EVOLVING NEURAL CIRCUITS FOR VOCAL COMMUNICATION

Dr. Kelley is a preeminent neuroethologist widely recognized for her seminal work on the neural basis of vocal communication. Her work investigating courtship song in *Xenopus* frogs as a model system has uncovered fundamental insights into the evolutionary forces that give rise to sexual differentiation of the nervous system, identifying mechanisms at the neural circuit level for how brains respond to social opportunity and social challenge.