



## 2020-2021 Biomedical Data Science Innovation Lab

Virtual  
October 2, 2020  
April 16, 2021  
May 21, 2021  
June 11, 2021  
12-2pm ET

**June 21-25,  
2021**

Boar's Head Resort  
Charlottesville, VA

## Challenges in Brain Analytics and Integration

A hybrid event with four virtual microlabs and a five-day residential workshop focused on neuroscientific analytics and integration for quantitative and biomedical researchers.

The 2020-2021 *Biomedical Data Science Innovation Lab* is an intensive workshop (virtual and in-person components) to foster the development of early-career (post-doc, assistant to early associate professor) biomedical investigator and quantitative investigator (i.e. data scientists, computer scientists, biostatisticians) teams. This facilitated and mentored workshop will tackle data science challenges arising from the use of large-scale neuroscience related data.

We are inviting researchers from the biomedical fields specifically including human neuroscience and the quantitative and data science disciplines to apply. Review of applicants will be rigorous and not all candidates will be selected to attend. A particular emphasis will be placed on candidates demonstrating a strong commitment to collaborative/team science. A committee will select approximately 30 participants to take part in this one-of-a-kind event. Travel and lodging expenses are fully covered for all participants. All participants must commit to engaging in the virtual microlabs starting October, 2020 as well as staying for the entire duration of the 5-day event in June, 2021.

During the *Biomedical Data Science Innovation Lab*, professional facilitators assist the participants and accelerate the idea formulation process, while scientific experts serve as mentors and impartial referees. Working under the guidance of these mentors, participants will form teams during the workshop to develop interdisciplinary projects to solve mathematical challenges in the analytics of multimodal neuroscience data. The lab will include opportunities for learning about NIH and NSF funding through interaction with program officers. Teams are supported in the development of proposals for submission to funding agencies at the conclusion of the workshop.

**Application Deadline: 11:59PM Eastern Time, July 24, 2020**

Learn more and apply at:

<http://www.innovation.lab.virginia.edu>