

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	

C. UNIVERSITY EXPERIENCE

Position	University	Dates
Professor	Texas State University, San Marcos	2012-present
Associate Professor	Texas State University, San Marcos	2005-2012
Assistant Professor	Texas State University, San Marcos	2000-2005
Postdoctoral Research Lecturer	University of Texas, Austin	1999-2000
NSF Postdoctoral Fellow	University of Texas, Austin	1997-1999
Teaching Assistant	University of Louisiana, Lafayette	1991-1993

D. PROFESSIONAL EXPERIENCE

Position	University	Dates
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; Spring 2003, 2005, 2008, 2010, 2011, 2012, 2013, 2014. Department of Biology, Texas State University. Undergraduate course

BEHAVIORAL ENDOCRINOLOGY, SUMMER 2013, 2015. Graduate/undergrad course, Mountain Lake Biological Station

EVOLUTIONARY ECOLOGY, Fall 2012, 2010, 2006, 2004. Department of Biology, Texas State University. Graduate course.

ANIMAL BEHAVIOR, Spring 2004, Fall 2005. Department of Biology, Texas State University. Undergraduate course.

POPULATION BIOLOGY SEMINAR, FALL 2009, 2015. Department of Biology, Texas State University.

GRADUATE SEMINAR, Fall 2003, 2006: Spring 2003, 2004, 2008, 2010, 2015. Department of Biology, Texas State University. Graduate course on Behavioral Ecology with a different focus each semester.

BEHAVIORAL ECOLOGY, Spring 2002, 2006; Fall 2003. Department of Biology, Texas State University. Graduate course.

UNDERGRADUATE INDEPENDENT RESEARCH, 2000 – present, Department of Biology, Texas State University.

THESIS/DISSERTATION COMMITTEES

Advisor:

1. Cory Groff (Fall 2015 – present) PhD
2. Zachery Forsburg (Fall 2015 – present) PhD
3. Megan Mondelli (Spring 2014- present) - MS
4. Son Young Kim (Fall 2012- present) – PhD, advanced to candidacy
 - Sigma Xi GIAR (2013)
 - Outstanding IA award
5. Chelsea Blake (Fall 2011- present) – PhD, advanced to candidacy
 - NSF GRFP 2013-2017 \$132,000
 - Best Biology Colloquium Poster 2012
 - Howard McCarley Student Research Award (Southwestern Association of Naturalists) 2012
6. 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*
7. Sophia DeColo (2011-2014)- MS title: Effects of turbidity on mate choice behavior in the fountain darter
8. 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

9. 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
10. 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
11. 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
12. 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
13. 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
14. Celeste Espinedo (2006 –2008) –MS Thesis title: The degree of reproductive isolation in *Gambusia affinis* and *Gambusia geiseri*.
 - Durrenberger Scholarship 2007
15. Rosie Gonzalez (2004-2007) – MS Thesis title: Male mate choice in relation to female and male size in *Poecilia latipinna*. Physicians Assistant Program.

16. 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
17. 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
18. 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:

- 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

- Dominique Brasel – (2016 – present)
- Connor Tremallo – (2015 – present)
- Alejondro Morales (2015)
- Austin Heitmann (2015)
- Christian Chavera (2015-present)
- Collin Garoutte (2014- present)
 - Francis Rose Award (2014)
 - REU stipend (2014)
 - SURF award (2104)
- Jose Reyes (2013-present)
 - 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 2013
 - Francis Rose Undergraduate research award 2013
 - REU stipend
- Kristyn Cunningham (2012-present)
 - 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) – MS 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) – 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

EVOLUTION AND ECOLOGY (Undergraduate), University of Louisiana

- Darwin's theory of sexual selection. 1997
 - Theories of mate choice: why females tend to be choosy about sexual partners. 1997.
 - Why human females are more coy and human males more aggressive: parental investment theory. 1996
 - Sequential mating by females and sexual strategies. 1994
 - Intraspecific competition and territoriality. 1992
- EVOLUTIONARY ECOLOGY (graduate), University of Southwestern Louisiana
- Sexual selection: pre-existing biases and sensory drive. 1996
 - Sexual selection: theories of Darwin, Fisher, Zahavi, and Maynard Smith. 1994, 1996
- BEHAVIORAL ECOLOGY (graduate), University of Southwestern Louisiana
- Sperm Competition. 1993

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

1. CA Blake & CR Gabor. Provisionally accepted. Novel predator recognition and behavioural correlations across contexts. *Journal of Fish Biology*

2. **CR Gabor**, K. Zabierek, D. Kim, L. Alberici da Barbiano, M. Mondelli, N. Bendik, & D. Davis. 2016. A non-invasive water-borne assay of stress hormones in aquatic salamanders. *Copeia*
3. S Decolo, AS Aspbury, K Ostrand, **CR Gabor**. 2016. Male - male interactions and their influence on the mating behavior and success in the fountain darter, *Etheostoma fonticola*. *Acta Ethologica*
4. LJ Swanbrow Becker, **CR Gabor**, KG Ostrand, & EM Brooks. 2016. Turbidity impairs foraging behavior in the endangered fountain darter (*Etheostoma fonticola*). *American Midland Naturalist*. 175: 55-63.
5. **CR Gabor**, M Fisher, J Bosch. 2015. Elevated corticosterone levels and changes in amphibian behavior are associated with *Batrachochytrium dendrobatidis* (*Bd*) infection and *Bd* lineage. *Plos One* 10(4): e0122685
6. DR Davis & **CR Gabor**. 2015. Behavioral and physiological antipredator responses of the San Marcos salamander, *Eurycea nana*. *Physiology and Behavior* 139:145-149.
7. CA Blake, L Alberici da Barbiano, JE Guenther & **CR Gabor**. 2015. Recognition and response to native and novel predators in the Largespring mosquitofish, *Gambusia geiseri*. *Ethology online* DOI: 10.1111/eth.12331
8. A Reedy, A Edwards, C Pendlebury, L. Murdaugh, R. Avery, J. Seidenberg, A Aspbury, **C Gabor**. 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 physiology* 208:57-63.
9. D. Kim, J. Waller, AS Aspbury, **CR Gabor**. 2014. Mating preferences of the gynogenetic Amazon molly differ between populations sympatric with different host species. *Ethology* 120:1053-1061.
10. C Blake & **CR Gabor**. 2014. Effect of prey personality depends on predator species. *Behavioral Ecology* 25: 871-877.
11. Muraco, JJ, AS Aspbury, **CR Gabor**. 2014. Does male behavioral type correlate with species recognition and stress hormones in a unisexual-bisexual mating complex? *Behavioral Ecology* 25: 200-205. doi: 10.1093/beheco/art106
12. Alberici da Barbiano, L., *R Robinson, M Tobler, A Aspbury & **C. R. Gabor**. 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.
13. Alberici da Barbiano, L., Z. Gompert, A.S. Aspbury, **CR Gabor** & C.C. Nice. 2013. Population genomics reveals a possible history of backcrossing and recombination in the gynogenetic fish *Poecilia formosa*. *PNAS* 110: 13797-13802.
 A. San Marcos Record: <http://www.sanmarcosrecord.com/content/txst-researchers-uncover-genetic-diversity-clonal-fish>
14. **Gabor, CR**, A.S. Aspbury & R. L. Rodríguez. 2013. Geographic variation in behaviour: An introduction. *Evolutionary Ecology Research* 15:601-604.
15. **Gabor, CR**, L. Alberici da Barbiano & A.S. Aspbury. 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

16. *DeSantis, D.L., D.R. Davis & **C. R. Gabor**. 2013. Chemically mediated predator avoidance in the Barton Springs salamander. *Herpetologica* 69:291-297.
17. **Gabor, C. R.**, J. Bosch, J. Fries & D. Davis. 2013 A non-invasive water-borne hormone assay for amphibians. *Amphibia-Reptilia* 34:151-162.
18. **Gabor, C. R.**, M. Fisher, J. Bosch. 2013. A non-invasive stress assay shows that tadpole populations infected with *Batrachochytrium dendrobatidis* have elevated corticosterone levels. [PLOSone 8, e56054](#)
19. Alberici da Barbiano, L., *L. Rangel, A.S. Aspbury & **C. R. Gabor**. 2012. Male permissiveness in a unisexual-bisexual mating complex promotes maintenance of a vertebrate unisexual sperm-dependent species. *Behaviour* 149:869-879.
20. Davis, D., K. Epp & **C. R. Gabor**. 2012. Predator generalization decreases the effect of introduced predators in the San Marcos salamander, *Eurycea nana*. *Ethology* 118:119-1197.
21. Swanbrow Becker, L. & **C. R. Gabor**. 2012. Effects of turbidity and visual versus chemical cues on anti-predator response in the endangered fountain darter (*Etheostoma fonticola*). *Ethology* 118:994-1000.
22. Sandkam, B., J.B. Joy, C.T. Watson, *P. Gonzalez-Bendiksen, **C. R. Gabor** & F. Breden. 2012. 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.
23. **Gabor, C. R.** & *A. Contreras. 2012. Measuring water-borne cortisol in sailfin mollies: is the process stressful, can stress levels be minimized and is cortisol correlated with sex steroids? *Journal of Fish Biology* 81:1327-1339
24. **Gabor, C. R.**, A.S. Aspbury, J. Ma & C. Nice. 2012. The role of androgens in sperm production and species recognition in Atlantic mollies (*Poecilia mexicana*). *Physiology & Behavior*. 105:885-892.
25. Swanbrow Becker, L., A. S. Aspbury & **C. R. Gabor**. 2012. Body size dependent male sexual behavior in a natural population of sailfin mollies (*Poecilia latipinna*). *American Midland Naturalist* 167:366-372.
26. Robinson, D., *T. Konkin-Garcia, *C. M. Espinedo, **C. R. Gabor** & A. Aspbury. 2011. Seasonal effects on female fecundity and male sperm availability in a thermal stable temperate population of sailfin mollies (*Poecilia latipinna*). *American Midland Naturalist*. 166:394-403
27. **Gabor, C. R.**, *M. Parmley, & A. S. Aspbury. 2011. Repeatability of female preferences in a unisexual-bisexual mating system. *Evolutionary Ecology Research* 13:145-157.
28. Alberici da Barbiano, L., A. S. Aspbury, C. Nice, **C. R. Gabor**. 2011. The impact of social context on male mate preference in a unisexual-bisexual mating complex. *Journal of Fish Biology* 79:194-204.
29. Alberici da Barbiano, L., J. Waller, & **C. R. Gabor**. 2010. Differences in competitive efficiency between a sexual parasite and its host may explain the maintenance of a sperm-dependent vertebrate species. *Journal of Freshwater Ecology* 25:523-530.
30. Thaker, M., JN Fries, KJ Epp, & **C. R. Gabor**. 2010. Cohabitation patterns of the San Marcos salamander (*Eurycea nana*). *Amphibia-Reptilia* 31:503-508.

31. **Gabor, C. R.** & M. S. Grober. 2010. The role of male and female androgen in species recognition in a unisexual-bisexual mating complex. *Hormones and Behavior* 57:427-433.
 32. **Gabor, C. R.**, Gonzalez, R., *Parmley, M. & Aspbury, A. S. 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
 33. Espinedo, C., **C. R. Gabor**, & Aspbury, A. S. 2010. Males, but not females, contribute to sexual isolation between two sympatric species of *Gambusia*. *Evolutionary Ecology* 24:865-878.
 34. Epp, K. J., R. Gonzales & **C. R. Gabor**. 2010. The role of water-borne chemical cues in mediating social interactions of the Texas blind salamander, *Eurycea rathbuni*. *Amphibia-Reptilia* 31: 294-298
 35. Aspbury, A. S., J. M Coyle, & **C. R. Gabor**. 2010. Effect of predation on male mating behavior in a unisexual-bisexual mating system. *Behaviour* 147:53-63.
 36. Aspbury, A. S., C. Espinedo, & **C. R. Gabor**. 2010. Lack of species discrimination based on chemical cues by male sailfin mollies, *Poecilia latipinna*. *Evolutionary Ecology* 24:69-82.
 37. Lucas, L. K., Fries, J. N., **Gabor, C. R.**, & Nice, C. C. 2009. Genetic variation and structure in *Eurycea nana*, a federally threatened salamander endemic to the San Marcos Springs. *Journal of Herpetology* 43:220-227.
 38. **Gabor, C. R.**, & A. S. Aspbury. 2008. Non-repeatable mate choice by male sailfin mollies, *Poecilia latipinna*, in a unisexual-bisexual mating complex. *Behavioral Ecology* 19: 871-878.
 39. Epp, K. J. & **C. R. Gabor**. 2008. Innate and learned predator avoidance mediated by chemical cues in *Eurycea nana*. *Ethology* 114:607-615.
 40. Robinson, D.M., A. S. Aspbury, & **C. R. Gabor**. 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.
 41. Thaker, M., **C. R. Gabor**, & J. N. Fries. 2006. Sensory cues and association in San Marcos salamanders. *Herpetologica* 62:151-155.
 42. Gumm, J. M., *R. Gonzalez, A. S. Aspbury & **C. R. Gabor**. 2006. Do I know you? Species recognition in a unisexual-bisexual species complex of mollies. *Ethology* 112:448-457.
 43. Gumm, J. M., & **C. R. Gabor**. 2005. Asexuals looking for sex: Conflict between species and mate-quality recognition in sailfin mollies. *Behavioral Ecology and Sociobiology* 58: 558-565.
 44. **Gabor, C. R.**, M. J. Ryan, & D. C. Morizot. 2005. Character displacement in sailfin mollies, *Poecilia latipinna*: allozymes, behavior, and morphology. *Environmental Biology of Fishes* 73: 75-88.
 45. Aspbury, A. S., & **C. R. Gabor**. 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)**

46. **Gabor, C. R.**, & C. C. Nice. 2004. Genetic variation among populations of Eastern Newts, *Notophthalmus viridescens*: A preliminary analysis based on allozymes. *Herpetologica* 60:373-386.
 47. Aspbury, A. S. & **C. R. Gabor**. 2004. Differential sperm priming by male sailfin mollies: Effects of female and male size. *Ethology* 110: 193-202.
 48. **Gabor, C. R.**, & R. Page*. 2003. Female preference for large males in sailfin mollies, *Poecilia latipinna*: the importance of predation pressures and reproductive status. *Acta Ethologica* 6:7-12.
 49. **Gabor, C. R.** & M. J. Ryan. 2001. Geographical variation in reproductive character displacement in mate choice by male sailfin mollies. *Proceedings of the Royal Society of London: Series B, Biological Sciences* 268:1063-1070.
 50. **Gabor, C. R.**, J. Krenz, & R. Jaeger. 2000. Female choice, male interference, and sperm precedence in the red-spotted newt. *Behavioral Ecology* 11:115-124.
 51. **Gabor, C. R.** & R. G. Jaeger. 1999. When salamanders misrepresent threat signals. *Copeia* 1999:1123-1126.
 52. **Gabor, C. R.** 1999. Association patterns of sailfin mollies (*Poecilia latipinna*): alternative hypotheses. *Behavioral Ecology and Sociobiology* 46:333-340.
 - A. <http://www.iflscience.com/brain/sciences-worst-proofreading-error>
 - B. <http://www.nature.com/news/unusual-reference-attracts-notoriety-1.16364>
 53. Jaeger, R. G., **C. R. Gabor**, & H. M. Wilbur. 1998. An assemblage of salamanders in the southern Appalachian mountains: competitive and predatory behavior. *Behaviour* 135: 795-821
 54. **Gabor, C. R.** & T. R. Halliday. 1997. Sequential mate choice by smooth newts: females become more choosy. *Behavioral Ecology* 8:162-166.
(FEATURED IN: *BBC Wildlife* 1997. Crestfallen newts. (15, no 12, 59))
 55. **Gabor, C. R.** 1996. Differential kin discrimination by red-spotted newts (*Notophthalmus viridescens*) and smooth newts (*Triturus v. vulgaris*). *Ethology* 102:649-659.
FEATURED IN: *Nature Australia* 1998. Newtritious eggs? (25, no. 12, 14-15); *BBC Wildlife* 1997. Kin recognition. (15, no 2, 18).
 56. **Gabor, C. R.** 1995. Correlational test of Mathis' hypothesis that bigger salamanders have better territories. *Copeia* 1995:729-735.
 57. **Gabor, C. R.** & R. G. Jaeger. 1995. Resource quality affects the agonistic behaviour of territorial salamanders. *Animal Behaviour* 49:71-79.
 58. Jaeger, R. G. & **C. R. Gabor**. 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. 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)

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

PAPERS IN REVIEW OR IN REVISION

K Zabierek & **CR Gabor**. Multimodal communication and the effects of turbidity on the antipredator behavior of the Barton Springs salamander, *Eurycea sosorum*. *Behaviour*

DR Davis, DL DeSantis, **CR Gabor**. Antipredator behavior of the Barton Springs salamander (*Eurycea sosorum*) in response to aquatic invertebrates *Herpetologica*

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

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

2016

- 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
- 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
- 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.
- N Bendik, Davis, DR, Zabierek, K & **CR Gabor**. The effects of urbanization on physiological stress of Jollyville Plateau salamanders, *Eurycea tonkawae*.
- 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*
- CR Gabor**, M. Fisher, J. Bosch A non-invasive stress assay shows that diseased tadpole populations have elevated corticosterone. *EuryceAlliance*
- DL DeSantis, DR Davis, & **CR Gabor** Chemically mediated predator avoidance in the Barton Springs salamander, *Eurycea sosorum*. *EuryceAlliance*
- 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*).
- 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 CONFERENCE

‡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 CONFERENCE

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. JMIH 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 CONFERENCE.

‡JJ. Muraco & **CR Gabor**. Maintenance of a Unisexual-Bisexual Mating Complex: Importance of Behavioral Syndromes. TEXAS ACADEMY OF SCIENCES CONFERENCE.

‡D. Davis & **CR Gabor** Phylogenetic generalization of predators by the San Marcos salamander, *Eurycea nana*. TEXAS ACADEMY OF SCIENCES CONFERENCE.

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, TEXAS STATE 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. 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 CONFERENCE.
- CR Gabor**, ‡J. Ma, & AS Aspbury. Androgen response in a unisexual-bisexual mating complex. ANIMAL BEHAVIOR SOCIETY CONFERENCE.
- *LI Rangel, **CR Gabor**, & AS Aspbury. Permissiveness of males in a unisexual-bisexual mating complex. ANIMAL BEHAVIOR SOCIETY CONFERENCE.
- ‡J. Ma, AS Aspbury, & **CR Gabor**. Sperm priming, 11-ketotestosterone, and male mate preference in *Poecilia mexicana*. ANIMAL BEHAVIOR SOCIETY CONFERENCE.

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 Conference
- AS Aspbury, *JM Coyle, & **CR Gabor**. Effect of predation on male mating behavior in a unisexual-bisexual mating system. Animal Behavior Society Conference
- CR Gabor** & M Grober. The interaction of male and female androgens in male mate preference in a unisexual-bisexual mating complex. Animal Behavior Society Conference

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.

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, Annual Meeting 2007

‡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 Conference

‡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. Internationals 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 Annual Meeting

*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, 2016,	\$4,000
2015 Faculty Research Enhancement Grant,	\$7596
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,	\$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 , Project Officer Joe Fries with CO-PIs Gabor and Nice	\$25,000
“Genetics of San Marcos salamanders produced in captivity”	
2004 Faculty Research Enhancement Grant , Gabor PI	\$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 , Gabor PI	\$8,100
Supplemental grant for High School Teachers – Matt Holmes	
2001 – 2004 THECB, Advanced Research Program , Gabor PI	\$78,895
Grant # 003615-0004-2001 “Species recognition versus mate quality recognition by sailfin molly males”	
2001 Faculty Research Enhancement Grant , Gabor PI	\$7,000
“Testing pre-existing bias theory: female mate choice for novel male traits”	
1997 - 1999 NSF Postdoctoral Research Fellowship, Gabor PI	\$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

U.S. Department of the Interior, Fish and Wildlife Service , 2015	\$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>	

AWARDS AND HONORS

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

- AVPRF job search committee – 2015 - present
- IACUC committee 2013- present
- College of Science Scholarships (graduate and undergraduate) Committee – Chair 2011, 2012, 2013, 2014
- Reviewer for SURF grants 2012, 2013, 2014
- Undergraduate recruitment life sciences panel 2014
- Discussion for the Philosophical Dialogue series Texas State University, 2012
- College of Science Graduate Scholarships Committee- Chair 2010
- 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

- Organismal Physiologist job search 2015- present
- Chair Strategic Plan committee – 2015-present
- PC Chair 2012- present
- Created and chair Outstanding IA award 2011- present
- Co-coordinator of Biology Student Colloquium 2006-2013
-Chair Colloquium 2010
- Reviewer Francis Rose Award (2014-present)
- Schulze Award Committee 2005-present
- Seminar Committee 2014- present
- Chair Francis Rose Undergraduate Award for Excellence in Biological Research committee– started, organize and run this award 2003-2013
- Chair Seminar committee 2001 - 2014
- Chair Undergrad committee 2005- present
- Promotion and Tenure Tracking Committee 2006-2014
- Undergraduate Research Committee 2006-present
- Faculty Recognition Committee 2009- present
- Set up and maintain Facebook page for Biology Department students 2010-present

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

Coordinate and initiated the Evolution, Ecology, and Behavior (EEB) journal club
2000-present

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

Maintain Seminar website 2004-2014

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

New Tracking committee 2011

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

Chair creation of Departmental Logo 2010

Research Enhancement Proposal Representative- Department of Biology 2009

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

IA committee 2005

Graduate committee 2005

Created and maintain Undergraduate Research Website 2007 –present:

<http://www.bio.txstate.edu/~egabor/Undergradresearch.html>

Recruited and hosted (2 days) a nationally recognized research scientist Michele Johnson, Trinity University, for departmental seminar series (fall 2015).

Recruited and hosted (2 days) a nationally recognized research scientist Susan Walls visit, USGS for departmental seminar series (fall 2015).

Recruited and hosted (2 days) a nationally recognized research scientist Susan Foster visit, Clark University, for departmental seminar series (spring 2015).

Recruited and hosted (2 days) a nationally recognized research scientist Marta Wayne visit, University of Florida, for departmental seminar series (spring 2014).

Recruited and hosted (2 days) a nationally recognized research scientist Jennifer Gumm, Stephen F. Austin for departmental seminar series (spring 2014).

Recruited and hosted (3 days) a nationally recognized research scientist Dr. Sarah Woodley, Univ. of Duquensqe, for the department's seminar series (fall 2013)

Recruited and hosted (3 days) a nationally recognized research scientist Dr. Jonathan Pruitt, University of Pittsburg, for the department's seminar series (fall 2013)

Recruited and hosted (3 days) a nationally recognized research scientist Dr. Rebecca Calisi, UC Berkeley, for the department's seminar series (spring 2013)

Recruited and hosted (3 days) a nationally recognized research scientist Dr. Alison Bell, University of Illinois, Champaign-Urbana, for the department's seminar series (spring 2012)

Recruited and hosted (1 day) a nationally recognized research scientist Dr. Peter Dijkstra, University of Texas- Austin, for the department's seminar series (fall 2011)

Recruited and hosted (2 days) a nationally recognized research scientist Dr. Joan Strassman, Rice University, for the department's seminar series (spring 2011)

- Recruited and hosted (4 days) a nationally recognized research scientist Dr. Jaime Zuniga Vega, University of Mexico National, for the department's seminar series (spring 2011)
- Recruited and hosted a nationally recognized research scientist, Dr. Hans Hofmann, University of Texas, Austin for the department's seminar series (fall 2010)
- Recruited and hosted (3 days) a nationally recognized research scientist, Dr. Ryan Earley, University of Alabama, Tuscaloosa for the department's seminar series (spring 2009)
- Recruited and hosted (3 days) a nationally recognized research scientist, Dr. Andre Fernandez, MD Anderson Cancer Research Center for the department's seminar series (spring 2009)
- Recruited and hosted (3 days) a nationally recognized research scientist, Dr. Andy Sih, University of California, Davis for the department's seminar series (fall 2007)
- Recruited and hosted (3 days) a nationally recognized research scientist, Dr. Sue Bertram, Carlton University, Canada for the department's seminar series (fall 2007)
- Recruited and hosted Dr. Andrew Gluesenkamp, Zara Environmental for the department's seminar series (fall 2007)
- Recruited and hosted Dr. Tara Maginnis, from St. Edwards University for the department's seminar series (spring 2007)
- Recruited and hosted a nationally recognized research scientist, Dr. Gil Rosenthal, from Texas A& M for the department's seminar series (fall 2006)
- Recruited and hosted (3 days) a nationally recognized research scientist, Dr. Peter Bednekoff, from Eastern Michigan University for the department's seminar series (spring 2006)
- Recruited and hosted a nationally recognized research scientist, Dr. Adam Jones, from Texas A& M for the department's seminar series (fall 2005)
- Recruited and hosted (3 days) two maturing scientists Raelynn Deaton and Chad Hargrave from University of Oklahoma for the department's seminar series and for EEB (spring 2005)
- Recruited a nationally recognized research scientist, Dr. Alicia Mathis, University of Southwestern Missouri, for the department's seminar series (fall 2004)
- Recruited a nationally recognized research scientist, Dr. Laurie Dries, University of Texas, Austin, for the department's seminar series (spring 2004)
- Recruited a nationally recognized research scientist, Dr. Romi Burks, Southwestern Univ. for the department's seminar series (spring 2004)
- Recruited and hosted (3 days) a nationally recognized research scientist, Dr. Margaret Ptacek, Clemson University, for the department's seminar series (spring 2003)
- Recruited and hosted (3 days) a nationally recognized research scientist, Dr. Paul Chippindale, UT Arlington, for the department's seminar series (fall 2003)
- Recruited and hosted a nationally recognized postdoctoral scientist, Dr. Molly Cummings, University of Texas, Austin, for the department's seminar series (fall 2002)

Recruited and hosted (3 days) a nationally recognized research scientist, Dr. Robert Jaeger, University of Louisiana, Lafayette, for the department's seminar series (spring 2001)
Recruited and hosted a nationally recognized postdoctoral scientist, Dr. Karin Pfennig, University of Texas, for the department's seminar series (fall 2001)
Recruited and hosted a nationally recognized postdoctoral scientist, Dr. Ingo Schlupp, University of Texas, for the department's seminar series (fall 2001)
Recruited and hosted a nationally recognized research scientist, Dr. Mike Ryan, University of Texas, for the department's seminar series (fall 2001)
Mentor for Margeaux Salas, a Freshman Biology Major (2000)

COMMUNITY

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

Presenter at Barton Springs University (2015)
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.
Associate Editor for *Behavioral Ecology and Sociobiology* (*IF*=2.91) 2005-present

Associate Editor for *Amphibia-Reptilia* (IF= 1.02) 2009-present
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
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 – IOS DDIG Grant Panel Reviewer 2014
Lewis and Clark grants (APLS) 2012, 2013, 2015
Animal Behavior Society grants 2012
NSF- IOS Grant Panel Reviewer 2011
NSF Grant Proposal Reviews – 13 2002-2010
NSF-GRFP panel reviewer 2010, 2011
Jeffress Grant Foundation 2010
Austrian Science Fund (FWF) the Austrian equivalent to NSF x1 2004 & final Report 2006
NSF - DOB, Panel Reviewer 2005

JOURNAL REVIEWER

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, Copeia, Current Zoology, Ethology, Ecology, and Evolution, Evolution, Evolutionary Ecology, Freshwater Biology, Functional Ecology, Herpetologica, International Journal of Zoology, Journal of Environmental Biology, Journal of Ethology, Journal of Fish Biology, Journal of Herpetology, Hormones and Behavior, Naturwissenschaften, PlosONE, Proceedings of the National Academy of Science, Physiology and Behavior, Proceedings of the Royal Society of London, Series B Biological Science, Southwest American Naturalist, Zoo Biology

TEXTBOOK AND LAB MANUAL REVIEWS

Pearson Mastering Biology Reviewer 2009, 2010, 2012, 2013, 2014
TEXES exam question writer 2007-2010, 2012, 2013, 2014
Reviewer for W.H. Freeman, *How Life Works* 2013, 2104, 2015
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
International Society for Behavioral Ecology
Sigma Xi, The Scientific Research Society