

Curriculum Vitae

Ian Michael Wright

Museum of Riverside
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Born: 31 March, 1986 in Corona, CA

Education

University of California, Davis B.S. in Evolution, Ecology, and Biodiversity June 2008.

University of Texas at Austin M.A. in Evolution, Ecology, and Behavior August 2015.

Current Position

Curator of Natural History (2023-)

Positions Held

Assistant Director, James Reserve, UC Natural Reserve System (2022-2023)

Laboratory Assistant III, UC Riverside Department of Entomology (2019-2022)

Staff Research Associate, UC Riverside Department of Entomology (2017-2019)

Scientist Associate, Herpetology Collections at UT Austin (2015-2017)

Lecturer, UT Austin Integrative Biology Department (2016-2017)

Research Assistant, UT Austin Integrative Biology Department (Summer 2015)

Teaching Assistant, UT Austin Integrative Biology Department (2009-2015)

Laboratory Assistant, Millar Lab, UC Riverside Entomology Department (2004-2009)

Awards and Honors

Outstanding Teaching Award (\$500) UT Austin 2012

Outstanding Student of 2008 - Ecology, Evolution, and Biodiversity

UC Davis Dean's List Fall Quarter 2004

Presentations and Seminars/Symposia

Macro Photography Workshop for the Entomological Society of Central Florida, 2021

Macro Photography Workshop for the Shoal Creek Conservancy, 2020

Macro Photography Workshop for the UC Riverside Entomology Department, 2018 & 2019

Macro Photography Workshop for the Entomological Society of America – Pacific Branch, Reno, NV 2018

Entomological Society of America Pacific Branch Meeting, Reno, NV 2018 – Poster

Entomological Society of America National Meeting, Denver, CO 2017

Joint Meeting of Ichthyologists and Herpetologists, Austin, TX 2017 - Poster

Macro Photography Workshop for the Entomological Society of America, Austin, TX 2013

UT Population Biology Seminar, Austin, TX 2013 - Talk

UT Integrative Biology Graduate Research Symposium, Austin, TX 2012 - Talk

American Chemical Society, Denver, CO 2011 – Talk co-author

Ecological Society of America, Austin, TX 2011 - Talk

Texas Academy of Sciences, Austin, TX 2011 - Talk

Undergraduate Research Conference, Davis, CA 2008 - Talk

Entomological Society of America National Meeting, Reno, Nevada 2008 – Poster co-author

Workshops Completed

Bug Shot insect photography workshop 2014-2017, 2019

Teaching Experience

Lecturer, UT Austin (lead instructor for an upper division biology course on Comparative Animal Physiology) 2016-2017

Teaching Assistant, UT Austin (taught courses on Field Biology, Structure and Function of Organisms, Vertebrate Natural History, Field Herpetology, Field Entomology, and General Entomology) 2009-2015

Undergraduate Assistant, UC Davis (helped teach an Introductory Zoology lab) 2006

Lectures Given

Substitute lecture on Insect societies for BIO 453L – An upper division course on Entomology at UT Austin (2012)

Substitute lecture on Insect development for BIO 453L – An upper division course on Entomology at UT Austin (2011)

Lecture on Lepidoptera for BIO 353F – An upper division field course in Entomology at UT Austin (2011)

Substitute lecture on vertebrate phylogenetic relationships for BIO 455L – An upper division course on Vertebrate Natural History at UT Austin (2011, 2012, 2013)

Review Lecture for BIO 1B – a Lower Division General Zoology Course at UC Davis

Outreach

Led an outreach booth and was a guest speaker for the Riverside Insect Fair from 2017-2019

Led an outreach booth and was a guest speaker at the San Bernardino Natural History Museum, 2018

Led insect and spider walks for the LBJ Wildflower center during October 2014, 2015, 2016

Led numerous nature hikes for the Austin Youth River Watch program during summer 2014

UT Science Under the Stars outreach talk on spider biology (2013) and reproduction (2014) to the general public, Austin, TX

Guest speaker talk for the Texas Natural Sciences Center on insect curation given to K-12 educators during 2012 and 2013 Teacher Training (awarded honoraria)

Guest speaker talk on macro photography for the Austin Butterfly Forum in 2013

Collection and curation of insects talk given to K-12 educators at 2012 UT Insecta Fiesta event

Led insect observation walks for the public at 2012 UT Insecta Fiesta event

Publications

Wright, Ian M. 2015. A review of the impacts of invasive grasses on herpetofauna. Masters thesis, University of Texas at Austin.

Ray, A. M., J. D. Barbour, J. S. McElfresh, J. A. Moreira, I. Swift, **I. M. Wright**, A. Žunič, R. F. Mitchell, E. E. Graham, R. L. Alten, J. G. Millar, and L. M. Hanks. 2012. 2,3-Hexanediols are Female-produced Sex Attractant Pheromones for Cerambycid Beetles in the Prionine Genus *Tragosoma*. *Journal of Chemical Ecology* 38(9): 1151-1158

Rodstein, J., J. G. Millar, J. D. Barbour, J. S. McElfresh, **I. M. Wright**, K. S. Barbour, A. M. Ray, and L. M. Hanks. 2011. Determination of the relative and absolute configurations of the female-produced sex pheromone of the cerambycid beetle *Prionus californicus*. *Journal of Chemical Ecology* 37(1):114-124

Waterworth, R. A., **I. M. Wright**, and J. G. Millar. 2011. Reproductive biology of three cosmopolitan mealybug (Hemiptera: Pseudococcidae) species, *Pseudococcus longispinus*, *Pseudococcus viburni*, and *Planococcus ficus*. *Annals of the Entomological Society of America* 104(2): 249-260

Submitted Manuscripts

None currently

Manuscripts in Preparation

Wright, I. M. and LaDuc, T. J. Diet of the Spot-tailed earless lizard (*Holbrookia lacerata*) (*Southwestern Naturalist*)

Wright, I. M. Cow Fecal Arthropod Community Succession in Pasture and Forest Habitats in Monteverde, Costa Rica. (*Biotropica*)

Weyland, D. M., I. M. Wright, D. E. Minier, and K. N. Sato. Demography and Behavior of Native and Invasive Turtles: Assessing the Impacts of *Trachemys scripta* on *Emys marmorata*. (*Biological Conservation*)

Wright, I. M. The Impacts of Invasive Species on Lizard Communities: A Review. (*Biological Invasions*)

Reviews solicited

Selected to review a grant submission for the Texas Academy of Sciences

Selected to review a manuscript for the Journal of Fish and Wildlife Management

Grants Received

UT Austin EEB Department Start-up Funds, 2011, \$2000

Organizations

Member of the Texas Academy of Sciences, Texas Herpetological Society, Horned Lizard Conservation Society, Society for the Study of Amphibians and Reptiles, Southwestern Association of Naturalists, Society for Conservation Biology, Wildlife Society, Ecological Society of America, Entomological Society of America

Founding member of the University of Texas Natural History Club focused on outreach and undergraduate involvement in the natural sciences (2013)

Elected and Appointed Positions

Coach, UCR Linnaean Games team (2017-2019)

Founding president of the UT Natural History Club (2013-2017)

Co-president of the ESA SEEDS club, Davis chapter (2007-2008)

Chapter Representative, The Wildlife Society, Davis chapter (2006-2007)

Skills

- Proficient in Word, Excel, PowerPoint, or similar software
- Proficient in statistics programs including JMP, SAS, R, and MINITAB
- Proficient in ARC GIS platform
- Ability to take accurate notes and observations as well as enter data accurately and efficiently
- Ability to think and learn quickly
- Cooperative, communicative, good listener
- Proficient in optical and digital microscopy techniques
- Skilled in dissection work and use of precision instruments including Gas Chromatography – Electroantennae Detection (GCEAD)
- Skilled in preparatory and curatorial work with herps, mammals, and, especially, insects
- Skilled in live rearing and creating colonies from wild stock of numerous arthropod species
- Highly skilled photographer and videographer including scientific imaging as well as proficient in use of photo editing software including Photoshop, Lightroom, Zerene Stacker, and Image J

Experience

- Volunteered constructing, testing, and modifying turtle traps, turtle demographic studies (including marking and scute cutting), and turtle behavioral studies (Shaffer lab UCD)
- Volunteered with butterfly diversity transects (Shapiro lab UCD) and mouse demography studies
- Volunteered with insect diversity and sorting of insect samples (Schoener lab UCD)
- Worked for the UC Davis Museum of Wildlife and Fish Biology doing independent butterfly diversity surveys
- Worked with pheromone ecology of beetles including field work and insect rearing (Millar lab UCR)
- Independent fecal community ecology research in Monteverde, Costa Rica (Wright in prep.)
- Independent group research on freshwater turtle behavior and demography (Weyland et al. in prep.)
- Skilled in insect and other animal rearing, animal care and handling, trapping and trapping methodology, marking techniques, specimen collection and preparation, labeling and databasing experience, and experimental design. Also skilled in protocol and permit procedures and applications, as well as preparing findings for the above activities both as research reports and for submission to scientific journals
- 8 years of teaching experience including laboratory courses on vertebrate natural history, animal behavior, and entomology
- Expert photographer with experience in both wildlife photography and specimen imaging and databasing
- Photography instructor for the UT Austin Insects Unlocked public domain imaging project

References

References provided upon request