Postdoctoral Associate Positions in High-Dimensional Modeling

Duke University invites applications for multiple Postdoctoral Associate positions focused on developing novel Bayesian, machine learning and signal processing methodology for massive-dimensional structured datasets. Although the over-arching focus is on developing fundamentally new modeling frameworks and algorithms, motivation is drawn from global studies of biodiversity collecting unprecedented data on millions of species of insects, fungi, animals and birds, a large number of which are currently unknown to science. The positions will be supervised by Professor David Dunson.

Candidates are expected to have a PhD in statistics or a related field, and (ideally) to have experience in Bayesian modeling and computation including in complex and challenging settings. The position will require skills in handling very large datasets and in developing novel computational frameworks for model-based inferences from such datasets in collaboration with ecologists. In addition, successful candidates will be adept at working in inter-disciplinary teams and at mentoring students of all levels. There will be substantial opportunities for travel to Europe and other locations associated with the project.

To apply, submit a current CV, list of three references, and a statement of interest to https://academicjobsonline.org/ajo/jobs/15088.

Questions about the position should be emailed to dunson@duke.edu