Tyler V. Kent

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Education

• University of Toronto Ph.D in Ecology and Evolutionary Biology Advisor: Dr. Stephen I. Wright

expected June 2015

beginning Sept 2015

University of California, Davis
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
• Citation for Outstanding Performance, College of Biological Sciences UC Davis	2015
• 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 assessment 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