

*Department of Biostatistics and Bioinformatics Seminar*  
October 6, 2022 • 12:00 pm – 1:00 pm • **IN-PERSON-CNR-1000**

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## Graph Mining for Healthcare

### ABSTRACT

Graphs are ubiquitous data structures providing powerful modeling of objects with interactions. Empowered by recent progress in AI and machine learning, rapid technical progress has been achieved in mining graph data. On the other hand, research and clinical practices in public health have generated large volumes of interconnected data, where the exploration of modern graph mining principles and techniques are still rather limited. In this talk, I will introduce our research vision and agenda towards mining graph data for healthcare, followed by examples of our recent progress on mining brain networks, EHR networks and mobile networks. I will conclude the talk with discussions on future directions that can benefit from further collaborations with BIOS researchers.

Dr. Yang is available to meet with faculty, postdocs, and students. Please contact Porchia Arnold, ([Porchia.Arnold@emory.edu](mailto:Porchia.Arnold@emory.edu)) if interested by **October 5, 2022**.

