Basic Science Theses by Mentor

Armin Alaedini, PhD
- Immunologic biomarkers in psychiatric disorders by Mary Ajamian (2012).
- Screening for cross reactivity between anti-gliadin antibody and synapsin I and epitope mapping of antibody response of synapsin I by Chaoyang Tong (2013).

Jon Barasch, MD, PhD

William Blaner, PhD

Jeffrey Bruce, MD
- Complement cascade activation following intracerebral hemorrhage and subarachnoid hemorrhage and its relation to patient outcome by Katherine Huether (2014).

Frances Champagne, PhD
- The effects of paternal food restriction on offspring and the mechanisms of paternal transmission in C57BL16 mice by Rebecca Eckler (2014).
- Impact of chronic, variable, food restriction on behavior and gene expression in male mice by Jeffrey Emilian (2014).

Mitchell Cairo, MD
- Molecular characterization of human umbilical cord blood (HUCB) derived stem cells by Albert Yang (2010).

Jeanine D’Armento, MD, PhD
- Macrophages-specific expressed matrix metalloproteinase-9 (MMP9) is a major contributor to lung cancer metastasis by Chien- Hung Gow (2010).

Jeanine D'Armento, MD, PhD and Asahiro Morshita, MD, PhD
- Mmp1a and Mmp1b are not functional orthologs to human MMP1 in cigarette smoke-induced lung disease by Phillip Carver (2013).

Richard Deckelbaum, MD
- Effects of dietary fatty acids on aortic macrophages in mouse models by Ji Young Kim (2011).

Mary DiGiorgi, PhD, MS, MPH and Emily Stein, MD

Linda Einbond, MD
- Growth inhibitory effects of digitoxin in combination with pravastatin or simvastatin on human breast cancer cells by Margaret Ford (2008).

Ellen Engelson, EdD
- Effect of substituting truvada for combivir vs. continuing combivir on blood lactate levels in HIV+ subjects by Usker Naqvi (2009).

Zachary Freyberg, MD, PhD
- A role for dopamine D2 receptors in antipsychotic drug-mediated weight gain by Ryan Anderson (2012).
- The role of dopamine D2 receptor in antipsychotic drug-mediated metabolic effects by Travis Morgenstern (2013).
- Role of dopamine D2 receptor in the regulation of glucose-stimulated insulin secretion by Zachary Farino (2014).

Isaac George, MD
- Staphylococcus aureus infective endocarditis is associated with worsened clinical characteristics than non-staphylococcus aureus organisms by Sang Myung Han (2014).
- Biomarkers of arctic value calcification by Lewis Hwang (2014).

Ira Goldberg, MD and Chad Trent, MS
- Regulation of the cardiac lipid droplet by Jason Lent (2011).

Ira Goldberg, MD and Raffay Khan, MD
- The role of cardiac fatty acid uptake during myocardial ischemia by Collette Harris (2011).

Jim Goldman, MD, PhD
- Characterization of transforming growth factor-β type II receptor expression in the neonatal mouse brain by Tyler Green (2009).
- Axonal loss in white matter in Alzheimer’s Disease by Rajya Kappagantula (2014).

Ulrich Hengst, PhD
- Production of the L1-GFP SinReplIRES virus construct to monitor membrane expansion in living rodent neurons by Claire Zimmer (2011).

Quan V. Hoang, MD, PhD
- Identifying and stunting pathologic myopia progression by Jamie Leong (2013).
- Gaze-induced axial length changes in patients with pathologic myopia by Katherine Chen (2014).

Li-Shin Huang, PhD
- The role of carboxylesterases (CES) in alcohol-induced fatty livers: generation and characterization of CES-expressing and alcohol- treated stable McArdle transfectants by Jaewoo Choi (2011).
- The role of triglyceride synthesis in the pathogenesis of alcoholic fatty liver disease by Sarahjean Kerolle (2013).

Wahida Karmally, DrPH, RD
- Study of the effects on energy expenditure, metabolism, and body weight in humans supplemented with leucine by Brett Barrett (2009).
Kathleen Keller, PhD
- Parent-reported earache quantity as a possible covariate in the discordance between PTC genotype-PROP phenotype by John Chen (2009).
- Examining differences in PROP mother-child taster pairs with regards to child BMI and caloric intake by Sehera Himami (2009).

Stavroula Kousteni, PhD
- The role of FoxO1 in bone by Ernestine Mitchell (2009).
- Mechanism by which circulating serotonin regulates osteoblast function: The role of different classes of transcription factors by Antoinette Jones (2010).

Philip La Russa, MD

Jonathan Lu, MD
- Characterizing induced pluripotent stem-cell derived cardiomyocytes for the study of KCNJ2-related Andersen-Tawil syndrome by Abe Segura (2012).

John Sanil Manavalan, MD
- Replicative senescence of circulating osteogenic cells in young men with perinatal HIV infection by Shenthuraan Thamararajah (2014).

Cathy Mendelsohn, PhD
- Vitamin A is directly needed in the wolffian duct to activate Ret expression for proper development of functional ureter-bladder connections by Catherine Kerns (2009).
- Retinoids and pancreatic endocrine progenitors: Using a retinoic-acid-signaling-deficient mouse model to determine if retinoids are required for β-cell differentiation by Sydney Thai (2012).
- Characterizing cell types in the urothelium investigating CLCA1 as a potential progestin cell marker by Warner Finstad (2014).

Cathy Mendelsohn, PhD and Hanbin Dan, PhD

John Morrow, MD

David Paik, MD
- Initial studies measuring the formaldehyde release of common and cosmetic preservatives by Kerry Cao (2014).
- The effect of using formaldehyde releasing agents (FARS) in collagenous corneal and scleral cross-linking as a new therapeutic approach to treating keratoconus and post-LASIK keratectasia by Yukari Shimizu (2014).

Alex Rai, PhD, DABCC, FACB

Ravichandran Ramasamy, PhD
- Aldose reductase and vascular inflammation in diabetic mice by Raju Chelluri (2009).
- The role of aldose reductase flux on oxidant stress in diabetic cardiovascular tissue by Mertalaine Mulatre (2009).
- A potential link between the polyol pathway, the glyoxalase system and apoptosis in diabetic rat hearts by MadHAV Vissa (2009).

Meenakshi Rao, MD
- The role of enteric glia in epithelial stem cell proliferation by Sophia Chiu (2014).

Christian Schulze, MD

Ulrike Schulze-Spate, DMD, PhD
- The effect of fatty acids on osteoclastogenesis by Saleem Azad (2010).
- CD36 plays a minor role in osteoclast differentiation by Collin Samji (2010).
- Association between periodontal disease with lipid and bone metabolism by Raylien Chao (2011).
- Palmitic acid is a powerful saturated fatty acid that can stimulate osteoclastogenesis in the absence of RANGL by Jong Hoon Park (2011).
- How diet composition can affect osteoclasts and subsequently bone architecture by Shan Gong (2012).
- Stimulatory effect of saturated fatty acid on osteoclast formation by modulating expression levels of proteins mediating osteoclastogenesis pathway by Byungueun Janice Ko (2012).
- Impact of high fat diets on bone metabolism studied in porphyromonas gingivalis induced alveolar bone loss by Munira Muluke (2013).
- Impact of porphyromonas gingivalis on bone remodeling through osteoclast differentiation by Tziporah Gold (2014).

Harry Shair, PhD

Carrie Shawber, PhD
- The role of the notch signaling pathway in lymphatic malformation by Lu Lin (2013).
- Beta adrenergic receptor expression is increased in lymphatic malformations and propranolol impacts lymphatic malformation progenitor cell fate by Maia Reiley (2013).

Stephen Sturley, PhD and Andrew B. Munkacsi, PhD
- Utilizing the yeast Niemann-Pick type C disease model to characterize the genetic interaction of PHS1 and NCR1 by Daniel Georgie (2011).

Stephen Sturley, PhD, Kelly Ruggles, MS, and Caryn Schectman, PhD
IHNS Thesis Projects (continued)

M. Elizabeth Sublette, MD, PhD

Carol Troy, MD, PhD
- The promiscuous role of XIAP when under the influence of amyloid beta: Implications in Alzheimer’s disease by Hannah Dalke (2011).

Stephen Tsang, MD, PhD
- Optimal protocol for the differentiation of retinal pigment epithelial cells from mouse embryonic stem cells by Katherine Wert (2009).
- Quantitative analysis of FAF imaging in Stargardt Disease: how textural indicators change with disease progression by Michael Bier (2014).

Aaron Turkish, MD
- The characterization of monoaicylglycerol acetyltransferase 3 by Alexander Tran (2008).

Joseph Vasselli, PhD
- The short-term effects of snacking on food intake in rodents by NaNa Keum (2010).
- The effect of acute and chronic triglyceride administration on leptin resistance in rats by Danielle Sanders (2011).

Silke Vogel, PhD
- Cellular retinol binding protein (CRBP)-I and -III and their effects on adiposity and metabolism in different mouse models by Nancy Yan (2009).
- The role of cellular retinol-binding protein, type III (CRBP-III) in adipogenesis by Grace Luk (2010).
- Diglycerol acyltransferase inhibitor prevents absorption of dietary triglycerides independent of gastric retention by Jonathan Davis (2011).

Clarissa Waites, PhD
- The effects of UbE2N knockout on synapse formation and function by Jenna Maggin (2012).
- Creating tools to probe ubiquitin conjugation machinery components in the neuron by Yuriy Shymkiv (2012).

Bernard Weinstein, MD
- Elucidation of the mechanism by which Hint1 functions as a tumor suppressor gene in human breast cancer cell lines by Tana Berman (2008).

Martha Welch, MD

Debra Wolgemuth, PhD and Sanny Chung, PhD
- Tubulobulbar complex alteration during spermiogenesis in RARα knockout and RARα antagonist treated testes by Arya Payan (2010).
- Microtubule alterations during spermatogenesis of RARα knockout and pan-RAR antagonist mice by Nika Vizzarri (2012).

Debra Wolgemuth, PhD and Enyuan Shang, PhD
- The effect of allele type in the alternative splicing of BRD2 mRNA by Lisa Coleman (2012).

Tilla Wor gall, MD
- Investigation of sphingolipid and cholesterol characteristics in CRFBCs by Eronwon Oronsaye (2008).
- Sphingolipids in cystic fibrosis plasma samples by Martin Guerrero (2009).

Darrell Yamashiro, MD, PhD
- Overexpression of Notch3 intracellular domain induces SY5Y neuroblastoma proliferation by Sae Kim (2009).
- The role of Jagged1 in cancer by Jinzhou Li (2010).

Ana Vasileva, PhD

Clinical Theses by Mentor

Julian Abrams, MD

Jeanine Albu, MD

Michael Argenziano, MD
The effects of preoperative supplement use on postoperative atrial fibrillation and postoperative outcomes in cardiac surgery patients by Renata Mazurek (2010).


Michael Argenziano, MD and Edward Chan, MD

Louis Aronne, MD
- Resistance exercise to sustain weight loss: The effect of resistance training on anthropometric characteristics, blood lipids, and C-reactive protein in overweight individuals by William Buniak (2013).

Louis Aronne, MD and Suzanne Wright, MS

Louis Aronne, MD and Alpana Shukla, MD, MRCP (UK)
- The clinical experience of using qysmia within a comprehensive weight control program by John Vitarello (2014).

Deniz Atalayer, PhD
- Change in neural responsivity to food stimuli during the fasted and fed state in pre- vs. post- bariatric surgery by Hyun Seung Roh (2012).

Nicole Avina, PhD
- Optimal prenatal nutrition: Maternal overweight and obesity, and what to eat to expect the best by Regina Vaisekonyte (2014).

Paul Berk, MD
- Comparison of long chain fatty acid uptake into omental and subcutaneous adipocytes in normal, obese, super-obese, and post-surgery super-obese patients by Hans Chiang (2013).
- Comparison of serum spexin concentration in obese and non-obese patients and the association of serum spexin and long chain fatty acid uptake in omental and subcutaneous adipocytes by Guanqi Hang (2013).

Marc Bessler, MD and Mary DiGiorgi, PhD, MS, MPH
- Characteristics and outcomes of patients who are lost to follow up after bariatric surgery by Raymond Baxter (2009).
- Patient loss to follow-up after laparoscopic adjustable gastric banding and gastric bypass by Camille Dunkley (2009).
- Comparison of the effectiveness of the transoral gastroplasty with currently available bariatric procedures by Soporthi Jinna (2009).
- Revision of failed adjustable gastric banding to gastric bypass by Monica Purohit (2009).

Tien Dam, MD
- Vitamin D supplementation for fall prevention in homebound older adults: A systematic review by Amy Yu (2011).
- Vitamin D is associated with cognitive functioning in community-dwelling older women: a cross-sectional study by Jamie McDonald (2012).
- Muscle strength improvements in older adults through low magnitude mechanical stimulation by Camille Ricciardi (2012).
- Effects of sensory and motor nerve function on body size and adiposity in older male adults by Ryan Miller (2013).
- An observational cohort study in geriatric depression and sarcopenia by Zachary Sharffman (2013).
- An investigation in the multifactorial contributors to the decline of lean mass and muscle function in older adults by Cecilia Huang (2014).
Robert Garofano, EdD

Robert Fryer, MD, PhD and Karen McKearney, NP

Robert Fryer, MD, PhD

Ilene Fennoy, MD, MPH

Ellen Engelson, EdD

Sidney Eisig, DDS

Mary DiGiorgi, PhD, MS, MPH

Richmond Deckelbaum, MD

- Proportion of cardiovascular disease (CVD) risk factors in HIV patients in Nairobi, Kenya on highly active antiretroviral therapy (HAART) by James Agapoff (2010).
- High prevalence of CVD risk factors in HIV patients in Nairobi by Sam Zehnari (2010).

Mary DiGiorgi, PhD, MS, MPH

- Outcomes of latino patients with Medicaid vs. private insurance following gastric bypass surgery by Adriana Aguilar-Vargas (2012).
- Behavioral factors which influence weight regain post bariatric surgery by Mitali Hariawala (2012).
- Factors related to weight regain following bariatric surgery by Talia Abecassis (2013).
- Food addiction and long term weight loss outcomes following bariatric surgery by Monica Sangal (2013).
- Factors leading to weight regain after bariatric surgery by Malik Khalifa (2014).

Sidney Eisig, DDS

- Investigating changes in blood chemistry and gastrointestinal function following maxillomandibular fixation by Stephanie Liu (2009).

Ellen Engelson, EdD

- The effect of maternal HIV Status on neonatal birth weight by Elissa Finkler (2010).

Ilene Fennoy, MD, MPH

- Baseline depression and quality of life and adherence to scheduled visits on post-surgical weight loss following lap-band surgery in adolescent patients by Loren Bach (2008).
- Associations of vitamin D status and insulin resistance in obese adolescents by Brienne Poole (2013).

Robert Fryer, MD, PhD


Robert Fryer, MD, PhD and Karen McKeary, NP

- The role of diet and lifestyle in the prophylaxis of pediatric migraine by Annabel Raby (2014).

Robert Garofano, EdD

- Response to treadmill cardiopulmonary exercise testing in obese and normal-weight subjects by Andrew Maidhof (2011).
- Pulmonary arterial hypertension patients utilize a greater percentage of their VO2peak during the six-minute walk test compared to healthy controls by Sarah Chamanara (2012).

- Increased pulmonary artery pressure correlates with decreased VO2 peak measured by cardiopulmonary exercise testing in patients with pulmonary arterial hypertension by Stefanie Lewis (2012).
- Oxygen uptake efficiency slope in healthy controls and patients with pulmonary hypertension by Benjamin Brink (2014).

Allan Geliebter, PhD

- Psychological and eating behaviors following roux-en-y gastric bypass surgery by Meghan Crawley (2008).

Allan Geliebter, PhD and Susan Carnell, PhD

- fMRI brain activation responses to food stimuli in obese individuals with binge eating disorder (BED), obese individuals without BED, and lean individuals without BED following a stressor by Leora Benson (2010).

Allan Geliebter, PhD and Alexis Conason, PsyD


Isaack George, MD, and Christian Schulze, MD, PhD


Jeanine Giacovelli

- Periodental disease and peripheral arterial disease: Is there a link? by Afshin Zartoshi (2008).

Elsa-Grace Giardina, MD

- Patterns of perception and weight-related knowledge and their effects on dietary behaviors by Carolyn Wu (2009).
- Children’s perceptions of their mothers’ body weight by Favia Merritt (2010).
- Association between weight status, body image perception, and depressive symptoms in women and children of an urban population by Laura Anderson (2013).

Melissa Glassman, MD

- Determinants of infant feeding practices of mothers at the NYPH Newborn Clinic: Delayed lactation among overweight and obese mothers by Adriene Giese (2011).
- Impact of NYP/CUMC newborn clinic on babies’ health outcomes in the first two weeks of life by Jasmyn Johal (2013).

John Glendinning, PhD

- The role of T1r3 in glucose tolerance by Eric Witmer (2011).
- Testing the reproducibility of previous studies on the effects of leptin on the peripheral taste system by Yvette Sosa (2014).

Lauren Golden, MD

- The creation of a predictive equation to determine which women have an increased risk for developing gestational diabetes mellitus (GDM) by Maria Migoya (2009).

Heather Greenlee, ND, PhD

- Biases against the obese: The implicit association test and a multi-faceted course on obesity by Grace Megumi Sotherden (2012).

Philip Grieve, PhD and Rakesh Sahni, MD

- Quality of diet and central nervous system activity in very low birthweight infants by Jacquelyn Piraquive (2012).
Holly Hull, PhD  

Joy Hirsch, PhD  

Joy Hirsch, PhD and William Hinkle  
- Supplemental covariate and appetite survey analysis for a functional magnetic resonance imaging study: Thinking about food by David Domblaser (2012).

William Inabnet, MD  
- Effect of small bowel resection with and without sleeve gastrectomy on diabetes in the Zucker diabetic fatty rat model by Uosa Koposombat (2009).

Daniel Javitt, MD, PhD  
- Can vitamin D supplementation decrease the mortality rate of people with schizophrenia? by Althea Crichlow (2010).

Wahida Karmally, DrPH, RD  
- Can education level, possession of health insurance, and frequency of doctor’s visits predict cardiovascular disease (CVD) risk factors in a CVD screening project at Columbia University Medical Center by Tabia Collins- Mitchell (2008).
- Lifestyle predictors of hypertension in older women from CUMC employees and the Washington Heights community by Hwa-te Tsai (2008).

Sudha Kashyap, MD, MBBS, DCH  
- Effects of aggressive nutrition on parenteral nutrition-associated cholestasis in very low birth weight (BW 500 – 1250 g) neonates by Angela Holuba (2010).
- The effect of early higher protein intake on hemoglobin concentrations and transfusion frequencies in very low birth weight infants by Erica Severson (2013).

Kathleen Keller, PhD  
- Use of food packaging and promotion to increase intake of fruits and vegetables in children at risk for overweight by Cassandra Johnson (2008).
- The effects of fat taste discriminability on BMI and food preference by Daniel May (2008).
- Parental feeding practices may be more important in determining BMI z-score, average energy intake and energy density than sensitivity to 6-n-propylthiouracil in children aged 4-6 years by Shama Sud (2008).
- Decreased ability to discriminate differences in fat content is associated with greater reported fat preference and intake in African- American adults by Lisa Liang (2009).
- The effect of child feeding practices on child weight status according to income group: Do certain CFPs place low-income children at an increased risk for obesity? by Phedra Penn (2009).
- Differences in food preferences and body mass index in children classified by their neighborhood food environment and sensitivity to 6-N-propylthiouracil by Carlye Burd (2010).
- Assessing children’s responsivity to food brands through the use of a picture-brand Stroop test and a laboratory meal by Bryan Deutsch (2010).

- The impact of children’s dietary variety on obesity risk and eating behavior in a laboratory setting by Karol Meyermann (2010).
- CD36 polymorphisms are associated with adiposity and fat preference in children by Christopher van Belle (2010).
- Assessing whether food neophobia moderates fruit and vegetable intake in a marketing intervention with promotional characters in four and five year olds by Laura Kuilema (2011).
- A cost-effectiveness analysis in the usage of licensed spokes characters and premiums to increase fruit and vegetable intake in children by Norman Lee (2011).

Harry Kissileff, PhD  
- Measuring beverage reward value using progressive ratio and ad libitum schedules: A device feasibility study and its potential for clinical applications by Jessica Chen (2011).
- Exogenous leptin administration increases satiation in weight-reduced humans by Vamsi Kalari (2011).
- Reward value of different milkshakes to human subjects can be inferred by the sipping amount and sip ratings by Zhi Gao (2012).

Harry Kissileff, PhD and Marie-Pierre St. Onge, PhD  
- Measuring reward value in women under sleep deprived conditions: A device feasibility study by Monica Patel (2012).

Judith Korner, MD, PhD  
- Surgical versus intense medical management as treatment for type 2 diabetes mellitus: Comparative changes in medication as an indication of effective glycemic control by Genevieve Hayek (2010).
- Surgery versus intensive life-style and medical management: Effects on glucose control and GLP-1 by Kyla Lara (2010).
- Prospective study of gut hormones after adjustable gastric banding, Roux-en-Y gastric bypass and sleeve gastrectomy by Mia Syn (2014).
Carol Kunzel, PhD
- Pediatric dentists' nutritional counseling practices: A national survey by Louis Formica (2010).

Elena Ladas, MS, RD
- Assessing the effects of weight status on survival and toxicity during treatment for pediatric acute myeloid and lymphoblastic leukemia by Divya Aggarwal (2014).
- Cross-cultural investigation of Traditional Complementary/Alternative Medicine (TCAM) use throughout Latin America by Kylie Ivanir (2014).

Blandine Laferrière, MD
- Carbohydrate malabsorption and accelerated intestinal transit time after gastric bypass surgery by Yani Harel (2009).
- Protein supplementation after gastric bypass surgery by Katrina Brakoniecki (2012).

Blandine Laferrière, MD and Roxanne Dutia, PhD
- Meal frequency, but not meal texture, affects satiety, but neither gastric emptying nor GLP-1 response, in severely obese individuals by Louis Wu (2013).

Carin Lamm, MD
- Sleep apnea in adolescent bariatric patients by Xiaoyu Liang (2010).

Joel Lavine, MD, PhD

Sally Ann Lederman, PhD

Suzanne Lewis, MD
- Quality of life in patients with celiac disease detected by screening vs. celiac disease detected by symptoms by Ruby Gardner (2012).

William Levine, MD
- Relative hypertrophy of the teres minor muscle in patients with massive rotator cuff tears correlates with maintained forward elevation and better subjective assessment of function by Anuli Mkparu (2008).

José Luchsinger, MD, MPH
- Relation of glycemic load in an elderly multiethnic cohort without diabetes with all-cause mortality by Nathalie Marchand (2012).

Christina Mangurian, MD
- Effect of a culturally-modified behavioral intervention for people with severe and persistent mental illness in a predominantly Latino community mental health clinic by Simriti Chaudhry (2009).

Marianne Garland, MB ChB

Karen McKearney, MS, CPNP-PC
- Reducing folate deficiency in women with epilepsy taking anti-epileptic drugs by Richa Garg (2008).

Dennis Mitchell-Lewis, DDS
- Maternal periodontal disease and its effects on oral cavity development of the preterm infant by Sorano Soperian (2012).

Catherine Monk, PhD
- Diet during pregnancy varies with women's mental health by Angeli Singh (2009).
- Dietary intake of Hispanic adolescents in each trimester of pregnancy and the relationship between carbohydrate intake and birth weight by Nicole Umanoff (2012).

Merle Myerson, MD, EdD
- The effects of anti-retroviral, methadone, albuterol, and psychotropic medications on the QTc interval in HIV-positive patients: A cross-sectional analysis of patients from the Center for Comprehensive Care by Kristen Island (2013).
- Determining the unique risk factors for the development of hypertension in HIV+ individuals by Jacqueline Litvak (2013).

Jennifer Nasser, PhD, RD and Carla Wolper, EdD, RD
- Relationship of low iron levels to binge eating disorder classification and food intake in obese women by Gillian Taormina (2011).

Kimberly Noble, MD, PhD
- The effects of home linguistic environment and socioeconomic status on cognitive development in children aged 5-7 by Amariel Ralbovsky (2014).

Roman Nowygrod, MD
- Recommendations for patients undergoing lower extremity revascularization and recommendations for patients with peripheral arterial disease by Rhett McKnight (2014).
- Biomarkers as indicators of outcome in patients undergoing lower extremity revascularizations by Richard Yu (2014).

Christopher Ochner, PhD
- Brain activation in individuals prior to and following bariatric surgery in response to liquid meal and differing appetitive stimuli by Keely Elgethun (2009).
- Reduction in brain activation in response to high caloric food cues predicts decrease in eating related outcomes following RYGB surgery by Elizabeth Hutchins (2010).
- A shift in food preferences: Changes in neural activation following gastric bypass surgery predict changes in desire to eat, liking, and restrained eating of food by Amy Yazdian (2010).
- Changes in neural responses to food cues following gastric bypass surgery in fasted versus fed conditions by Ladan Afifi (2011).
• Fasted versus fed state differences in neural responsivity to food cues pre- and post-gastric bypass surgery for obesity by Danielle Binler (2011).
• Changes in neural responsivity and desire to eat for high-vs. low-calorie food cues from pre-gastric bypass surgery to 24-36 month follow up by Dulce Barrios (2012).
• The sustainability of changes in neuroresponsivity and food preference 24-months post-RYGB surgery by Clement Lee (2012).

Manuela Orjuela, MD

Nadia Ovchinsky, MD
• Prevalence of screening for non-alcoholic fatty liver disease in overweight and obese children: Single-center experience by Erin Chu (2012).

Drew Ramsey, MD
• The impact of nutrition on adult brain health: Observational associations, potential mechanisms, & therapeutic value of omega-3 fatty acids, folate, & flavonoids in mood & cognitive function by Mala Nimalasuriya (2012).
• Ketogenic diets and mental health by Carlos Cortés (2013).

John Rausch, MD, MPH
• Pediatric obesity and asthma in the EMR: An assessment of health care provider screening practices and the consequences of pediatric obesity by Liana SuTin Lau (2013).
• Quantifying pediatric overweight/obesity by Christopher Shim (2014).

Michael Rosenbaum, MD
• Resistance training-induced changes in skeletal muscle gene expression, in particular myosin heavy chain by Victoria Billero (2012).

Rakesh Sahni, MD
• Early parenteral to enteral nutritional transition does not affect weight growth velocity, gastrointestinal morbidity or length of hospitalization in very low birth weight infants by Eleanor Estébanez (2012).

Christian Schulze, MD, PhD
• Epicardial fat and its clinical relevance by Christine Greer (2010).
• The impact of left ventricular assist device (LVAD) placement on cardiac extracellular matrix remodeling in patients with advanced heart failure by Parvati Singh (2010).
• Neutrophil gelatinase-associated lipocalin (NGAL) correlates with impaired renal function, corrects after ventricular assist device placement and predicts clinical events in patients with advanced heart failure by Katherine Pronschinske (2011).
• The impact of mechanical unloading through ventricular assist device placement on ST2/L-33 signaling in patients with advanced heart failure by Sylvia Qiu (2011).
• Increase bone turnover and resorption in patients with advanced heart failure is corrected by hemodynamic improvement through ventricular assist device implantation by Christina Wu (2011).
• Skeletal muscle function and metabolism improve in advanced heart failure patients undergoing left ventricular assist device (LVAD) implantation by Katherine Xu (2012).

Christian Schulze, MD, PhD and Tomoko Kato, MD, PhD
• Hepatic dysfunction in ambulatory patients with heart failure: Application of the MELD scoring system for outcome prediction by Margaret Kim (2012).
• Relationship of postoperative complication and mortality in patients undergoing left ventricular assist device surgery by Liyi Jiang (2013).

Ari Shechter, PhD
• The effects of CPAP use on energy expenditure and intake in obstructive sleep apnea by Tiffany Pham (2014).

Wei Shen, MS, MD
• The role of body composition in the competitive relationship between bone marrow adipose tissue and bone mineral density in normal and osteoporotic subjects by Lauren Cook (2009).
• Relationship of MRI-measured bone marrow adipose tissue and dual-energy absorptiometry-measured bone mineral density by Peter Alarcon Manchego (2010).
• Relationship between bone marrow adipose tissue and volumetric bone mineral density using MRI and DXA by Don Kim (2011).
• A competitive relationship between bone fat and bone in postmenopausal Caucasian women by Yoon Kim (2011).
• The inverse relationship between bone mineral density and bone marrow adipose tissue in children and adolescents by Gilbert Velasquez (2012).
• Skeletal muscle mass changes with weight loss during a six-month clinical trial assessed by magnetic resonance imaging by Michelle Baer (2013).
• Bone mineral density as impacted by pregnancy and lifestyle intervention by Jessica Weiss (2013).
• Relationship between MRI-measured bone area and bone marrow adipose tissue in cortical bones by Nicholas Buniak (2014).
• MRI measured bone marrow adipose tissue inversely related to cortical bone area in children by Kuang Zong (2014).

Sarah Shragger-Lusman, MD
• Nutritional status trends in pediatric cystic fibrosis at the Morgan Stanley Children’s Hospital by Samantha Stone (2012).
• Nutritional decline in children with cystic fibrosis: two studies examining long-term intervention and psychosocial risk factors by Ashley Falzone (2013).

Alfred Slonim, MD
• Literature review and preliminary study of dietary exclusion, nutraceuticals and growth hormone as a therapy for Crohn’s disease by Jordan Hughes (2011).
• Juvenile Crohn’s disease: Growth hormone and nutritional therapy, a placebo controlled trial by Erin Ly (2011).
• Characterization of chronic fatigue syndrome as a mitochondrial disorder: A therapeutic feasibility study by Chelsie Warshafsky (2011).
• The use of recombinant human growth hormone, nutraceuticals, and exclusion diet in treating Crohn’s disease by Hisham Elsayed (2012).

Douglas Sproule, MD
• Muscular dystrophy cohort receiving prednisone: A timeline comparison of nutritional status by Oluwatosin Akintola (2010).
• Using standard anthropometric measures to determine the physical and nutritional status of individuals with type I and type II spinal muscular atrophy by Steven Davis (2010).
• Investigating the nutritional requirements of spinal muscular atrophy type 1 and type 2 patients by Laura Courage (2012).
• The association between function and adiposity in spinal muscular atrophy by Dimitri Tahal (2012).

Douglas Sproule, MD and Wahida Karmally, DrPH, RD

Tanya Spruill, PhD
• Telephone-based lifestyle intervention to reduce blood pressure in pre-hypertensive patients: An analysis on BMI, physical activity, and dietary changes by Benjamin Tran (2009).

Marie-Pierre St. Onge, PhD
• Cortical responses to visual and tactile presentations of food items in lean women: an fMRI study by David Fischel (2008).
• Gender differences in the effect of coffee mannooligosaccharides on body composition in overweight humans by Taylor Salindari (2008).
• An analysis of the behavioral factors associated with childhood obesity in young children by Ami Vikani (2008).
• Sleep duration and energy balance by Jennifer Ahn (2009).
• Study of free living energy intake and the neuronal activation involved in feeding behavior during regular sleep versus short sleep by Zalak Trivedi (2009).
• The effect of capsinoids on weight loss and metabolic risk factors in calorie-restricted, overweight men and women by Ronald Fong (2010).
• Ginger consumption enhances the thermic effect of food and promotes satiety in overweight men by Muhammad Mansour (2010).
• Effect of partial sleep restriction on neuronal activity in response to visual food stimuli in men and women: An fMRI study by Andrew McReynolds (2010).
• Sleep deprivation increases energy and fat intakes and alters hormones related to appetite in normal weight men and women by Sari Tepper (2010).
• The impact of medium and long chain triglycerides on food intake and appetite-related hormone concentrations in overweight men by Xinyue Tong (2010).
• Influences of medium-chain and long-chain triglycerides on the control of food intake, appetite and meal size by Cristian Farcy (2010).
• Effects of ginger consumption on metabolic profile and inflammation in overweight men by Yu-Ming Ni (2011).
• The effects of coffee-derived mannooligosaccharides supplementation on serum lipid plasma levels in overweight adults and the importance of slice location for assessing change in total visceral adipose tissue by Stacy Tsai (2011).
• The effects of reduced sleep on neural responses to healthy, non-healthy and non-food stimuli by Scott Wolfe (2011).

• Impact of breakfast, as part of a weight-loss intervention, on body-mass index and dietary quality in obese, elementary school children by Christy Buck (2012).
• Effect of sleep timing, independent of duration, on food intake and metabolic control of body weight by Benjamin Chester (2012).
• Sleep duration and timing: A two-fold look into their effects on energy balance by Jonathan Alexander (2013).
• Neuronal stimulation by food cues differs by feeding status in obese and normal weight women: An fMRI study by Mike Kim (2013).
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• Development of a pilot clinical trial to test the safety and efficacy of secretin/oxytocin therapy for Crohn’s disease by Mark Riley (2013).
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• Impact of the family nurture intervention study on pre-term intestinal microbiome and brain development by Reid Wilson (2013).
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Jeffrey Weinberg, MD

Carolyn Westhoff, MD, M.Sc
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- Clinical exercise testing in severely overweight adolescents by Kavin Sundaram (2013).
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- Infectious diseases and health outcomes by Huan Dong (2013).
- Proportion of discharges against medical advice and odds of 30-day readmission among HIV infected patients at NYP-Columbia by Katherine Harwood (2014).

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Ian (Yi Han) Ang, MA
- The effects of price reduction on body weight and consumption; perceived barriers to fruits and vegetables and the role of nutrition knowledge in a supermarket study by Jinsu Sohn (2013).

Stephen Arpadi, MD

Sabrina Baronberg, MPH, Kathleen Keller, PhD, and Cathy Nonas, RD, CDE

Michelle Barrett, MD

Bernadette Boden-Albala, MPH, DrPH
- Pilot testing of FURRHER: families understanding risk reduction through health education research by Ohmar Myint (2009).

Tavora Buchman, PhD

Rosanna Campitelli
- Bed Stuy’s health: Using maps to address risk factors for poor health by Lam Vo (2010).

Lina Cherfas
- Diabetes focused community health worker interventions in Northern Manhattan and South Bronx: Efforts of the BBKH coalition by Joshua Rae (2009).

Courtney Chinn, DDS, MPH, and Burton Edelstein, DDS, MPH
- Predictors of early childhood caries: The role of social and behavioral determinants in pediatric oral health interventions by Michelle Faroumish (2012).

Alwyn Cohall, M.D.,
- Take Care of That Body: An after school health and nutrition curriculum for adolescents and teens by Andrew Boulos (2008).
- Take Care of That Body: Pilot project 8 and 4 week trials by Kyle Johnson (2008).

Michael Conard, RA, NCARB
- Evaluating the available data and barriers to increasing the supply of healthy regional foods: An apple case study in the New York state food system by Brittany Kunza (2011).
- Regionalizing grain production in the state of New York by Eric Xu (2013).
- Assessing barriers to healthy food items and increasing urban agriculture: a binary approach to decrease diet related diseases by Victoria Gordon (2014).

Ian Darmon-Hill, MD, PhD
- International trends and prospects towards the Millennium Development Goals on aspects of food and nutrition: Role of public/private partnerships by Tim Hsia (2008).
- Evaluating a multisectorial activity to accelerate progress toward the MDG 1 hunger and undernutrition target; a proposed methodology by Megan LaBoe (2009).

Richard Deckelbaum, MD
- Preventing malnutrition: A systematic review assessing the impact of agrodiversity interventions on nutritional status in lower income countries by Bram Wispelwey (2008).

Jay Dubner, MS

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Jessica Fanzo, PhD
- Assessment of Ghana Millennium Village School meal program as an effective nutritional intervention by Olivia Reid Linthavong (2008).
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- The investigation of conflict and other factors as determinants of stunting in Timor Leste by Giovanna Deluca (2014).

Lynn Fredericks
- Strategies to battle childhood obesity: encouraging healthy food options in New York City public schools through the "Junior/Teen Iron Chef" afterschool program by Natasha Singh (2009).
- Building a systems approach to empower healthful food choices among urban high school students by Alison Maringo (2010).
- Promoting the development of self-efficacy and healthy behavior change in high school students through a Culinary Nutrition Education Program by Katherine Becker (2011).
- Harper youth leaders & seniors collaborating to inspire healthy food choices through Teen Battle Chef by Neel Joshi (2012).
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- Efficacy of teen battle chef program to shift the academic performance and health behaviors in NYC high school students by Hyunwoo Park (2014).
- Using a knowledge and skill-based intervention to improve the cooking skills and self-efficacy in adolescents, and the influence on friends and family by Nicole Silva (2014).

Elsa-Grace Giardina, MD
- Patterns of body size perceptions and heart disease knowledge among female Hispanics in Northern Manhattan by Lorraine Mull (2008).
- Pilot study of a church-based intervention program designed to reduce risk factors of cardiovascular disease by Nigist Tadesse (2010).
- The intergenerational role of gender in weight perception and body image in minority women and children by Sharon Song (2011).
- Cardiometabolic risk in young Caribbean Hispanic women: relationship to body size misperception, cardiovascular disease knowledge, aerobic exercise and depression by Dena Hayes (2014).

Melissa Glassman, MD
- Breastfeeding background and determinants of infant feeding practices of mothers at the NYPH newborn clinic by Emily Vroegindewey (2010).
- Determinants of infant feeding practices of mothers at the New York Presbyterian Hospital (NYPH) newborn clinic by Jane Lim (2011)

Patricia Hamet, MD and Stephanie Pitsirilos-Boquin, MPH
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- Classroom connections expansion project: 6th-8th grade by Jaimee Davis (2014).

Anna Hammond
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Julie Herbstman, PhD and Sally Ann Lederman, PhD

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- Seed to Plate: An analysis of sustainable eating education in New York City public schools by Alexa Squillaro (2012).

Melissa Ip, RD

Kathleen Keller, PhD
- Characterization of food marketing to children in Manhattan grocery stores: A descriptive pilot study by Sonia Singh (2009).

Harry Kissileff, PhD, Kathleen Keller, PhD, and Eugene Dinkevich, MD.

Pamela Koch, EdD, RD
- Understanding adolescent food choices through personal stories by Sarah Edquist (2008).
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- Earth Friends and Food Fitness: From the design and development of an interactive educational experience to the evaluation of healthful food accessibility in central Brooklyn by Debra Berry (2010).
- Student leadership in nutrition education by Rosara Milstein (2011).

Louise Kuhn, PhD
- Pilot study of the gut microbiome, breast milk oligosaccharides and infant health in Haiti by Erin Byrt (2012).

Ira Lamster, DDS, MS
- Periodontal status and tooth loss associated with diabetes and obesity: analysis of data from the Marshfield Clinic by Nandini Shrama (2014).

Phillip LaRussa, MD
Sally Ann Lederman, PhD
- Complementary foods and RUTF-like products for the treatment or prevention of moderate malnutrition by Jan Willem van Klinken (2010).

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- New York City’s unique urban homeless populations by Lee Isaacsohn (2010).
- Designing and implementing “Stirring the Pot”: A nutrition intervention program at Harlem hospital by Katherine Baumann (2013).
- Stirring the Pot: nutrition education, cooking skills classes and rooftop garden program for patients with congestive heart failure at an urban community hospital by Kenan Celtik (2013).
- The effect of diet intervention program on the readmission rates of patients hospitalized for congestive heart failure by Karyn Meshbane (2013).
- “Stirring the pot” a CHF nutritional intervention program at Harlem Hospital by Lauren Beck (2014).
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Deborah Ndao
- Evaluation of a worksite wellness healthy lifestyle challenge program among university employees by Lindsay Vickroy (2014).

Jeri Nieves, PhD
- Proposing a youth-oriented osteoporosis prevention program by Timothy Murphy (2008).

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Anne Paxton, PhD
- Study on immigration, assimilation and nutrition in West African immigrants to New York City by Nicole Cevette (2010).
- Influence of demographic and socio-cultural factors on diet patterns of South Asian families after migration to America by Abanti Zakaria (2010).

Melissa Pfugh, MS, RD

Stephanie Pitsirilos-Boquín, MPH

Stephanie Pitsirilos-Boquín, MPH and Kelly Schunk, MPH
- The Viva tu Vida/Live Your Life campaign: A community based participatory approach for the prevention of childhood obesity in Washington Heights and Inwood, New York City by Erek Nelson (2011).

John Rausch, MD
- Breastfeeding barriers in a mostly Latino population by Allyson Hodgkins (2012).

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- Accessing dietary patterns of individuals living in low socioeconomic status neighborhoods throughout New York City by Mohan Natrajan (2013).

David Seres, MD, ScM, PNS
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