

## ***GRADUATE STUDENT SEMINAR***

**Guest Speaker: Jacob Zoromski**

**University of Notre Dame**

**Date:** Tuesday, January 24, 2023

**Time:** 4:00 PM

**Location:** 258 Hurley Hall

**Zoom URL:** [notredame.zoom.us/j/93888654312](https://notredame.zoom.us/j/93888654312)

***Lecture Title:***

**The History of Calculus**

***Abstract***

The real number line, functions, limits, derivatives, integrals. When we teach a standard calculus course, these are the main concepts we cover. But calculus wasn't always understood in these terms. How did these ideas develop? We will trace the history of calculus, from its roots in the area-finding of ancient Greeks, to its modern logical foundation(s). Along the way we will see how our mathematical predecessors viewed geometry, number, and infinity.