**Curriculum Vitae – Brian Matthew Myers**

**Educational preparation**

* Ph.D. (Evolutionary Biology), San Diego State University and University of California, Riverside, Dr. Kevin Burns, September 2020
* B.S. (Environmental Biology), California Polytechnic State University, Pomona, CA, Dr. Erin Questad, June 2014
* Graduated Cal Poly Pomona Cum Laude, 3.70 GPA
* San Diego State University GPA: 4.00
* University of California, Riverside GPA: 3.65

**Publications**

* Myers, B. M., Questad E.J., Hubbell M.D., and D.J. Moriarty (2019). Trends in bird species richness in the midst of drought. *Western Birds* 50: 74-91.
* Myers, B. M. Rankin, D., Burns, K., and Clark, C. J. (2019). Behavioral and morphological evidence of an Allen’s × Rufous Hummingbird (*Selasphorus sasin* × *S. rufus*) hybrid zone in southern Oregon and northern California. The Auk: Ornithological Advances, doi: [10.1093/auk/ukz049](https://doi.org/10.1093/auk/ukz049).
* Myers, B. M., Fisher, R. N., Preston, K. L., Stokes, D., and A. Vandergast. *In prep*. A bat management plan based on ecological neighborhoods in San Diego County, California.
* Myers, B.M., Clark, C.J., Burns, K.J. *In prep*. Behavioral sequence analysis of Allen’s Hummingbird (*Selasphorus sasin*), Rufous Hummingbird (*Selasphorus rufus*), and their hybrids.
* Myers, B.M., Brelsford, A., Clark, C.J., Burns, K.J. *In prep*. Widespread connectivity and recent evolutionary history within and between the Allen's (*Selasphorus sasin*) and Rufous Hummingbird (*S. rufus*).
* Myers, B. M., Brelsford, A., and K. J. Burns. *In prep*. Recent mainland colonization of non-migratory Allen's Hummingbird (*Selasphorus sasin sedentarius*) reveals no evidence of a founder effect.
* Myers, B. M. *In prep*. Rufous (*Selasphorus rufus*) Hummingbird breeds in northern California.
* Myers, B. M., Questad, E. J., and D. J. Moriarty. *In review*. Bird species responses to drought in two southern California coastal sage scrub communities. Southwestern Naturalist.
* Myers, B. M. *In press*. Courtship behavior and mechanisms of isolation across a hummingbird hybrid zone. Ph.D. Dissertation. San Diego State University and University of California, Riverside.

**Professional employment history**

Biological Technician, Humboldt-Toiyabe National Forest, U.S. Forest Service (2012)

* Part of the ecology crew studying the effects of climate change and grazing on U.S. Forest Service land

Research Fellowship, Managing the Spread of Fire in a Tropical Ecosystem in Hawaii, California Polytechnic State University, Pomona, Dr. Erin Questad (2013-2014)

* Compared the effectiveness of traditional fuel breaks with “greenstrips” planted with fire resistant native species.

Paid Research Internship, Ecology and Conservation of the coastal Cactus Wren, Palos Verdes Peninsula Land Conservancy (2014)

* Monitored the behavior and nesting patterns of the coastal Cactus Wren, a State Species of Special Concern.

Paid Research Internship, United States Geological Survey (2020)

* Developed a bat conservation plan for San Diego County

**Research Grants**

* Los Angeles Audubon Society Schreiber Research Award, 2015
* American Museum of Natural History Frank Chapman Research Award, 2015
* Pasadena Audubon Society, 2016
* American Ornithologists’ Union, 2016
* Cooper Ornithological Society Travel Award, 2016
* UC Riverside Graduate Student Association Travel Award, 2016
* National Science Foundation, Division of Integrative Organismal Systems (working on grant, which funded my dissertation work and future projects), 2016-2020
* Society for Integrative and Comparative Biology, Grant in Aid of Research, 2017
* California Doctoral Incentive Mini Grant, 2017-2018

**Professional Presentations**

* Myers, B. M., Questad E.J., Hubbell M.D., and D.J. Moriarty. 2013. Bird diversity response to the interactive effects of drought, fire, and urbanization. California Polytechnic State University, Pomona, Student Research Symposium.
* Myers, B. M., Questad E.J., Hubbell M.D., and D.J. Moriarty. 2014. Bird diversity response to the interactive effects of drought, fire, and urbanization. California Polytechnic State University, Pomona, Student Research Symposium.
* Myers, B.M., Questad E.J., and S. Brooks. 2014. Managing the spread of fire in a tropical ecosystem in Hawaii. California Polytechnic State University, Pomona, Student Research Symposium.
* Myers, B.M., Clark, C.J., Burns, K.J., and D. Rankin. 2016. Do Allen’s (*Selasphorous sasin*) and Rufous (*Selasphorus rufus*) Hummingbird hybridize in southern Oregon? Washington D.C., North American Ornithological Conference.
* Myers, B.M., Clark, C.J., Burns, K.J., and D. Rankin. 2017. Behavior and morphology indicate an Allen’s (*Selasphorus sasin*) x Rufous (*Selasphorus rufus*) Hummingbird hybrid zone centered in southern Oregon. East Lansing, Michigan, American Ornithological Society.
* Myers, B.M., Clark, C.J., Burns, K.J., and D. Rankin. 2018. Behavior and morphology indicate an Allen’s (*Selasphorus sasin*) x Rufous (*Selasphorus rufus*) Hummingbird hybrid zone centered in southern Oregon. San Francisco, California, Society of Integrative and Comparative Biology.
* Myers, B.M., Clark, C.J., Burns, K.J., and D. Rankin. 2018. Courtship, isolation, and hybridization in Allen’s (*Selasphorus sasin*) and Rufous (*Selasphorus rufus*) Hummingbird. Charleston, Oregon, Cape Arago Audubon Society.
* Myers, B.M., Clark, C.J., Burns, K.J., and D. Rankin. 2018. Courtship, isolation, and hybridization in Allen’s (*Selasphorus sasin*) and Rufous (*Selasphorus rufus*) Hummingbird. San Diego, California, San Diego Field Ornithologists.
* Myers, B.M., Clark, C.J., Burns, K.J., and D. Rankin. 2018. Courtship, isolation, and hybridization across an Allen’s (*Selasphorus sasin*) and Rufous (*Selasphorus rufus*) Hummingbird hybrid zone. Milwaukee, Wisconsin, Animal Behavior Society.
* Myers, B.M., Clark, C.J., Burns, K.J., and D. Rankin. 2018. Courtship, isolation, and hybridization across an Allen’s (*Selasphorus sasin*) and Rufous (*Selasphorus rufus*) Hummingbird hybrid zone. Glendale, California, Western Hummingbird Partnership.
* Myers, B.M., Clark, C.J., Burns, K.J., and D. Rankin. 2019. A tale of two transects: sexual selection across a hummingbird hybrid zone. Anchorage, Alaska. American Ornithological Society.

**Teaching**

* Biology 204L (Organismal Biology Lab), San Diego State University, August 2014 – May 2015
* Biology 100L (General Biology Lab), San Diego State University, August 2016 – May 2017
* Private tutor, Unlimited Learning, January 2015-August 2020

**Service**

* Acknowledgements. *Crossosoma.* 2014.
* Reviewer. *Western Birds*. 2015.