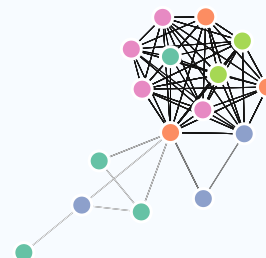


# ALEX RAJEWSKI

A bioinformatician working in human cancer genetics but with training also in plant genetics and evolution. I am an excellent science communicator to both [public](#) and [professional](#) audiences.



## EDUCATION

- PhD Plant Biology**  
University of California  
Riverside, CA  
Dec 2020 | 2015
- MS Horticulture**  
University of Georgia  
Athens, GA  
2015 | 2013
- BS Biochemistry, Cell, and Molecular Biology**  
Drake University  
Des Moines, IA  
2010 | 2006

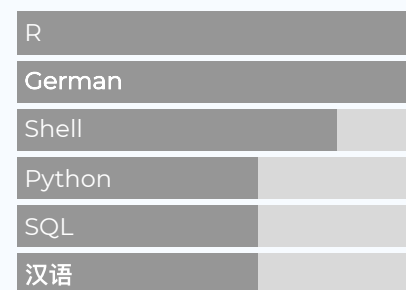
## WORK EXPERIENCE

- Research Bioinformatician II**  
Cedars-Sinai Hospital  
Los Angeles, CA  
current | 2021  
• Applied Genomics, Computation, & Translational Core
- Congress-Bundestag Fellow & Research Intern**  
Universität Rostock  
Germany  
2012 | 2011  
• Developed plant transformation methods in lupine, pea, tobacco, and potato  
• Investigate transgenic vaccine peptides  
• Congress-Bundestag Youth Exchange for Young Professionals Fellow  
• Achieved professional fluency in German
- Research Assistant**  
Pioneer Hi-Bred (Corteva)  
Johnston, IA  
2011 | 2010  
• Developed SQL database to integrate phenotypic and genotypic measurements
- Research Intern**  
North Carolina State University  
Raleigh, NC  
Aug 2009 | May 2009  
• Validated viral protein production in novel hosts  
• NSF Research Experience for Undergraduates (REU) Program

## CONTACT

- [✉ AlexCRajewski@gmail.com](mailto:AlexCRajewski@gmail.com)
- [github.com/rajewski](https://github.com/rajewski)
- [rajewski.github.io](https://rajewski.github.io)
- [in in/alexrajewski](https://in.in/alexrajewski)
- [🐦 Rajewski](https://twitter.com/Rajewski)

## LANGUAGE SKILLS





I have developed diverse skills including NGS data analysis, phylogenetics, R, population genetics, and Git.

The source code is available on [github.com/rajewski/resume](https://github.com/rajewski/resume).



## TEACHING EXPERIENCE

- 2018 ● **California's Cornucopia (TA)**  
UCR Dept of Botany and Plant Science  Riverside, CA
- Led discussion sections for 120 students
  - Introductory, non-major course
- 2016 ● **Foundations of Plant Biology (TA)**  
UCR Dept of Botany and Plant Science  Riverside, CA
- Designed and led lab sections for 80 students
  - Broad, upper-division course






## PEER-REVIEWED PUBLICATIONS

- 2020 ● **Datura Genome Reveals Duplications of Psychoactive Alkaloid Biosynthetic Genes and High Mutation Rate Following Tissue Culture**  
BMC Genomics (in review)  
Alex Rajewski, Derreck Carter-House, Jason Stajich, and Amy Litt
- 2019 ● ***in Vitro* Plant Regeneration and *Agrobacterium tumefaciens*-mediated Transformation of *Datura stramonium***  
Applications in Plant Science  
Alex Rajewski, Kevan Elkins, Ashley Henry, Joyce Van Eck, and Amy Litt
- 2019 ● **Evolution and Diversification of *FRUITFULL* Genes in Solanaceae**  
Frontiers in Plant Science  
Dinusha Maheepala, Chris Emerling, Alex Rajewski, Jenna Macon, Maya Stahl, Natalia Pabón-Mora, and Amy Litt
- 2018 ● **Classification and phylogenetic analyses of the Arabidopsis and tomato G-type lectin receptor kinases**  
BMC Genomics  
Marcella A. Teixeira, Alex Rajewski, Jiangman He, Olenka G. Castaneda, Amy Litt, and Isgouhi Kaloshian

I have two first-author publications and have also collaborated on two more.



## SELECTED OUTREACH

- current  
|  
2010 ● **Extension Master Gardener**  
Cooperative Extension  California, Iowa, Kansas, Georgia
- current  
|  
2018 ● **Big Brother**  
Big Brothers Big Sisters of the Inland Empire  Riverside, CA
- 2020  
|  
2016 ● **Community OUTreach Educator**  
LGBT Resource Center  University of California