



Quantitative and Systems Biology Qualifying Exam Panel

Date:

2/27/2025

Time:

10:30 AM - 11:45 AM

Location:

GRAN 115

Meet the Panelists



Tahirah Williams

Tahirah Williams is a third-year PhD under the guidance of Dr. Clarissa Nobile. Her research focuses on understanding the molecular and genetic regulation of *Coccidioides*, the fungal pathogen responsible for Valley fever, and its interaction with the mucosal immune system. Her work will contribute to a better understanding of host-pathogen interactions and the development of novel treatments and diagnostics tools.



Nathaniel Brown

Nathaniel is a 4th year graduate student in the QSB program. As a member of the Aaron Hernday lab, Nathaniel researches the role of condensate formation by transcription factors and how it controls phenotypic switching in the clinically-relevant yeast *Candida albicans*. Nathaniel is also a TA for the Biology and Applied Math departments.



Nora Shamoon

Nora is a PhD candidate in the Nobile Lab in the department of Molecular and Cell Biology. She studies prevalent fungal pathogen, *C. albicans* during host infection in vivo. She is a Graduate Fellow for the Center of Cellular and Molecular Machines, member of the Internal Review Board for Human Research and the Health Sciences Research Institute at UCM.

Adeola Fagbayibo

Adeola Fagbayibo is a third-year Ph.D. candidate in the Quantitative and Systems Biology graduate program, working in Katrina Hoyer's lab. His research focuses on studying bioaerosol composition in California's San Joaquin Valley. His interdisciplinary work combines aspects of molecular biology, public health, and computational analysis to understand the complex biological systems present in atmospheric particles within this specific region.



Jazmin Reyes Servin

Jazmin Reyes is a 3rd year PhD candidate in the Shepardson Lab. Her work focuses on understanding how viral infections pave the way for opportunistic fungal pathogens, like *Aspergillus fumigatus*, by creating a permissive environment in the lung.

For more information, contact: Matthew Hutchinson
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