Dr. Michelle Kimple is looking for a post-doctoral research associate to join her team studying dysfunctional cell signaling pathways in diabetic beta-cells in both type 1 diabetes and type 2 diabetes, and how these pathways can be targeted with new and improved therapeutics and/or dietary interventions. The particular project for this post-doctoral associate for the first year will be to determine the optimal timing for diet modifications in a mouse model of type 2 diabetes, with the goal of determining whether dysfunctionally up-regulated prostaglandin synthesis is playing a role in disease pathophysiology and whether this can be reduced non-pharmaceutically. In addition, the incumbent would optimize the mass spectrometric analysis of human plasma samples to quantify levels of prostaglandins and other arachidonic acid metabolites, correlating them with measures of beta-cell function. These model systems and methods could serve as the foundation for a highly-productive postdoctorate, but opportunities to become involved in other aspects of our research program will always be available and encouraged for the motivated candidate.

To apply for this position, please contact Dr. Kimple at mkimple@medicine.wisc.edu and provide your statement of interest, CV, and the contact information for three references.

For more information on Dr. Kimple's research program, please visit:
http://www2.medicine.wisc.edu/home/endocrinology/kimplelab