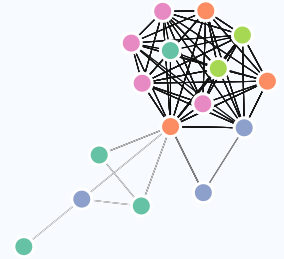


ALEX RAJEWSKI

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
 - Thesis: Micropropagation and Evaluation of the Genetic Population Structure of River Cane (*Arundinaria gigantea*)
- BS Biochemistry, Cell, and Molecular Biology**
Drake University
Des Moines, IA
2010 | 2006

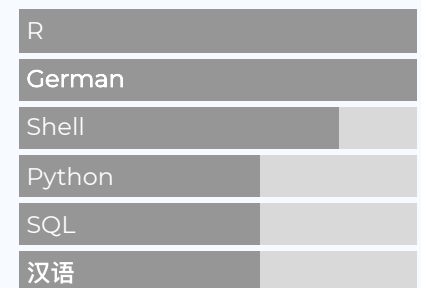
WORK EXPERIENCE

- 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
-  github.com/rajewski
-  rajewski.github.io
-  [in/alexrajewski](https://in.linkedin.com/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.



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