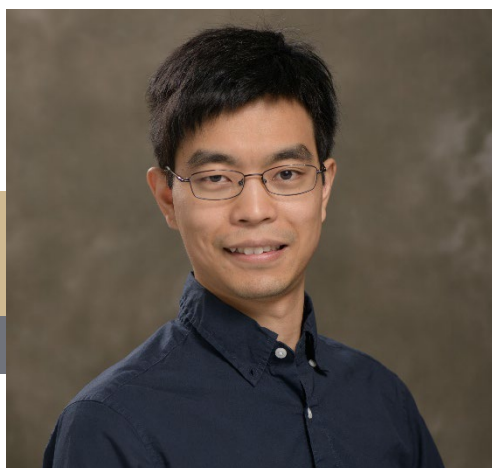


BIOCHEMISTRY SEMINAR

Influenza and SARS-CoV-2: From Virus Evolution to Vaccine Design

Nicholas Wu

Assistant Professor of Biochemistry
University of Illinois at Urbana-Champaign



Nicholas Wu received his Bachelor's degree in Biochemistry from the University of Virginia and his PhD in Molecular Biology from UCLA in 2015. After his graduate studies, Nicholas completed his postdoctoral training at the Scripps Research as a Croucher Fellow. Nicholas started his own lab in Illinois in 2020. His work has been recognized by multiple awards, including the NIH New Innovator Award, the Searle Scholar Award, and the Michelson Prize for Human Immunology and Vaccine Research.

This seminar will cover three major research questions in the Wu lab:

1. What are the constraints of virus evolution?
2. Can we predict antibody specificity?
3. Can we improve the quality and speed of vaccine design?

The Wu lab addresses these questions in the context of influenza virus and SARS-CoV-2.



Monday, October 14, 2024



3:30 pm



BRWN 4102