

**University of California, Irvine
Statistics Seminar**

***Decreasing Weights Bayesian Nonparametric Mixture Models
and their Applications***

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**Tuesday, March 13, 2018
4 p.m., 6011 Bren Hall
(Bldg. #314 on campus map)**

Random probability measures constructed via species sampling models with decreasing weights present a very tractable alternative to other nonparametric priors. In this talk, we will revise their construction and various aspects related to this class of models. In particular, we will discuss aspects such as density estimation, clustering, identifiability as well as some applications in regression and time-dependent scenarios.

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