

Tyler V. Kent

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: tvkent.github.io Twitter: @tvkent Github: tvkent
EDUCATION	Ph.D., Ecology and Evolutionary Biology University of Toronto Advisor: Dr. Stephen I. Wright B.S., Genetics and Genomics Minor in Statistics University of California, Davis	expected 2020 June 2015
HONORS AND AWARDS	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	2016 2016 2015-2019 2015 June 2015 2014-2015 Fall 2011, Fall 2013, Spring 2014
PUBLICATIONS	Sas C, Muller F, Kappel C, Kent TV , Wright SI, Hilker M, Lenhard M (2016) Repeated inactivation 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: http://dx.doi.org/10.1016/j.cub.2016.10.026 Durvasula A, Hoffman P, Kent TV , 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 Kent TV , 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	Kent TV and Wright SI Mutation load within a selfing allotetraploid Talk at Evolutionary Genomics of Sex, Tempe AZ	2016

	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