PhD Positions in Plant Ecological Genomics

The Olson Ecological Genomics lab at Texas Tech University is currently seeking motivated students wishing to pursue PhD degrees to join our lab. Our current focus is to map sex chromosomes throughout the Salicaceae (poplars and willows) to understand the processes leading to sex chromosomes and the genomic and population genetic patterns of nucleotide variation in sex chromosomes. We are currently collecting large sequence capture data set and assembling novel genomes to achieve these goals. The lab also has interests in the genomics of species invasions, hybrid speciation, and local adaptation. PhD students are expected to develop their own projects within the framework of general lab interests. We work together as a team and use a variety of field, greenhouse, molecular, and bioinformatic analyses to address questions that interest us. The Biological Sciences Department offers a strong and collaborative training environment in bioinformatics, statistics, plant biology, and evolutionary genomics. To find out more about the lab, please visit https://mattolson38.wixsite.com/olsonlab and contact Matt Olson <mattolson@ttu.edu>. The deadline for graduate applications to the Biological Sciences Department at Texas Tech is 15 January 2018.