



Center for Pathogen Genomics and Microbial Evolution

Robert J Havey, MD Institute for Global Health
Northwestern University Feinberg School of Medicine

1st Annual Pathogen Genomics Symposium: Genes, Genomes, and Infection

Wednesday, May 4th, 2022

9:00a.m. - 5:30p.m.

**Simpson Querrey Biomedical Research Center
Potocsnak Family Atrium**

In celebration of the newly established Center for Pathogen Genomics and Microbial Evolution, we invite you to join the Center for a full day of scholarly events, including a sequential workshop series, poster session, keynote address, research overview talk series followed by an afternoon reception. Lunch will be served.

For those that are unable to attend in person, a livestream of the Keynote Address and the Research Overview Talk Series will be available.

Registration is required.

Call for Poster Abstracts

Internal and external students, faculty, community members and partners from all disciplines are welcome to participate and apply to present on projects relevant to pathogen genomics and microbial evolution.

The deadline to submit poster abstracts is Friday, April 15th, 2022 by 5:00p.m. Abstracts should be no more than 500 words.

[Submit poster abstract.](#)

EVENT SCHEDULE

Registration is required.

Workshops: 9:00 - 11:20a.m. (Pre-registration required)

Searle Seminar Room, Lurie 1-161

**Breakfast will be provided*

- Specimen Acquisition and Processing, Experimental Design with Lacy Simons
- Microbial Sequence Assembly/Alignment with Egon Ozer, MD, PhD
- Introductory Phylogenetic Analysis with Ramon Lorenzo-Redondo, PhD

Lunch and Poster Session: 11:30a.m. - 12:50p.m.

Potocsnak Family Atrium, SQBRC

**Lunch will be provided*

Director Keynote Address: 1:00 -1:50p.m.

"Genes, Genomes, and Infection: An Introduction to the Center for Pathogen Genomics and Microbial Evolution" with Dr. Egon Ozer, MD, PhD

Simpson-Querrey Auditorium, SQBRC 1-230



Egon Ozer, MD, PhD

Research Overview Talks: 2:00p.m. - 4:30p.m.

"The Landscape of Pathogen Genomics at Northwestern"

Simpson-Querrey Auditorium, SQBRC 1-230

- "Antimicrobial Resistance and the Indoor Environment" with Erica Hartmann, PhD
- "SARS-CoV-2 Variant Epidemiology in Children" with Larry Kociolek, MD
- "Specialized Sequencing Applications to Investigate Pseudomonas Aeruginosa" with Kelly Bachta, MD, PhD
- "Genomic Diversity in Vibrio Secreted Toxins Impacts Pathogenesis" with Karla Satchell, PhD
- "HIV Research Collaboration Opportunities" with Richard D'Aquila, MD



Erica Hartmann, PhD



Larry Kociolek, MD



Kelly Bachta, MD, PhD



Karla Satchell, PhD



Richard D'Aquila, MD

Reception: 4:30p.m. - 5:30p.m.

Potocsnak Family Atrium, SQBRC

**Drinks and small bites will be served*