

Christopher J. Fiscus

4/29/2017

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EDUCATION

Ph.D. Genetics, Genomics and Bioinformatics

University of California, Riverside, expected 2021

B.S. Biotechnology

University of California, Davis, June 2015

RESEARCH EXPERIENCE

Graduate Student Researcher, University of California, Riverside, 9/2016-present

Investigating genetics, genomics and evolution of the Poaceae.

PI: Dr. Daniel Koenig, Department of Botany & Plant Sciences

Undergraduate Researcher, University of California, Davis, 1/2014- 10/2014

Investigated evidence of centromere drive from next-generation sequence data in maize.

PI: Dr. Jeffrey Ross-Ibarra, Department of Plant Sciences

Undergraduate Intern, University of California, Davis, 4/2012- 6/2012

Assisted graduate student mentor with faculty sponsored research project investigating genetic and environmental interactions affecting seed dormancy in lettuce.

PI: Dr. Kent J. Bradford, Department of Plant Sciences

PERTINENT WORK EXPERIENCE

Quality Control Laboratory Technician, Charles Krug Winery, 12/2015- 8/2016

Performed laboratory analyses of finished wine to ensure that legal and product quality specifications are met.

Harvest Laboratory Technician, Charles Krug Winery (via Apex Life Sciences; formerly Lab Support), 8/2015- 11/2015

Supported winemaking operations by performing quantitative physical, chemical, and microbiological analyses of berries, musts, and wines.

Tutor, One-on-One Tutoring and Educational Mapping, 9/2014- 6/2015

Assisted students in grades 9-12 with academic coursework in science and mathematics.

Community Education Instructor, Modesto Junior College, 6/2013- 7/2014

Provided one-on-one and group instruction for seasonal week-long day camps teaching basic scientific principles to students in grades 1-6.

Student Assistant, Ross-Ibarra Laboratory, University of California, Davis, 10/2012- 9/2013

Assisted with laboratory and greenhouse experiments in support of faculty sponsored research projects.

Community Education Assistant Instructor, Modesto Junior College, 6/2012- 7/2014

Assisted teaching seasonal community education courses in LEGO Mindstorms NXT robotics and video game programming for students in grades 5-9.

AWARDS AND FELLOWSHIPS

Dean's Distinguished Fellowship, 2016

California Highway Patrol 11-99 Foundation Scholarship, 2011-2015

SERVICE

Guest Speaker, James C. Enochs High School, March 2017

Design/ Core Values Judge, FIRST LEGO League, 2010-2014

OTHER RELEVANT SKILLS AND EXPERIENCE

Working proficiency in Python and R.