Tyler V. Kent

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Education

- 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 TV**, 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*

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