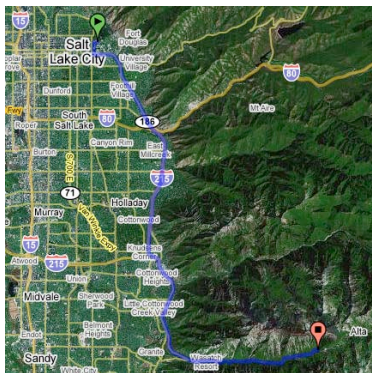


Driving Directions to Snowbird Resort



Driving Directions:

From the University of Utah, take Foothill Blvd. heading south to where it merges with I-215 heading east. Exit at 6200 South (Exit #6) and go east toward the mountains. Follow the signs to UT-210 and Little Cottonwood Canyon up to Snowbird. Look for Snowbird Exit #4 to the Cliff Lodge.



All retreat events and lodging will be at the Cliff Lodge.

Additional information

- Please check-in at the Program registration desk before checking into the hotel.
- At registration: **Liability forms** must be completed. Special activities for Saturday morning will be announced later depending on the interest of students.

A Special Thank You to the Retreat organizing committee :

Eleanor Sundwall, Ana Bozas, Timothy Dahlem, Betsy Ott, Megan Bestwick, Caleb Cardon, Aashi Chaturvedi, Derrick Gunther, Angela Katsuyama, Oscar Ruiz, Matt Sieber, and Pam Smith as well as Barbara Saffel, Anthea Letsou and Wes Sundquist

The Biological Chemistry & Molecular Biology Programs

Third Annual Student Retreat



Program of Events

Friday & Saturday
August 17-18, 2007

Keynote Speaker

Timothy Galitski, Ph.D.
Institute of Systems Biology, WA

"Changes and Opportunities in Research: Systems Biology"

Dr. Galitski earned his Ph.D. from the University of Utah's Department of Biology in 1996, where he identified mechanisms of chromosome rearrangement and studied the origin of genetic variation. His research earned him the 1996 James W. Prah Memorial Award for the Outstanding Graduate Student at the University of Utah School of Medicine. With a coveted fellowship from the Helen Hay Whitney Foundation, Dr. Galitski went on to a postdoctoral position at the Whitehead Institute for Biomedical Research and the Whitehead/MIT Center for Genome Research in Cambridge, Massachusetts. There he combined functional genomics, genetics, and computational methods to reveal global patterns of gene expression specifying cell type and developmental potential in yeast. For this continuing work, Dr. Galitski was awarded the prestigious 2001 Burroughs Wellcome Fund Career Award in the Biomedical Sciences. He joined the Institute of Systems Biology faculty in 2000, and currently holds the title of Associate Professor.

Student Speakers

Tala Fakhouri
Fifth Year, Mango Lab; Department of Oncological Sciences

"PHA-4/FoxA modulates chromatin morphology as cells transit from pluripotency to differentiation"

Tala is interested in studying the molecular mechanisms that govern the transition from pluripotency to differentiation in *C. elegans*. She uses the pharynx or the foregut of the worm as model organ for her research. Her focus is on revealing the role of the FoxA transcription factor PHA-4 in this process. This interesting study will help in understanding how stem cells progressively lose their developmental plasticity or potential and eventually commit to specific fates, in this case pharyngeal fate. Her talk will specifically focus on PHA-4 dependent changes in chromatin morphology as cells transition from pluripotency to commitment.

Megan Bestwick
Fourth Year, Winge Lab; Department of Biochemistry / Hematology

"The Chaperoned Assembly of Cytochrome C Oxidase"

Megan's research is focused on understanding the assembly of Cytochrome C oxidase (CcO) in yeast mitochondria. Specifically, she is interested in assembly factors involved in the delivery and insertion of essential cofactors to this large enzymatic complex in the mitochondrial inner membrane. They have discovered and investigated the protein Coa1, Cytochrome Oxidase Assembly 1, as an assembly factor required for proper CcO function. The study of this protein shows it to be important for assembly by linking translation insertion with cofactor insertion. She will be telling more about this mechanism in her talk.

Schedule and Locations

Friday, August 17th

11:00 AM	Departure from campus for 1 st -year students, & all other students needing transportation. Meet by the University Union shuttle stop.
12:00 PM	First-year students check-in with Program Registration in Ballroom 1 Lobby
12:30 PM	Lunch in the Golden Cliff Room
1:30-3:30 PM	Panel discussion for 1 st -year students in the Maybird Room
1:30-3:30 PM	Panel discussion for upper classmen in the Magpie A Room
4:00-5:30 PM	Student Talks in Ballroom 1
5:30- 7:00 PM	Student Poster Session in the Magpie Room
7:00- 9:00 PM	Dinner and Meeting with Keynote Speaker in Ballroom 1

Saturday, August 18th

9:30 AM	Breakfast at Golden Cliff
10:00 AM	Checkout from the resort
10:30 AM	1st Year Students: Meet in the Ballroom 1 Lobby for a hike
12:45 PM	Departure to U of U Campus

Friday Discussion Panels

For First Year Students:

- What to expect in the first year of Graduate School
- Life in Salt Lake City and Outdoor Recreation in Utah
- Being an International Student in SLC
- Balancing family life and graduate school

Upper-Classmen Career Development Discussions :

- **Non-academic careers in Science**
 Utah State Science Advisor, Dr. Tamara Goetz
- **Preparing for a Post-doc**
 Drs. Heather A. Hundley, Sarah A. Hutchinson & Jason Pellettieri