DBEM Seminar Talk

Friday 16 February

11:00-12:00

Sala Blu (5312) CTT

Speaker

Gil Rosenthal is Professor in the Department of Biology at the University of Texas, Austin, Texas, USA.

His main research interest is mate choice and its consequences, trying to understand the role that mate choice and signaling play in shaping basic ecological and evolutionary processes. His research group works at the interface between behavioral ecology and evolutionary genomics. His primary focus is on visual and chemical communication in teleost fishes, integrating observational and experimental studies of behavior with next-generation molecular methods.

For more information see: http://swordtail.tamu.edu/en/index.html

Title

Mate choice, hybridization, and biodiversity in streams of Mexico's Sierra Madre.

Relevant publications

M. Schumer**,** G.G. **Rosenthal**, and P. Andolfatto, 2018. What do we mean when we talk about hybrid speciation? *Heredity*.

K. Boulton, C. Walling, A. Grimmer, G.G. **Rosenthal** and A. Wilson, 2017. Phenotypic and genetic integration of personality and growth under competition in the sheepshead swordtail, Xiphophorus birchmanni. *Evolution*.

M. Schumer, D.L. Powell, P.J. Delclos, M. Squire, R. Cui, P. Andolfatto and G.G. **Rosenthal**, 2017. Assortative mating and persistent reproductive isolation in hybrids. *PNAS*.

G.G. **Rosenthal**, 2017. Mate Choice: the Evolution of Sexual Decision Making from Microbes to Humans. *Princeton University Press*.

M. Schumer, R. Cui, D.L. Powell, G.G. **Rosenthal**, and P. Andolfatto, 2016. Ancient hybridization and genomic stabilization in a swordtail fish. *Mol. Ecol*.

G.G. **Rosenthal**, 2016. Mate choice: charting desire's tangled bank. *Current Biology.*