

**University of California, Irvine
Statistics Seminar**

About Flu, Brain and Gut

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**Thursday, January 12, 2017
4 p.m., 6011 Bren Hall
(Bldg. #314 on campus map)**

In this talk, I will provide a quick, general and informal overview of some recent research topics. More specifically, I will describe a novel class of Bayesian Nonparametric models, and discuss how they can be used to assist in the detection of flu outbreaks for the purpose of public health surveillance. I will also discuss recent proposals for the study of Dynamic Brain Connectivity networks and the study of diversity of microbial communities. In all cases, after a general introduction, I will outline current and future research challenges, highlighting the communalities among topics. The presentation will be characterized by a limited amount of formulas, and aimed at spurring further discussion and feedback from the participants.

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