Biostatistics Career Development
Internship Success

5 pm - 7 pm
March 31, 2022
Lawrence P. and Ann Estes Klamon Room, Level 8, CNR
Dinner Will be Served

AGENDA

5:00 PM – 5:15 PM  Pre-event Social

5:15 PM - 5:20 PM  Welcome Speech
Guinyard, Angela

5:20 PM - 6:05 PM  7-min Lightning Talk
Chou, Eric
Ge, Lin
Couture, Alexia
Tian, Gavin
Wu, Zhen
Wang, Yikai

6:05 PM - 6:50 PM  Round Table Discussion

6:50 PM - 6:55 PM  Closing Remarks
Organizing committee

Make sure you have reserved by replying to the calendar invitation by 4pm, Monday, March 28th

The event is organized by the BIOS Student Council and RSPH Doctoral Student Advisory Board (DSAB).

BIOS Student Council: Chen, Nicole; He, Zeling; Madden, Wyatt; Parker, Rachel
DSAB: Bian, Shijia; Schader, Lindsey
Chou, Eric
Eric is a second-year MSPH student who since fall 2020 has worked as a research assistant with the School of Medicine analyzing pain in sickle cell disease. Prior to his time at Emory, he studied bioinformatics at the University of Pittsburgh and afterward worked as a programmer with Pitt’s Department of Biomedical Informatics. In his current position, he has primarily collaborated with Dr. Nitya Bakshi, MD, and the Sickle Cell Disease Research Group on a variety of data projects centered around the analysis of longitudinal patient data. His primary tasks have been cleaning and transforming datasets, applying advanced predictive modeling techniques using this data, and manuscript development. An example of one of the main projects he has led involves the application of Markov regime-switching models to study the temporal dynamics of pain in sickle cell disease.

Ge, Lin
Lin Ge, 5th year Ph.D. student from BIOS department. He attended a summer internship program at Genentech Data Science Imaging Team from June 2020 to May 2021. The research topic for this internship was to explore the disease progression in grey matter atrophy for Multiple Sclerosis patients. (JD:https://www.linkedin.com/jobs/view/medical-imaging-artificial-intelligence-machine-learning-deep-learning-summer-internship-at-genentech-2928642932/)

Couture, Alexia
Alexia Couture, a statistician on the Applied Research and Modeling Team in the Epidemiology And Prevention Branch in the Influenza Division at the CDC. She has her MPH in Biostatistics from Emory University and her BS in Mathematics from Fordham University. While pursuing her master’s at Emory, Alexia worked in the REAL program at Rollins which landed her at the CDC in the Center for Global Health as well as at The Carter Center. After graduation from Emory, she was an ORISE fellow for the same group at the CDC in the Center for Global Health and worked in humanitarian settings on a wide range of projects with many responsibilities, including study design, field assistance, analysis, and manuscript writing. About a year and a half ago, she moved over to her current role at the CDC where she is currently working on burden and severity estimation/methods for both influenza and COVID-19.
Tian, Gavin
Gavin Tian, a 5th year Ph.D. student in Biostatistics at Emory University, with his research focus on latent class analysis and model-based clustering methods on integrated biometric and imaging data. He has done two full-time data scientist summer internships at Amazon’s prime video team in 2020 and 2021, and he has accepted a full-time data scientist job offer beginning in 2022 summer at Amazon.

Wu, Zhen
Zhen is a second-year MPH Biostatistics student at Emory University. Yidu Tech Inc provides healthcare solutions built on large-scale medical data and artificial intelligence (AI) technologies. In summer 2021, she joined the company as a statistical programmer intern. She was in charge of statistical analysis using Real-world data and patient recruitment. She will be happy to share her internship experience.

Wang, Yikai
Yikai is currently a machine learning scientist/engineer in the Apple Human Device Interface team on health algorithm development for Apple Watch. His research is focusing on health sensing, wearable device, brain imaging, and machine learning. He graduated from Emory University with Ph.D. degree in Biostatistics and a master’s degree in public health. He has been a data scientist intern at Facebook, now known as Meta, integrity team in 2019. He joined Google Operation Data Science (former Operation Decision Support) team as a quantitative analyst intern in 2018 on a momentum forecast project. He also has been working as a part-time consultant on analytics, statistics, machine/deep learning since 2014.