UGA-GADPH NEXTSTRAIN TRAINING

Location: Russel Hall, room 205

Date: 20 June 2024

Time: 0930h – 1530h

Facilitators: Leke Lyu

Tanin Rajamand

AGENDA

Time	Topic	Facilitator
0930h – 0935h	Welcome	-
0935h – 1005h	Intro to Genomic Epidemiology, Nextstrain, & Nextstrain Narratives	Leke & Tanin
1005h – 1035h	How to Use Open OnDemand	Jordan & Chelsea
1035h – 1050h	BREAK	-
1050h – 1250h	Zika Tutorial & Code Breakdown	Leke & Tanin
1250h – 1400h	BREAK / LUNCH	-
1400h – 1500h	Influenza – Surveillance & Health Policy Implications	Leke & Tanin
1500h – 1510h	BREAK	-
1510h – 1525h	Share your Nextstrain build and discussion	Yourself
1525h – 1530h	Questions and feedbacks	-

Additional Information

All training materials can be found here: UGA-Nextstrain-Workshop.

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Overview

Welcome!

Today, we will be learning about genomic epidemiology analyses using Nextstrain. After completing this training workshop, you should be able to:

- Analyze pathogen evolution and transmission dynamics using Nextstrain.
- Share your Nextstrain analyses publicly on GitHub.
- Create and interpret Nextstrain Narratives to tell the story of your data.

This hands-on training session is powered by the Georgia Advanced Computing Resource Center. Please ensure you have the following items ready before we begin:

- UGA MyID
- Duo Mobile installed on your smartphone
- A personal GitHub account

We're excited to have you join us and look forward to a productive session. Have a great day here at UGA!