

Evolution, Ecology and Population Biology Seminar–Spring 2015, *Thur. 4pm, Rebstock 322*

| <i>Date</i> | <i>Speaker</i> | <i>Title/Topic</i> | <i>Affiliation</i> |
|-------------|--|--|--|
| January 22 | Peter Bernhardt and Retha Meier | Blue Ladies and Showy Slippers: Darwin's Orchids Reinterpreted | SLU |
| January 29 | Kimberley Sukhum and Boahemaa Adu-Oppong | KS: Brain size evolution in weakly electric African fishes BA: Assembly of Microbial Communities | WUSTL KS: Carlson Lab BA: Dantas Lab |
| February 5 | Lon Chubiz | Exploring the genetic robustness of an engineered mutualism | UMSL |
| February 12 | Amanda Melin | Understanding Color Vision Variation in Primates with an Eye to Ecology | WUSTL Dept. of Anthropology |
| February 19 | Jim Bever * | Ecological dynamics and evolutionary stability of the plant-mycorrhizal fungal mutualism | Indiana U. |
| February 26 | Zhen Peng | The Evolution of Codon Usage Bias as a Regulatory Mechanism for Tissue-specific Protein Translation | WUSTL Ben-Shahar Lab |
| March 5 | Jill Preston | Evolutionary Genetics of Plant Reproductive Form and Phenology | U. Vermont |
| March 12 | No seminar | Spring Break | |
| March 19 | Allison Miller | Diversity, diversification, and the genomic basis of adaptation to the abiotic environment in North American grapevine | SLU |
| March 26 | No seminar | | |
| April 2 | Susanne DiSalvo | The crop sows the farmer: <i>Burkholderia</i> colonizes <i>Dictyostelium discoideum</i> and induces carrying of bacterial food | WUSTL Strassmann/Queller Lab Postdoc |
| April 9 | Sara Wright | Population genomics of adaptation in white clover | WUSTL Olsen Lab |
| April 16 | Yehuda Ben-Shahar | Pheromonal communication and insect sociality | WUSTL |
| April 23 | Claudia Stein | Importance of natural enemies (mainly soil microbes) for species coexistence & ecosystem functioning | WUSTL Mangan Lab Postdoc |
| April 30 | Madeline Keleher and Devin Dobias | MK: Nutrition, Epigenetics, and Obesity DD: Behavioral genetics in the context of mother-offspring interactions | WUSTL Cheverud Lab |
| May 7 | Dave Queller | The Price equation and the evolution of social interactions | WUSTL |

*Student-invited special guest