

Biographical Sketch — Jeffrey Ross-Ibarra

(a) Professional Preparation

Institution	Area	Degree / Training	Dates
University of California Riverside	Botany	BA, MS	1998, 2000
University of Georgia	Genetics	PhD	2006
University of California Irvine	Genetics	Postdoctoral Research	2008

(b) Professional Appointments

Position	Institution	Dates
Professor	University of California Davis	2016-present
Associate Professor	University of California Davis	2012-2016
Assistant Professor	University of California Davis	2009-2012
Profesor de Asignatura	Universidad Nacional Autónoma de México	2001

(c) Products

Most Relevant to the Proposed Research

- Stetter MG, Thornton K, Ross-Ibarra J (2018) Genetic architecture and selective sweeps after polygenic adaptation to distant trait optima. *PLOS GENETICS In Press*
- Stitzer MC, Ross-Ibarra J (2018) Maize domestication and gene interaction. *NEW PHYTOLOGIST* 220:395-408
- Wang L, Beissinger TM, Lorant A, Ross-Ibarra C, Ross-Ibarra J, Hufford MB (2017) The interplay of demography and selection during maize domestication and diffusion. *GENOME BIOLOGY* 18:215
- Hufford MB, Xun X, van Heerwaarden J, Pyhäjärvi T, Chia J-M, Cartwright RA, Elshire RJ, Glaubitz JC, Guill KE, Kaeppler S, Lai J, Morrell PL, Shannon LM, Song C, Springer NM, Swanson-Wagner RA, Tiffin P, Wang J, Zhang G, Doebley J, McMullen MD, Ware D, Buckler ES, Yang S, Ross-Ibarra J (2012) Comparative population genomics of maize domestication and improvement. *NATURE GENETICS* 44:808-811
- van Heerwaarden J, Doebley J, Briggs WH, Glaubitz JC, Goodman MM, Sánchez González JJ, Ross-Ibarra J (2011) Genetic signals of origin, spread and introgression in a large sample of maize landraces. *PNAS* 108: 1088-1092

Additional Products

- Stetter MG, Gates DJ, Mei W, Ross-Ibarra J (2017) How to make a domesticate. *CURRENT BIOLOGY* 27:R896-R900
- Velasco D, Aradhya M, and Ross-Ibarra J (2016) Evolutionary genomics of peach and almond domestication. *G3* 6:3985-3993
- Beissinger TM, Wang L, Crosby K, Durvasula A, Hufford MB, Ross-Ibarra J (2016) Recent demography drives changes in linked selection across the maize genome. *NATURE PLANTS* 2:16084
- Hake S, Ross-Ibarra J (2015) Genetic, evolutionary and plant breeding insights from the domestication of maize. *ELIFE* 2015;4:e05861
- Morrell PL, Buckler ES, Ross-Ibarra J (2012) Crop genomics: advances and applications. *NATURE REVIEWS GENETICS* 13:85-96

(d) Synergistic Activities

- Stadler Mid-career award in research excellence in maize genetics, 2016
- Faculty development award in recognition of university service, 2015

- Senior Editor at G3, PeerJ; Associate Editor PLoS Genetics
- DuPont Young Professor 2012-2014, faculty advisor for DuPont Pioneer graduate student symposium in plant sciences 2012-present
- Presidential Early Career Award for Scientists and Engineers 2009