

# Tyler V. Kent

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CONTACT INFORMATION	Department of Ecology and Evolutionary Biology University of Toronto 25 Willcocks St. Room 3025 Toronto, ON M5S 3B2	tyler.kent@mail.utoronto.ca Website: <a href="http://tvkent.github.io">tvkent.github.io</a> Twitter: <a href="https://twitter.com/tvKent">@tvKent</a> Github: <a href="https://github.com/tvKent">tvKent</a>
EDUCATION	<b>Ph.D., Ecology and Evolutionary Biology</b> University of Toronto Advisor: <a href="#">Dr. Stephen I. Wright</a>  <b>B.S., Genetics and Genomics</b> Minor in Statistics University of California, Davis	expected 2020     June 2015
HONORS AND AWARDS	SMBE 2017 Registration Award (\$395 USD)  Evolutionary Genomics of Sex Travel award (\$550 USD) American Genetic Association and the Center for Evolution and Medicine at Arizona State University for travel to the Evolutionary Genomics of Sex conference in Tempe, Arizona  School of Graduate Studies Conference Grant (\$700 CAD) University of Toronto, to attend The Allied Genetics Conference in Orlando FL  Competitive Offer Award (\$88,000 CAD) University of Toronto Faculty of Arts and Science  Ecology and Evolutionary Biology Entrance Award (\$3,000 CAD) Department of Ecology and Evolutionary Biology, University of Toronto  Citation for Outstanding Performance College of Biological Sciences, UC Davis  Phi Sigma Society, Gamma Delta Chapter member College of Biological Sciences Honor Society, UC Davis  Dean's Honor List College of Biological Sciences, UC Davis	2017   2016  2016  2015-2019  2015  June 2015  2014-2015  Fall 2011, Fall 2013, Spring 2014
PUBLICATIONS	Sas C, Muller F, Kappel C, <b>Kent TV</b> , Wright SI, Hilker M, Lenhard M (2016) Repeated in-activation of the first committed enzyme underlies the loss of benzaldehyde emission after the selfing-transition in <i>Capsella</i> . <i>Current Biology</i> Volume 26, Issue 24, p33133319 doi: <a href="http://dx.doi.org/10.1016/j.cub.2016.10.026">http://dx.doi.org/10.1016/j.cub.2016.10.026</a>  Durvasula A, Hoffman P, <b>Kent TV</b> , Liu C, Kono T, Morrell P, Ross-Ibarra J (2016) ANGSD-wrapper: utilities for analyzing next generation sequencing data. <i>Molecular Ecology Resources</i> . 16: 14491454. doi:10.1111/1755-0998.12578  <b>Kent TV</b> , Uzunovic J, Wright SI (2017) Does coevolution drive the association between recombination rates and transposable elements across the genome? <i>Philosophical Transactions of the Royal Society B</i> (invited, submitted)	
PRESENTATIONS	<b>Kent TV</b> and Wright SI	2016

Mutation load within a selfing allotetraploid  
Talk at Evolutionary Genomics of Sex, Tempe AZ

**Kent TV** and Wright SI 2016  
How does mating system affect linked selection in Capsella?  
Poster at The Allied Genetics Conference, Orlando FL

Durvasula A, **Kent TV**, Bhadra-Lobo S, Ross-Ibarra J 2015  
ANGSD-wrapper: scripts to streamline and visualize NGS population genetics analysis Poster  
at SMBE, Vienna

Durvasula A, **Kent TV**, Bhadra-Lobo S, Ross-Ibarra J 2014  
ANGSD-wrapper: scripts to streamline and visualize NGS population genetics analysis Poster  
at BAPG XI meeting, UC Davis

SOFTWARE ANGSD-wrapper (<https://github.com/mojaveazure/angsd-wrapper>)

RESEARCH EXPERIENCE Graduate Research Assistant, [Wright Lab](#), University of Toronto 2016-  
Research Intern, [Ross-Ibarra Lab](#), UC Davis 2014-2015  
Genotype imputation, controlled crosses of transgenic maize, scripts to improve population  
genomic software, and investigation of crop-wild gene flow in rice

TEACHING EXPERIENCE Guest Lecturer, Multiple Test Correction, Philosophy and Methods EEB graduate course 2016  
Teaching Assistant, Adaptation and Biodiversity, University of Toronto Fall 2015, 2016  
Learning Assistant, Principles of Ecology and Evolution, UCD Fall 2012

SCIENCE OUTREACH Co-leader of EEB Student Journal Club at the University of Toronto 2016-2017  
Founder and co-leader of [\(Re\)Views: A reviews-based journal club](#) 2016  
EEB Bioinformatics Workshop at the University of Toronto co-leader 2016  
Atwood Colloquium in Ecology and Evolution keynote speaker search committee 2015, 2016