALD J. FRIEDMAN FELLOWS SYMPOSIUM

Nutrition, Diabetes, and Human Health

Saturday, June 6, 2015 | 5:30-9:15 pm The Westin Boston Waterfront 425 Summer Street Boston, MA 02210

Hosted by:

Gerald J. Friedman Diabetes Institute
Division of Endocrinology and Metabolism

Lenox Hill Hospital, North Shore – LIJ Health System, New York, NY

Division of Endocrinology, Diabetes and Metabolism

Tufts Medical Center, Boston, Massachusetts

Gerald J. and Dorothy R. Friedman School of Nutrition Science and Policy

Tufts University, Boston, Massachusetts

Sponsored by the Gerald J. and Dorothy R. Friedman New York Foundation for Medical Research









The Gerald J. and Dorothy R. Friedman New York Foundation for Medical Research is a non-profit, charitable organization dedicated to empowering scientists and clinicians focused on improving health and curing disease. It was established by Gerald J. Friedman, M.D., a lifelong New Yorker who earned his Bachelor's and medical degrees from New York University, and returned there to teach as full professor of medicine for most of his career. After serving as commanding officer of the 222nd Station Hospital in World War II, he joined the staff of Beth Israel Medical Center in New York City, where he stayed until 1993, holding many key positions: Chief of the Gerald J Friedman Medical Intensive Care Unit, Chief of Diabetes and Metabolism, Chief of Metabolism and Endocrinology, and President of the Center's medical board. For more than 30 years, beginning in 1957, he served as the International Medical Director for United Parcel Service.

He embraced this position as he did all challenges in his life with enthusiasm and eagerness to learn as much as he could. He wrote extensively on the management of diabetes, especially in the workplace at a time when many employers discriminated against people with this disease. In addition to being a superb diagnostician, internist, specialist in diabetes, cardiac disease, endocrinology and nutrition, he was active in a variety of related positions, holding top offices in the New York State Society of Industrial Medicine, the New York Occupational Medicine Association, the Industrial Medical Association and the Occupational Health Institute.

Dr. Friedman had a career-long interest in diabetes and held almost every post that existed in the New York Diabetes Association. Together with his wife Dorothy, a Boston-born pianist and recording artist, he helped to create the first summer camp for children with diabetes. Mrs. Friedman also became an active volunteer for Beth Israel Medical Center and the New York Diabetes Association.

For over a decade, the Foundation has generously supported advances in patient care, research and education at select institutions around the country including Beth Israel Hospital NYC where the foundation established the Friedman Diabetes Institute, the Gerald J Friedman Center for Lymphedema Research and Treatment, along with Chairs in Endocrinology, Radiation Oncology, and Pain and Palliative Care. In 2014, Friedman Diabetes Institute moved to Lenox Hill Hospital, in Manhattan's Upper East Side.

The Gerald J. and Dorothy R. Friedman School of Nutrition Science and Policy at Tufts University bears Dr. Friedman's name along with the Gerald J. and Dorothy R. Friedman Program in Diabetes and Metabolism and a Chair in Nephrology at Tufts Medical Center. The Foundation established a Chair in Alzheimer's disease at NYU Hospital, The Ian Copeland Musicians Fund for Melanoma Screening at UCLA's Jonsson Comprehensive Cancer Center and has supported programs in diabetes at UCLA, Mount Sinai Hospital NYC, and Siouxland Medical Education Foundation, as well as brain studies at University of California and Harvard Medical School. Since the inception of these programs, the Foundation has supported training of 44 fellows and graduate students, who have carried forward Dr. Friedman's legacy of dedication and devotion to the health and wellbeing of patients with diabetes, metabolic disease and nutritional disorders through clinical practice and policy change, and the advancement of knowledge through research and education.



Program

Time	Event/Topic	Presented by
5:30 - 6:00	Friedman Fellows meet with Drs. Jeffrey Flier and Terry Maratos-Flier The Westin Boston Waterfront, Marina Ballroom	Jeffrey Flier, MD Terry Maratos-Flier, MD
6:00 – 7:00	Poster session The Westin Boston Waterfront, Harbor Ballroom	Fellows
7:00 – 7:10	Welcome – Introductory remarks The Westin Boston Waterfront, Harbor Ballroom	Leonid Poretsky, MD Ronald Lechan, MD, PhD
7:10 – 7:30	Counting calories? Diet and Policy Priorities for Obesity Prevention The Westin Boston Waterfront, Harbor Ballroom	Dariush Mozaffarian, MD, PhD
7:30 – 7:45	Moderated poster session Drs. Terry Maratos-Flier and Jeffrey Flier will choose one or two posters to discuss with the audience.	Jeffrey Flier, MD Terry Maratos-Flier, MD
7:45 – 9:15	Debate & Dinner "Obesity – Nature or Nurture?"	
7:45 – 8:05	Case for Nurture	Terry Maratos-Flier, MD
8:05 – 8:25	Case for Nature	Jeffrey Flier, MD
8:25 – 8:35	Rebuttal	Terry Maratos-Flier, MD
8:35 – 8:45	Rebuttal	Jeffrey Flier, MD
8:45 – 9:00	Audience discussion	
9:00 – 9:15	Adjournment	



Terry Maratos-Flier, MD Associate Master of Francis Weld Peabody Society Professor of Medicine Harvard Medical School



Jeffrey S. Flier, MD
Dean of the Faculty of Medicine
Caroline Shields Walker
Professor of Medicine
Harvard Medical School

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Implementation of computer based learning modules in diabetes for first year internal medicine residents: A review of the first year of use	Renee Amori, MD; A. Ferris, MD; R. Paluzzi, MD; B. Simon, MD
Climate change and U.S. consumer food and beverage demand: assessing consumer responses to climate-induced quality changes in tea products, valuation of tea product attributes, and how risk perception and knowledge of climate change influences consumer willingness to pay for tea products	Rebecca Boehm, MS; Sean B. Cash, PhD; Timothy Griffin, PhD; Albert Robbat Jr, PhD; Selena Ahmed, PhD; John Richard Stepp, PhD; Nicole Kfoury, Doctoral Student; Amanda Kowalsick, PhD; Roy Desrochers, PhD; Colin Orians, PhD
Serum sclerostin levels following vitamin D and calcium supplementation	Lisa Ceglia, MD; Jason Nelson, MS; Bess Dawson- Hughes, MD; Anastassios G. Pittas, MD
Control of oral advanced glycation end products (AGEs) by sevelamer carbonate improves glucose metabolism and albuminuria in stage 2-4 diabetic kidney disease (DKD)	Julie Islam, MD; Elena Yubero-Serrano, PhD; Shobha Swamy, PhD; Elliot Rayfield, MD; Wei Cai, PhD; Xiu Chen, PhD; Elizabeth McKee, RD; Anita Kalaj; Friedricke Kruckelmann, MD; Lauren Tirri; Kamala Mantha; Jaime Uribarri, MD; Nikolas Harbord, MD; Ronald Tamler, MD; Mark Woodward, MD
Does irisin have an effect on female reproductive function? Initial in-vitro studies	Julie Islam, MD; Donna Seto-Young, PhD; Martin Lesser, PhD; Zev Rozenwaks, MD; Leonid Poretsky, MD
Presentation of a patient with an unusual composite pheochromocytoma-ganglioneuroblastoma	Iqra Javeed, MD; Arthur S. Trischler, MD; Michael E. Tarnoff, MD; Ronald M. Lechan, MD, PhD
Linking social capital and measure of food security in Tigray, Ethiopia	Jeeyon Janet Kim, MSPH; Karin Christianson; Daniel Maxwell, PhD; Robert Houser, PhD; Bapu Vaitla, PhD
Can household dietary data and AME assumptions accurately predict individual level food consumption in Ethiopia?	Jacqueline Lauer, MPH, MS; Jennifer Coates, PhD; Beatrice Rogers, PhD; Alemzewed Roba, MS; Yohannes Tesema, MS
Core body temperature decreases during weight loss in obesity	Lisa M. Neff, MD, MS; Dinah Zeiss, MS; Mindy Hoffmann, MD; Katherine Lowry; Monica Edwards, MD, MPH; Lewis Landsberg, MD
The effect of weight loss in obesity on brown adipose tissue activity	Lisa M. Neff, MD, MS; Kirsi A. Virtanen, MD, PhD; Mindy Hoffmann, MD; Dinah Zeiss, MS; Katherine Lowry; Monica Edwards, MD, MPH; Lewis Landsberg, MD
Women, food, and power: an examination of women's agricultural production, self-determination, and attitudes toward women in rural Nepal	Corey O'Hara, MS
Increasing access to healthy food on the Navajo Nation: Consumer, producer and retail perspectives	Emily Piltch, MPH
Life cycle environmental impacts of grass-fed beef production in the Northeastern U.S.	Nicole Tichenor, MS; Christian Peters, PhD; Gregory Norris, PhD; Timothy Griffin, PhD
LAT1 mRNA in brain blood vessels is regulated similarly to thyroid hormone transporters, OATP1c1 and MCT8, following lipopolysaccharide administration	Gabor Wittmann, PhD; Petra Mohacsik, MSc; Balazs Gereben, DVM, PhD; Ronald M. Lechan, MD, PhD
POMC mRNA and protein expression in non-neuronal cells of the rat hypothalamus: re-discovering a forgotten signal	Gabor Wittmann, PhD; Ronald M. Lechan, MD, PhD

Participants: Fellows

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