

# 11<sup>TH</sup> SEA-PHAGES SYMPOSIUM

Friday, June 7, 2019

3:00 PM – 4:30 PM	CHECK-IN POSTER SET-UP STUDENT PRESENTER PRACTICE PERIOD	RECEPTION DESK/GALLERY LOBBY AUDITORIUM
4:45 PM – 6:15 PM	STUDENT DEBRIEFING	AUDITORIUM
5:00 PM – 6:00 PM	FACULTY SOCIAL & ANNOUNCEMENTS	LOBBY
6:00 PM – 7:15PM	DINNER	DINING ROOM
7:15 PM – 7:30 PM	WELCOME AND REMARKS	STUDENTS IN AUDITORIUM FACULTY IN SEMINAR ROOM
7:30 PM – 8:45 PM	KEYNOTE I Dr. Pardis Sabeti Harvard University & HHMI	STUDENTS IN AUDITORIUM FACULTY IN SEMINAR ROOM
8:45 PM – 9:30 PM	Social	LOBBY
9:00 PM – 11:00 PM	SHUTTLES TO NATIONAL CONFERENCE CENTER (NCC) – EVERY 30 MINS	DRIVEWAY LOOP ENTRANCE

*The shuttle service is for guests that are staying at the NCC.*

# 11<sup>TH</sup> SEA-PHAGES SYMPOSIUM

Saturday, June 8, 2019

7:00 AM – 8:15 AM	BREAKFAST <i>NCC guests will be shuttled from the NCC to Janelia Research Campus.</i>	DINING ROOM
8:30 AM – 8:45 AM	INTRODUCTORY REMARKS	STUDENTS IN AUDITORIUM FACULTY IN SEMINAR ROOM
8:45 AM – 10:15 AM	ORAL PRESENTATIONS I MODERATOR: SIMON WHITE	STUDENTS IN AUDITORIUM FACULTY IN SEMINAR ROOM

**ANNOTATION OF PHAGE MCGALLEON FROM SUBCLUSTER EA1 IN MICROBACTERIUM FOLIORUM**

COLLIN COLLEGE

**NOVEL BACTERIOPHAGES AGAINST ENVIRONMENTAL PHACTORS – PHAGE STABILITY PUT TO THE TEST!**

DREXEL UNIVERSITY

**ISOLATION AND CHARACTERIZATION OF MICROBACTERIUM PHAGE ETTA AND DISCOVERY OF BACTERIOPHAGE VERS USING A NOVEL ANTARCTIC CRYOBACTERIUM ISOLATE**

MINNESOTA STATE UNIVERSITY MOORHEAD

**ISOLATION OF MYCOBACTERIOPHAGES FROM SEWAGE**

BRIGHAM YOUNG UNIVERSITY

**A TALE OF DOGEMS – LESSONS LEARNED OUT OF M. FOLIORUM PHAGE HUNTING**

UNIVERSITY OF WEST FLORIDA

**MYCOBACTERIA ACHIENSE PHAGES: CONTINUING CHALLENGES AND UNSOLVED PUZZLES**

COLLEGE OF WILLIAM & MARY

10:15 AM – 10:30 AM	BREAK	LOBBY
10:30 AM – 12:30 PM	POSTER SESSION I	LOBBY
12:30 PM – 1:30 PM	LUNCH	DINING ROOM

# 11<sup>TH</sup> SEA-PHAGES SYMPOSIUM

Saturday, June 8, 2019

1:30 PM – 3:00 PM      ORAL PRESENTATIONS II      STUDENTS IN AUDITORIUM  
MODERATOR: ELVIRA EIVAZOVA      FACULTY IN SEMINAR ROOM

**IDENTIFICATION OF TWO GORDONIA PHAGES: STEAMEDHAMS AND SUERTE**  
GEORGE MASON UNIVERSITY

**A NOVEL APPROACH TO IMPROVING AUTOMATED BACTERIOPHAGE GENOME ANNOTATION UTILIZING MACHINE LEARNING**  
JAMES MADISON UNIVERSITY

**EXPLORING A SEA OF PHAGES: NEW INSIGHTS INTO PHAGE GENOME DIVERSITY, HOST-PHAGE INTERACTIONS, AND IMMUNITY RELATIONSHIPS**  
LEHIGH UNIVERSITY

**IMMUNITY TESTING AS A PROBE FOR PHAGE DIVERSITY PRIOR TO FULL-GENOME SEQUENCING**  
UNIVERSITY OF ALABAMA AT BIRMINGHAM

**LYSOGENIC HOST BACTERIUM ALTERS PLATING EFFICIENCY OF GORDONIA BACTERIOPHAGE**  
OUACHITA BAPTIST UNIVERSITY

**A STUDY OF PHAGE WITH ATTITUDES: DEFENSIVE GORDONIA PHAGE SIDIOUS AND MAGICMAN AND CRAZY RHODOCOCCLUS PHAGE WHACK AND SLEEPYHEAD**  
UNIVERSITY OF MAINE, HONORS COLLEGE

3:00 PM – 3:15 PM	BREAK	LOBBY
3:15 PM – 5:15 PM	POSTER SESSION II   EVEN-NUMBERED POSTERS	LOBBY
5:15 PM – 6:15 PM	DINNER	DINING ROOM
6:15 PM – 6:30 PM	GROUP PHOTO	FRONT ENTRANCE
6:45 PM – 8:00 PM	KEYNOTE II Dr. Graham Hatfull University of Pittsburgh	STUDENTS IN AUDITORIUM FACULTY IN SEMINAR ROOM
8:00 PM – 9:30 PM	Social	LOBBY
9:00 PM – 11:00 PM	SHUTTLES TO NATIONAL CONFERENCE CENTER (NCC) – EVERY 30 MINS	DRIVEWAY LOOP ENTRANCE

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# 11<sup>TH</sup> SEA-PHAGES SYMPOSIUM

Sunday, June 11, 2019

7:00 AM – 7:30 AM CHECK-OUT  
*NCC guests will be shuttled from the NCC to Janelia. All guests must check out of their rooms before breakfast. Luggage may be stored in the Gallery and Synapse Meeting Room.*

7:00 AM – 8:15 AM BREAKFAST DINING ROOM

8:30 AM – 10:00 AM ORAL PRESENTATIONS III STUDENTS IN AUDITORIUM  
MODERATOR: MATTHEW MASTROPAOLO FACULTY IN SEMINAR ROOM

## **IDENTIFICATION AND IMPLICATIONS OF SOIL-DWELLING BACTERIAL DNA METHYLTRANSFERASE HOMOLOGS IN MYCOBACTERIUM PHAGE PHALM**

LETOURNEAU UNIVERSITY

## **CHARACTERIZATION OF A NEW MICROBACTERIUM FOLIORUM CLUSTER EB PHAGE 'STROMBOLI': A TALE OF TOXINS, GIANT LYSINS, HNH ENDONUCLEASES, AND A GENE CLUSTER PREDICTED TO REGULATE NUCLEOTIDE LEVELS.**

SOUTHERN CONNECTICUT STATE UNIVERSITY

## **COMPARATIVE GENOMIC ANALYSIS OF 31 SIPHOVIRIDAE REVEALS EXTENSIVE HOST-DEPENDENT RELATIONSHIPS AND NOVEL PHAGE SUBCLUSTERS**

UNIVERSITY OF CALIFORNIA, LOS ANGELES

## **COMPARATIVE GENOMICS OF PHAGES ISOLATED ON NEW HOST SPECIES REVEALS NOVEL GENOME FEATURES**

UNIVERSITY OF WISCONSIN-RIVER FALLS

## **NON-MYCOBACTERIAL ACTINOBACTERIOPHAGES PROVIDING MORE INSIGHT TO PHAGE BIOLOGY**

NYACK COLLEGE

## **FUNCTIONAL ANALYSIS OF CONSERVED HYPOTHETICAL GENES IN THE CLUSTER K BACTERIOPHAGE HAMMY**

UNIVERSITY OF SOUTHERN MISSISSIPPI

10:00 AM – 10:30 AM BREAK LOBBY

10:30 AM – 11:45 AM KEYNOTE III STUDENTS IN AUDITORIUM  
Dr. Steffanie Strathdee FACULTY IN SEMINAR ROOM  
University of California San Diego

11:45 AM – 12:00 PM CLOSING REMARKS STUDENTS IN AUDITORIUM  
FACULTY IN SEMINAR ROOM

12:00 PM – 1:30 PM LUNCH DINING ROOM

12:00 PM – 1:30 PM POSTER REMOVAL AND DEPARTURE LOBBY  
*All guests will be shuttled to their destination.*