



# Center for Pathogen Genomics and Microbial Evolution

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

## 2nd Annual Pathogen Genomics Symposium

**Monday, April 24th, 2023**

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

**Simpson Querrey Biomedical Research Center  
302 E. Huron St, Chicago, IL**

You are invited to attend the second annual Pathogen Genomics Symposium hosted by the Center for Pathogen Genomics and Microbial Evolution.

Please join the Center for Pathogen Genomics and Microbial Evolution for a full day of scholarly events including an introductory pathogen genomics demonstration and workshop, research flash talks, a keynote address followed by a series of research overview talks, and an afternoon poster session and reception. A full agenda can be found below.

**Registration is required:**

**[bit.ly/cpgme\\_symposium](https://bit.ly/cpgme_symposium)**

### *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 has been EXTENDED to Wed, April 5th, 2023 by 5:00p.m. CST. Abstracts should be no more than 500 words.

Up to four poster abstracts will be selected for a 5-minute flash talk presentation during the symposium and a \$25 gift card award.

**Submit poster abstract:**

**[bit.ly/cpgme\\_abstracts](https://bit.ly/cpgme_abstracts)**



**Workshop: 9:00 - 11:30a.m. (Pre-registration required, limited availability)**

Treinen Conference Room, SQBRC 1M-209

*\*Breakfast will be provided*

- "Overview of pathogen sequencing data analysis"
  - Egon Ozer, MD, PhD & Ramon Lorenzo Redondo, PhD

# EVENT SCHEDULE

[Registration is required.](#)



**Lunch: 11:45a.m. - 12:15p.m.**

Potocsnak Family Atrium, SQBRC

*\*Lunch will be provided*

**Flash Talks: 12:15a.m. - 12:50p.m.**

Potocsnak Family Atrium, SQBRC

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

**"Genomic insights into local persistence and global spread of antibiotic resistance"**

**with Ashlee M. Earl, PhD,**

**Director, Bacterial Genomics Group, Broad Institute Genomic Center for Infectious Diseases**

Simpson-Querrey Auditorium, SQBRC 1-230

**Break w/Coffee: 1:50p.m. - 2:00p.m.**

Potocsnak Family Atrium, SQBRC

**Research Talks: 2:00p.m. - 4:00p.m.**

Simpson-Querrey Auditorium, SQBRC 1-230

**2:00 - 2:30: Christopher Brooke, PhD, University of Illinois Urbana-Champaign**

*"Constraints on the evolutionary potential of influenza virus hemagglutinin"*

**2:30 - 3:00: Lisa Akhtar, MD, PhD, Lurie Children's Hospital**

*"Using variation in clinical outcome to understand HSV virulence in the pediatric brain"*

**3:00 – 3:30: Stefan Green, PhD, Rush University**

*"Microbial Pathogens on Earth and in Space: Public Health (RIPHL) and Rodent Research Spaceflight Missions (NASA)"*

**3:30 – 4:00: Catherine Putonti, PhD, Loyola University Chicago**

*"Exploring the Genomic Diversity of the Urinary Microbiota"*



Ashlee M. Earl, PhD



Christopher Brooke,  
PhD



Lisa Akhtar,  
MD, PhD



Stefan Green,  
PhD



Catherine Putonti,  
PhD

**Reception: 4:00p.m. - 6:00p.m.**

Potocsnak Family Atrium, SQBRC

*\*Drinks and small bites will be served*