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EDUCATION

Ph.D. Biology, City University of New York, September 2016
Advisor: Dr. Frank T. Burbrink
B.S. Zoology, Washington State University, 2009

APPOINTMENTS

2016- Gerstner Scholar and Theodore Roosevelt Postdoctoral Fellow, American Museum of Natural History, Department of Herpetology

FELLOWSHIPS AND GRANTS

Fellowships

2016 Gerstner Scholar and Theodore Roosevelt Postdoctoral Fellowship, AMNH
2014 Dissertation Writing Fellowship, CUNY Graduate Center

Research Grants

2015	Doctoral Student Research Grant, CUNY Graduate Center	\$1288
2015	NSF Doctoral Dissertation Improvement Grant	\$16226
2014	Exploration Fund Grant, The Explorer's Club	\$1500
2013	Theodore Roosevelt Memorial Fund, American Museum of Natural History	\$2975
2012	Young Explorers Grant, National Geographic Society	\$4345
2012	Systematics Research Fund, The Systematics Association/Linnean Society	\$1865
2012	Doctoral Student Research Grant, CUNY Graduate Center	\$860
2011	Graduate Student Research Award, Society for Systematic Biologists	\$1477
2011	The Lewis and Clark Fund, American Philosophical Society	\$1700
2011	Theodore Roosevelt Memorial Fund, American Museum of Natural History	\$1477
2009	Society for Northwest Vertebrate Biology Student Scholarship	\$1000
2009	WSU Undergraduate Student Research Support in Zoology	\$1000

Travel Awards

2015	NSF-SSB funded workshop: <i>Model-based Molecular Systematics</i>	\$1750
2014	Travel costs to attend ' <i>PHRAPL Workshop</i> ' held at the Ohio State University	
2011	AGA Student Award, American Genetic Association	\$400
2011	Travel costs to attend ' <i>Evolutionary Genomics of Non-Model Species: Next Generation Sequencing, Data Management, & Hypothesis Testing</i> ', NSF and American Genetic Association	

PUBLICATIONS

15. Burbrink, F.T., Chan, Y., **Myers, E.A.**, Ruane, S., Smith, B.T., & Hickerson, M.J. 2016. Asynchronous demographic responses to Eastern Nearctic Pleistocene climate changes in vertebrate communities. *Ecology Letters*.
14. **Myers, E. A.**, M. J. Hickerson, and F. T. Burbrink. 2016. Asynchronous diversification of snakes in the North American warm deserts. *Journal of Biogeography*.
13. Guo, P., Liu, Q., Zhu, F., Zhong, G., Chen, X., **Myers, E. A.**, Zhang, L., Ziegler, T., Nguyen, T., & Burbrink, F. T. 2016. Complex longitudinal diversification across South China and Vietnam in Stejneger's pit viper, *Viridovipera stejnegeri* (Schmidt, 1925)(Reptilia: Serpentes: Viperidae). *Molecular Ecology*, 25: 2920-2936.
12. Burbrink, F. T., Pyron, R. A., McKelvy, A. D., & **Myers, E. A.** 2015. Predicting community structure in snakes on Eastern Nearctic islands using ecological neutral theory and phylogenetic methods. *Proceedings of the Royal Society of London B*, 282.
11. Oliveira, E., Gehara, M., São-Pedro, V., Chen, X., **Myers, E. A.**, Burbrink, F. T., Mesquita, D., Garda, A., Colli, G., Rodrigues, M., Arias, F., Zaher, H., Santos, R., & Costa, G. 2015. Speciation with gene flow in whiptail lizards from a Neotropical xeric biome. *Molecular Ecology*, 24: 5957-5975.
10. Burbrink, F. T. & **Myers, E. A.** 2015. Both traits and phylogenetic history influence community structure in snakes over steep environmental gradients. *Ecography*, 38: 1036–1048.
9. Burbrink, F. T. & **Myers, E. A.** 2014. Body size distributions at community, regional or taxonomic scales do not predict the direction of trait-driven diversification in snakes in the United States. *Global Ecology and Biogeography*, 23: 490-503.
8. Chen, X., Jiang, K., Guo, P., Huang, S., Rao, D., Ding, L., Takeuchi, H., Che, J., Zhang, Y., **Myers, E. A.**, & Burbrink, F. T. 2014. Assessing species boundaries and the phylogenetic position of the rare Szechwan ratsnake, *Euprepiophis perlaceus* (Serpentes: Colubridae), using coalescent-based methods. *Molecular Phylogenetics and Evolution*, 70: 130-136.
7. **Myers, E. A.**, Rodríguez-Robles, J. A., DeNardo, D. F., Staub, R. E., Stropoli, A., Ruane, S., & Burbrink, F. T. 2013. Multilocus phylogeographic assessment of the California Mountain Kingsnake (*Lampropeltis zonata*) suggests alternative patterns of diversification for the California Floristic Province. *Molecular Ecology*, 22: 5418–5429.
6. **Myers, E. A.**, Weaver, R. E., & Alamillo, H. 2013. Population Stability of the Northern Desert Nightsnake (*Hypsiglena chlorophaea deserticola*) during the Pleistocene. *Journal of Herpetology*, 47: 432-439.

5. Guo, P., Liu, Q., **Myers, E. A.**, Liu, S., Xu, Y., Liu, Y., and Wang, Y. 2013. Evaluation of the validity of the ratsnake subspecies *Elaphe carinata degenensis* (Serpent: Colubridae). *Asian Herpetological Research*, 3: 219-226.
4. Burbrink, F. T., Chen, X., **Myers, E. A.**, Brandley, M. C., & Pyron, R. A. 2012. Evidence for Determinism in Species Diversification and Contingency in Phenotypic Evolution During Adaptive Radiation. *Proceedings of the Royal Society of London B*, 279: 4817-4826.
3. **Myers, E. A.** & Burbrink, F. T. 2012. Ecological Opportunity: Trigger of Adaptive Radiation. *Nature Education Knowledge*, 3: 23.
2. Xu, Y., Liu, Q., **Myers, E. A.**, Wang, L., Huang, S., He, Y., Peng, R., & Guo, P. 2012. Molecular phylogeny of the genus *Gloydus* (Serpentes: Crotalinae). *Asian Herpetological Research*, 3: 127-132.
1. Liu, Q., **Myers, E. A.**, Zhong, G. H., Hu, J., & Guo, P. 2012. Molecular evidence on the systematic position of a newly described lance-headed pitviper *Protobothrops maolanensis* Yang *et al.*, 2011. *Zootaxa*, 3178: 57-62.

TEACHING EXPERIENCE

Instructor of Record

- 2012 – 2016 General Biology I Laboratory, College of Staten Island, New York, NY.
 2016 General Biology II Laboratory, College of Staten Island, New York, NY.
 2014 – 2015 Vertebrate Zoology, College of Staten Island, New York, NY.
 2012, 2015 Principles of Biology I Laboratory, College of Staten Island, New York, NY.
 2011 Principles of Biology, College of Staten Island, New York, NY.

Instructor

- 2014 – 2015 Summer Science Camp, Black Rock Forest Consortium, Cornwall, NY.
 2013 Genética de Populações e Filogeografia (Population Genetics and Phylogeography)- Universidade Federal do Rio Grande do Norte, Natal, Brazil.

Guest Lecturer

- 2014 Evolution, College of Staten Island (Instructor: Dr. Frank T. Burbrink)

Mentored Students

- 2016 Yeasha Rahman (High school student, SRMP – AMNH)
 2016 Skakel McCooley (High school student, SRMP – AMNH)
 2015 Peter Mikhail (Undergraduate, College of Staten Island)
 2015 Alicia Seecoomar (Undergraduate, College of Staten Island)
 2015 Mays Jumah (Undergraduate, College of Staten Island)
 2014 Sara Yuen (High school student, Baruch High School – mentored at AMNH)
 2014 Kahmun Lo (High school student, Stuyvesant High School – mentored at AMNH)
 2014 Amanda Finnerty (Undergraduate, College of Staten Island)
 2014 – 2015 Anthony Borruso (Undergraduate, College of Staten Island Honors)
 2014 – 2015 Rosalie Zawadzki (Undergraduate, College of Staten Island Honors)

- 2012 – 2013 Alyssa Stropoli (High school student, SI Tech High School – mentored at CSI)
2010 – 2011 Vincent Fragapane (Undergraduate, College of Staten Island)
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PROFESSIONAL SERVICE

Departmental Service

- 2013 Species Delimitation Discussion Group Organizer, College of Staten Island.
2011 Adaptive Radiation Discussion Group Organizer, CUNY Graduate Center.

Journal Referee

Systematic Biology; Molecular Ecology; Evolution; Molecular Phylogenetics and Evolution;
Journal of Biogeography; Herpetologica; Animal Biology

Receiving Editor

- 2011 – 2013 Check List: Journal of species lists and distribution

Society Participation

Society of Systematic Biologists
American Society of Ichthyologists and Herpetologists

RESEARCH PRESENTATIONS

Invited

- 2016 Seminar, Fordham University, New York, NY.
2016 CUNY-GC PhD Program in Biology Mini-Symposium, New York, NY.

Contributed Papers

- 2016 Joint Meeting of Ichthyologists and Herpetologists, New Orleans, LA.
2015 Joint Meeting of Ichthyologists and Herpetologists, Reno, NV.
2015 Evolution meetings, Guarujá, Brazil.
2012 World Congress of Herpetology, Vancouver, Canada.
2011 American Genetics Association Annual Symposium, Guanajuato, Mexico.
2010 Society for Northwestern Vertebrate Biology, Medford, OR.
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NATURAL HISTORY NOTES/UNPUBLISHED WORKS

- Myers, E. A., & Soley-Guardia, M.** 2015. Diet. *Hypsiglena jani* (Texas Nightsnake). *Herpetological Review* 46: 274.
Myers, E. A. 2015. Diet/Attempted Cannibalism and Scavenging. *Crotalus atrox* (Western Diamond-backed Rattlesnake). *Herpetological Review* 46, 268.
Demos, T. C., Agwanda, B., & Myers, E. A. 2013. Diet. *Montatheris hindii*. *Herpetological Review* 44: 524-525.
Myers, E. A., Ruane, S., Knight, K., Knight, J. L., & Ray, J. M. 2013. Distribution Record of *Tantilla alticola* Boulenger, 1903 (Squamata: Colubridae) in Coclé Province, Republic of Panama. *Check List* 9: 151-152.
Myers, E. A., Wedeking, C., & Reilly, J. 2011. Diet, *Lampropeltis zonata*. *Herpetological Review* 42, 615-616.

- Reilly, J., **Myers, E. A.**, Clayton, D. & Nauman, R. S. 2011. Snake Surveys in Jackson, Josephine and Southern Douglas Counties, Oregon. USDI BLM Medford District, Unpublished Report.
- Myers, E. A.**, Maupin, K. A. & Weaver, R. E. 2010. Distribution Record, *Diadophis punctatus*. *Herpetological Review* 41, 379.
- Weaver, R. E., Weaver, K. S., Johnson, T. M., & **Myers, E. A.** 2010. A new record size for the Great Basin nightsnake (*Hypsiglena chlorophaea*). *Northwestern Naturalist* 91: 218-220.