

**Indiana University-Purdue University  
Indianapolis**  
**Department of Mathematical Sciences**

STATISTICS SEMINAR

12:15pm—1:15pm, Tuesday, August 31, 2021  
Zoom Meeting: Meeting ID: 845 0989 4694

**Speaker:** Yiping Ma  
*Department of Mathematical Sciences, IUPUI*

**Title:** An investigation on Relationships between User Behavior and Diabetes Index

**Abstract:**

Healthcare applet is finding ways for making scientific advice to users when dealing with diabetes. When working with HCPs, there is a lack of consistency for individual therapy advice even when looking at the same set of therapy data. Scientific basis for making most effective therapy improvement is needed to get patients into a well controlled state. In this intern project, statistical analysis is performed on real clinical data, trying to indicate whether a certain relation exists between therapy success and patient behavior in specific conditions.