

Christopher J. Fiscus

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EDUCATION

Ph.D. Genetics, Genomics and Bioinformatics

expected 2021

University of California, Riverside

B.S. Biotechnology

June 2015

University of California, Davis

PROFESSIONAL EXPERIENCE

Graduate Student Researcher, University of California, Riverside

2016-Present

Advisor: [Dr. Daniel Koenig](#)

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

2014

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

Undergraduate Intern, University of California, Davis

Spring 2012

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

TEACHING EXPERIENCE

Guest Lecturer, University of California, Riverside

BIOL 119. Introduction to Genomics and Bioinformatics.

Winter 2020

Lecture: Genomics, Phenotype and Disease.

Teaching Assistant, University of California, Riverside

BIOL 119. Introduction to Genomics and Bioinformatics

Winter 2019, Winter 2020

BIOL 102. Introductory Genetics

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

Summer 2012-2014

Advanced LEGO Mindstorms NXT Robotics

Summer 2013-2014

Video Game Programming for Kids

Summer 2014

NON-PEER REVIEWED PUBLICATIONS

Fiscus CJ (2015) [Data Reproducibility: The Chink in Science's Armor](#) *The Aggie Transcript*

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](#)

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 -\$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

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

OUTREACH

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|---|--------------|
| Scientist Mentor, PlantingScience | 2017-Present |
| Mentor, James C. Enochs High School Eagles Soar Program | 2019 |
| Volunteer, UC Riverside Plant Discovery Day | April 2019 |
| National History Day Judge, Riverside Unified School District | January 2018 |
| Master Plant Science Team, PlantingScience | 2017-2018 |
| Guest Speaker, James C. Enochs High School Forensics/Biotechnology Career Pathway Program | March 2017 |
| Design / Core Values Judge, FIRST LEGO League | 2010-2014 |

SERVICE

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

MENTORING

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| Livia Nguyen, UCR undergraduate | 2020 |
| Caitlin Santos, UCR undergraduate | 2019-2020 |
| Johnny Nguyen-Tran, UCR undergraduate | 2019 |
| Chris Roland Valdez, NSF-CEPCEB REU Program in Next Generation Plant Biology | Summer 2018 |
| Selena Burke, NSF-CEPCEB REU Program in Next Generation Plant Biology | Summer 2017 |