

Jeffrey Ross-Ibarra

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Education

PhD Genetics, University of Georgia 2006
MS Botany, University of California Riverside 2000
BA Botany, University of California Riverside 1998

Academic Employment

Professor, Dept. Evolution and Ecology, University of California Davis 2019-present
Chair Professor, College of Plant Sciences, Huazhong Agricultural University 2024
Paternity leave 2017
Professor, Dept. Plant Sciences, University of California Davis 2016-2019
Associate Professor, Dept. Plant Sciences, University of California Davis 2012-2016
Assistant Professor, Dept. Plant Sciences, University of California Davis 2009-2012
Postdoctoral Researcher, University of California Irvine 2006-2008
Profesor de Asignatura, Universidad Nacional Autónoma de México 2001

Selected Fellowships and Awards

NAS Prize in Food and Agriculture, 2024
Fellow, AAAS, 2020
Stadler Mid-Career Excellence in Maize Genetics Award, 2016
Faculty Development Award in recognition of university service, 2015
DuPont Young Professor Award, 2012
Presidential Early Career Award for Scientists and Engineers, 2009

Instruction and Advising

Current (total) advisees: 3 (29) postdoc, 7 (13) graduate, 2 (40) undergraduate
Faculty trainer, Evolution and Ecology Scholars program, 2023-present
NSF REU (EEREC) faculty advisor, 2022-present
Plant Biology (UC Davis, PLB200A, graduate), 2018-2022
Ecological Genomics (UC Davis, ECL 243, graduate), 2014-present
Genetics (UC Davis, BIS 101, undergraduate), 2013-present
Faculty advisor, US-Mexico graduate student exchange program, 2011-2015
Population and Quantitative Genetics (GGG 201D, graduate), 2010-2013

Plant Genetics (PLS 152, undergraduate), 2010-2011

Biología de Plantas I (undergraduate), UNAM, 2001

Service: selected from last 3 years

University

Director, High Performance Computing Core Facility	2024-present
Chair, CBS High Performance Computing Advisory Cmte	2021
Chair and Co-Chair, Ecology & Evolution Seminar Series	2020-2022
EVE representative, Faculty Executive Cmte, College of Biological Sciences	2020-2022
Advisory cmte, controlled environment facility	2020-2024
Executive Cmte, Plant Biology Graduate Group	2019-present
Graduate advisor: Ecology Graduate Group (2018-2021), Plant Biology (2021-present)	
appointment (1), tenure (3), full professor (2)	
Confidential committee for the Office of the Vice Provost — Academic Affairs	2017-2024
Faculty advisor, Corteva graduate student symposium in plant science	2012-2021

Professional

Organizing Committee, Society for Molecular Biology and Evolution Conference	2024
Chair, Genetics Society of America PEQG Conference	2022
Chair, Plant Genomes Online Conference	2022
Board of Directors, Maize Genetics Corporation	2022-present
Maize Genetics Advocacy Cmte,	2022-present
Executive Council, Society of Molecular Biology and Evolution	2022-present
Scientific Advisory Board, FOREVER project	2021-present
Founder and organizer, Zeavolution webinar series	2019-present
Maize Genetics Awards Committee	2017,2019-2020,2022
Editorial Boards: Genes, Genomes, and Genetics Senior (2017-2024) and Associate (2014-2024) Editor, New Phytologist Associate Editor (2021-2022), eLife Reviewing Editor (2021-2024) PeerJ Senior (2018-2019) and Associate (2013-2021) Editor	
Grant peer review: NSF	
Journal peer review: Cell, Nature, Science, Plant Cell, Trends in Genetics (2) , Current Biology , Evolutionary Applications, Molecular Ecology, PNAS (2) , Scientific Reports , Genetics , G3 (many), American J Botany, The Plant Journal, eLife	

Contributions to Diversity

Maize Genetics code of conduct committee	2023-present
Faculty representative, Pop Bio graduate student DEI cmte	2023-present
Chair, Maize Genetics review multi-society DEI initiative	2023
Faculty representative, EEB grad preview workshop	2023
Member, IDEA Cmte, Society for Molecular Biology and Evolution	2022-present