

7th Annual SEA-PHAGES Symposium

HHMI Janelia Research Campus :: Ashburn, VA

June 12-14, 2015

Friday :: June 12

- 3:00 – 5:00p **Registration and Check-in** :: *Reception*
- Poster Set-up** :: *Lobby*
- Student Presenter Practice Period** :: *Seminar Room*
- 5:00 – 6:00p **Student Debriefing** :: *Seminar Room*
- 5:00 – 6:30p **Faculty Meeting** :: *Auditorium*
- 6:00 – 7:30p **Dinner** :: *Dining Room*
- 7:30 – 7:45p **Welcome and Remarks** :: *Auditorium*
 David Asai :: HHMI Science Education
- 7:45 – 9:00p **Keynote Speaker I** :: *Auditorium*
 Eric Betzig :: Janelia Research Campus
 Imaging Life at High Spatiotemporal Resolution
- Introduction by:**
 Kayla Long and Courtney Smith :: Baylor University
- 9:00 – 9:30p **Social** :: *Lobby*

Saturday :: June 13

- 7:00 – 8:30a **Breakfast** :: *Servery*
- Poster Set-up** :: *Lobby*
- 8:30 – 8:45a **Introductory Remarks** :: *Auditorium*
 David Asai :: HHMI Science Education
- 8:45 – 10:00a **Keynote Speaker II** :: *Auditorium*
 Graham Hatfull :: University of Pittsburgh
 Lost at SEA: Navigating the Actinophagosome
- Introduction by:**
 Johnathan Schiebel and Megan Ulbrich :: University of Pittsburgh
- 10:00 – 10:15a **Break** :: *Lobby*
- 10:15a – 12:00p **Poster Session I** (Odd-numbered Posters) :: *Lobby*
- 12:00 – 12:30p **Group Photo** :: *TBD*

Saturday :: June 13 cont.12:30 – 2:00p **Lunch** :: *Servery*2:00 – 3:30p **Student Talks I** :: *Auditorium***Moderators:**

Victoria Edmund :: College of Charleston

Brianna Morgan :: University of Colorado Boulder

Izzy Owen :: Seton Hill University

Isolation and genomic characterization of Mycobacteriophages Wilbur and Romney2012

Sarah Belay and Sarah Modlin :: College of William & Mary

From Compost to Clusters: Rhodococcus Phages from Coastal Virginia

Amanda Sciola and Kamil Wielechowski :: Southern Connecticut State University

Genomic analysis of four mycobacteriophages from Southern Connecticut: Two A3's, EpicPhail & Veracruz, and two new Cluster N phages, Xeno and Phrann

Kaivalya Dandamundi and Shelby Edling :: Virginia Commonwealth University

OutPHAGEous Discoveries

Sophie Jurgensen :: James Madison University

Bioinformatic and Virological Evidence Suggests a Novel Scheme for Lysogeny in a Mycobacteriophage

Julia Gross :: Brown University

*Characterization of Palindrome Usage in Mycobacteriophage Genomes*3:30 – 3:45p **Break** :: *Lobby*3:45 – 5:30p **Poster Session II** (Even-numbered Posters) :: *Lobby*5:30 – 7:00p **Dinner** :: *Dining Room*7:00 – 8:30p **Student Talks II** :: *Auditorium***Moderators:**

Pamela Fawns and Taylor Osborne :: Nebraska Wesleyan University

Erin Lockwood and Nijewel Holliday :: Lincoln University

Finding Panchino - a novel Cluster N Mycobacteriophage isolated at Lincoln University, Pennsylvania

Briggett Carvajal :: Queensborough Community College

Genomic Analysis of Mycobacteriophage Smeadley

Sara Lohbauer and Brittany Sisson :: Florida Gulf Coast University

A Comparative Bioinformatic Analysis of Four Novel Rhodococcus Bacteriophages

Alexandra Crum and Trang Nguyen :: College of St. Scholastica
Proteomic and Genomic Analysis of Novel Cluster A, B and P Mycobacteriophages

Gina Brockman and Elise Lemanski :: The Ohio State University
Four years of mycobacteriophage isolation at Ohio State

Madeline Kosch and Kaylah Schuette :: University of Wisconsin-River Falls
From Australia to Wisconsin: Isolation and characterization of several members of a related group of Rhodococcus phage

8:30 – 9:30p **Social** :: Lobby

Sunday :: June 14

7:00 – 8:30a **Breakfast** :: Servery

8:30 – 10:00a **Student Talks III** :: Auditorium

Moderators:

Kelly Garrigan :: Saint Joseph's University
Connor McKenney :: North Carolina State University

Cedric Penn Jr. :: Morehouse College
The discovery and annotation of mycobacteriophages BigPhil and Sotrice96

Alyssa Benjamin :: Bucknell University
Analysis of Additional Arthrobacter Phage with Small Genomes (Cluster D) and the Singleton Kitkat

Johnathon Schiebel and Megan Ulbrich :: University of Pittsburgh
Gee Whiz: Emerging diversity of the Cluster G mycobacteriophages

Kyle Cushman and Haley Fischman :: Hope College
Lysis Cassette Mosaicism and Potential Expanded Host Range Evident in the Genomes of Glass and Bella96

Fernanda Alonzo and Gillian Holder :: University of Louisiana at Monroe
Annotation of Rhodococcus erythropolis Phage Singletons Trina and Chewy VIII

Nolan Games and Buzz Hardin :: Ouachita Baptist University
Genomic Analysis of Cluster T Mycobacteriophage

10:00 – 10:30a **Break** :: Lobby

10:30 – 10:40a **Awards Ceremony** :: Auditorium

Sunday :: June 14 *cont.*

10:40 – 11:40a **Faculty Presentations** :: *Auditorium*

Moderators:

Sara Lohbauer :: Florida Gulf Coast University

John Ramirez :: Del Mar College

Randall DeJong :: Calvin College

Phamerator Database Manager: A web-based application for building customized Phamerator databases

Julianne Grose :: Brigham Young University

Investigating the Relationships of Bacteriophages with a Class Reveals Obvious Borders Between Bacterial Orders

Nathan Reyna :: Ouachita Baptist University

Marianne Poxleitner :: Gonzaga University

Cluster O promoter investigations at Gonzaga and Ouachita Baptist Universities

Kari Clase :: Purdue University

Exploring the Impact of Bacterial Growth on Mycobacteriophage Protein Expression by Mass Spectrometry

11:40a – 12:00p **Closing Remarks** :: *Auditorium*

Graham Hatfull

12:00 – 1:30p **Lunch** :: *Servery*

Poster Removal :: *Lobby*