

Plant Rewards

18th Annual Harvard University PLANT BIOLOGY INITIATIVE SYMPOSIUM

WEDNESDAY, MAY 7 - WELD HILL

8:30-8:45am	Registration
8:45-9:00am	Welcome
GROUP 1:	Morphology and Development
9:00-9:20am	Yan Gong , Harvard University, <i>Decoding the cellular and genetic basis of nectary development & evolution in Mimulus</i>
9:20-9:55am	Felipe Amorim , São Paulo State University, <i>The sweet link: ecology and natural history of nectar in plant-animal interactions</i>
9:55-10:30am	Luke Nikolov , Indiana University-Bloomington, <i>Nectary development and diversity through a single-cell lens</i>
10:30-10:50am	BREAK
GROUP 2:	Ecology and Evolution
10:50-11:25am	Carrie Wessinger , University of South Carolina, <i>Genetic features of evolutionary shifts to hummingbird pollination (in Penstemon)</i>
11:25am-12:00pm	Tadashi Fukami , Stanford University, <i>Nectar microbes and plant-pollinator interactions</i>
12:00-2:00pm	Lunch and Poster Session
GROUP 3:	Plant Microbe Pollinator Interaction
2:00-2:35pm	Rachel Vannette , University of California-Davis, <i>Home sweet home: microbial growth in flowers is shaped by nectar chemistry</i>
2:35-3:10pm	Marjorie Weber , University of Michigan, <i>Plant rewards for tiny mutualists: the hidden world of plant-mite mutualism</i>
3:10-3:45pm	Lynn Adler , University of Massachusetts-Amherst, <i>Floral rewards mediating pollinator-pathogen dynamics</i>
3:45-4:05pm	BREAK
GROUP 4:	Nectar Chemistry
4:05-4:25pm	Evin Magner , University of Minnesota, <i>Nectar's palette: exploring the chemistry and function of colored nectars</i>
4:25-4:45pm	Galen Tiong , Harvard University, <i>Biochemistry of "nectar" from a caterpillar</i>
4:45-5:20pm	Patricia Jones , Bowdoin College, <i>Interactions between color, learning, and nectar chemistry in bee foraging choices</i>
5:20-5:30pm	Closing
5:30pm	Reception