**Rigor and Reproducibility Training**

To address the NIH requirements concerning scientific rigor and reproducibility (NOT-OD-16-011), Rutgers School Graduate Studies piloted a series of webinars that is funded by an NIH R25 grant (PI: DiCicco-Bloom) and developed in collaboration with the Society for Neuroscience (Promoting Awareness and Knowledge to Enhance Scientific Rigor in Neuroscience). The Biomedical Sciences graduate programs in New Brunswick/Piscataway are now requiring all incoming PhD students to take a biostatistics courses to ensure Rigor and Reproducibility training for all biomedical PhD students. It is up to the student to decide which class they would like to take to fulfill this requirement: "Statistics in Biomedical Science”, "Deeper Data Analysis for Neuroscience and Psychology”, or "Interdisciplinary Biostatistics Research Training for Molecular and Cellular Sciences: Enhancing Rigor and Reproducibility” funded by the supplement to a T32 Biotech Training grant. These are all 3 credit courses and in addition to teaching statistical approaches and using computer programs to perform statistical analysis cover the following topics: Determining Power, Defining Endpoints. Randomization, Blinding, Assay Expertise Level, Data Management / Analysis, Data Inclusion / Exclusion, Bias, Reproducibility, Statistical Theory, Statistical Methodology. Postdoctoral researchers are expected to attend an annual 2 hour in-person workshop that covers the concepts listed above as well as case discussions based on the NIH Training Modules in Rigor and Reproducibility. All researchers at Rutgers have access to the services of RUBIES that provides statistical support, including design, programming, data management and data analysis (https://sph.rutgers.edu/rubies/about)