

# CURRICULUM VITAE

## WADE DISMUKES

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## EDUCATION

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*July 2016 - Current* | *PhD. Student in Ecology & Evolutionary Biology*  
Iowa State University  
Advisor: Dr. Tracy Heath

AUGUST 2011 - MAY 2016 | *B.S. in Mathematics and Biology, University of Missouri - Columbia*  
University of Missouri - Columbia, graduated with honors, cum laude

## RESEARCH EXPERIENCE

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*July 2016 - Current* | Graduate Research Assistant  
Department of Ecology, Evolution, and Organismal Biology  
Iowa State University, Ames, Iowa  
Advisor: Dr. Tracy Heath

JUNE 2014 - MAY 2016 | Undergraduate Research Assistant  
University of Missouri, Columbia  
Advisor: Dr. J. Chris Pires

AUGUST 2011 - MAY 2014 | Undergraduate Research Assistant  
University of Missouri, Columbia  
Advisors: Dr. Heidi Appel & Dr. Jack C. Schultz

## TEACHING EXPERIENCE

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SPRING 2018 | Graduate Teaching Assistant  
Biology 256L - Human Physiology Lab  
Iowa State University

FALL 2017 | Graduate Teaching Assistant  
Biology 211 - Introductory Biology Lab  
Iowa State University

## SCHOLARSHIPS & AWARDS

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- 2018 Travel Award Ecology and Evolutionary Biology Program, Iowa State University
- 2016 Graduate Research Fellowship, National Science Foundation
- 2016 Miller Scholarship, Iowa State University
- 2016 Presidential Scholarship, Iowa State University
- 2016 Young Botanist of the Year Award, Botanical Society of America
- 2016 Colonel Arthur Allen Scholarship, University of Missouri
- 2014 Undergraduate Research Travel Award, University of Missouri
- 2014 Life Sciences Undergraduate Research Opportunity, University of Missouri
- 2013 Undergraduate Research Travel Award, University of Missouri
- 2013 Monsanto Undergraduate Research Fund, University of Missouri
- 2012 Hughes Research Fellowship, University of Missouri
- 2011 Hughes Research Apprenticeship, University of Missouri

## CONFERENCE PRESENTATIONS

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2019. **Wade Dismukes**, Tracy Heath. “Using historical biogeographic models for cophylogenetic analyses”, Submitted talk. Evolution, Providence, Rhode Island, USA.

2018. **Wade Dismukes**, Tracy Heath. “Evaluating a method for detecting hybridization using macroevolutionary simulator of phylogenomic data”, Lightning talk. Evolution, Montpellier, France

2018. **Wade Dismukes**, Tracy Heath. “Evaluating a method for detecting hybridization using macroevolutionary simulator of phylogenomic data”, Lightning talk. Society of Systematic Biologists Meeting, Columbus, Ohio, USA.

2017. **Wade Dismukes**, Tracy Heath. “A macroevolutionary simulator of phylogenomic data”, Poster. Evolution, Portland, Oregon, USA.

2016. **Wade Dismukes**, Jocelyn Hall, Patrick Edger, J. Chris Pires. “Interrogating the genome evolution of the Cleomaceae using transcriptomic data”, Poster. Evolution, Austin, Texas, USA.

2014. **Wade Dismukes**, Patrick Edger, J. Chris Pires, Heidi Appel, Jack C. Schultz. “Darwin’s peaches: grape-phylloxera galls interrogated by RNA-seq”, Poster. Evolution, Raleigh, North Carolina, USA

2014. **Wade Dismukes**, Patrick Edger, J. Chris Pires, Heidi Appel, Jack C. Schultz. “Darwin’s peaches: grape-phylloxera galls interrogated by RNA-seq”, Poster. Botany, Boise, Idaho, USA

## WORKSHOP & HACKATHON PARTICIPATION

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- RevBayes Hackathon, LBBE, Lyon, France, August 13-17, 2018
- RevBayes Hackathon, University of Minnesota, Minneapolis, Minnesota, March 1-5, 2018
- NIMBioS RevBayes Workshop, NIMBioS, Knoxville, Tennessee, August 2018
- Woods Hole Workshop on Molecular Evolution, July 2013

## OUTREACH

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- Department of Energy - Science Bowl Judge - January 26, 2019
  - Ensured science bowl teams followed rules and moderator correctly read questions.
- Preparing Summer Undergraduate Research Applications for Underrepresented Students. STEM Scholars Program Workshop. January 8, 2018.
  - Provided advice, personal experiences of getting into research, and 1-on-1 editing of application materials.
- Undergraduate Research Ambassador, University of Missouri 2013 - 2016.
  - Fostered the participation of undergraduate students in research.
  - Organized annual undergraduate research symposium.

## SERVICE TO DEPARTMENT PROFESSION AND COLLEGE

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- Ecology, Evolution and Organismal Biology Graduate Student Organization - President, 2019-2020

## SKILLS

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Languages | Intermediate: R, Python, C++, git, Markdown, shell scripting

## SOCIETY MEMBERSHIPS

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- Society of Systematic Biology
- American Society of Naturalists
- Phi Beta Kappa, Alpha of Missouri Chapter