

Liza E. Gómez Daglio

School of Natural Sciences
University of California, Merced
5200 N. Lake Road, Merced CA.
95343 USA
lgomezdaglio@ucmerced.edu
+1 (209) 233-4306

CURRENT

Seventh year, Ph.D. Candidate. Quantitative and Systems Biology. Area of specialization: evolutionary biology. School of Natural Sciences, UC Merced. Graduation May (2015).

EDUCATION

Master of Sciences: Major in Marine Resources Management. June 2003. CICIMAR-IPN. La Paz, BCS, México. With Honors.

Bachelors of Sciences. Major in Marine Biology. September 2000. Universidad Autónoma de Baja California Sur. La Paz, BCS, México.

RESEARCH EXPERIENCE

Research assistant

- | | |
|--|--------------|
| UC Mexus collaborative grant "Molecular taxonomy and population genetics of a species targeted by fisheries: the edible cannonball jellyfish (Stomolophidae)". In collaboration with: Dr. Francisco García de León and Dr. Michael N Dawson. UC Merced, California, USA. | 2013-present |
| NSF Grant "Renaissance taxonomy of Semaestome scyphomedusae—a systematic framework for understanding jellyfish blooms and invasive species". Dr. Michael N Dawson. UC Merced, California, USA. | 2007-2011 |
| Grant "Semilla de orgullo", Museo de Historia Natural de Cabo San Lucas. Managers: Biol. Luis Herrera Gil y M. Sc. Enrique González Navarro (Biodiversity Hall). UABCS, La Paz, BCS México. | 2005-2006 |
| UC Mexus collaborative grant "Speciation of tropical high intertidal barnacles". In collaboration with Dr. John P. Wares (UC Davis). | 2003-2004 |

Associated professor

- | | |
|---|-----------|
| Full time level C. Department of Plankton and Marine Ecology, CICIMAR IPN, La Paz, BCS, México. | 2003-2004 |
|---|-----------|

PUBLICATIONS

- Gómez Daglio, L. and M.N Dawson (solicited review, in preparation). Species richness of jellyfishes (Scyphozoa: Discomedusae) in the Tropical Eastern Pacific: a biodiversity hotspot.
- Swift, H.F., Gómez Daglio, L., and M.N Dawson (in preparation). Three routes to crypsis: stasis, convergence, and parallelism in *Mastigias*.
- Appeltans, W., & 120 other authors (L. Gómez Daglio # 47) (2012). The magnitude of global marine species diversity. *Current Biology*, 22 (23): 2189-2202.
- Baumsteiger, J., Swift, H.F., Lehman, J.M., Heras, J., and L. Gómez Daglio (2010). Getting to the root of phylogenetics. *Frontiers in Biogeography*, 2(3): 68-69.

- Wares, J.P., Pankey, M. S., Pitombo, F., Gómez-Daglio, L., and Y. Achituv (2009). Shallow phylogeny of shallow water barnacles (*Chthamalus*). PLoS ONE, 4(5): e5567.
- Cain, C.J., Conte, D.A., García-Ojeda, M.E., Gómez Daglio, L., Johnson, L., Lau, E.H., Manilay, J. O., Baker-Phillips, J., Rogers, N.S., Stolberg, S.E., Swift, H.F., and M.N Dawson (2008). What systems biology is (not, yet). *Science*, 320: 1013-1014.
- Gómez Daglio, L. and E. González (2006). Redescription of shallow water barnacles (Cirripedia, Balanomorpha) from Bahía de La Paz, Baja California Sur, México. *Sessile organisms*, 23(2): 1-12.
- Gómez Daglio, L. and R. Van Syoc (2006). A new genus and species of high intertidal barnacle (Cirripedia, Tetraclitidae) from Baja California Sur, México. *Zootaxa*, 1118: 1-12.

GRANTS

- | | |
|--|--------------|
| UC Mexus collaborative grant. | 2013-present |
| Systematics research fund, Linnean Society and the Systematics Association UK. | 2012-2013 |
| Ernst Mayr grant for Systematic Zoology. Harvard University. | 2010-2012 |
| Graduate research council. University of California, Merced | 2010-2012 |
| Graduate researcher summer grant. University of California, Merced | 2009-2014 |

HONORS, AWARDS & FELLOWSHIPS

- | | |
|--|--------------|
| Graduate Dean's dissertation fellowship, University of California, Merced. | 2014-present |
| QSB Summer research fellowship, University of California, Merced. | 2013 |
| Travel Award QSB, University of California, Merced. | 2010-2014 |
| Best student presentation in the Third international jellyfish bloom symposium.
Mar del Plata, Argentina. | 2010 |
| Charlotte Magnum student support. SICB meeting Seattle, WA. | 2010 |
| Travel Award 4th International conference of biogeography. Mérida, México. | 2009 |
| UC Mexus-CONACyT fellowship. Graduate studies. Degree to obtain Ph.D. | 2007-2012 |
| Master in Science degree with Honors. CICIMAR-IPN, México. | 2003 |
| CONACyT fellowship. Graduate studies. Degree obtained Master of Sciences.
CICIMAR-IPN, México. | 2001-2003 |
| Second place at Marine biology College class 1999. UABCS, México. | 1999 |

TEACHING EXPERIENCE

Teacher assistant

- | | |
|---|------------|
| Contemporary biology. School of Natural Sciences, UC Merced. | 2012-2013 |
| Introduction to Molecular Biology. School of Natural Sciences, UC Merced. | 2013 |
| Evolution. School of Natural Sciences, UC Merced. | 2009; 2011 |
| Invertebrate Zoology I. Department of Marine Biology, UABCS, La Paz, BCS, México. | 1998-2001 |

Lecturer

- | | |
|--|------------|
| Geology and Ecology. Instituto Mar de Cortes. High school. La Paz, BCS, México. | 2006-2007 |
| Marine Ecology. Department of Ecoturism. UABCS, La Paz, BCS, México. | 2004 |
| Zoology of Marine Invertebrates I. Department of Marine Biology. UABCS, La Paz, BCS, México. | 2001; 2003 |

Undergraduate mentor

- University of California, Merced. Four undergraduate students were trained into the molecular techniques and the basics of Scyphozoa taxonomy and morphometrics. 2009-2014
- Collaborating in the undergraduates' internship program in the Marine Plankton Laboratory. UABCS, La Paz, BCS, México. 1998-2001

POSTERS AND PRESENTATIONS**Oral**

- Abboud, S. and L. Gómez Daglio. How do entry-level biology students learn and succeed at UC Merced. Assessment Symposium, Santa Cruz, CA. 2014
- Gómez Daglio, L., and M.N Dawson. Hidden diversity of Discomedusae in the Tropical Eastern Pacific. 4th International Jellyfish Bloom Symposium, Hiroshima, Japan. 2013
- Abboud, S., Gómez Daglio, L., and M.N Dawson. The diversity within jellyfishes and scales of genetic diversity. 4th International Jellyfish Blooms Symposium, Hiroshima, Japan.
- Abboud, S., Gómez Daglio, L., and M.N Dawson. The diversity and spatial scales of genetic structure within jellyfishes. Western Society of Naturalists, Oxnard, CA.
- Dawson, M.N, Bayha, K.M., Gómez Daglio, L. and A. Collins. Phylogeny and ecology of jellyfish (Scyphozoa) mass occurrences. SICB meeting. Seattle, WA. USA. 2010
- Gómez Daglio, L. Status of the taxonomy of the Gulf of California's jellyfish Cnidarian Tree of Life meeting, La Paz, BCS, México. 2009
- Gómez Daglio, L. Análisis morfológico de los géneros *Chthamalus*, *Megabalanus* y *Tetraclita*". Congreso Internacional de Investigadores del Mar de Cortes. La Paz, BCS, México. 2003

Posters

- Abboud, S., Gómez Daglio, L., and M.N Dawson The diversity and spatial scales of genetic structure within jellyfishes. Ocean Science Meeting, Honolulu, HI. 2014
- Schiebelhut, L.M., Abboud, S., Gómez Daglio, L., and M.N Dawson. Quick, clean, and cheap: comparing DNA extraction methods for diverse marine taxa—one year update. Western Society of Naturalists, Oxnard, CA. 2013
- Schiebelhut, L.M., Abboud, S., Gómez Daglio, L., and M.N Dawson. Quick, clean, and cheap: comparing DNA extraction methods for diverse marine taxa. Western Society of Naturalists, Seaside, CA. 2012
- Gómez Daglio, L. and M.N Dawson. Identification of cryptic species and genetic stocks of the edible cannonball jellyfish (Rhizostomeae: Stomolophidae) in Central and North America. Graduate Research week, UC Merced, CA. 2011
- Gómez Daglio, L. and M.N Dawson. Species and genetic stock identification of the edible cannonball jellyfish (Rhizostomeae: Stomolophidae) in the Gulf of California, México. 3rd International Jellyfish Bloom Symposium, Mar del Plata, Argentina. 2010

- Gómez Daglio, L. and M.N Dawson. Phylogenetics of shallow water jellyfish (Scyphomedusae: Discomedusae) in the Gulf of California, México. SICB meeting. Seattle, WA. USA. 2010
- Gómez Daglio, L. and M.N Dawson. Evolutionary biogeography of shallow water jellyfish (Scyphozoa: Discomedusae) from The Gulf of California, México". Fourth International Conference of Biogeography. Mérida, Yucatán, México. 2009
- Gómez-Daglio, L., R. VanSyoc and R. Saldierna. Morphometric variation of three species of barnacles (Cirripedia, Balanomorpha) in the southern region of Baja California Peninsula, México. International Crustacean Meeting, Glasgow, Scotland. 2005
- Gómez Daglio, L. and R. VanSyoc. A new genus and species of high intertidal barnacle (Cirripedia, Tetraclitidae) from Baja California Sur. International Crustacean Meeting, Glasgow, Scotland.

SERVICE

- Reviewer of scientific journals:** Biological Bulletin, Biología Tropical, Bulletin of Marine Science, Ciencias Marinas, Crustaceana, Invertebrate Systematics, Molecular Phylogenetics and Evolution, PLOS Biology, Systematic Zoology, and Zootaxa. 2007-present
- Minorities' education:** Focuses on the fishermen communities in undeveloped countries (Mesoamerica). (1) Involve the community about the major ecological and biological implications of jellyfish blooms. (2) Provide information about *in situ* identification of the different gelatinous organisms present in the region. 2008-present
- Contributor, the Scyphozoan* wiki:** Provide content on preservation and shipping, photo-documentation of morphology, and taxonomy of scyphomedusae. 2010-present
- Teaching resources:** Edition and preparation of the laboratory textbooks for the courses Marine Invertebrate Zoology I and II for the Marine Biology College (Universidad Autónoma de Baja California Sur, México). 1999-2002

PROFESSIONAL AFFILIATIONS

- Society of Systematic Biologists 2008-present
- Society of Biogeography 2008-present
- The Systematics Association 2010-present

LANGUAGE PROFICIENCY

- Spanish: native
- English: fluent
- French: elementary