The Department of Nutritional Sciences
Spring 2020 Seminar Series

“Bariatric Surgery for Type 2 Diabetes: More Than Just a Gut Feeling”

Ankit Shah, MD
Assistant Professor of Medicine, Division of Endocrinology, Metabolism and Nutrition
Rutgers-Robert Wood Johnson Medical School

Host: Sue Shapses, PhD
Department of Nutritional Sciences, Rutgers University

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Food Science and Nutritional Sciences Building,
65 Dudley Road, Conference Room 120

Prevalence of obesity and type 2 diabetes mellitus continue to rise in the US and globally. Lifestyle modification and pharmacotherapy have limited efficacy and durability for both conditions propelling bariatric surgery to become a commonly used strategy. Along with limiting food intake, bariatric surgery leads to several metabolic changes that mediate improvement in glycemia after intervention. Both weight dependent and independent mechanisms exist to explain this phenomena and ongoing research using both animal and clinical models offer insight into the pathophysiology of obesity and type 2 diabetes with the potential for new treatment modalities.