DBDS Workshop in Biostatistics
Contact kkanagaw@stanford.edu for required webinar password.

| DATE: | May 21, 2020 |
| TIME: | 1:30-2:50pm |
| TITLE: | How to make AI forget you? Adventures in making algorithms more grown-up. |
| SPEAKER: | James Zou  
Assistant Professor, Biomedical Data Science at Stanford University and Chan Zuckerberg Investigator |

Abstract:

This talk explores what it means to develop "grown-up" machine learning algorithms and why they are critical for applications such as medicine and healthcare. I propose three desiderata for grown-up learning algorithms: accountability for mistake/success, transparency in predictions, and flexibility in giving individuals control over their data. These properties turn out to be quite different from what is typically used or studied in machine learning and statistics. I will propose some technical definitions, example applications in healthcare and new algorithms that take an initial step in this direction. We will also teach people (briefly) how to read heart ultrasound.

Suggested Readings: