**Title:** *Clostridium difficile* differentially alters structure and metabolism of distinct cecal microbiomes to promote sustained colonization during infection

**Authors:** Matthew L. Jenior1, Jhansi L. Leslie1, Vincent B. Young1,2, and Patrick D. Schloss1

**Affiliations:**

1.) Department of Microbiology & Immunology; University of Michigan, Ann Arbor MI,

2.) Department of Internal Medicine, Division of Infectious Diseases; University of Michigan, Ann Arbor MI

**Corresponding Author:** Patrick D. Schloss

**Contact Information:**

Matthew L. Jenior – mljenior@umich.edu

Jhansi L. Leslie – jlleslie@umich.edu

Vincent B. Young – youngvi@med.umich.edu

Patrick D. Schloss – pschloss@umich.edu