

TENTH ANNUAL GERALD J. FRIEDMAN FELLOWS SYMPOSIUM

Nutrition, Diabetes, and Human Health

Saturday, April 22, 2017 | 6:30-9:30 pm

Hilton Chicago

International Ballroom South

720 S. Michigan Avenue

Chicago, IL 60605

Hosted by:

Gerald J. Friedman Diabetes Institute
Division of Endocrinology and Metabolism

Lenox Hill Hospital, Northwell Health, 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



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



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, the 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 over 50 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, policy change, and the advancement of knowledge through research and education.



Program

Time	Event/Topic	Presented by
6:30 – 8:00	Poster session	Friedman Fellows
8:00 – 9:15	Lecture and dinner	
8:00 – 8:15	Welcome – Introductory remarks	Leonid Poretsky, MD Dariush Mozaffarian, MD, DrPH
8:30 – 9:00	Guest speaker <i>Topic: The Future of Food: Organic, GMOs and Beyond</i>	Andrew Kimbrell
9:15 – 9:30	Closing Remarks	Ronald Lechan, MD, PhD

Andrew Kimbrell, Executive Director, Center for Food Safety (CFS)



Andrew Kimbrell is an internationally recognized public interest attorney, public speaker, and author. He is the founder and Executive Director of Center for Food Safety (CFS). He also is Director of the San Francisco based Center for Technology Assessment, co-founder of Foundation Earth, and President of the Board of Humane Farm Animal Care (that administers the Certified Humane label).

As an attorney, Kimbrell has successfully challenged federal agencies in several historic court cases. He initiated the court challenge that resulted in a U.S. Supreme Court victory forcing, for the first time, EPA regulation of greenhouse gases and their impact on climate change. He also pioneered the legal strategy that led to the Supreme Court ruling that DNA is not patentable due to being a "product of nature." Through his leadership at CFS, Kimbrell has

been at the forefront of legal challenges to genetically engineered crops and lawsuits forcing FDA to adopt new food safety regulations. His legal work has also helped maintain the integrity of organic standards.

As an author and public speaker Kimbrell has been a leading proponent of regenerative forms of agriculture and organic policies. He is the editor of the nationally renowned book *Fatal Harvest, The Tragedy of Industrial Agriculture* and the author of *Your Right to Know: Genetic Engineering and the Secret Changes in Your Food*.

Kimbrell's articles and editorials have appeared in *The New York Times*, *Harpers*, *USA Today*, and numerous other print and new media publications such as *The Huffington Post*.

He has testified numerous times before the U.S. Congress and has been a featured speaker at dozens of colleges and universities around the country and other public forums including Google Author Talks, Slow Food Nation, Bioneers and Ecofarm. He is featured in several documentaries including "The Future of Food," "FRESH," and a critique of genetic engineering, "Life Running out of Control."

Kimbrell is also a noted expert on a wide range of technology and economic issues. His works in this area include his international best-selling book *"The Human Body Shop: the Engineering and Marketing of Life"* and the printed versions of his influential E.F. Schumacher lectures, *"Cold Evil: Technology and Modern Ethics"* and *"Salmon Economics."*

In addition to his legal degree Kimbrell also has a graduate degree in Psychology and has often written in the field including his book, *"The Masculine Mystique."* Besides his public interest work, Kimbrell's passions include his love of piano (stemming from his earlier career as a concert pianist), poetry, baseball, and wilderness fly fishing.

Kimbrell's many accolades include a spot on the Utne Reader list of the world's leading 100 visionaries, and *The Guardian* recognizing him in 2008 as one of the 50 people "most likely to save the planet."

Posters*

EGFR induces E2F1-mediated corticotroph tumorigenesis.	Takako Araki , Xiaohai Liu, Hiraku Kameda, Yukiko Tone, Kidenori Fukuoka, Masahide Tone, Shlomo Melmed.
Content validity of the Abbreviated Women's Empowerment in Agriculture Index (A-WEAI) in Ethiopia: A mixed methods approach	Marion Min-Barron , Shibani Ghosh, Beatrice Rogers, John Maluccio, Jennifer Coates.
Changes in clustering of diet, physical activity, and health behaviors in adolescents: Results from a county-level, multi-year initiative to reduce sugary drink consumption and obesity.	Rebecca Boehm , Kristen Cooksey Stowers, Marlene Schwartz.
Influence of alkali supplementation on circulating microRNA expression.	Lee Margolis, Bess Dawson-Hughes, Donato A. Rivas, Yassine Ezzyat, Roger A. Fielding, Lisa Ceglia .
The effects of irisin in reproductive system -Update 2017.	Julie R. Islam , Yu Kue Lin, Sandy Shen, Yael Hirth, Donna Seto-Young, Martin Lesser, Zev Rozenwaks, Leonid Poretsky.
Obesity effect on white adipose tissue expression levels of resistin and adenylyl cyclase-associated protein 1.	Anabel Garcia , Dimiter Avtanski, Penjamurthy Kuppusamy, Halis Sonmez, Valeriia Shnayder, Andrew Wolfe, Valentin A. Pavlov, Kevin J. Tracey, Leonid Poretsky.
Plasma levels of resistin correlate with adenylyl cyclase-associated protein 1 (CAP1) in diet-induced obesity mouse model.	Anabel Garcia , Dimiter Avtanski, Penjamurthy Kuppusamy, Halis Sonmez, Valeriia Shnayder, Andrew Wolfe, Valentin A. Pavlov, Kevin J. Tracey, Leonid Poretsky.
Atraumatic bilateral femur fractures secondary to longstanding GI malabsorption with subsequent multiple vitamin deficiencies.	Robin Koshy , Jacqueline Kung, Lisa Ceglia .
Risk factors associated with environmental enteric dysfunction (EED) in rural Southwest Uganda.	Jacqueline Lauer MS, MPH , Shibani Ghosh, Patrick Webb, Jeffrey Griffiths, Lynne Ausman, Christopher Duggan.
Looking forward while looking back: My decade of action in nutrition.	Denish Moorthy .
Core body temperature decreases during weight loss in obesity.	Lisa M. Neff , Dinah Zeiss; Mindy Hoffmann; Katherine Lowry; Monica Edwards, Lewis Landsberg.
Rationale and design of the BAT CAP Study: studying the effects of capsinoids on brown adipose tissue recruitment and activation in obesity.	Malini Soundarajan , Jie Deng, Xinkun Wang, Mary Kwasny, Dalya Abou-El Seoud, Paige Nelson, Amisha Wallia, Lewis Landsberg, Lisa M. Neff .
Rationale and design of the study BMI: An evaluation of beliefs, medical knowledge, and internal medicine trainee practice in obesity care.	Emily V. Nosova , Susan Young, Dalya Abou-El Seoud, Lisa M. Neff .
Assessing the value of eating patterns as markers of diet quality in a resource-constrained setting.	Corey O'Hara .
Red meat and cancer: putting the WHO report in context.	Kamal Patel , Bill Willis, Gregory Lopez.
Barriers and facilitators to obtaining produce on Navajo Nation: perspectives from small-store owners and customers.	Emily Piltch , Tim Griffin, Sonya Shin, Robert F. Houser.
Hereditary paraganglioma-pheochromocytoma syndrome associated with renal cell carcinoma in a patient with succinate dehydrogenase B mutation.	Scott Sperling , Ronald M. Lechan.
To feed or not to feed? The environmental and food supply impacts of recycling food waste into cattle feed.	Nicole E. Tichenor , Christian J. Peters, Gregory A. Norris, Timothy S. Griffin.
Exploring aflatoxin prevention and control practices in Banke, Nepal.	Johanna Y. Andrews-Trevino , Shibani Ghosh, Beatrice L. Rogers, Gerald Shively, Dale Davis, Kedar Baral, Patrick Webb.
Variable POMC immunostaining patterns suggest transient POMC expression in tanycytes and arcuate nucleus neurons of adult mice.	Gábor Wittmann , Ronald M. Lechan.
Functional mapping of refeeding-activated neurons in the paraventricular nucleus of the rat.	Gábor Wittmann , Györgyi Zséli, Barbara Vida, Csaba Fekete, Ronald M. Lechan.

*Friedman Fellows names are in bold print

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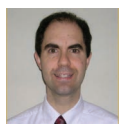
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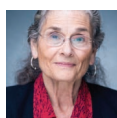
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In Memoriam



Donna Seto-Young, PhD
December 25, 1949 – November 11, 2016
Director, Endocrine Research Laboratory, 2007-2014
Gerald J. Friedman Diabetes Institute
Beth Israel Medical Center, New York, NY
Associate Professor of Medicine,
Albert Einstein College of Medicine, New York, NY

Guest Presenters

2017 Symposium



*Malini
Soundarrajan, MD*
Endocrinology Fellow,
Northwestern University
Chicago, IL



Emily V. Nosova, MD
Resident Physician, PGY-2,
Northwestern Memorial
Hospital, Department of
Internal Medicine, Chicago, IL

2012 Symposium



Mario Varon, BS
Design for Poverty
Alleviation, Boston, MA

2011 Symposium



Vanessa Sy-Po, MD
Friedman Diabetes
Institute/Beth Israel Medical
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2010 Symposium



Yvonne C. Fierz, MD
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*Byoung-Kyong
Min, PhD*
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Notes

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