
GAVIN R. RICE

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EDUCATION

UNIVERSITY OF CALIFORNIA, DAVIS – PH.D. IN GENETICS, 2016

UNIVERSITY OF CALIFORNIA, DAVIS – B.S. IN GENETICS, 2009

TEACHING & PRESENTATIONS

SPEAKER, DROSOPHILA RESEARCH CONFERENCE

Dallas, TX – March 2019

Philadelphia, PA – April 2018

Chicago, IL – March 2015

POSTER PRESENTATION, DROSOPHILA RESEARCH CONFERENCE

Orlando, FL – July 2016

San Diego, CA – March 2014

San Diego, CA – April 2011

SPEAKER, ENTOMOLOGY SOCIETY OF AMERICA CONFERENCE, PACIFIC BRANCH

Lake Tahoe, CA – April 2013

TEACHING ASSISTANT, UC DAVIS

MCB160L: Principles of Genetics Laboratory, Dr. Jeanette Natzle – Fall 2015 & Fall 2014

TEACHING ASSISTANT, UC DAVIS

BIS 2B: Introduction to Biology: Principles of Ecology & Evolution,

Dr. John Stachowicz & Dr. Richard Grosberg – Spring 2011

TEACHING ASSISTANT, UC DAVIS

BIS 101: Genes & Gene Expression, Dr. Daniel Kliebenstein – Fall 2010

LABORATORY EXPERIENCE

POSTDOCTORAL FELLOW, DR. MARK REBEIZ LAB

University of Pittsburgh, Department of Biology – February 2017 - Present

GRADUATE STUDENT RESEARCHER, DR. ARTYOM KOPP LAB

UC Davis, Department of Evolution & Ecology – May 2010 - December 2016

ROTATIONAL GRADUATE STUDENT RESEARCHER, UC DAVIS

Dr. Jeffery Ross-Ibarra Lab; Dr. Artyom Kopp Lab; Dr. Daniel Starr Lab – June 2009 - April 2010

UNDERGRADUATE STUDENT RESEARCHER, DR. DAVID BEGUN LAB
UC Davis, Department of Evolution & Ecology – April 2006 - May 2009

AWARDS

DROSOPHILA RESEARCH CONFERENCE TRAVEL AWARD
July 2016

NATIONAL SCIENCE FOUNDATION GRANT
Doctoral Dissertation Improvement Grants (DDIG) in the Directorate for Biological Sciences,
2015 - 2016

PROFESSORS FOR THE FUTURE FELLOWSHIP
UC Davis Graduate Studies, September 2014 - June 2015

POSTER AWARD, 2ND PLACE
Drosophila Research Conference, San Diego, CA – March 2014

DEAN'S MENTORSHIP AWARD
UC Davis, College of Biological Sciences – 2014

NATIONAL SCIENCE FOUNDATION FELLOWSHIP
Graduate Research Fellowship Program Fellow (GRFP) – 2011 - 2014

SERVICE

ADMISSIONS COMMITTEE
Co-chair Early Career Scientist Leadership Program Steering Committee, 2018 - present

ADMISSIONS COMMITTEE
Representative for Integrative Genetics & Genomics Graduate Admissions, 2013 - 2014

ORGANIZING COMMITTEE & PRESENTER
Graduate Student Workshops for Applying to the National Science Foundation's Fellowship Program, 2013 - 2014

MENTOR FOR ROTATIONAL GRADUATE STUDENTS
UC Davis Integrative Genetics & Genomics Graduate Group, 2011 - 2016

MENTOR FOR UNDERGRADUATE STUDENTS
UC Davis Biology Undergraduate Scholars Program, 2010 - 2016

MENTOR FOR HIGH SCHOOL STUDENTS
Davis High School Biotechnology Program, 2013- 2015

MENTOR FOR VISITING SCHOLARS

UC Davis Integrative Genetics & Genomics Graduate Group, 2011 - 2014

MENTOR FOR 1ST YEAR GRADUATE STUDENTS

UC Davis Integrative Genetics & Genomics Graduate Group, 2011 - 2012

NATIONAL STUTTERING ASSOCIATION MEMBER

Roseville Chapter, 2010 - 2012

PUBLICATIONS

Vincent, B.J.*; **Rice, G.R.***; Wong, G.M.; Glassford, W.J.; Downs, K.I.; Shastay, J.L.; Charles-Obi, K.; Natarajan, M.; Gogol, M.; Zeitlinger, J.; Rebeiz, M. 2019. An atlas of transcription factors expressed in the *Drosophila melanogaster* pupal terminalia. Biorxiv doi: <https://doi.org/10.1101/677260>

* Both authors contributed equally

Rice, G.R.; David, J.; Kamimura, Y.; Masly, J.; Mcgregor, A.; Nagy, O.; Noselli, S.; Nunes, M.D.S.; O'Grady, P.; Sánchez-Herrero, E.; Siegal, M.; Toda, M.; Rebeiz, M.; Courtier-Orgogozo, V.; Yassin, A. 2019. A Standardized Nomenclature and Atlas of the Male Terminalia of *Drosophila melanogaster*. Preprints, doi: 10.20944/preprints201906.0071.v1

Rice, G.R., Barmina, O., Luecke, D., Hu, K., Arbeitman, M Kopp, A., 2019. Modular tissue-specific regulation of *doublesex* underpins sexually dimorphic development in *Drosophila*. Biorxiv doi: <https://doi.org/10.1101/585158>

Rice, G.R.; Rebeiz, M. Evolution: How Many Phenotypes Do Regulatory Mutations Affect? 2019. *Current Biology*. 29(1):R21-R23. doi: 10.1016/j.cub.2018.11.027.

Rice, G.R., Barmina, O., Hu, K., Kopp, A., 2018. Evolving doublesex expression correlates with the origin and diversification of male sexual ornaments in the *Drosophila* immigrans species group. *Evolution and Development* 20, 78-88. doi:10.1111/ede.12249

Byrne, P.G., **Rice G.R.** & Rice W.R. 2008. Effect of a refuge from persistent male courtship in the laboratory environment. *Integrative and Comparative Biology*, doi:10.1093/icb/icn001