

**Dan L. Duncan Institute for Clinical and Translational Research**

**ICTR Data Science Seminar**

**Monday, May 1, 2023**

12:00 – 1:00 PM

Zoom Broadcast

<https://bcm.zoom.us/j/97241380971?pwd=ZjRSbGlTOUNSWnAvRjE4WXhad1Y0UT09>

*“Applications of Git and GitHub for bioinformatics research”*

Presented by

**Bo Peng, Ph.D**

Git is a powerful version control system that allows you to track changes to your code, while GitHub is a web-based platform that provides Git hosting and additional features like issue tracking, code review, and collaboration tools. In this seminar, I will cover the basics of Git and GitHub and how to use them for scientific research. Topics that will be introduced include setting up Git and GitHub, creating repositories, tracking changes, and collaborating with others on your research projects. I will also cover best practices for using Git and GitHub in a scientific research context, such as using descriptive commit messages, handling of sensitive information and large data files, and use of tags and milestones.

This seminar is suitable for researchers who are relatively new to Git and GitHub and are interesting in managing research projects with these tools, potentially using the ICTR GitHub organization (<https://github.com/ictr>).