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**Biological Sciences**  
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### Academic Degrees

2009            Ph.D. UCLA, Los Angeles, CA, Biology. (Lab of Greg Grether)  
 2002            B.S. Denison University, Granville, OH, *summa cum laude* in Biology

### Academic Work Experience

2014-Present    Assistant Professor, Department of Biological Science, Dominican University, River Forest, Illinois.  
 2012-2014      Visiting Assistant Professor, Department of Biology, Oberlin College, Oberlin, Ohio.  
 2010-2012      Postdoctoral Researcher, Instituto de Ecología, Universidad Nacional Autónoma de México, Mexico City, Mexico.  
 2010-2012      Assistant Researcher, Step 1, UCLA, Los Angeles, California.  
 2009-2010      Adjunct Professor, Occidental College, Los Angeles, California.  
 2009-2010      Lecturer, School of Life Sciences, UCLA, Los Angeles, California.  
 2002-2009      Graduate Student (research and teaching assistant), Department of Ecology and Evolutionary Biology, UCLA, Los Angeles, California

### Teaching Experience at Dominican University (current position)

|            |              |  |
|------------|--------------|--|
| 2016       | Fall         | BIOL 288 Invertebrate Zoology – Lecture & Laboratory |
| 2015       | Fall         | BIOL 268 Animal Behavior – Lecture & Laboratory      |
| 2015, 2016 | Spring       | BIOL 112 General Biology 2 – Lecture                 |
| 2015, 2016 | Spring       | BIOL 397 Evolution – Lecture & Laboratory            |
| 2014, 2015 | Fall, Spring | NSC/ENVS 292 Environmental Biology - Lecture         |
| 2014-2016  | Fall         | BIOL 299 Ecology – Lecture & Laboratory              |

### Previous Teaching Experience (Instructor of record)

|      |        |  |
|------|--------|--|
| 2014 | Spring | Oberlin College, BIOL 502F - Research Full (1 Student)                   |
| 2014 | Spring | Oberlin College, BIOL 315 Behavioral Ecology - Lecture & Laboratory      |
| 2014 | Spring | Oberlin College, BIOL 200 Genetics, Evolution, & Ecology - Lecture       |
| 2014 | Winter | Oberlin College, BIOL WT004 - Off Campus Individual Project (5 Students) |
| 2013 | Fall   | Oberlin College, BIOL 501F - Research Full (1 Student)                   |
| 2013 | Fall   | Oberlin College, FYS 059 Thinking Like a Scientist - Lecture             |
| 2013 | Fall   | Oberlin College, BIOL 218 Evolution - Lecture                            |

|            |        |   |
|------------|--------|---|
| 2013       | Spring | Oberlin College, BIOL 200 Genetics, Evolution, & Ecology - Laboratory   |
| 2013       | Winter | Oberlin College, BIOL WT002 - On Campus Individual Project (2 Students) |
| 2012       | Fall   | Oberlin College, BIOL 220 Invertebrate Biology - Lecture & Laboratory   |
| 2009, 2010 | Fall   | Occidental College, BIOL 378 Animal Behavior – Lecture & Laboratory     |
| 2009       | Summer | UCLA, EEB 100 Introduction to Ecology and Behavior – Lecture            |

### Previous Teaching Experience (co-instructor, teaching assistant or guest Lecturer)

|            |                |   |
|------------|----------------|---|
| 2012       | Spring         | Universidad Nacional Autonoma de Mexico, Biomedicas Postgraduate Program – Evolutionary Ecology – Lecture, (9 guest Lectures) |
| 2010       | Winter         | UCLA, EEB 100 Introduction to Ecology and Behavior – Lecture<br>(co-taught with Peter Nonacs)                                 |
| 2006, 2008 | Winter<br>Fall | UCLA, EEB 100 Introduction to Ecology and Behavior - Laboratory   |
| 2002       | Fall           | UCLA, LS1 Introduction to Evolution and Biodiversity - Laboratory<br>(3 sections, teaching assistant)                         |

### Research Supervision

|           |   |
|-----------|---|
| 2013-2014 | Dissertation Mentor/Committee Chair. Undergraduate Thesis of Benjamin C. Garfinkel, Oberlin College Department of Biology |
|-----------|---|

### Peer-reviewed Publications (published, \*\*undergraduate co-author)

1. Drury, J. P., Okamoto, K. W., Anderson, C. N., & Grether, G. F. (2015). Reproductive interference explains persistence of aggression between species. *Proceedings of the Royal Society of London B: Biological Sciences*, 282, 20142256.
2. Grether, G. F., Drury, J. P., Berlin, E\*\*, & Anderson, C. N. (2015). The Role of Wing Coloration in Sex Recognition and Competitor Recognition in Rubyspot Damselflies (*Hetaerina* spp.). *Ethology*, 121: 674–685.
3. Drury, J. P., Anderson, C. N., & Grether, G. F. (2015). Seasonal polyphenism in wing coloration affects species recognition in rubyspot damselflies (*Hetaerina* spp.). *Journal of Evolutionary Biology*, 28: 1439–145.
4. Grether, G., Kirschel, A., Losin, N., Anderson, C., Drury, J. P., K. Okamoto. (2013). The evolutionary consequences of interspecific aggression. *Annals of the New York Academy of Sciences*, 1289, 48-68.
5. Wong-Muñoz, J., Anderson, C., Munguía-Steyer, R., & Córdoba-Aguilar, A. (2013). Body size and morph as drivers of copulation duration in a male dimorphic damselfly. *Ethology*, 119, 407-416.
6. Anderson, C. & Grether, G. (2013). Characterization of novel microsatellite loci for *Hetaerina americana* damselflies, and cross-amplification in other species. *Conservation Genetics Resources*, 5, 149-151.
7. Anderson, C., Córdoba-Aguilar, A., & Grether, G. (2012). Characterization of 12 microsatellite loci in the waterfall damselfly (*Paraphlebia zoe*) for use in population genetic applications. *Conservation Genetics Resources*, 4, 175-177.

## Peer-reviewed Publications (published, \*\*undergraduate co-author) - Continued

8. Anderson, C. & Grether, G. (2011). Multiple routes to reduced interspecific territorial fighting in *Hetaerina* damselflies. *Behavioral Ecology*, *22*, 527-534.
9. Anderson, C., Córdoba-Aguilar, A., Drury, J. P., & Grether, G. (2011). An assessment of marking techniques for odonates in the family Calopterygidae. *Entomologia Experimentalis et Applicata*, *141*, 258-261.
10. Anderson, C. & Grether, G. (2010). Character displacement in the fighting colors of *Hetaerina* damselflies. *Proceedings of The Royal Society, B*, *277*, 3669-3675.
11. Anderson, C. & Grether, G. (2010). Interspecific aggression and character displacement of competitor recognition in *Hetaerina* damselflies. *Proceedings of The Royal Society, B*, *277*, 549-555.
12. Grether, G., Losin, N., Anderson, C., & Okamoto, K. (2009). The role of interference competition in character displacement and the evolution of competitor recognition. *Biological Reviews*, *84*, 617-635.
13. Schultz, T., Anderson, C. N., & Symes, L. \*\* (2008). The conspicuousness of colour cues in male pond damselflies depends on ambient light and visual system. *Animal Behaviour*, *76*, 1357-1364.
14. Córdoba-Aguilar, A., Leshner-Treviño, A. \*\*, & Anderson, C. N. (2007). Sexual selection in *Hetaerina titia* males: a possible key species to understand the evolution of pigmentation in calopterygid damselflies (Odonata: Zygoptera). *Behaviour*, *144*, 931-952.

## Grants (funded)

- |           |   |
|-----------|---|
| 2016-2018 | Reigstad, C., Mellgren, E., Anderson, C., Zona, C, & Govindaswamy, V. Pre-Alliance Planning for the Coalition for Promotion of Underrepresented Minorities in Academic STEM (PUMA-STEM). NSF Multi-institutional planning grant.  |
| 2010-2015 | Grether, G. & Amarasekare, P. The Evolutionary Consequences of Interspecific Aggression. National Science Foundation (NSF). <i>Christopher N. Anderson was an academic participant on this grant.</i>   |
| 2010-2012 | Grether, G. & Córdoba-Aguilar, A., Explaining choice and maintenance of alternative reproductive tactics: Field studies using the damselfly, <i>Paraphlebia zoe</i> , UCMEXUS-CONACYT Collaborative Grants. <i>Christopher N. Anderson was an academic participant on this grant.</i> |
| 2006-2008 | Anderson, C. Competitor recognition and the evolution of coloration in Rubyspot Damselflies ( <i>Hetaerina</i> spp.), Principal Investigator, UCMEXUS CONACYT Dissertation Grant.   |
| 2004-2006 | Grether, G. Secondary sexual trait evolution and speciation in rubyspot damselflies, UCMEXUS-CONACYT Faculty Grant. <i>Christopher N. Anderson was an academic participant on this grant.</i>   |

## Grants (submitted)

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|-----------|---|
| 2017-2021 | Anderson, C., Schantz, B., & Radford-Hill, S. Two-Cohort Based Multicultural Scholars Program At Dominican University In Natural Resources Science And Food Science & Human Nutrition. USDA/NIFA Scholarship grant with special experiential learning opportunities for undergraduate students. |
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### Research Presentations (conferences and meetings of professional organizations, \*presenting author)

- 2015 Anderson, C.\*, Lewton, K. L., Drew, J. A., & Hinde, K. "ARE YOU READY TO RUMBLE?! Sports Championship Mimicry to Educate about Adaptations, Community Ecology, and Conservation." The American Association of Physical Anthropologists 84th annual meeting March 25 - 28, 2015. St. Louis, Missouri
- 2014 Drury, J. P.\*, Okamoto, K. W., Anderson, C., & Grether, G. Reproductive interference and aggression between species. 2014 International Society for Behavioral Ecology (ISBE) meeting. Hunter College, CUNY, New York, New York, New York, New York.
- 2013 Drury, J. P.\*, Anderson, C., & Grether, G. Reproductive interference and adaptive, between- species territoriality in rubyspot damselflies (*Hetaerina* spp.). Joint annual meeting of the Society for the Study of Evolution (SSE), the Society of Systematic Biologists (SSB), and the American Society of Naturalists (ASN), on June 21-25, 2013, Snowbird, Utah.
- 2013 Drury, J. P.\*, Anderson, C., & Grether, G. Reproductive interference and interspecific territoriality in rubyspot damselflies. SICB Annual Meeting 2013 January 3-7, 2013 San Francisco, CA, San Francisco, California.
- 2012 Grether, G.\* , Drury, J. P., & Anderson, C. Interspecific aggression and male mate recognition in damselflies. 49th Annual meeting of the Animal Behavior Society at the University of New Mexico, Albuquerque, New Mexico, Albuquerque, New Mexico.
- 2009 Anderson, C.\* Competitor Recognition in Rubyspot Damselflies. 2009 Word Dragonfly Association Meeting, Xalapa, Mexico, Xalapa, Mexico-Veracruz.
- 2008 Anderson, C.\* Interspecific aggression, territorial overlap, and phenotypic similarity in *Hetaerina* damselflies. 2008 International Society for Behavioral Ecology (ISBE) meeting. Cornell University, Ithaca, New York, Ithaca, New York.
- 2008 Grether, G.\* & Anderson, C. Sympatric shifts in competitor recognition in rubyspot damselflies. 2008 International Society for Behavioral Ecology (ISBE) meeting. Cornell University, Ithaca, New York, Ithaca, New York.
- 2007 Anderson, C.\* Competitor recognition in Rubyspot Damselflies (*Hetaerina* spp.). 2007 Southern California Animal Behaviorists, Riverside, California.
- 2005 Anderson, C.\* Wing color variation in the Smoky Rubyspot, *Hetaerina titia*. 2005 Animal Behavior Society Annual Meeting. Boise State University, Boise, Idaho, Boise, Idaho.
- 2004 Anderson, C.\* & Grether, G. Secondary Sexual Trait evolution in *Hetaerina* damselflies. 2004 Southern California Animal Behaviorists, Los Angeles, California.

### Research Presentations (invited seminars at colleges or museums)

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|------|-----------|---|
| 2015 | September | ACCA Fall Biology Seminar Series, Benedictine University, Lisle, Illinois                   |
| 2014 | May       | Presentation to Kirtlandia Society at Cleveland Museum of Natural History, Cleveland, Ohio. |
| 2014 | February  | Dominican University, River Forest, IL, Illinois.   |
| 2014 | February  | Lewis University, Romeoville, Illinois.   |

## Research Presentations (invited seminars at colleges or museums) - Continued

|      |          |  |
|------|----------|--|
| 2013 | January  | Oberlin College, Oberlin, Ohio.  |
| 2013 | March    | California University of Pennsylvania, California, Pennsylvania.   |
| 2013 | December | Centre College, Danville, Kentucky.  |
| 2013 | February | Franklin & Marshall College, Lancaster, Pennsylvania.  |
| 2013 | March    | Gettysburg College, Gettysburg, Pennsylvania.  |
| 2012 | November | Longwood University, Farmville, Virginia.  |
| 2012 | March    | Oberlin College, Oberlin, Ohio.  |
| 2012 | April    | Hiram College, Hiram, Ohio.  |
| 2011 | March    | Instituto de Ecología, UNAM, Mexico City, Mexico-Federal District (Mexico City).   |
| 2011 | July     | Alvernia University, Alvernia, Pennsylvania.   |
| 2010 | October  | XV Curso Internacional Bases Biológicas de la Conducta Universidad Autónoma de Tlaxcala, Tlaxcala, Mexico., Tlaxcala, Mexico-Tlaxcala. |
| 2010 | March    | Denison University, Granville, Ohio.   |

## Service, Advising & Mentorship (for colleges/universities)

|              |   |
|--------------|---|
| 2016         | Dominican University, co-led interdisciplinary faculty workshop on integrative learning opportunities on the subject of biological engineering. August 25, 2016     |
| 2016-2017    | Dominican University, Provided academic advising for 11 Dominican students during the 2016-2017 Academic year   |
| 2016         | Dominican University, Summer Field work with 1 Dominican undergraduate student (Illinois, USA)  |
| 2016-present | Dominican University, Faculty Liaison with the Louis Stokes Midwest Center of Excellence  |
| 2015         | Photo shoot and interview with Lipman Hearne for Dominican University printed promotional materials   |
| 2015         | ACCA Fall Biology Seminar Series "Molecular Ecology" – responsible for inviting/scheduling 12 guest speakers for 10 week seminar program.                           |
| 2015         | Dominican University, Summer Field work with 2 Dominican undergraduate students (Illinois, USA)   |
| 2015-present | Dominican University, RCAS Committee on Curriculum and Educational Policies   |
| 2015         | Dominican University, Letters of recommendation for internship programs and graduate school for 3 undergraduate students  |
| 2015         | Oberlin College, Letters of recommendation for internship programs for 4 undergraduate students   |
| 2014-present | Dominican University Faculty Representative for Barry M. Goldwater Scholarship program  |
| 2014         | Dominican University, Working group on developing Ecology-related optional concentration for the Biology Major (sub-committee of department of Biological Sciences) |
| 2014-2016    | Dominican University. Welcome Tent/Table Volunteer: DU Welcome Tent.  |
| 2013-2014    | Oberlin College, Provided academic advising for 5 Oberlin students during the 2013-2014 Academic year   |
| 2013         | Oberlin College, Summer Field work with 2 Oberlin undergraduate students (Texas, Louisiana, & Ohio, USA)  |
| 2012-2014    | Oberlin College Letters of recommendation for graduate school and internship programs for 10 students   |
| 2012         | UCLA, Spring/Summer field work with UCLA graduate student and 2 undergraduate field assistants (Veracruz, Mexico)   |
| 2012         | UNAM, Spring/Summer field work with UNAM graduate student (Veracruz, Mexico)  |
| 2011         | UCLA, Spring/Summer field work with UCLA graduate student and 5 undergraduate field assistants  |
| 2011         | UNAM, Spring/Summer field work with UNAM grad student (Veracruz, Mexico)  |

## Service, Advising & Mentorship (for colleges/universities) - Continued

|           |  |
|-----------|--|
| 2010      | UCLA, Field work with UCLA graduate student (Veracruz, Mexico)   |
| 2010      | UNAM, Spring/Summer field work with UNAM graduate student (Veracruz, Mexico)   |
| 2010-2011 | Occidental College. Letters of recommendation for grad school/internships for 1 student.   |
| 2009-2010 | Occidental College. Letter of recommendation for grad school for 1 student.  |
| 2002-2009 | UCLA, I mentored 6 undergraduate field assistants and 21 undergraduate Laboratory assistants during my dissertation research. One of these students completed the field and lab work for his undergraduate thesis under my mentorship and the supervision of Greg Grether. |

## Service to the Profession

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|------|--|
| 2016 | Behavioral Ecology. Peer review of article/manuscript BEHECO-2016-0188                   |
| 2015 | Biological Journal of the Linnean Society. Peer review of article/manuscript BJLS-4273   |
| 2015 | Proceedings of The Royal Society, B. Peer review of article/manuscript RSPB-2015-1551.R1 |
| 2015 | Proceedings of The Royal Society, B. Peer review of article/manuscript RSPB-2015-1551    |
| 2015 | Biological Journal of the Linnean Society. Peer review of article/manuscript BJLS-4126   |
| 2015 | Proceedings of The Royal Society, B. Peer review of article/manuscript RSPB-2015-1002    |
| 2014 | Animal Behaviour. Peer review of article/manuscript ANBEH-D-14-00514                     |
| 2014 | PLOS ONE. Peer review of article/manuscript PONE-D-14-29493                              |
| 2014 | PLOS ONE. Peer review of article/manuscript PONE-D-13-21876R2                            |
| 2014 | Animal Behaviour. Peer review of article/manuscript ANBEH-D-13-00977R1                   |
| 2014 | Animal Behaviour. Peer review of article/manuscript ANBEH-D-13-00977                     |
| 2014 | Behavioral Ecology. Peer review of article/manuscript BEHECO-2014-0059                   |
| 2013 | PLOS ONE. Peer review of article/manuscript PONE-D-13-21876                              |
| 2013 | PLOS ONE. Peer review of article/manuscript PONE-D-13-21876R1                            |
| 2013 | PLOS ONE. Peer review of article/manuscript PONE-D-13-07215                              |
| 2013 | PLOS ONE. Peer review of article/manuscript PONE-D-13-07215R1                            |
| 2013 | Animal Behaviour. Peer review of article/manuscript ANBEH-D-12-00968                     |
| 2013 | Proceedings of The Royal Society, B. Peer review of article/manuscript RSPB-2013-0073    |
| 2011 | Biological Journal of the Linnean Society. Peer review of article/manuscript BJLS-1884   |

## Other Community Service/Outreach Activities

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|-----------|--|
| 2014-2016 | Mammals March Madness Twitter Outreach Event   |
| 2015      | Forest Preserve District of DuPage County BioBlitz. June 27, 2015. Team leader for Danada Dragonfly group: led 6 community members including 2 Dominican University students |

## Professional Development

|           |  |
|-----------|--|
| 2015      | NSF Grant Writing Workshop co-sponsored by ACCA and Olivet Nazarene University, Olivet Nazarene University, Oak Brook, Illinois  |
| 2015      | Dominican University Faculty Learning Community: Crossing the Parking Lot: Teaching and Learning in Interdisciplinary Contexts, Dominican University, River Forest, Illinois |
| 2015      | Dominican University Vision and Vocation Retreat, Sinsinawa Mound Center, Sinsinawa, Wisconsin   |
| 2015      | Dominican University Faculty Learning Community: Active Learning and SoTL in STEM, Dominican University, River Forest, Illinois  |
| 2014-2015 | Dominican University What Matters Colloquia, Dominican University, River Forest, Illinois  |
| 2014      | New Faculty and Staff Orientation, Dominican University, River Forest, Illinois.   |
| 2014-2016 | Annual Faculty Workshop, Dominican University, River Forest, Illinois.   |
| 2014      | 2014 First Year Seminar Workshop, Oberlin, Ohio.   |

## **Professional Development (Continued)**

2013 Workshop on Enhancing Quantitative and Formal Reasoning Across the Disciplines, Oberlin, Ohio.  
2013 2013 First-Year Seminar Workshop, Oberlin, Ohio.

## **Scholarships, Fellowships & Awards**

2012 Universidad Nacional Autonoma de Mexico, Postdoctoral Fellowships Program  
2011 UCMEXUS-CONACYT Postdoctoral Fellowship. UCMEXUS-CONACYT.  
2010 CONACYT "Estancias Posdoctorales y Sabáticas al Extranjero para la Consolidacion de Grupos de Investigation. CONACYT.  
2008-2009 UCLA Graduate Division Dissertation Year Fellowship. UCLA.  
2003-2005, 2007 National Science Foundation Graduate Research Fellowship Program. NSF.  
2002, 2006 Edwin W Pauley Fellowship. UCLA

## **Professional Memberships**

Society for the Study of Evolution, 2012-Present  
UCLA Center For Tropical Research, 2009-Present  
World Dragonfly Association, 2009  
International Society for Behavioral Ecology, 2008-Present  
Animal Behavior Society, 2004-Present