Algorithms for DNA Sequencing

Over the past couple of decades, the amount of sequenced DNA has increased at an exponential rate. In this talk, we look at the large data sets generated by DNA sequencing technology and at algorithms for extracting insights from this wealth of data. We will focus on computational models and methods that incorporate sequencing data for the purpose of elucidating some of the most elusive genes in a genome, both where the genes reside in the genome and how they act within a cell.

Wednesday, February 4, 2015
4:00 pm
Seeley Mudd 206
Refreshments in Seeley Mudd 208 at 3:30 pm