

# Tyler V. Kent

*tvkent @ ucdavis.edu*

## Education

- University of Toronto *beginning Sept 2015* Ph.D in Ecology and Evolutionary Biology Advisor: Dr. Stephen I. Wright
- University of California, Davis *expected June 2015*  
B.S. in Genetics and Genomics, Minor in Statistics  
Overall GPA: 3.53

## Honors and Awards

- Phi Sigma Society, Gamma Delta Chapter member *2014-present*
- Graduate Admissions Award, University of Toronto Faculty of Arts and Science 2015
- Ecology and Evolutionary Biology Entrance Scholarship, University of Toronto 2015

## Teaching Experience

- Learning Assistant, BIS2B: Principles of Ecology and Evolution, UCD *Fall 2012*

## Research Experience

- Research Intern, Ross-Ibarra Lab, Dept. of Plant Sciences, UCD *2014-present*
  - Genotype imputation in a maize association panel
  - Crosses of transgenic maize to test complementation of centromere histone proteins
  - Investigation of gene flow in wild and domesticated rice

## Publications

- **Kent T**, Bhadra-Lobo S, Durvasula A, Yang J, Fuchs E, Ross-Ibarra J. Population genomic assesment of crop-wild gene flow in the endangered wild rice *Oryza glumaepatula in prep*
- Durvasula A, **Kent T**, Ross-Ibarra J. ANGSD-wrapper: scripts to streamline and visualize NGS population genetics analysis *in prep*

## Presentations

- ANGSD-wrapper: scripts to streamline and visualize NGS population genetics analysis, Poster at BAPG XI Conf, UC Davis Dec. 6 2014

## **Skills**

- Programming: proficiency with Python, Linux/Unix, R
- Software: experience with Beagle, TASSEL, BWA, ANGSD, NGSPopGen, Slurm cluster queueing, GitHub (tvkent)
- Greenhouse: controlled crosses of maize