

TEXAS STATE UNIVERSITY VITA

I. ACADEMIC/PROFESSIONAL BACKGROUND

A. NAME: CAITLIN RATHIE GABOR **TITLE:** Professor of Biology

B. EDUCATIONAL BACKGROUND

Degree	Year	University	Major	Thesis/Dissertation
Ph. D.	1997	University of Louisiana, Lafayette	Environmental and Evolutionary Ecology	Behavioral and genetic variation in Salamandridae and Poeciliidae: implications for mate choice and kin recognition
M. S.	1993	University of Louisiana, Lafayette	Biology	The effects of prey type on territorial quality of <i>Plethodon cinereus</i>
B.A.	1990	University of California, Santa Barbara	Aquatic Biology	With honors

C. UNIVERSITY EXPERIENCE

Position	University	Dates
Professor and named Professor of International Studies	Texas State University	2012-present
Associate Professor	Texas State University	2005-2012
Assistant Professor	Texas State University	2000-2005
Postdoctoral Research Lecturer	University of Texas, Austin	1999-2000
NSF Postdoctoral Fellow	University of Texas, Austin	1997-1999
Teaching Assistant	Univ. of Louisiana, Lafayette	1991-1993

D. PROFESSIONAL EXPERIENCE

Position	University	Dates
Fulbright Fellow	Hungarian Academy of Sciences	2019
Doctoral Fellow	University of Louisiana, Lafayette	1993-1997
Visiting Scientist	James Madison University	1997
Visiting Research Fellow	The Open University, England	1994

II. TEACHING

COURSES TAUGHT

- ORGANISMAL BIOLOGY, Fall 2001, 2002, 2007, 2009, 2011, 2013, 2015, 2017, 2019; Spring 2003, 2005, 2008, 2010, 2011, 2012, 2013, 2014, 2016, 2018. Department of Biology, Texas State University. Undergraduate course
- PROFESSIONAL DEVELOPMENT, Fall and Spring 2015- present. Texas State University. Graduate student science outreach to Elementary schools in San Marcos, TX.
- UNDERGRADUATE INDEPENDENT RESEARCH, 2000 – present, Department of Biology, Texas State University.
- EVOLUTIONARY ECOLOGY, Fall 2018, 2016, 2012, 2010, 2006, 2004. Department of Biology, Texas State University. Graduate course.
- POPULATION BIOLOGY SEMINAR, FALL 2009, 2015, 2017. Department of Biology, Texas State University.
- BEHAVIORAL ENDOCRINOLOGY, SUMMER 2013, 2015. Graduate/undergrad course, Mountain Lake Biological Station, Univ. of Virginia.
- GRADUATE SEMINAR, Fall 2003, 2006, 2015: Spring 2003, 2004, 2008, 2010. Department of Biology, Texas State University. Graduate course on Evolutionary Ecology with a different focus each semester.
- ANIMAL BEHAVIOR, Spring 2004, Fall 2005. Department of Biology, Texas State University. Undergraduate course.
- BEHAVIORAL ECOLOGY, Spring 2002, 2006; Fall 2003. Department of Biology, Texas State University. Graduate course.

THESIS/DISSERTATION COMMITTEES (graduated 5PhD, 13 MS)

Advisor:

1. Dillon Monroe (2019- present) PhD
2. Amanda Bryant (2019- present) PhD
3. Melissa Villatoro (2018- present) – co- advised (Carlos)
 - MS Latin American Student Grant
4. Krystie Miner (Spring 2018- present) MS,
 - Sigma Xi grant (2018)
5. Arseniy Kolonin (Spring 2018- present) MS,
 - Sigma Xi (2019)
6. McKenna Bristow (Spring 2017- present) MS (CO-chair)-The
7. Zachery Forsburg (Fall 2015 – present) PhD, advanced to candidacy
 - Coker Award 2x
 - Best PhD. Student Presentation, Biology Colloquium (2017)
 - ECOLAB grants (2016, 2017)
 - Texas Herpetology Society Grant (2018)
8. Cory Groff (Fall 2015 – 2019) PhD, advanced to candidacy: The role of conservation physiology and environmental change in amphibian declines. Liberty University, Assistant professor
 - Graduate college scholarships

- Sigma Xi grant (2018)
 - Best PhD presentation, Biology Colloquium (2018)
9. Son Young Kim (Fall 2012- 2018) – PhD, An integrative approach to the ecology and evolution of alternative reproductive tactics in male sailfin mollies, *Poecilia latipinna*.
- Sigma Xi GIAR (2013)
 - Outstanding IA award (2014)
 - Eben Elledge Endowed Scholarship, Durrenberger Scholarship. Graduate College Scholarships
 - Runner UP Graduate student poster Biology Colloquium (2015)
10. Megan Mondelli (Spring 2014- 2016) – MS title: Effects of urbanization on stress response of Texas *Eurycea* Salamanders
- Richan Aquatic Biology Scholarship
11. Chelsea Blake (Fall 2011- 2016) – PhD title: Variation in response to novel predators across prey species and among prey individuals
- NSF GRFP 2013-2017 \$132,000
 - Best Biology Colloquium Poster 2012
 - Howard McCarley Student Research Award (Southwestern Association of Naturalists) 2012
12. Kristina Zabierek (Spring 2013-2014) – MS title: Effects of diel cycle and turbidity on antipredator response to multiple cues of predators by *Eurycea nana* and *Eurycea sosorum*
13. Sophia DeColo (2011-2014)- MS title: Effects of turbidity on mate choice behavior in the fountain darter
14. James Muraco (2010 – 2012) – MS title: Proximate and ultimate perspectives on the maintenance of a unisexual-bisexual mating complex: importance of behavioral syndromes and stress hormones.
- Sigma Xi GIAR 2010
15. Lily Swanbrow-Becker (2010 – 2012) – MS title: Effects of turbidity on anti-predator response and foraging behavior in the fountain darter, *Etheostoma fonticola*.
- Howard McCarley Student Research Award (SWAN) 2012
 - Best Graduate student talk Biology Colloquium 2012
16. Drew Davis (2010 – 2012) – MS title: Predator-prey interactions in the San Marcos salamander (*Eurycea nana*): predator generalization and stress hormones in response to introduced predators.
- Texas Herpetological Society Award 2011
 - Howard McCarley Student Research Award (SWAN) 2011
17. Laura Alberici da Barbiano (2006 – 2012) –PhD title: Origin, phylogeography and behavioral ecology of a vertebrate gynogenetic species (*Poecilia formosa*) and its sexual hosts (*P. latipinna* and *P. mexicana*).
- Travel award to Neural Systems and Behavior lecture course in Sao Paulo Brazil 2012
 - Theodore Roosevelt Memorial Grant 2010
 - ALA Vern Parish Award 2010
 - Raney Award (ASIH) 2009
 - Texas Academy of Science student grant 2009

- McCarley Award (SWAN) 2009
 - Sigma Xi GIAR 2008, 2011
 - Durrenberger Scholarship x3
 - Alexander Stone Genetics Scholarship Award 2008
 - Schulze Award 2008
18. Kristen Epp (2004 -2010) – PhD – Dissertation title: Predator recognition and avoidance in the San Marcos salamander. Assistant professor Eastern Connecticut State University
- Runner-up Outstanding Graduate student presentation Biology Colloquium 2007, 2009.
 - EARD Conservation Scholarship 2009
 - Animal Behavior Society Research Grant 2009
 - Sigma Xi GIAR 2005
 - Durrenberger Scholarship 2005
 - Norris Scholarship 2005
19. Jacqueline Ma (2009- 2011) – MS title: Proximate and ultimate perspectives on sperm production and mating behavior in a bisexual-unisexual mating system between sailfin (*Poecilia latipinna*) and Atlantic (*P. mexicana*) mollies with clonal Amazon mollies (*P. formosa*).
- Runner-up best poster WISE conference 2010
 - Best poster Biology Colloquium 2010
20. Celeste Espinedo (2006 –2008) –MS Thesis title: The degree of reproductive isolation in *Gambusia affinis* and *Gambusia geiseri*.
- Durrenberger Scholarship 2007
21. Rosie Gonzalez (2004-2007) – MS Thesis title: Male mate choice in relation to female and male size in *Poecilia latipinna*. Physicians Assistant Program.
22. Donelle Robinson (2004 -2006) – M. S. Thesis title: Differential sperm expenditure between species in the sailfin molly, *Poecilia latipinna*. Ohio University, PhD 2011.
- Durrenberger Scholarship 2006
23. Jennifer Gumm (2002-2004) – MS. Thesis: Species and mate-quality recognition in *Poecilia latipinna*. Lehigh University PhD 2008, Post Doc University of Maryland. Assistant Professor Stephen F. Austin.
- Runner up for the Biology Graduate Student Colloquium 2004
24. Maria Thaker (2002-2004) – MS Thesis: Sensory cues, association preferences, and social interactions of the San Marcos salamander (*Eurycea nana*). PhD from Indiana State University. Assistant professor, Centre for Ecological Sciences at Indian Institute of Science.
- Schulze Scholarship 2004
 - Norris Scholarship 2004
 - Outstanding Graduate student presentation Biology Colloquium 2004
 - Stoye Award for Best student presentation, American Society of Ichthyologists and Herpetologists National conference 2004.

Committee Member:

- Jeremy Maikoletter (Dr. Bonner) 2018
- Cory Scanes (Dr. Bonner) 2016

- Ruben Tovar, MS (Dr. Garcia) 2012
- Devin Preston MS (Dr. Forstner) 2011
- Clay Williams MS (Dr. Nice) 2008
- Lauren Lucas MS (Dr. Nice) 2006
- Scott Egan MS (Dr. Ott) 2004
- Erin Foster MS (Dr. Lavalli) 2001
- Carmen Hall MS (Dr. Ott) 2001
- Richard Reynolds MS (Dr. Ott) 2000

Outside Committee Member

Nancy Kohn-PhD- University of Louisiana, Lafayette (Dr. Moon) 2004 - 2008.

Dissertation title: Tests of Individual Recognition Memory In Male Red-backed Salamanders (*Plethodon cinereus*)

Predocctoral Fellow Advisor

- 2010 – Hayley Gillespie, University of Texas

Postdoctoral Advisor

- 2003-2005 Dr. Andrea Aspbury, University of Nebraska
- 2012-2013 Dr. Laura Alberici da Barbiano, Texas State University

ADVISOR

Undergraduate Students Mentored (47)

- Alex Guzman-2019- present, HSI SURE STEM Research program, Francis Rose Award, Undergraduate research grant
- Jessica Randall – 2019- present
- Roberto Molina – 2019, HSI SURE STEM Research program
- Quang Nyugen (2018 – present)-
- Shante Williams (2017 – 2019)- Francis Rose Award
- Isaac Cantu (2017 – 2018)- HSI STEM Impact, Student Undergrad Research Award
- Joseph Robicheaux (2017 – present) Francis Rose Award
- Almond Grayson (2017- present)- Francis Rose Award for Excellence in Research, Student Undergraduate Research Award (2017)
- Hannah Perkins (2016-present)- Francis Rose Award for Excellence in Research, HSI STEM (2017)
- Austin Heitmann (2015- 2018)- Honors grant & STAR travel grant (2017)
- Christian Chavera (2015-2018)-SURF award (2106)
- Armando Toral Becker (2016 – 2017) -SURF award (2106)
- Dominique Brasel (2016 – 2017) -SURF award (2106)
- Connor Tremallo (2015 – 2017) -SURF award (2106)
- Erin Gorishek (2015- 2017) -SURF award (2016)
- Alejandro Morales (2015)

- Jose Reyes (2013-2016)- now at Johns Hopkins Medical school
 - Animal Behavior Society Turner Award, 2014
 - Best Honors Undergraduate poster, 2014
 - Best Undergraduate talk Biology Colloquium 2014
 - Best poster presentation in Physiology at the recent Annual Biomedical Research Conference for Minorities (2014)
 - SURF award (2013)
 - Francis Rose Undergraduate research award 2013
 - REU stipend
- Collin Garoutte (2014- 2015)
 - Francis Rose Award (2014)
 - REU stipend (2014)
 - SURF award (2104)
- Kristyn Cunningham (2012-2015)-Francis Rose Undergraduate Award 2012
- Jessica Guenther (2012-2014) -SURF 2013
- Josue Gold (2103)
- Amelia Stinson (2013)-Francis Rose Undergraduate Award 2013
- Corey Scanes (2012- 2013) – MS TSU-Francis Rose Undergraduate Award 2012
- Michael Edwards (2012-2013)
- Katherine Pena (2011 – 2013), REU stipend
- Dominic DeSantis (2011-2013) – PhD at UTEP
 - SURF Award 2011
 - Francis Rose – Undergraduate Award 2011
 - Turner Diversity Award (ABS) 2012
 - Texas Academy of Sciences grant 2012
 - Texas Herpetology Society grant 2012
- Pablo Gonzalez Bendiksen (2011) Bio 4299
- Reginald Robinson (2011)
- Mitchell Benjamin (2011)
- Adam Contreras (2010-2011) - Doctoral Student at UC Davis
 - 3rd Place Honors Poster Session Award 2011
 - Francis Rose Undergraduate Award 2011
 - Turner Diversity Award (ABS) 2011
- Bei Devolld (2009-2011)
 - Francis Rose Undergraduate Award 2010
- Lorena Rangel (2009-2010) – Doctoral Student at UC Davis
 - Francis Rose Undergraduate Award 2010
 - Turner Diversity Award (Animal Behavior Society) 2010
- Max Muzeri (2008-2009)
- Nick Bertrand (2008-2009)
- Mark Vanderslice (2008-2009)
- Julia Coyle (2008-2009) Bio 4299- Francis Rose Undergraduate Award 2008
- Michelle Parmely (2007-2009) – UT Galviston Medical School
 - Durrenberger Scholarship 2008
 - Francis Rose Undergraduate Award 2008

- Animal Behavior Society Turner Award 2009
- Outstanding Undergraduate Presentation Biology Colloquium 2009
- Ray Gonzales (2007-2009) Bio 4299
- Elizabeth Vanderwerkin (2007) Bio 4299
- Tamira Konkin-Garcia (2006-2008)- obtained MS
 - Durrenberger Scholarship 2007
 - Francis Rose Undergraduate Award for Excellence in Research 2006
 - Runner- up Mitte Honors Poster presentation 2007
- Holly Brewer (2005-2007)-
- Paul Phillips IV (2005) – Medical Doctor
- Robert Schreiber (2005-2006)
- Celeste Espindeo (2005-2006) Bio 4299
 - Durrenberger Scholarship 2006
 - Outstanding Undergraduate Presentation Biology Colloquium 2006
 - Turner Diversity Award (Animal Behavior Society) 2006
- Rebecca Fields (2003-2004) – Veterinarian
- Rosie Gonzalez (2004)- Physician Assistant
- Danielle King (2002-2004)-Bio 4299
 - Smith-Willms Scholarship, 2002
 - Field Biology Scholarship, 2003
- Andrew Dullnig (2002)
- Tami Tarbox (2002)
- Carlene Worthington (2001-2002)
- Anthony Wubbena (2002)

COURSES PREPARED

BEHAVIORAL ENDOCRINOLOGY, SUMMER 2013. Graduate/undergrad course

GRADUATE SEMINAR (7102) Fall 2008, Fall 2009 readings in Evolutionary Ecology

EVOLUTIONARY ECOLOGY (Bio 5319, Bio 7306) Fall 2004. Wrote lectures and integrated research papers.

ANIMAL BEHAVIOR, (Bio 4472) Spring 2004, Wrote lectures and organized student presentations.

GRADUATE SEMINAR, (Bio 5110) Fall 2003, Spring 2003, Spring 2004, Fall 2006
Organized reading groups on different topics in Behavioral Ecology.

BEHAVIORAL ECOLOGY, (Bio 5367) Fall 2003, Spring 2002. Wrote lectures and integrated research papers.

GUEST TEACHING LECTURES

ECOLOGY (Undergraduate), Agnes Scott College, Atlanta Georgia 2008

ORGANISMAL BIOLOGY (Undergraduate), Texas State University

- Behavioral Ecology with emphasis on sexual selection theory 2000 - 2005
- Behavioral Biology: introduction to Ethology 2001

EVOLUTION (Undergraduate), Southwest Texas State University

- Sexual selection: Darwin, Fisher, Zahavi, & Maynard Smith 2001
ANIMAL BEHAVIOR (Undergraduate), University of Texas, Austin
- Polyandry and Sperm Competition. 1998

FUNDED EXTERNAL TEACHING GRANTS

2003 Texas Higher Education Coordinating Board (THECB)	\$8,100
Supplemental grant for High School Teachers – Matt Holmes	
2002 THECB	\$8,100
Supplemental grant for High School Teachers – Matt Holmes	

III. SCHOLARLY/CREATIVE

REFEREED JOURNAL ARTICLES (75 total; H index = 20) *Undergraduate, +graduate, ^ postdoc

1. Narayan, E, Gabor, CR, Forsburg, ZR, Davis, D. 2019. Non-invasive methods for measuring and monitoring stress physiology in imperiled amphibians. In press. doi: 10.3389/fevo.2019.00431
2. Kim, D+, Aspbury, AS, Zuniga-Vega, JJ, & **Gabor, CR**. 2019. Smaller rival males do not affect male mate choice or cortisol but do affect 11-ketotestosterone in a unisexual-bisexual mating complex of fish. *Behavioural Processes* <https://authors.elsevier.com/a/1ZYTE1LenMGZSP>
3. Walls, S & **Gabor, CR**. 2019. Integrating behavior and physiology into strategies for amphibian conservation. *Frontiers in Ecology and Evolution*
4. Forsburg, Z+, Robicheaux, J*, Almond, G*, Perkins, H*, Goff, C+, **Gabor, CR**. 2019. Validation of water-borne cortisol and corticosterone in tadpoles: Recovery rate from an acute stressor, repeatability, and evaluating rearing methods. *General and Comparative Endocrinology* 281:145-152
5. Aspbury, A., DeColo, S+, Goff, C. +, **Gabor, CR**. 2019. Turbidity affects association behavior in the endangered Fountain darter, *Etheostoma fonticola*. *Hydrobiologia* 838: 45-54. <https://rdcu.be/bliSl>
6. **Gabor, CR**, Perkins, H*, Heitmann, A*, Aspbury, A. 2019. Roundup with corticosterone functions as an infodisruptor to antipredator response in tadpoles. *Frontiers in Ecology and Evolution*. 7,114, <https://doi.org/10.3389/fevo.2019.00114>
7. Navarro AJ, **Gabor CR**, Goff CB, Mezebish TD, Thompson LM & Grayson KL. In press. Physiological responses to elevated temperature across the geographic range of a terrestrial salamander. *The Journal of Experimental Biology*. <http://jeb.biologists.org/lookup/doi/10.1242/jeb.178236>
8. Charbonnier J, Pearlmutter J, Vonesh J, **Gabor C**, Forsburg Z & Grayson K. 2018 Cross-Life Stage Effects of Aquatic Larval Density and Terrestrial Moisture on Growth and Corticosterone in the Spotted Salamander. *Diversity* 10:68. <https://doi.org/10.3390/d10030068>
9. Kim, D, Early, R, Chavera, C, & **Gabor, CR**. In press. Individual variation in ACTH-induced cortisol levels in females of a livebearing fish at different gestational stages. *General and Comparative Endocrinology*

10. Kearns, P, Fischer, Fernández-Beaskoetxea, S, **Gabor, CR**, Bosch, J Bowen, Tlusty & Woodhams. 2017. Fight fungi with fungi: Antifungal properties of the amphibian mycobiome. *Frontiers in Microbiology*. <https://doi.org/10.3389/fmicb.2017.02494>
11. **Gabor, CR**, ER Roznick, SK Knutie & J Rohr. 2017. Negative effects of contaminants and disease on amphibians are not mediated by the stress hormone corticosterone. *Oecologia*. doi: 10.1007/s00442-017-4020-3.
12. **Gabor, CR**, DR Davis, D Kim, K Zabierek, & NF Bendik. 2017. Urbanization is associated with elevated corticosterone in Jollyville Plateau salamanders. *Ecological Indicators*. <https://doi.org/10.1016/j.ecolind.2017.10.047>
13. Knutie, SK, **Gabor, CR**, Kohl, KD, Rohr, JR. 2017. Do host-associated gut microbiota mediate the effect of an herbicide on disease risk in frogs? *Journal of Animal Ecology*. DOI: 10.1111/1365-2656.12769
14. **Gabor, CR**, Z Forsburg, J Vörös, C Serrano-Laguna, & J Bosch. 2017. Differences in chytridiomycosis infection costs between two amphibian species from Central Europe. *Amphibia-Reptilia* 38:250-256.
15. Davis, DR, DL DeSantis*, **CR Gabor**. 2017. Antipredator behavior of the Barton Springs salamander (*Eurycea sosorum*) in response to aquatic invertebrates *Hydrobiologia* 795: 129-137.
16. Aspbury, AS, K Grayson, S Fantaye*, I Nichols*, M Myers-Burton*, X Ortiz-Mangual*, & **CR Gabor**. 2017. The association between male-biased sex ratio and indicators of stress in red-spotted newts. *Physiology and Behavior* 173:156-162.
17. Zabierek KC & **Gabor CR**. 2016 Multimodal communication, mismatched messages and the effects of turbidity on the antipredator behavior of the Barton Springs salamander, *Eurycea sosorum*. *Behavioural Processes* 130:4-10
18. Swanbrow Becker LJ, Brooks EM*, **Gabor CR** & Ostrand KG. 2016 Effects of Turbidity on Foraging Behavior in the Endangered Fountain Darter (*Etheostoma fonticola*). *The American Midland Naturalist* 175:55-63
19. **Gabor CR**, Zabierek KC, Kim DS, Alberici da Barbiano L, Mondelli MJ, Bendik NF & Davis DR. 2016 A non-invasive water-borne assay of stress hormones in aquatic salamanders. *Copeia* 2016:172-181
20. DeColo SL, Aspbury AS, Ostrand KG & **Gabor CR**. 2016 Male-male interactions and their influence on the mating behavior and success in the fountain darter, *Etheostoma fonticola*. *Acta Ethologica* 19:15-20
21. Blake CA & **Gabor CR**. 2016 Exploratory behaviour and novel predator recognition: behavioural correlations across contexts. *J Fish Biol* 89:1178-89
22. **Gabor CR**, Fisher MC & Bosch J. 2015 Elevated corticosterone levels and changes in amphibian behavior are associated with *Batrachochytrium dendrobatidis* (*Bd*) Infection and *Bd* Lineage. *PLoS ONE* 10:e0122685
23. Davis DR & **Gabor CR**. 2015 Behavioral and physiological antipredator responses of the San Marcos salamander, *Eurycea nana*. *Physiology & Behavior* 139:145-149
24. Blake CA, Alberici da Barbiano L, Guenther JE* & Gabor CR. 2015 Recognition and Response to native and novel predators in the Largespring mosquitofish, *Gambusia geiseri*. *Ethology* 121:227-235
25. Reedy AM, Edwards A*, Pendlebury C*, Murdaugh L*, Avery R*, Seidenberg J*, Aspbury AS & **Gabor CR**. 2014 An acute increase in the stress hormone corticosterone is associated with mating behavior in both male and female red-

- spotted newts, *Notophthalmus viridescens*. *General and Comparative Endocrinology* 208:57-63
26. Muraco JJ, Aspbury AS & **Gabor CR**. 2014 Does male behavioral type correlate with species recognition and stress? *Behavioral Ecology* 25:200-205
 27. Kim D, Waller J, Aspbury AS & **Gabor CR**. 2014 Mating preferences of the gynogenetic Amazon molly differ between populations sympatric with different host species. *Ethology* 120:1053-1061
 28. Blake CA & **Gabor CR**. 2014 Effect of prey personality depends on predator species. *Behavioral Ecology* 25:871-877
 29. Alberici da Barbiano L, Robinson RJ*, Tobler M, Aspbury AS & **Gabor CR**. 2014 Differences in resource assimilation between the unisexual Amazon molly, *Poecilia formosa* (Poeciliidae) and its sexual host (*Poecilia latipinna*). *Environmental Biology of Fishes* 97:875-880
 30. Sandkam BA, Joy JB, Watson CT, Gonzalez-Bendiksen P*, **Gabor CR** & Breden F. 2013 Hybridization leads to sensory repertoire expansion in a gynogenetic fish, the Amazon molly (*Poecilia formosa*): A test of the hybrid-sensory expansion hypothesis. *Evolution* 67:120-130
 31. **Gabor CR**, Fisher MC & Bosch J. 2013 A non-invasive stress assay shows that tadpole populations infected with *Batrachochytrium dendrobatidis* have elevated corticosterone levels. *PLoS One* 8:e56054
 32. **Gabor CR**, Bosch J, Fries JN & Davis DR. 2013 A non-invasive water-borne hormone assay for amphibians. *Amphibia-Reptilia* 34:151-162
 33. **Gabor CR**, Aspbury AS & Rodríguez RL. 2013 Geographic variation in behaviour: An introduction. *Evolutionary Ecology Research* 15:601-604
 34. **Gabor CR**, Alberici da Barbiano L & Aspbury AS. 2013 Geographic variation in male mate choice in a gynogenetic species complex: evaluating long-term data across mating contexts. *Evolutionary Ecology Research* 15:653-666
 35. DeSantis DL*, Davis DR & **Gabor CR**. 2013 Chemically mediated predator avoidance in the Barton Springs salamander (*Eurycea sosorum*). *Herpetologica* 69:291-297
 36. Alberici da Barbiano L, Gompert Z, Aspbury AS, **Gabor CR** & Nice CC. 2013 Population genomics reveals a possible history of backcrossing and recombination in the gynogenetic fish *Poecilia formosa*. *Proceedings of the National Academy of Sciences* 110:13797-802
 -San Marcos Record: <http://www.sanmarcosrecord.com/content/txst-researchers-uncover-genetic-diversity-clonal-fish>
 37. Swanbrow Becker LJ & **Gabor CR**. 2012 Effects of turbidity and visual vs. chemical cues on anti-predator response in the endangered Fountain darter (*Etheostoma fonticola*). *Ethology* 118:994-1000
 38. Swanbrow Becker LJ, Aspbury AS & **Gabor CR**. 2012 Body size dependent male sexual behavior in a natural population of sailfin mollies (*Poecilia latipinna*). *The American Midland Naturalist* 167:366-372
 39. **Gabor CR** & Contreras A*. 2012 Measuring water-borne cortisol in *Poecilia latipinna*: is the process stressful, can stress be minimized and is cortisol correlated with sex steroid release rates? *Journal of Fish Biology* 81:1327-39
 40. **Gabor CR**, Aspbury AS, Ma J & Nice CC. 2012 The role of androgens in species recognition and sperm production in Atlantic mollies (*Poecilia mexicana*). *Physiology & Behavior* 105:885-92

41. Davis DR, Epp KJ & **Gabor CR**. 2012 Predator generalization decreases the effect of introduced predators in the San Marcos salamander, *Eurycea nana*. *Ethology* 118:1191-1197
42. Alberici da Barbiano L, Rangel L*, Aspbury AS & **Gabor CR**. 2012 Male permissiveness in a unisexual-bisexual mating complex promotes maintenance of a vertebrate unisexual sperm-dependent species. *Behaviour* 149:869-879
43. Robinson DM, Konkin-Garcia T*, Espinedo CM*, Gabor CR & Aspbury AS. 2011 Seasonal effects on female fecundity and male sperm availability in a thermally stable temperate population of sailfin mollies (*Poecilia latipinna*). *American Midland Naturalist* 166:394-403
44. **Gabor CR**, Parmley MH* & Aspbury AS. 2011 Repeatability of female preferences in a unisexual-bisexual mating system. *Evolutionary Ecology Research* 13:145-157
45. Alberici da Barbiano L, Aspbury AS, Nice CC & **Gabor CR**. 2011 The impact of social context on male mate preference in a unisexual--bisexual mating complex. *Journal of Fish Biology* 79:194-204
46. Thaker M, Fries J, Epp K & **Gabor CR**. 2010 Cohabitation patterns of the San Marcos salamander (*Eurycea nana*). *Amphibia-Reptilia* 31:503-508
47. **Gabor CR** & Grober MS. 2010 A potential role of male and female androgen in species recognition in a unisexual-bisexual mating complex. *Hormones and Behavior* 57:427-433
48. **Gabor CR**, Gonzalez R, Parmley M* & Aspbury AS. 2010 Variation in male sailfin molly, preference for female size: does sympatry with sexual parasites, drive preference for smaller conspecifics? *Behavioral Ecology and Sociobiology* 64:783-792
49. Espinedo CM, **Gabor CR** & Aspbury AS. 2010 Males, but not females, contribute to sexual isolation between two sympatric species of *Gambusia*. *Evolutionary Ecology* 24:865-878
50. Epp KJ, Gonzales R*, Jr. & **Gabor CR**. 2010 The role of water-borne chemical cues in mediating social interactions of the Texas blind salamander, *Eurycea rathbuni*. *Amphibia-Reptilia* 31:294-298
51. Aspbury AS, Espinedo CM & **Gabor CR**. 2010 Lack of species discrimination based on chemical cues by male sailfin mollies, *Poecilia latipinna*. *Evolutionary Ecology* 24:69-82
52. Aspbury AS, Coyle JM* & **Gabor CR**. 2010 Effect of predation on male mating behaviour in a unisexual-bisexual mating system. *Behaviour* 147:53-63
53. Alberici da Barbiano L, Waller J & **Gabor CR**. 2010 Differences in competitive efficiency between a sexual parasite and its host provide insight into the maintenance of a sperm-dependent vertebrate species. *Journal of Freshwater Ecology* 25:523-530
54. Lucas LK, Fries JN, **Gabor CR** & Nice CC. 2009 Genetic variation and structure in *Eurycea nana*, a federally threatened salamander endemic to the San Marcos springs. *Journal of Herpetology* 43:220-227
55. Robinson DM, Aspbury AS & **Gabor CR**. 2008 Differential sperm expenditure by male sailfin mollies, *Poecilia latipinna*, in a unisexual-bisexual species complex and the influence of spermiation during mating. *Behavioral Ecology and Sociobiology* 62:705-711
56. **Gabor CR** & Aspbury AS. 2008 Non-repeatable mate choice by male sailfin mollies, *Poecilia latipinna*, in a unisexual-bisexual mating complex. *Behavioral Ecology*

19:871-878

57. Epp KJ & **Gabor CR**. 2008 Innate and learned predator recognition mediated by chemical signals in *Eurycea nana*. *Ethology* 114:607-615
58. Thaker M, **Gabor CR** & Fries JN. 2006 Sensory cues for conspecific associations in aquatic San Marcos salamanders. *Herpetologica* 62:151-155
59. Gumm JM, Gonzalez R*, Aspbury AS & **Gabor CR**. 2006 Do I know you? Species recognition operates within and between the sexes in a unisexual-bisexual species complex of mollies. *Ethology* 112:448-457
60. Gumm JM & **Gabor CR**. 2005 Asexuals looking for sex: conflict between species and mate-quality recognition in sailfin mollies (*Poecilia latipinna*). *Behavioral Ecology and Sociobiology* 58:558-565
61. **Gabor CR**, Ryan MJ & Morizot DC. 2005 Character displacement in sailfin mollies, *Poecilia latipinna*: allozymes and behavior. *Environmental Biology of Fishes* 73:75-88
62. **Gabor CR** & Nice CC. 2004 Genetic variation among populations of eastern newts, *Notophthalmus viridescens*: A preliminary analysis based on allozymes. *Herpetologica* 60:373-386
63. Aspbury AS & **Gabor CR**. 2004 Discriminating males alter sperm production between species. *Proceedings of the National Academy of Sciences* 101:15970-15973
 -(FEATURED IN SCIENCE NOW, SCIENCE MAGAZINE'S ONLINE NEWS SERVICE 11/04; CBC RADIO QUIRKS AND QUARKS, 11/04; PNAS ARTICLE HIGHLIGHTS, 11/04; NATURAL HISTORY MAGAZINE 3/05; WISSENSCHAFT ONLINE, 11/04; LE SCIENZE ONLINE, 11/04)
64. Aspbury AS & **Gabor CR**. 2004 Differential sperm priming by male sailfin mollies (*Poecilia latipinna*): Effects of female and male size. *Ethology* 110:193-202
65. **Gabor CR** & Page R*. 2003 Female preference for large males in sailfin mollies, *Poecilia latipinna*: the importance of predation pressures and reproductive status. *Acta Ethologica* 6:7-12
66. **Gabor CR** & Ryan MJ. 2001 Geographical variation in reproductive character displacement in mate choice by male sailfin mollies. *Proceedings of the Royal Society Biological Sciences Series B* 268:1063-1070
67. **Gabor CR**, Krenz JD & Jaeger RG. 2000 Female choice, male interference, and sperm precedence in the red-spotted newt. *Behavioral Ecology* 11:115-124
68. **Gabor CR** & Jaeger RG. 1999 When salamanders misrepresent threat signals. *Copeia* 1999:1123-1126
69. **Gabor CR**. 1999 Association patterns of sailfin mollies (*Poecilia latipinna*): alternative hypotheses. *Behavioral Ecology and Sociobiology* 46:333-340
<http://www.nature.com/news/unusual-reference-attracts-notoriety-1.16364>
70. Jaeger RG, **Gabor CR** & Wilbur HM. 1998 An assemblage of salamanders in the southern Appalachian Mountains: competitive and predatory behavior. *Behaviour* 135:795-821
71. **Gabor CR** & Halliday TR. 1997 Sequential mate choice by multiply mating smooth newts: Females become more choosy. *Behavioral Ecology* 8:162-166
72. **Gabor CR**. 1996 Differential kin discrimination by red-spotted newts (*Notophthalmus viridescens*) and smooth newts (*Triturus vulgaris*). *Ethology* 102:649-659
73. **Gabor CR** & Jaeger RG. 1995 Resource quality affects the agonistic behaviour of territorial salamanders. *Animal Behaviour* 49:71-79
74. **Gabor CR**. 1995 Correlational test of Mathis' hypothesis that bigger salamanders

have better territories. *Copeia* 1995

75. Jaeger RG & **Gabor CR**. 1993 Intraspecific chemical communication by a territorial salamander via the post-cloacal gland. *Copeia* 1993:1171-1174

*Undergraduate researcher

Book

Behavioral Ecology of the Eastern Red-backed Salamander: 50 Years of Research by Robert Jaeger, Birgit Gollmann, Carl Anthony, Caitlin Gabor, and Nancy Kohn (In press) Oxford University Press.

BOOK CHAPTER

Gabor, C. R. 2017. Agonistic Signals. In: *Reference Module in Life Sciences*: Elsevier. <http://dx.doi.org/10.1016/B978-0-12-809633-8.01098-0>

Gabor, C. R. 2010. Agonistic Signals. In: Breed M.D. and Moore J., (eds.) *Encyclopedia of Animal Behavior*, Vol. 1, pp. 35-39 Oxford: Academic Press. (Acceptance date Dec. 2008)

BOOK REVIEW

Gabor, C. R. 2018. *An Introduction to Behavioral Endocrinology*. Fifth Edition. By R. Nelson & L. Kriegsfeld. *Quarterly Review of Biology*. 93: 382-383.

Obituary

Gabor, CR, Petrie, M, Arnold, SJ. 2019. Tim Halliday 1945-2019. *Journal of Zoology*.

<https://zslpublications.onlinelibrary.wiley.com/doi/full/10.1111/jzo.12709>

PAPERS IN REVIEW

Barnhart, K., Bletz, M., LaBumbard, B., Tokash-Peters, A., **Gabor, CR.**, Woodhams, DC. In review. *Batrachochytrium salamandrivorans* elicits stress response in spotted salamanders but not mortality. *Animal Conservation*

NON-REFEREED ARTICLE

C. R. Gabor, M. Fisher & J. Bosch. 2013. A non-invasive stress assay shows that tadpole populations infected with *Batrachochytrium dendrobatidis* have elevated corticosterone levels. *Froglog* 21:84.

C. R. Gabor & C. Blake*. 2012. Predator-prey interactions in fish and salamanders: a conservation perspective. *The Conservation Behaviorist* 10: 2-3.

Jaeger, R. G. & **C. R. Gabor**. 1999. Salamander social behavior. *Reptiles* vol.7, no 7, 32-47.

Southwest Airlines' Spirit magazine June 2011. 40% of Americans believe their pets have a sixth sense. **C. R. Gabor** Invited quote

EDITED LABORATORY GUIDES

Organismal Biology Laboratory Exercises (12 labs) edited by A. Aspbury & **C. R. Gabor** 2007-2015

Organismal Biology Laboratory Exercises (12 labs) edited by **C. R. Gabor** & A. Aspbury 2006-2007

Organismal Biology Laboratory Exercises (12 labs) edited by **C. R. Gabor** 2000, 2001, 2002, 2003, 2004, 2005

Functional Biology Laboratory Exercises (12 labs) edited by C. Pesthy & **C. R. Gabor** 2006-2010

Functional Biology Laboratory Exercises (12 labs) edited by **C. R. Gabor** 2000, 2001, 2002, 2003, 2004, 2005

INVITED PRESENTATIONS

- 2019 University of Arizona. Applying conservation physiology to understand the capacity to cope in the face of land use conversion
- 2019 Masaryk University, Czech Republic -The role of anthropogenic stressors in mediating disease and stress in amphibians
- 2019 University of Pannonia, MTA-PE Evolutionary Ecology Research Group, Department of Limnology and Hungarian Academy of Sciences- Two fishy tails: Geographic variation in behavior, stress and life history traits of livebearing fish
- 2019 Hungarian Herpetology Conference, Budapest, Hungary-Plenary Talk: Applying Conservation Physiology and Behavior to Amphibian Declines
- 2017 University of Massachusetts, Boston, Biology Department, The role of anthropogenic stressors play in mediating disease and stress in amphibians.
- 2017 National Science Foundation, IOS division, Tales of two taxa: sex, stress and urbanization in fish and amphibians
- 2016 University of TEXAS, AUSTIN, Integrative Biology, Effects of urbanization on stress in the Jollyville salamander.
- 2016 CANTERBURY UNIVERSITY, NEW ZEALAND, Biological Sciences, Tales of two taxa: sex, stress and disease in fish and amphibians
- 2016 University of SOUTH DAKOTA STATE, Department of Biology, Does disease mediate increased stress or stress mediate increased disease in amphibians?
- 2016 UNIVERSITY OF RICHMOND, Department of Biology, Does disease mediate increased stress or stress mediate increased disease in amphibians?
- 2015 TEXAS STATE UNIVERSITY, SAN MARCOS, Department of Biology, Amphibian stress response to urbanization and disease.
- 2015 HUNGARIAN SCIENCE INSTITUTE Amphibian stress response to urbanization, predation and disease.
- 2015 DEBRECEN UNIVERSITY, Department of Biology, Amphibian stress response to urbanization and the threat of predation
- 2015 HUNGARIAN NATURAL HISTORY MUSEUM, Sex and stress in fish and amphibians.
- 2015 MOUNTAIN LAKE BIOLOGICAL STATION, Amphibian stress response to urbanization and disease.
- 2015 STEPHEN F. AUSTIN Department of Biology, Amphibian stress response to urbanization and disease
- 2014 ST. EDWARDS UNIVERSITY, Department of Biology, Amphibian stress response to urbanization and the threat of predation.
- 2014 UNIVERSITY OF SOUTH FLORIDA, Department of Biology, Geographic variation in mate choice in a unisexual-bisexual species complex: Are populations consistent? + stress and disease in amphibians.

- 2014 UNIVERSITY OF FLORIDA, Department of Biology, Geographic variation in mate choice in a unisexual-bisexual species complex: Are populations consistent? + stress and disease in amphibians.
- 2014 DUQUESNE UNIVERSITY, Department of Biological Sciences, Amphibian stress response to infection and the threat of predation.
- 2013 MOUNTAIN LAKE BIOLOGICAL STATION, UNIVERSITY OF VIRGINIA. Stress response of amphibians to chytrid and the threat of predation.
- 2011 TEXAS STATE UNIVERSITY Department of Biology. Geographic variation in mate choice in a unisexual-bisexual species complex: are populations consistent? plus Stress hormones in amphibians
- 2010 LONG ISLAND UNIVERSITY, CW POST, Biology Department, Examining the evolutionary maintenance of a unisexual-bisexual mating system: ultimate and proximate mechanisms.
- 2010 UNIVERSITY OF TEXAS, AUSTIN, Integrative Biology, Evolutionary maintenance of a unisexual-bisexual mating system: behavior and hormones
- 2010 TRINITY UNIVERSITY, Department of Biology, Examining the Evolutionary maintenance of a Unisexual-Bisexual Mating System: Hormones and Behavior
- 2010 TEXAS STATE UNIVERSITY, Department of Biology. The maintenance of unisexuality: Behavior, hormones, and genetic diversity in a unisexual-bisexual mating complex.
- 2010 University of Texas A & M, Department of Biology, Evolutionary maintenance of a sexually parasitic livebearing fish.
- 2010 TEXAS STATE UNIVERSITY, Department of Biology. Evolutionary maintenance of a sexually parasitic livebearing fish: ultimate and proximate perspectives
- 2009 UNIVERSITY OF ALABAMA, TUSCALOOSA, Department of Biology, Evolutionary maintenance of a sexually parasitic livebearing fish: ultimate and proximate mechanisms.
- 2009 RICE UNIVERSITY, Department of Biology, Evolutionary maintenance of a sexually parasitic species complex.
- 2008 GEORGIA STATE UNIVERSITY, Department of Biology, Evolutionary maintenance of a sexually parasitic livebearing fish: behavioral and hormonal Perspectives.
- 2008 AUCKLAND UNIVERSITY, New Zealand, Evolutionary maintenance of a sexually parasitic mating complex of livebearing fish.
- 2007 SAM HOUSTON STATE UNIVERSITY, Department of Biology. Evolutionary maintenance of a unisexual-bisexual species complex of mollies.
- 2007 UNIVERSITY OF CALIFORNIA, DAVIS, Graduate Group in Ecology. Evolutionary maintenance of a unisexual-bisexual species complex.
- 2005 EASTERN MICHIGAN STATE UNIVERSITY, YPSILANTI, Department of Biology. Species recognition vs mate quality recognition in a unisexual-bisexual species complex.
- 2004 TEXAS STATE UNIVERSITY, Department of Biology. .Species recognition versus mate quality recognition by sailfin molly males: Asexuals looking for sperm.
- 2003 UNIVERSITY OF LOUISIANA, LAFAYETTE, Department of Biology. Biology Seminar. Species recognition versus mate quality recognition.
- 2003 TEXAS STATE UNIVERSITY, Department of Biology. Speciation through mate choice and species recognition in fish?

- 2002 PALO ALTO COLLEGE, Department of Biology. Biology Seminar. Female receptivity and preference for big smelly males, male choice for conspecifics females.
- 2001 TRINITY UNIVERSITY, Department of Biology. Biology Seminar. Female receptivity and preference for big smelly males, male selectivity and preference for conspecifics over female parasites.
- 2001 SOUTHWESTERN UNIVERSITY, Department of Biology. Biology Seminar. Evolution of mate choice in mollies and newts: reproductive character displacement and sequential female choice.
- 2000 SAN ANTONIO COLLEGE, Bridges Program Chemistry Department. Journal Club. The evolution of courtship in newts and geographic variation in mate choice by sailfin mollies.
- 2000 UNIVERSITY OF TEXAS AT AUSTIN, Section of Integrative Biology. Reproductive Biology Seminar. Evolution of mate choice in mollies and newts: reproductive character displacement and sequential female choice.
- 2000 TEXAS STATE UNIVERSITY, Department of Biology. Evolution of mate choice in mollies and newts: reproductive character displacement and sequential female choice.
- 1999 UNIVERSITY OF TEXAS AT AUSTIN, Section of Integrative Biology. Population Biology Seminar. Reproductive character displacement in male mate choice in sailfin mollies.
- 1998 UNIVERSITY OF TEXAS AT AUSTIN, Department of Zoology. Female choice, male interference, and sperm precedence in the red-spotted newt.
- 1997 CANTERBURY UNIVERSITY, New Zealand, Department of Zoology. Differential kin discrimination by two species of newts and a preview of sperm precedence.
- 1997 UNIVERSITY OF VIRGINIA, Department of Biology. An arms race between female choice and male-male competition in newts.
- 1996 FLORIDA STATE UNIVERSITY, Department of Biological Sciences. Preference for larger individuals in sailfin mollies: is mate choice the only factor?
- 1996 JAMES MADISON UNIVERSITY, Biology Department. The effects of size and sex on the preferences for association in sailfin mollies.
- 1996 OREGON STATE UNIVERSITY, Biology Department. Differential kin discrimination by two species of newts, *Triturus v. vulgaris* and *Notophthalmus viridiscens*.
- 1996 UNIVERSITY OF TEXAS AT AUSTIN, Department of Zoology. Preference for association in sailfin mollies: interactions of size and sex.
- 1994 LOUISIANA STATE UNIVERSITY, Biology Department. Sequential mate choice by female smooth newts.
- 1994 THE OPEN UNIVERSITY, United Kingdom, Biology Department. Sequential mate choice by female smooth newts, *Triturus v. vulgaris*.
- 1994 MOUNTAIN LAKE BIOLOGICAL STATION, University of Virginia. Sequential mate choice by female smooth newts.
- 1994 CORNELL UNIVERSITY, Department of Neurobiology and Behavior. Sequential mate choice by female smooth newts.
- 1994 SIGMA XI SOCIETY, University of Southwestern Louisiana. Sequential mate choice by female smooth newts.

1993 MOUNTAIN LAKE BIOLOGICAL STATION, University of Virginia. The effects of prey type on territorial quality of the red-backed salamander.

1992 MOUNTAIN LAKE BIOLOGICAL STATION, University of Virginia. Effects of food resources on territorial quality of red-backed salamanders.

PRESENTATIONS AT SCIENTIFIC MEETINGS (146 total)

(National/International unless region identified*)

2019

Kolonin, A, Aspbury, AS, & **Gabor, CR**. Consequences of urbanization on cortisol and fitness in mosquitofish. 8th International Conference of Poeciliid Biologists

Miner, K., Aspbury, S, **Gabor, CR**. Physiology, behavior and reproductive success of *Gambusia affinis* under artificial light at night. 8th International Conference of Poeciliid Biologists

Cantu, I* & **Gabor, CR**. Effects of acute and chronic predator stress on mating and stress hormones in mosquitofish. Society of Integrative and Comparative Biology

Kolonin, K, Calvillo, P*, & **Gabor, CR**. Land use conversion affects stress and life history traits of stream fish. Society of Integrative and Comparative Biology

Bristow, M, **Gabor, CR**, M Huertas. Conspecific chemical communication in a live-bearing fish, *Poecilia latipinna*. Society of Integrative and Comparative Biology

Miner, K. & **Gabor, CR**. Physiology, behavior and reproductive success of *gambusia affinis* under artificial light at night. Society of Integrative and Comparative Biology

Forsburg, Z, Robicheaux, J*, Almond, G*., Perkins, H.* , Goff, C., **Gabor, CR**. Validating and using water-borne hormone methods with tadpoles: ACTH challenge, Recovery time, repeatability and optimal rearing designs. Society of Integrative and Comparative Biology

2018

Bristow, M, B. Jaime, **Gabor, CR**, M Huertas. Chemical communication modulates reproduction in the sailfin molly. International Symposium on Reproductive Physiology of Fish

Goff, CB, **Gabor, CR**, S Walls. Conservation physiology: Examining the links between environmental stress and amphibian declines. Southwestern American Association of Naturalists (SWAN)

Aspbury, A, Perkins, H*, Heitmann, A*, **Gabor, CR**. How does Roundup and corticosterone affect stress and development in *Incilius nebulifer* tadpoles. SWAN

Goff, CB, **Gabor, CR**. applying conservation physiology to examine the effects of temperature and CORT on amphibians. Society of Integrative and Comparative Biology

Perkins, H, Heitmann, A, Aspbury, A, **Gabor, CR**. Synergistic effects of Roundup and corticosterone on antipredator responses of *Incilius nebulifer* tadpoles. Society of Integrative and Comparative Biology

Forsburg, Z, **Gabor, CR**. Is artificial light at night a stressor for *Rana berlandieri*. Society of Integrative and Comparative Biology

2017

- Goff, CB, Walls, S, **Gabor, CR**. Core vs. Periphery: Linking Amphibian Declines to Habitat Quality and Increased Stress. Joint meeting of Ichthyologists and Herpetologists
- Bristow, M., **Gabor, CR**, Huertas M. characterization of sex pheromone response in *Poecilia latipinna*. Joint meeting of Ichthyologists and Herpetologists
- *Perkins, H, *Heitmann, A, **Gabor, CR**. Synergistic Effect of Roundup and Corticosterone on Antipredator Responses in *Incilius nebulifer* Tadpoles. Texas Herpetology Society
- Goff, CB, Walls, S, **Gabor, CR**. Core versus Periphery: Linking Environmental Variables and Stress with Amphibian. Texas Herpetology Society
- Forsburg, ZR, **Gabor, CR** Is artificial light at night a stressor for *Rana berlandieri*? Texas Herpetology Society
- Thompson LM, Novarro, A, Timko, SE, Law, C, Goff, C, **Gabor, CR**, Grayson, KL. Population density and the thermal stress response of an urban population of red-backed salamanders near the southern range edge. Ecological Society of America
- Gabor, CR***, Roznik, EA; Knutie, SA, Rohr, JR. The role anthropogenic stressors play in mediating stress and disease in amphibians. International Conference of Comparative Endocrinology – Invited Symposium.
- Aspbury, AS, K Grayson, **Gabor, CR**. The association between male-biased sex ratio and indicators of stress in red-spotted newts. International Conference of Comparative Endocrinology
- Goff, CB, Walls, S, **Gabor, CR**. Core versus Periphery: Linking Environmental Variables and Stress with Amphibian. Society of Integrative and Comparative Biology
- Forsburg, ZR, **Gabor, CR**. Does artificial light at night affect stress levels of the Barton Springs salamander, *Eurycea sosorum*? Society of Integrative and Comparative Biology
- 2016**
- *Gorishek, E. Forsburg ZR, **Gabor, CR** Round-up affects antipredator response of Gulf Coast toad tadpoles Texas Herpetology Society*
- Gabor, CR**, DR Davis, D Kim, K Zabierek, NF Bendik Urbanization is associated with changes in baseline and environmental corticosterone in Jollyville Plateau salamander. Texas Herpetology Society*
- *Hessong, J. Grant, HE, **Gabor, CR** A non-invasive way to determine CORT levels in terrestrial salamanders. Special Plethodontid conference*, Ecological Society of America
- Gabor, CR**, NF Bendik, DR Davis, K Zabierek The effects of urbanization on physiological stress of Jollyville Plateau salamanders, *Eurycea tonkawae*. Special Plethodontid Conference*
- Gabor, CR**; Roznik, EA; Knutie, SA; Rohr, JR. Does corticosterone mediate the negative effects of atrazine and *Batrachochytrium dendrobatidis* on growth and survival? Section of Integrative Biology
- Gabor, CR**, Forsburg, ZR*, Vörös, J, Bosch, J, Serrano-Laguna, C. Does exposure to *Batrachochytrium dendrobatidis* via an infected overwintering salamander have greater costs (stress, mortality, and infection levels) to *Bombina variegata* or *Hyla arborea* tadpoles? Section of Integrative Biology

Kim, DS*; **Gabor, CR**; Earley, RL. Identifying the normal reactive scope of female sailfin mollies in different reproductive states. Section of Integrative Biology

2015

Gabor, CR, Forsburg, ZR*, Vörös, J, Bosch, J, Serrano-Laguna, C. Does exposure to *Batrachochytrium dendrobatidis* via an infected overwintering salamander have greater costs (stress, mortality, and infection levels) to *Bombina variegata* or *Hyla arborea* tadpoles? Texas Herpetology Symposium*

Gabor, CR; Roznik, EA; Knutie, SA; Rohr, JR Negative effects of contaminants and disease on amphibians are not primarily mediated by corticosterone. Texas Herpetology Symposium*

Mondelli, M, **Gabor, CR** The effects of urbanization on hormone levels and activity in Jollyville Plateau salamanders (*Eurycea tonkawae*). The effects of urbanization on hormone levels. Animal Behavior Society

Blake C, **Gabor CR**. Compounded effects of environmental degradation and competition in a spring endemic mosquitofish. Animal Behavior Society

2014

Gabor, CR, Davis, DR; Zabierek, K, Mondelli, M, Bendik, N. The effects of urbanization on physiological stress of Jollyville Plateau salamanders, *Eurycea tonkawae*. Texas Herpetology Conference

K Zabierek, C Gabor. Multimodal communication and the effects of turbidity on the antipredator behavior of the Barton Springs salamander, *Eurycea sosorum*. Texas Herpetology Conference

D Kim, A Aspbury, **C Gabor**. Effect of competitors on male mate choice: Proximate regulation by cortisol and 11-ketotestosterone. International Society of Behavioral Ecology

K Zabierek, **C Gabor**. Effects of turbidity on the antipredator response of the Barton Springs salamander to predator cues. International Society of Behavioral Ecology

S Nagy, **C Gabor**. Personality-driven dispersal in a unisexual-bisexual mating complex. International Society of Behavioral Ecology

K Zabierek, C Gabor. Antipredator response of the San Marcos salamander to a nocturnal and a diurnal predator. *EuryceAlliance* Conference (regional)

Gabor, CR, Davis, DR; Zabierek, K, Mondelli, M, Bendik, N. The effects of urbanization on physiological stress of Jollyville Plateau salamanders, *Eurycea tonkawae*. *EuryceAlliance* Conference (regional)

Gabor, CR, Davis, DR; Zabierek, K, Mondelli, M, Bendik, N. The effects of urbanization on physiological stress of Jollyville Plateau salamanders, *Eurycea tonkawae*. Plethodontid Conference

*DL DeSantis, **CR Gabor**, DR Davis. Invertebrate predator recognition and avoidance in the endangered Barton Springs salamander, *Eurycea sosorum* Texas Academy of Sciences

A Reedy, A Edwards, C Pendlebury, L. Murdaugh, R. Avery, J. Seidenberg, A Aspbury, **CR Gabor**. Male and female newts increase corticosterone during amplexus. Society for Integrative and Comparative Biology conference.

A Hanninen, Thomason, C.B. & **CR Gabor**, Altizer, S. Breeding behavior is associated with sex-biased parasitism in the red-spotted newt. Society for Integrative and Comparative Biology conference.

N Bendik, Davis, DR, Zabierek, K & **CR Gabor**. The effects of urbanization on physiological stress of Jollyville Plateau salamanders, *Eurycea tonkawae*. Society for Integrative and Comparative Biology conference.

2013

Blake, C., Alberici Da Barbiano, L., Guenther, J. & **CR Gabor**. Predator recognition and response to novel and native predators. Texas Poeciliid Conference

Kim, D, Aspbury, A., & **CR Gabor**. Effect of social competition on male mate choice in a unisexual-bisexual species complex. Texas Poeciliid Conference

*Reyes, J, Kim, Y., & **CR Gabor**. Is the total, conjugated or free portion of 11 ketotestosterone associated with male sailfin molly mating behavior? Texas Poeciliid Conference

L. Alberici Da Barbiano, K Cunningham, & **CR Gabor**, Behavioral and stress response to predators in a unisexual bisexual system. Texas Poeciliid Conference

CR Gabor, J. Bosch & M. Fisher. Elevated stress levels in Common and Mallorcan midwife toads infected with *Batrachochytrium dendrobatidi*. European Congress of Herpetology.

S. DeColo & **CR. Gabor** Effects of turbidity on male preference for size in fountain darters, *Etheostoma fonticola*. Animal Behavior Society conference

L. Alberici Da Barbiano, *K Cunningham, & ***CR Gabor**, Behavioral and stress response to predators in a unisexual bisexual system. Animal Behavior Society conference

DS. Kim, AS. Aspbury & **CR Gabor**. Effect of social competition on male mate choice in a unisexual-bisexual species complex. Animal Behavior Society Conference

C. Blake & **CR Gabor**. Boldness and Body Shape in the Largespring Mosquitofish (*Gambusia geiseri*). Animal Behavior Society Conference

AS Aspbury, D. Kim, J. Waller, **CR Gabor**. Female preference for familiarity vs. LPA by gynogens in a unisexual-bisexual mating complex. Animal Behavior Society Conference

L. Alberici Da Barbiano, **CR Gabor**, & K Cunningham, Behavioral and stress response to predators in mollies. Undergraduate Symposium, Texas State University.

L. Alberici Da Barbiano, **CR Gabor**, & K Cunningham, Behavioral and stress response to predators in mollies. UT-Austin Center for Brain Behavior and Evolution symposium

2012

CR Gabor & A. Aspbury. Geographic variation in mate choice in a unisexual-bisexual species complex: are populations consistent? International Poeciliid Conference

C. K. Blake & **CR Gabor**. Predator effects on suites of correlated behaviors in *Gambusia geiseri*. Animal Behavior Society

A. Aspbury, L. Alberici da Barbiano, L. Rangel & **CR Gabor** . Male permissiveness in a unisexual-bisexual mating complex. Animal Behavior Society

S. DeColo & **CR Gabor** Effects of turbidity on female preference for larger males in fountain darters, *Etheostoma fonticola*. Animal Behavior Society

DR Davis & **CR Gabor**. Stress response of the salamander, *Eurycea nana*, to

- native and introduced predators. Animal Behavior Society
- DL DeSantis, DR Davis, & **CR Gabor** Chemically mediated predator recognition in the Barton Springs salamander. Animal Behavior Society
- DR Davis & **CR Gabor** Stress response of the San Marcos salamander *Eurycea nana*, to native and introduced predators. *EuryceAlliance* (regional)
- CR Gabor**, M. Fisher, J. Bosch A non-invasive stress assay shows that diseased tadpole populations have elevated corticosterone. *EuryceAlliance* Society for Integrative and Comparative Biology conference.
- DL DeSantis, DR Davis, & **CR Gabor** Chemically mediated predator avoidance in the Barton Springs salamander, *Eurycea sosorum*. *EuryceAlliance* (regional)
- L. Alberici da Barbiano Z. Gompert, A. Buerkle, A. Aspbury, & **C. Gabor**, C. Nice. Phylogeography of a unisexual-bisexual mating complex: a population genomics approach. Texas Poeciliid Conference
- L. Alberici da Barbiano, R. Robinson*, M. Tobler, A. Aspbury, **C. Gabor** Differences in resource assimilation between a sperm-dependent unisexual species and its sexual host. Texas Poeciliid Conference
- L. Alberici da Barbiano, K. Pena*, A. Aspbury, & **C. Gabor**. Effects of heterospecific encounters on stress hormone levels in a unisexual-bisexual mating complex. Texas Poeciliid Conference
- C. R. Gabor**, A. Aspbury, & C. Nice. The role of androgens in species recognition and sperm production in Atlantic mollies (*Poecilia mexicana*). Texas Poeciliid Conference
- A. Contreras* and C. Gabor. Measuring water-borne cortisol in sailfin mollies: is the process stressful and can stress levels be minimized? Texas Poeciliid Conference
- C. Blake & **C. Gabor** Invasive predators select for boldness in native prey populations. Texas Poeciliid Conference
- J. Muraco, A. Aspbury, & **C. Gabor**. Male behavioral type and its correlates with species recognition and hormone production in a unisexual-bisexual mating complex. Texas Poeciliid Conference
- DL DeSantis, DR Davis, & **CR Gabor** Predator recognition in the Barton Springs salamander, *Eurycea sosorum*. Texas Academy of Sciences
- DR Davis & **CR Gabor** Differential corticosterone response towards native and introduced predators by the San Marcos salamander, *Eurycea nana*. Texas Academy of Sciences

2011

- DL DeSantis, DR Davis, & **CR Gabor**. Predator recognition and response of the Barton Springs salamander, *Eurycea sosorum*. Texas State Undergraduate Research Conference.
- A. Contreras. & **CR Gabor**. Measuring water-borne cortisol in sailfin mollies: is the process stressful and can it be minimized? Texas State Undergraduate Research.
- ‡DR. Davis & **CR. Gabor**. Differential corticosterone response towards native and introduced predators by the San Marcos salamander, *Eurycea nana*. Texas Herpetologist Society
- *DL. DeSantis, ‡DR. Davis, & **CR. Gabor**. Predator recognition and response of the Barton Springs salamander, *Eurycea sosorum*. Texas Herpetologist Society

- ‡L. Swanbrow & **CR Gabor**. Effects of turbidity and visual versus chemical cues on predator avoidance in the fountain darter. Aquifer optimization - technical advisory work group
- JJ. Muraco, CR Gabor & A. Aspbury Differences in behavioral type among females of a unisexual-bisexual mating complex. ANIMAL BEHAVIOR SOCIETY CONFERENCE.
- CR Gabor** & A. Aspbury. Geographic variation in mate choice in a unisexual-bisexual complex: are populations consistent?. ANIMAL BEHAVIOR SOCIETY CONFERENCE.
- *A. Contreras. & **CR Gabor**. Measuring water-borne cortisol in sailfin mollies: is the process stressful and can it be minimized? ANIMAL BEHAVIOR SOCIETY CONFERENCE.
- ‡D. Davis & **CR Gabor**. Generalization of introduced predators by a threatened salamander. ANIMAL BEHAVIOR SOCIETY
- ‡L. Swanbrow & **CR Gabor**. Effects of turbidity and visual versus chemical cues on predator avoidance in the fountain darter. ANIMAL BEHAVIOR SOCIETY CONFERENCE
- ‡L. Alberici da Barbiano, C. Nice, AS Aspbury, **CR Gabor**. The impact of social context on male mate preference in a unisexual-bisexual mating complex. ANIMAL BEHAVIOR SOCIETY
- CR Gabor**. Stress in *Eurycea nana*. EuryceAlliance Conference
- ‡L. Alberici da Barbiano, Z. Gompert*, A. Buerkle*, **CR. Gabor**, A. Aspbury, C. Nice Phylogeography of a Unisexual-bisexual Mating System. JMIcthyologists and Herpetologists Conference
- ‡L. Swanbrow & **CR Gabor**. Effects of turbidity and visual versus chemical cues on predator avoidance by fountain darters, *Etheostoma fonticola*. TEXAS ACADEMY OF SCIENCES.
- ‡JJ. Muraco & **CR Gabor**. Maintenance of a Unisexual-Bisexual Mating Complex: Importance of Behavioral Syndromes. TEXAS ACADEMY OF SCIENCES.
- ‡D. Davis & **CR Gabor** Phylogenetic generalization of predators by the San Marcos salamander, *Eurycea nana*. TEXAS ACADEMY OF SCIENCES.
- 2010**
- ‡L. Alberici da Barbiano, Z. Gompert, AS Aspbury, **CR Gabor**, & C. Nice. Metapopulation dynamics and sperm storage may explain the maintenance of a vertebrate gynogenetic species: A simulation model. EVOLUTION CONFERENCE
- ‡L. Alberici da Barbiano, Z Gompert, AS Aspbury, **CR Gabor**, C. Nice. Metapopulation dynamics and sperm storage may explain the maintenance of a vertebrate gynogenetic species: A simulation model. WISE CONFERENCE (regional)
- ‡L Alberici da Barbiano, Z Gompert, AS Aspbury, **CR Gabor**, C Nice. Metapopulation dynamics and sperm storage may explain the maintenance of a vertebrate gynogenetic species: A simulation model. ANNUAL ECOLOGICAL INTEGRATION SYMPOSIUM, TEXAS A & M UNIVERSITY.
- ‡L Alberici da Barbiano, Z. Gompert, AS Aspbury, **CR Gabor**, C Nice. Metapopulation dynamics and sperm storage may explain the maintenance of a vertebrate gynogenetic species: A simulation model. TEXAS ACADEMY OF SCIENCES.

CR Gabor, ‡J. Ma, & AS Aspbury. Androgen response in a unisexual-bisexual mating complex. ANIMAL BEHAVIOR SOCIETY.

*LI Rangel, **CR Gabor**, & AS Aspbury. Permissiveness of males in a unisexual-bisexual mating complex. ANIMAL BEHAVIOR SOCIETY.

‡J. Ma, AS Aspbury, & **CR Gabor**. Sperm priming, 11-ketotestosterone, and male mate preference in *Poecilia mexicana*. ANIMAL BEHAVIOR SOCIETY.

2009

‡A Alberici da Barbiano, A. Aspbury, **CR Gabor**, Z. Gompert & C. Nice 2009. Metapopulation dynamics and sperm storage: a simulation model to explain the maintenance of *Poecilia formosa*. TEXAS POECILIID BIOLOGIST CONFERENCE

*M Parmley, M., **CR Gabor**, & AS Aspbury. Sexually parasitic unisexual Amazon molly mate preference for large males: sensory bias or direct benefits? Animal Behavior Society

AS Aspbury, *JM Coyle, & **CR Gabor**. Effect of predation on male mating behavior in a unisexual-bisexual mating system. Animal Behavior Society

CR Gabor & M Grober. The interaction of male and female androgens in male mate preference in a unisexual-bisexual mating complex. Animal Behavior Society

2008

‡KJ Epp & **CR Gabor**. The effect of predator diet and prey experience on antipredator behavior in the aquatic salamander *Eurycea nana*. EVOLUTION CONFERENCE

‡C Espinedo, A Aspbury & **CR Gabor**. Symmetrical Isolation: A Tale of Two Species. Evolution Conference

CR Gabor & A Aspbury. Male preference functions based on female size in the sailfin molly, *Poecilia latipinna*: bigger is not always better. Evolution Conference

*J Coyle, **CR Gabor** & A. Aspbury. Male mate selection of *Poecilia latipinna* under wading bird predation risk. Honors poster presentation, Texas State University.

2007

‡KJ Epp & **CR Gabor**. Texas State University: Experience affects the avoidance of native and non-native predators by the San Marcos salamander, *Eurycea nana*. Texas Herpetological Society Symposium

‡KJ Epp & **CR Gabor**. Experience affects salamander avoidance of native and non-native predators. Animal Behavior Society

‡L Alberici da Barbiano, AS Aspbury, CC Nice & **CR Gabor**. Unisexual-bisexual mating systems: Is male fitness influenced by the frequency of unisexual heterospecific females?. Animal Behavior Society

‡C Espinedo, AS Aspbury & **CR Gabor**. Male mate choice in *Gambusia*. Animal Behavior Society.

‡C Espinedo, **CR Gabor**, and AS Aspbury. Analyzing the significance of chemical versus visual cues for species recognition in male sailfin mollies. American Fisheries Society Meeting.

2006

‡D Robinson, AS Aspbury, & **CR Gabor**. Rapid spermiation during mating by male sailfin molly, *Poecilia latipinna*. Internationals Society for the Study of Behavioral Ecology.

‡KJ Epp & **CR Gabor**. Differential Behavioral Response of *Eurycea nana* to Native

vs. Non-native predators' chemical cues. International Society for the Study of Behavioral Ecology.

‡C Espinedo & **CR Gabor**. Analyzing the significance of chemical versus visual cues in sperm production by male sailfin mollies, *Poecilia latipinna*. Evolutionary Behavioral Ecologists.

‡D Robinson, AS Aspbury, & **CR Gabor**. Differential sperm expenditure between species in the sailfin molly, *Poecilia latipinna*. Evolutionary Behavioral Ecologists.

‡K Epp & **CR Gabor**. Differential Behavioral Response of *Eurycea nana* to Native vs. Non-native predators' chemical cues. Evolutionary Behavioral Ecologists.

2005

‡LK Lucas, CC Nice, JN Fries, & **CR Gabor**. Population genetics of a threatened plethodontid salamander . SOCIETY FOR THE STUDY OF EVOLUTION Conference

*CM Espinedo, A Aspbury, & **CR Gabor**. Analyzing the significance of chemical versus visual cues for species recognition in male sailfin mollies, *Poecilia latipinna* ANIMAL BEHAVIOR SOCIETY,

‡D Robinson, A Aspbury & **CR Gabor**. Differential sperm allocation in the sailfin molly, *Poecilia latipinna*. ANIMAL BEHAVIOR SOCIETY

‡KJ Epp & **CR Gabor**. Differential behavioural response of the salamander *Eurycea nana* to native vs. non-native predators' chemical cues. ANIMAL BEHAVIOR SOCIETY

‡R. Gonzalez, **CR Gabor** & A Aspbury Differential sperm transfer in relation to size in sailfin mollies, *Poecilia latipinna*. ANIMAL BEHAVIOR SOCIETY

2004

AS Aspbury & **CR Gabor** Differential Sperm Priming by Male Sailfin Mollies (*Poecilia latipinna*). AMERICAN SOCIETY OF ICHTHYOLOGISTS AND HERPETOLOGISTS.

CR Gabor, King, D.*, and Fields, R.* No species recognition based on visual and chemical cues in male sailfin mollies, *Poecilia latipinna*. AMERICAN SOCIETY OF ICHTHYOLOGISTS AND HERPETOLOGISTS

2003

A. Aspbury & **CR Gabor** Differential Sperm Priming by Male Sailfin Mollies (*Poecilia latipinna*). FIRST EUROPEAN CONFERENCE OF POECILIID BIOLOGISTS.

‡JM Gumm & **CR Gabor** Asexuals looking for sex: Species and mate-quality recognition in *Poecilia latipinna*. FIRST EUROPEAN CONFERENCE OF POECILIID BIOLOGISTS.

CR Gabor & D. King* Examining the use of visual and chemical cues for species recognition in male Sailfin mollies, *Poecilia latipinna*. FIRST EUROPEAN CONFERENCE OF POECILIID BIOLOGISTS.

‡M. Thaker, **CR Gabor**, & J. Fries. Sensory cues and association preferences in the San Marcos salamander. TEXAS HERPETOLOGICAL SOCIETY FALL SYMPOSIUM. SOUTHWEST ASSOCIATION OF BIOLOGISTS.

‡M. Thaker, **CR Gabor**, & J. Fries. Sensory cues and association preferences in the San Marcos salamander. SOUTHWEST ASSOCIATION OF BIOLOGISTS.

‡M. Thaker, **CR Gabor**, & J Fries. Sensory cues and association preferences in the San Marcos salamander. ANIMAL BEHAVIOR SOCIETY

‡J. M. Gumm & **CR Gabor**. Asexuals looking for sex: Species and mate-quality recognition in *Poecilia latipinna*. ANIMAL BEHAVIOR SOCIETY

D. King* & **CR Gabor**. Species recognition and discrimination via olfactory cues in the male sailfin molly, *Poecilia latipinna*. ANIMAL BEHAVIOR SOCIETY.

A. Aspbury & **CR Gabor** Effects of male size and female presence on sperm availability in the sailfin molly. ANIMAL BEHAVIOR SOCIETY

2002

CR Gabor. Female mate choice for novel male traits. Poster presentation at ANIMAL BEHAVIOR SOCIETY

CR Gabor. Female mate choice for artificially selected novel traits. Poster presentation at II INTERNATIONAL SYMPOSIUM ON LIVEBEARING FISHES: Mexico.

2001

CR Gabor, R. Page* & C. Setiawan*. Female reproductive status and preference for smelly big males: Is size all there is? ANIMAL BEHAVIOR SOCIETY

CR Gabor. Geographic variation in mate choice by sailfin mollies, *Poecilia latipinna*. TEXAS ACADEMY OF SCIENCE

2000

CR Gabor & M. J. Ryan. Geographic variation in reproductive character DISPLACEMENT in mate choice by sailfin mollies. ANIMAL BEHAVIOR SOCIETY

1999

CR Gabor, C. R. & M. J. Ryan. Reproductive character displacement on male mate selectivity in a unisexual-bisexual complex of live bearing fish. SOUTH CENTRAL BEHAVIOR AND EVOLUTION SOCIETY

CR Gabor & M. J. Ryan. Reproductive character displacement on male mate selectivity in a unisexual-bisexual complex of live bearing fish (*Poeciliidae*). Joint meeting of THE SOCIETY FOR THE STUDY OF EVOLUTION, AND THE AMERICAN SOCIETY OF NATURALISTS, AND THE SOCIETY OF SYSTEMATIC BIOLOGISTS.

1998

CR Gabor, J. Krenz, & R. Jaeger. Female choice, male interference, and sperm precedence in the red-spotted newt. INTERNATIONAL BEHAVIORAL ECOLOGY CONGRESS.

CR Gabor, C. R., J. Krenz, and R. Jaeger. Sexual selection for female preference and male interference in the newt, *Notophthalmus viridescens*: behavioral experiments and the detection of sperm precedence using genetic markers. Joint meeting of THE SOCIETY FOR THE STUDY OF EVOLUTION, AND THE AMERICAN SOCIETY OF NATURALISTS, AND THE SOCIETY OF SYSTEMATIC BIOLOGISTS.

1997

CR Gabor. An arms race between female choice and male-male competition in newts. INTERNATIONAL ETHOLOGICAL CONFERENCE.

CR Gabor. Female choice in red-spotted newts: the null hypothesis and male-male competition. ANIMAL BEHAVIOR SOCIETY. Allee Award Competition

1996

CR Gabor & R. G. Jaeger. The preference for big fish in sailfin mollies is not gender dependent. ANIMAL BEHAVIOR SOCIETY.

Jaeger, R. G. & **CR Gabor**. Variation in agonistic behavior of a territorial salamander. Joint meeting of the AMERICAN SOCIETY OF ICHTHYOLOGISTS AND HERPETOLOGISTS AND THE HERPETOLOGISTS' LEAGUE.

1995

CR Gabor. Differential kin discrimination by egg eating salamanders. ANIMAL BEHAVIOR SOCIETY,

1994

CR Gabor. Sequential mate choice by the female smooth newt (*Triturus vulgaris*).
HERPETOLOGISTS' LEAGUE AND THE SOCIETY FOR THE STUDY OF AMPHIBIANS AND
REPTILES.

CR Gabor. The effects of prey type on territorial quality of the red-backed
salamander, *Plethodon cinereus*. BRITISH ANIMAL BEHAVIOUR SOCIETY,

1993

CR Gabor. Effects of resource quality on the agonistic behavior of territorial
salamanders. AMERICAN SOCIETY OF ICHTHYOLOGISTS AND HERPETOLOGISTS AND
THE HERPETOLOGISTS' LEAGUE

1992

CR Gabor & R. G. Jaeger. Qualifying territorial quality quantitatively. III HIGHLANDS
PLETHODONTID SALAMANDER CONFERENCE.

GRANTS RECEIVED

Ecolab, 2019	\$11,925
The relationship between environmental variables, stress and diversity in fish and amphibians	
Ecolab, 2018	\$13,486
Conservation physiology of amphibians and fish: stress in urban and rural habitats	
Faculty Research Enhancement Grant, 2017	\$16,000
Characterization of sex pheromone response in sailfin mollies	
Ecolab, 2017 with Zachery Forsburg	\$5,722
Amphibian survey and effects of environmental stressors on amphibian populations	
Ecolab, 2016 with Zachery Forsburg	\$4,000
Amphibian survey and physiological health of amphibians in rural environments	
2015 Faculty Research Enhancement Grant,	\$7,596
Mechanistic approach to understanding disease resistance after pesticide exposure in tadpoles	
2014-2017 USGS ARMI Amphibian and Research and Monitoring Initiative with PI Dr. Susan Walls (USGS)	\$317,927
Using a novel ecophysiological tool to evaluate the conservation status of imperiled populations in species distribution models	
2013-2014 USFWS State Wildlife Grant Program	\$32,716
The effects of urbanization on physiological stress of Jollyville Plateau salamanders, <i>Eurycea tonkawae</i>	
2013-2014 Barton Springs Salamander Conservation Grant	\$9,349
The effect of captive rearing on stress and reproductive hormones in <i>Eurycea sosorum</i> .	
2013-2016 NSF – GRFP with Chelsea Blake (DST),	\$132,000
2010-2014 NSF –IOS, Animal Behavior, Gabor PI with CO-PIs Nice & Aspbury, Grant #1021873	\$350,000
“The maintenance of unisexuality: Behavior, hormones, and genetic diversity in a unisexual-bisexual mating complex”.	
2014 NSF - REU Supplement with Drs. Aspbury, Nice	\$6,000

2013 NSF - REU Supplement with Drs. Aspbury, Nice	\$6,000
2012 NSF - REU Supplement with Drs. Aspbury, Nice	\$6,000
2011 NSF - REU supplement, Gabor PI with CO-PIs Nice and Aspbury	\$6,000
2008 Faculty Research Enhancement Grant , Gabor PI	\$8,000
“Hormonal basis to mate choice behavior in a unisexual-bisexual mating system”	
2006 NSF–DIB, Research Education for Undergraduates , Supplement– Gabor PI with Aspbury CO-PI	\$6,000
2005 NSF–DIB, Research Education for Teachers , Supplement – Gabor PI with Aspbury CO-PI	\$5,890
2004 – 2007 + 1yr extension NSF–DIB, Animal Behavior , Gabor PI with CO-PI Dr. Aspbury, Grant #0415808	\$299,497
“Species recognition versus mate quality recognition by sailfin molly males: asexuals looking for sperm”	
2004 – 2007 U.S. Dept. of the Interior, Fish & Wildlife Service ,	\$25,000
Project Officer Joe Fries with CO-PIs Gabor and Nice	
“Genetics of San Marcos salamanders produced in captivity”	
2004 Faculty Research Enhancement Grant	\$7,982
“Differential Sperm Allocation by Male Sailfin Mollies”	
2003 Texas Higher Education Coordinating Board (THECB) , Gabor PI	\$8,100
Supplemental grant for High School Teachers – Matt Holmes	
2002 THECB ,	\$8,100
Supplemental grant for High School Teachers – Matt Holmes	
2001 – 2004 THECB, Advanced Research Program ,	\$78,895
Grant # 003615-0004-2001 “Species recognition versus mate quality recognition by sailfin molly males”	
2001 Faculty Research Enhancement Grant ,	\$7,000
“Testing pre-existing bias theory: female mate choice for novel male traits”	
1997 - 1999 NSF Postdoctoral Research Fellowship,	\$80,000
“Evaluation of reproductive character displacement on male mate selectivity in a unisexual-bisexual complex of livebearing fish (Poeciliidae)”	
1996 Sigma Xi , The Scientific Research Society	\$500
“Female mate choice in salamanders: the interaction of previous experience with males and male-male competition”	
1993-1997 Louisiana Board of Regents Doctoral Fellowship	\$64,000
1991-1996 Graduate Student Organization , Univ. of Louisiana	\$2800
1993 Sigma Xi, GIAR The Scientific Research Society	\$390
“The effects of operational sex ratio on male mating strategies”	
1992 Walton Scholarship , Mountain Lake Biol. Station, Univ. of Virginia,	\$1000

FUNDED COOPERATIVE GRANT

U.S. Department of the Interior, Fish and Wildlife Service, 2004-2007
 \$25,000

This grant funds the research of Lauren Lucas, a MS student coadvised by myself and Dr. Chris Nice via with the Project officer Joe Fries “Genetics of San Marcos salamanders produced in captivity” agreement # FWS 1448-21230-5-K001

GRANT IN KIND

2015 U.S. Department of the Interior, Fish and Wildlife Service	\$920
Funding to examine stress hormones in <i>Eurycea nana</i>	
2013 City of Austin, Watershed Protection	\$1300
Funding to examine stress in <i>Eurycea tonkawae</i>	
2013 U.S. Department of the Interior, Fish and Wildlife Service,	\$2000
Funding to examine stress hormones in <i>Eurycea nana</i>	
2012 City of Austin, Watershed Protection	\$1300
Funding to examine stress in <i>Eurycea tonkawae</i>	
2012 U.S. Department of the Interior, Fish and Wildlife Service	\$1300
Funding to examine stress hormones in <i>Etheostoma fonticola</i>	
2011 U.S. Department of the Interior, Fish and Wildlife Service	\$1300
Funding to examine stress and reproductive hormones in <i>Eurycea nana</i>	

PROPOSALS SUBMITTED

AWARDS AND HONORS

- 2018 Fulbright Scholar Program- research at the Hungarian Academy of Sciences. “Role of Land Use Conversion on Stress in Amphibians Across Generations in Hungary” (Spring 2019)
- 2016 Erskine Fellowship, Visiting Fellow at Canterbury University, New Zealand
- 2015 Presidential Award for Excellence in Scholarly/Creative Activities (Associate/Professor)
- 2015 Fulbright Specialist Program award, Hungary
- 2014 (for 2015) Balassi Institute Scholarship, Hungary
- 2015, 2008 Presidential Award Texas State University 1 extra semester paid leave
- 2014 Internal Globalization Workshop award, Texas State University
- 2009, 2014 Dean’s nominee for Presidential Award for Excellence in Scholarly/Creative Activities at Texas State University
- 2013-2018 Fulbright Specialist Roster
- 2012 Favorite Professor, Alpha Chi at Texas State University
- 2013, 2012, 2010 Nominated for Excellence in Diversity Award at Texas State University
- 2005 Texas State University Presidential Award for Excellence in Scholarly/Creative Activities

2004 Runner up for the Presidential Award for Excellence in Scholarly/Creative Activities, College of Science at Texas State University

1995 Elected to Associate Membership in Sigma Xi, The Scientific Research Society

IV. SERVICE

UNIVERSITY

President's Council for Women in Higher Education – 2018 - present

Performing Arts committee – present

IACUC committee 2013- present

College of Science and Engineering Review Committee – 2016-present

SURE STEM program Undergraduate student mentor and contributor -2017 - present

Contributed Univ. Lecture series - Trends in Scholarship and Research -2018

Contributed to Panel on Strategies for Successful Research/Scholarship/Creative Ideas panel at the New Faculty Orientation -2018

College of Science Scholarships (graduate and undergraduate) Committee – Chair 2010, 2011, 2012, 2013, 2014, 2016, 2017

AVPRF job search committee – 2015-16

Reviewer for URF grants 2012, 2013, 2015, 2018

Undergraduate recruitment life sciences panel 2014

Discussion for the Philosophical Dialogue series Texas State University, 2012

University Seminar Committee 2005-2009

Graduate College Scholarship Committee 2007, 2008

Durrenberger Endowed Scholarship in Science for Women committee 2005- 2006, 2008, 2010 (this is now part of COS scholarships)

Advisor for the Triathlon Club 2002-2009

Scholars of Promise Science Tours for Department of Biology 2005-2008

Tenure Track Faculty Orientation - Tenure process lecture 2005

Grant Proposal Writing Skills lecture for OSP 2006

Presidential Award for Excellence in Scholarly/Creative Activities committee 2006, 2007

DEPARTMENTAL

Mentoring committee – Camila Carlos-Shanley

Personnel Committee Chair 2012- present (re-elected every 3 years)

Created and chair Outstanding TA award 2011- present

Chair Strategic Plan committee and follow up goals 2015- present

Reviewer Francis Rose Award 2014-present

Schulze Award Committee 2005-present

Coordinate and initiated the Evolution, Ecology, and Behavior (EEB) now

Graduate Ecology Discussion journal club 2000-present

<http://www.bio.txstate.edu/~gabor/eeb/eeb.html>

Seminar Committee 2014- present

Create and maintain Facebook page for Biology Department 2010-present

https://www.facebook.com/home.php?sk=app_2915120374#!/groups/122189604477542/

Created and maintain Undergraduate Research Website 2007 –2017, 2019:

<http://www.bio.txstate.edu/Student-Resources/Undergraduate-Research.html>

Research Enhancement Program Reviewer- Department of Biology 2009, 2017

Co-coordinator of Biology Student Colloquium 2006-2013, Chair Colloquium 2010

Organismal Physiologist job search committee 2015- 2016

Chair Undergrad Research committee 2005- 2016

Chair Seminar committee 2001 - 2014

Promotion and Tenure Tracking Committee 2006-2014

Maintain Biology Seminar website 2004-2014

<http://www.bio.txstate.edu/~gabor/seminar/seminar.html>

Chair Francis Rose Undergraduate Award for Excellence in Biological Research committee– started, organize and run this award 2003-2013

Judge for Biology Department Student Colloquium 2001, 2008, 2010, 2011

Chair creation of Biology Departmental Logo 2010

Performance and Merit Committee 2008-2009

PhD Proposal Preparation Committee 2007

Stream Ecologist Search committee 2005-2006

Department Chair Search committee x 2 -2005-2006

Recruited and hosted (1-2 days) a nationally recognized for departmental seminar series research scientist:

- Doug Woodhams, University of Massachusetts, Boston (spring 18)
- Mathieu Denoel, University of Liege, Belgium (spring 18)
- Rebecca Young, Univ. of Texas, (fall 18)
- Robert Page, Texas A & M San Antonio, (fall 2017)
- Jason Rohr, University of South Florida (fall 16)
- Michele Johnson, Trinity University (fall 2015).
- Susan Walls visit, USGS (fall 2015).
- Susan Foster visit, Clark University (spring 2015).
- Marta Wayne visit, University of Florida (spring 2014).
- Jennifer Gumm, Stephen F. Austin (spring 2014).
- Sarah Woodley, University of Duquesne (fall 2013)
- Jonathan Pruitt, University of Pittsburg, (fall 2013)
- Rebecca Calisi, UC Berkeley, (spring 2013)
- Alison Bell, Univ. of Illinois, Champaign-Urbana, (spring 2012)
- Peter Dijkstra, University of Texas- Austin, (fall 2011)
- Joan Strassman, Rice University, (spring 2011)
- Jaime Zuniga Vega, University of Mexico National, (spring 2011)
- Hans Hofmann, University of Texas, Austin (fall 2010)
- Ryan Earley, Univ. of Alabama, Tuscaloosa (spring 2009)
- Andre Fernandez, MD Anderson Cancer Research Center (spring 2009)
- Andy Sih, University of California, Davis (fall 2007)
- Sue Bertram, Carlton University, Canada (fall 2007)
- Andrew Gluesenkamp, Zara Environmental (fall 2007)
- Tara Maginnis, St. Edwards University (spring 2007)
- Gil Rosenthal, Texas A& M (fall 2006)
- Peter Bednekoff, Eastern Michigan University (spring 2006)
- Adam Jones, from Texas A& M (fall 2005)

- Alicia Mathis, University of Southwestern Missouri, (fall 2004)
- Laurie Dries, University of Texas, Austin, (spring 2004)
- Romi Burks, Southwestern University (spring 2004)
- Margaret Ptacek, Clemson University, (spring 2003)
- Paul Chippindale, UT Arlington, (fall 2003)
- Molly Cummings, University of Texas, Austin, f (fall 2002)
- Robert Jaeger, University of Louisiana, Lafayette, (spring 2001)
- Karin Pfennig, University of Texas, f (fall 2001)
- Ingo Schlupp, University of Texas, (fall 2001)
- Mike Ryan, University of Texas, (fall 2001)

Genetics Job Search Committee 2001

Mentor for Margeaux Salas, a Freshman Biology Major (2000)

COMMUNITY

Worked with Ann Richards High School student – Dignity Butts 2017-1019

Worked with San Marcos High student – Jessica Amaya 2017-2019

Expert Witness for Save our Springs, Austin, TX 2018

Professional Development- organize grad students to give hands on science demonstrations at San Marcos Elementary school 2014-present

Presenter at Barton Springs University (2015, 2016, 2017, 2019)

Judged Posters – HIS SURE program 2019

Judged Posters SICB DAB 2019

Participated in SICB DEE Beers and Brain evening 2019

Presenter at Hot Science Cool Talks (2016)

Presented at the AWIS chapter at Texas State University 2012

Presented at Broader Impacts Symposium Animal Behavior Society Conference 2012- Case studies of successful broader impact projects: a personal perspective

Presented to Capitol Area Master Naturalists 2011

Presented to Hays County Master Naturalists 2011

Allee Competition Judge for Behavior Conference 2011

Mentor for Turner Diversity Award Undergraduates at Behavior Conference 2011, 2012

Poster Judge Women in Science Conference 2010

Review for Austin Community Foundation administers the Barton Springs Salamander Conservation Fund 2009

Presented at the Midstream meeting for the Flowing Waters program 2008

Judge for the Hamilton Award –Evolution Conference 2008

Presented at Travis High School – Women in Science for Marty Wise Spring 2006

Panelist for Women in Science discussion at the Lady Bird Johnson Wildflower center 2005, 2006

Poster Judge for Society for Advancement of Chicanos and Native Americans in Science 2004

Mentor for Turner Diversity Award Undergraduates at Animal Behavior Society Conference 2003, 2010, 2011, 2012

SMTEI mentor for Lanier, TX high school teacher Matt Holmes 2001-2003

PROFESSIONAL

Associate Editor for *Behavioral Ecology and Sociobiology* (IF=2.91) 2005-present

Associate Editor for *Amphibia-Reptilia* (IF= 1.02) 2009-present

External evaluation for promotion to Professor – Tiffany Garcia Oregon State University 2019

Co-Editor of Research Topic, *Frontiers in Evolution and Ecology*-12 papers 2018-2019

Animal Behavior Society grant proposal reviewer (2018)

External evaluation for promotion to Professor – Tiffany Garcia Oregon State University 2019

External evaluation for promotion to Professor – Merrimack College 2018

External evaluation for promotion and tenure – Ohio State University, Marion 2017

External evaluation for promotion to Professor – Colby College (2016)

Organized the Texas Herpetology Society Symposium at TSU (2015)– 100 attendees

External evaluation for promotion and tenure – Univ. of Wisconsin, Milwaukee (2015)

Board of Texas Herpetology Society 2015- present

External evaluation for promotion and tenure – TAMU 2014

International Society of Behavioral Ecology Abstract reviewer 2014

Public Affairs Committee Chair Animal Behavior Society - 2009- 2014

Co-Organized the *EuryceAlliance* conference at Texas State University – 39 attendees and 9 talks, 2014.

USFW reviewer for salamander listing 2013

External evaluation for promotion and tenure – Merrimack College 2012

Co-Organized the *EuryceAlliance* conference at Texas State University – 25 attendees and 11 talks, 2012, 2014, 2016

Co –chair (with Dr. Aspbury) of Symposium on Geographic Variation in Behavior for the joint meeting of the Animal Behavior Society and the International Ethological Conference (IEC) 2011

Co-Organized the *EuryceAlliance* conference at Texas State University – 30 attendees and 12 talks, 2011.

Organized the Texas Poeciliid Biologist Conference at Texas State University – 43 attendees and 18 talks, 2009.

EXTERNAL GRANT REVIEWER

NSF- DOB/IOS Grant Panel Reviewer 2005, 2011, 2017

NSF – IOS DDIG Grant Panel Reviewer 2014, 2016

Animal Behavior Society grants 2012, 2017, 2018

Lewis and Clark grants (APLS) 2012, 2013, 2015

NSF Grant Proposal Reviews x 18 - 2002-2018

NSF-GRFP panel reviewer 2010, 2011

Jeffress Grant Foundation 2010

Austrian Science Fund (FWF) the Austrian equivalent to NSF x1 2004 & final Report 2006

JOURNALS (52 JOURNALS, MOST MULTIPLE TIMES)

Acta Ethologica, Amphibia-Reptilia, Animal Behaviour, Animal Cognition,

American Naturalist, Behaviour, Behavioral Ecology, Behavioral Ecology and

Sociobiology, Behavioral Processes, Biological Journal of the Linnaean Society, Chemosphere, Comparative Biochemistry and Physiology, Conservation Physiology, Copeia, Current Zoology, Diversity, Ethology, Environmental Biology of Fish, Ethology, EcoHealth, Ecology and Evolution, Environmental Pollution, Evolution, Evolutionary Ecology, Freshwater Biology, Frontiers in Biology, Functional Ecology, General and Comparative Endocrinology, Herpetologica, Herpetological Review, Hormones and Behavior, Integrative and Comparative Biology, International Journal of Zoology, Journal of Animal Ecology, Journal of Environmental Biology, Journal of Ethology, Journal of Fish Biology, Journal of Herpetology, Methods in Ecology and Evolution, Naturwissenschaften, Parasitology, PeerJ, PlosONE, Proceedings of the National Academy of Science, Physiology and Behavior, Proceedings of the Royal Society of London, Scientific Reports – Nature, Series B Biological Science, Southwest American Naturalist, Zoo Biology

TEXTBOOK AND LAB MANUAL REVIEWS

Reviewer for W.H. Freeman, *How Life Works* 2013, 2104, 2015, 2017, 2018

Reviewer Freeman *Biological Sciences* 2008, 2011, 2015, 2017

Pearson Mastering Biology Reviewer 2009, 2010, 2012, 2013, 2014

TEExES exam question writer 2007-2010, 2012, 2013, 2014

Reviewed for Freeman *Biological Sciences* 2008, 2011

Review of *Biology Brooker/Biology* by McGraw Hill – spring 2006, fall 2007, 2008, 2009

Reviewed *A Short Guide to Writing about Biology* 2006

Pearson 2005 *Investigative Biology*

Animal Behavior Textbook for Prentice Hall-Pearson Education 2004

Applications in Biological Science Laboratory Lab Manual, Tarrant & Besaw for Thomson Learning 2001

Investigative Biology Lab Manual, Morgan & Carter for Benjamin Cummings 2000

PROFESSIONAL AFFILIATIONS

Animal Behavior Society

Sigma Xi, The Scientific Research Society

Society for Integrative and Comparative Biology

Texas Herpetology Society