

# Arun Durvasula

@arundurvasula

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## Education

BS Biotechnology, Microbiology and Fermentation, University of California Davis 2015

## Experience and Employment

Research Assistant, Hancock Lab. Max F. Perutz Laboratories	June 2015 - Present
Bioinformatician, Rowhani Lab. University of California, Davis.	June 2014 - June 2015
Research Intern, Ross-Ibarra Lab. University of California, Davis.	June 2013 - June 2015
Technical Reviewer for <i>Bioinformatics Data Skills</i> , O'Reilly Media.	December 2013 - March 2014

## Skills

Programming: Python, R, Bash, Awk, C  
Population genetics: demographic inference (PSMC,  $\delta a \delta i$ , ABC), selection scans (SweeD), simulations (ms, SFS\_CODE, SLiM)  
Bioinformatics: BWA, SAMtools, Plink, assembly, alignment, statistical genetics, BLAST  
Tools: Unix, git, slurm, sun grid engine, SQL, NoSQL, Amazon Web Services

## Publications

1. **Durvasula A**, Kent TV, Hoffman PJ, Liu C, Kono TJY, Morrell PL, Ross-Ibarra J. (2015) ANGSD-wrapper. PeerJ PrePrints 3:e1837 <https://dx.doi.org/10.7287/peerj.preprints.1472v1>
2. Timothy Beissinger, Li Wang, Kate Crosby, **Arun Durvasula**, Matthew Hufford, Jeffrey Ross-Ibarra. Domestication and the impacts of linked selection on the maize genome. (2015). In preparation.
3. Tyler Kent, Siddhartha Bhadra-Lobo, **Arun Durvasula**, Jinliang Lang, Eric Fuchs, Jeffrey Ross-Ibarra. Population genomic assessment of crop-wild gene flow in the endangered wild rice *Oryza glumaepatula* (2015). In preparation.

## Teaching

Teaching assistant: ECL 298, Ecological Genomics (Graduate), Winter 2015

## Awards

Undergraduate Travel Award, UC Davis Plant Sciences, 2015  
Vienna Biocenter Summer Internship Scholarship, 2015

## Presentations and Posters

ANGSD-wrapper: scripts to streamline and visualize NGS population genetics analysis, Poster at Society for Molecular Biology and Evolution Conf, Vienna, Austria, 2015  
Population history of island *Arabidopsis thaliana*, Talk at Vienna Biocenter Summer Symposium, Vienna, Austria, 2015

## References

**Angela Hancock**

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**Jeffrey Ross-Ibarra**

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