

Program

The 54th Annual Meeting of the Arizona-Nevada Branch of
the American Society for Microbiology

Saturday, April 18, 2015



AMERICAN
SOCIETY FOR
MICROBIOLOGY

Arizona/Southern Nevada Branch

Hosted by



NORTHERN
ARIZONA
UNIVERSITY

Northern Arizona University
Flagstaff, AZ

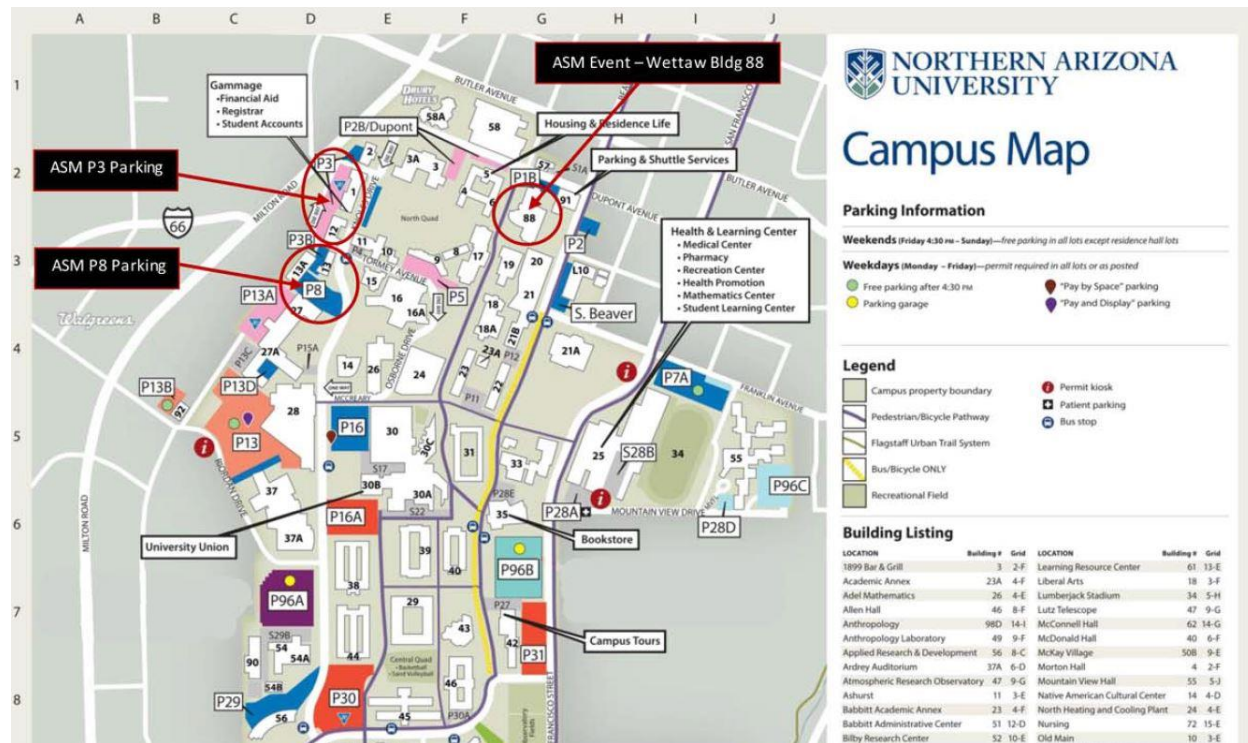
Table of Contents

Parking on NAU Campus.....2

Schedule of Events.....3-5

Restaurants/Hotels near NAU Campus.....5-6

See map below for North Campus, Wettaw, and FREE Parking places for AZ NV ASM conference



Schedule of Events

- 8:00a-9:00a **Registration & Fee collection** (Please pay cash or check) –Wettaw Lobby
Hang posters/Load talks for session I & II
- 9:00a – 9:15a **Opening remarks** – Wettaw Lecture Hall
Paul Keim, Regents' Professor of Biological Sciences,
Northern Arizona University
- 9:15a-10a **Keynote address** – Wettaw Lecture Hall

Mouse Model for Studying Bacterial Commensalism
Dr. Magdalene So, Department of Immunobiology,
University of Arizona
- 10a-10:15a **Morning break with refreshments**

Concurrent sessions: Session I in Wettaw & Session II in Chem 106

- 10:15a- 11:35a **Session I (Oral Presentation)** Wettaw Lecture Hall
- OP1 Autophagy Limits Intracellular Survival of *N. gonorrhoeae* Early in Infection
W. Kim
- OP2 Mutations in the Acetylation Site of the Pilus Retraction Motor PilT Alter Twitching Motility in *Neisseria gonorrhoeae*
A. Hockenberry
- OP3 Characterization of SlyA in *Shigella flexneri* 2457T Reveals a Role in Acid Resistance
N. Weatherspoon-Griffin
- OP4 Acute Ethanol Intoxication a Risk Factor for *Burkholderia thailandensis* E264 Infection
V. Jimenez

10:15a- 11:55a **Session II (Oral Presentation)** Chem 106

OP1 Microbial Diversity of Extreme Arid Regions of the Atacama Desert, Chile
K. Califf

OP2 Exploring the Interplay of Microbial Diversity with Fluctuations in Plant Cover
A. Friel

OP3 Rhamnolipid Biosurfactant Binding of Critical and Rare Earth Elements
D. Hogan

OP4 Unearthing the Antibacterial Activity of Medicinal Clay
K. Morrison

OP5 Electrochemistry and Microbiology Combine to Reveal Pathways for Electron Transport During Anode Respiration
R. Yoho

12:00p-1:30p **Lunch** (is not provided – see suggested list for nearby places)
Hang posters/Load talks for session III & IV

1:30p – 2:30p **Session III (Oral Presentation)** Wettaw Lecture Hall

OP1 QIIME Enables Rapid Characterization and Comparison of Microbial Communities
J. Rideout

OP2 Longitudinal and Spatial Characterization of Microbial Communities in Offices
J. Chase

OP3 Understanding Leptospirosis from the One Health Concept Perspective in a Rural Community of Ecuador – South America
V. Barragan

2:30p – 4:00p **Poster Session + Coffee Break**

4:00p – 5:20p **Session IV (Oral Presentation)** Wettaw Lecture Hall

- OP1 Detecting *Coccidioides posadasii* in Soil in Southern Arizona
B. Barker
- OP2 A New Environmental Niche for Anoxygenic Phototrophs
D. Roush
- OP3 Stem Loop Structures (SLS) have a Role in *B. subtilis* Stationary
Phase Mutagenesis
C. Vallin
- OP4 A Comparison of Bacterial Microbiomes in Bat Guano and Associated
Arthropods Within and Between Roosting Sites
D. Sanchez
- 5:20p-5:40p **Closing remarks** – Wettaw Lecture Hall
- 6:00p **Reception & Awards** - Wettaw Lobby

Suggested restaurants for lunch and/or dinner – walking distance from NAU

University Union (see NAU campus map)

The Patio 409 S. San Francisco St 928-779-7033	1899 307 W. Dupont Ave 928-523-1899	Beaver Street Brewery 11 S. Beaver St. #1 928-779-0079
Nimarcos Pizza 101 S. Beaver St. 928-779-2691	Buster’s 1800 S. Milton Rd. 928-774-5155	Picazzo’s Organic Italian Kitchen 1300 S. Milton Rd. 928-226-1000
Crystal Creek Sandwich Co. 1051 S. Milton Rd. Ste A 928-774-9373	Bun Huggers 901 S. Milton Rd. 928-779-3743	El Capitan Fresh Mexican Grill 1800 Milton Rd. #21 928-774-1083
Chipotle Mexican Grill University Plaza Shopping Center, 1111 S. Plaza Way 928-774-4254	Burrito’s Fiesta 1530 S Riordan Ranch 928-774-3600	

Nearby Hotels to stay during your Flagstaff visit:

Drury Inn and Suites
www.druryhotels.com
300 S Milton Rd, Flagstaff 86001 (928)-773-4900

Embassy Suites Hotel Flagstaff
www.embassysuites.com
706 South Milton Rd., Flagstaff, 86001 - (928) 774-4333

Monte Vista Hotel
www.hotelmontevista.com
100 N San Francisco St,
Flagstaff, 86001 - (928) 779-6971

Double Tree-Flagstaff
1175 W Route 66, Flagstaff, AZ
(928) 773-8888
Reservations:
(888) 201-1718 US Toll Free

Spring Hill Suites
2455 S Beulah Road, Flagstaff, AZ
(928) 774-8042

La Quinta
2015 South Beulah Blvd., Flagstaff, AZ
(928) 556-8666

Econo Lodge University
914 S. Milton Rd., Flagstaff, AZ
(928) 774-7326

Days Inn-Highway 66
1000 West Route 66, Flagstaff, AZ
(928) 774-5221

Hampton Inn & Suites
2400 S. Beulah Blvd., Flagstaff, AZ
(928) 913-0900