

# Christopher J. Fiscus

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## EDUCATION

### Ph.D. Genetics, Genomics and Bioinformatics

University of California, Riverside

expected 2022

### B.S. Biotechnology

University of California, Davis

June 2015

## PROFESSIONAL EXPERIENCE

### Graduate Student Researcher, University of California, Riverside

Advisor: [Dr. Daniel Koenig](#)

2016-Present

### Quality Control Laboratory Technician, Charles Krug Winery

2015-2016

### Harvest Laboratory Technician, Charles Krug Winery (via Apex Life Sciences)

2015

### Undergraduate Researcher, University of California, Davis

Advisor: [Dr. Jeffrey Ross-Ibarra](#)

2014

### Undergraduate Intern, University of California, Davis

Advisor: [Dr. Kent J. Bradford](#)

Spring 2012

## TEACHING EXPERIENCE

### Guest Lecturer, University of California, Riverside

BIOL 119. Introduction to Genomics and Bioinformatics.

Lecture: Genomics, Phenotype and Disease.

Winter 2020

### Teaching Assistant, University of California, Riverside

BIOL 119. Introduction to Genomics and Bioinformatics

BIOL 102. Introductory Genetics

Winter 2019, 2020, 2021

Winter 2018

### Community Education Instructor, Modesto Junior College

Science Camp

Summer 2013-2014

### Community Education Assistant Instructor, Modesto Junior College

Introductory LEGO Mindstorms NXT Robotics

Advanced LEGO Mindstorms NXT Robotics

Video Game Programming for Kids

Summer 2012-2014

Summer 2013-2014

Summer 2014

## CONTRIBUTED PRESENTATIONS (+ denotes presenter)

**Fiscus CJ+**, Koenig D. [A Catalog of Genome Content Variation in \*Arabidopsis thaliana\*](#). Poster. TAGC 2020 Online. Online. doi: [10.6084/m9.figshare.12148632.v1](https://doi.org/10.6084/m9.figshare.12148632.v1)

Landis JB, Brown KE, Marzolino J, Guercio A, **Fiscus CJ**, Koenig D+. [The Genomic Basis of Adaptation in a Ninety Year Long Barley Experiment](#). Oral. TAGC 2020 Online. Online.

Landis JB, **Fiscus CJ**, Guercio A, Koenig D+. [The Genetic Architecture of Adaptation in the Long Term Barley Composite Cross Experiments.](#) Talk. PAG XXVIII. San Diego, CA

**Fiscus CJ+**, Koenig D. A Catalog of Genome Content Variation in *Arabidopsis thaliana*. Talk. Annual Genetics, Genomics, and Bioinformatics Student Symposium 2019. Riverside, CA

**Fiscus CJ+**, Koenig D. A K-mer Based Approach to Characterize the Dark Matter of the *Arabidopsis thaliana* Genome. Poster. Southern California Evolutionary Genetics and Genomics Meeting 2019. Irvine, CA

**Fiscus CJ+**, Koenig D. [A K-mer Based Approach to Characterize the Dark Matter of the \*Arabidopsis thaliana\* Genome](#). Poster. SMBE 2019. Manchester, UK

Landis JB+, Nguyen J, Villamor I, Guercio A, **Fiscus CJ**, Quigley M, Ophelders T, Eithun M, Munch E, Chitwood D, Koenig D. [Integrating next-generation high resolution phenotype acquisition with genotypes to study adaptation in barley \(\*Hordeum vulgare\*\)](#). Oral. Botany 2019. Tucson, AZ

Valdez CR, **Fiscus CJ+**, Koenig D. Characterization of Genome Content Variation in *Oryza sativa*. Poster. UCR Graduate Program in Genetics, Genomics and Bioinformatics Symposium 2019. Poster. Riverside, CA

Landis JB+, Guercio AM, **Fiscus CJ**, Koenig D. [Phenotypic variation and genetic control of long-term success in a near century long study of barley \(\*Hordeum vulgare\*\)](#). Oral. Botany 2018. Rochester, MN

Landis JB+, **Fiscus CJ**, Guercio AM, Koenig D. [Elucidating the genetic control of long-term success in a near century long study of barley \(\*Hordeum vulgare\*\)](#). Oral. Evolution 2017. Portland, OR

## AWARDS AND FELLOWSHIPS

Earle C. Anthony Graduate Student Travel Award (UCR)-\$1000	2020
UCR Graduate Student Association Conference Travel Grant- \$900	2019
Best Student Appetizer, Botany and Plant Sciences Holiday Party	2017, 2018, 2019
Dean's Distinguished Fellowship (UCR)	2016-2018

## PROFESSIONAL AFFILIATIONS

Genetics Society of America	2020-Present
Society for Molecular Biology and Evolution	2017-Present

## OUTREACH

Scientist Mentor, <a href="#">PlantingScience</a>	2017-2020
Volunteer, UC Riverside Plant Discovery Day	April 2019
National History Day Judge, Riverside Unified School District	January 2018
Master Plant Science Team, <a href="#">PlantingScience</a>	2017-2018
Guest Speaker, James C. Enochs High School Forensics/Biotechnology Career Pathway Program	March 2017

## SERVICE

President, GGB Graduate Student Association (UCR)	2019-2020
Secretary, GGB Graduate Student Association (UCR)	2017-2018

## MENTORING

Livia Nguyen, UCR undergraduate	2020
Caitlin Santos, UCR undergraduate	2019-2021

Johnny Nguyen-Tran, UCR undergraduate  
Chris Roland Valdez, NSF-CEPCEB REU Program in Next Generation Plant Biology  
Selena Burke, NSF-CEPCEB REU Program in Next Generation Plant Biology

2019  
Summer 2018  
Summer 2017