### Principal Investigator
Michael R. Rickels, MD, MS

### Study Title:
Glycemic Variability and Fluctuations in Cognitive Status in Adults with Type I Diabetes (GluCog)

### Purpose:
To characterize the impact of glycemic excursions on cognition in Type I diabetes and how variables such as stress, negative affect, and fatigue impact the relationship between glycemia and cognitive status.

### Brief Description
Study participant wears a blinded continuous glucose monitor (CGM) and performs repeated cognitive assessments over 15 days via a downloaded and secured smartphone app.

### Eligibility
- Males and females ages 18 and older
- Type I diabetes for at least 1 year
- Not using real-time continuous glucose monitoring
- Access to a smart phone and reliable internet access
- Speak and read fluently in English
- Agree to complete multiple brief daily cognitive and psychological assessments

### Compensation (if applicable)
Compensation up to $135.00

### Name
Patricia Bourne

### Phone
(215) 573-1843

### Email:
patricia.bourne@pennmedicine.upenn.edu