**Undergraduate Research Position – Intestinal Morphology and Imaging**

**Position Description:** We are looking for a motivated undergraduate student who is interested in learning about morphology and histology of the gastrointestinal tract to assist us with several research projects related to interactions between the intestine and the bacteria that colonize it (intestinal microbiome). The selected student will learn how to stain and image tissue, as well as how to measure biological outcomes with image processing software, while collaborating with our group at the Nationwide Children’s Hospital (NCH) under the direction of Dr. Michael Bailey.

**Recommended Majors:** Animal Sciences, Biochemistry, Biology, Biological Engineering, Biomedical Science, Computer Science and Engineering, Health Sciences, Human Nutrition, Medical Dietetics, Pre-Medicine, Zoology; or any field of study related to biology, health, and/or computer programing

**Potential Interests:** Research, Biology of the gastrointestinal tract, Nutritional/medical physiology, Computer processing of biological images for research data

**Starting Date:** February 2018

**Compensation:** 3-4 hours of research credit per semester upon approval from your academic adviser. Transferable skills in critical thinking and biological research.

**Time Commitment:** At least 8 hours per week, with two days committed to physically being in the lab at NCH

**Other Recommendations/Requirements:**
- GPA - 3.0 or higher
- Sophomore or higher status
- While a shuttle does transport students between NCH, the student may be required to arrange for other transportation during times that the shuttle is not operating.

**If interested,** please email a 1-2 page resume and short cover letter describing your interest to brett.loman@nationwidechildrens.org.