
CURRICULUM VITAE

ERICA T. MASON
ETMASON@UCSD.EDU

EDUCATION

- 2017-pres. Ph.D. program, Scripps Institution of Oceanography, UC San Diego (Advisor: Brice Semmens); *Dissertation focus: quantitative methods in fisheries ecology*
- 2004-2007 M.S. in Biology, CSU Long Beach (Advisor: Chris Lowe); *Thesis focus: rockfish barotrauma*
- 1994-2000 B.S. in Marine Biology (Zoology 2nd Major; Chemistry Minor), University Honors Program, CSU Long Beach; *Thesis focus: mercury bioaccumulation in Kelp Bass*

PEER-REVIEWED PUBLICATIONS

15. **Mason, ETJ**, TV Riecke, LF Bellquist, DJ Pondella II, BX Semmens. Recruitment limitation increases susceptibility to fishing-induced collapse in a spawning aggregation fishery. *Marine Ecology Progress Series. In review.*
14. **Mason, ETJ**, L Bulkeley, WW Watson, Sawkins, AC Salazar, MT Craig, JR Hyde, AR Thompson, BX Semmens. 2022. Decoding comparable morphologies: pigmentation validated for identifying southern California *Paralabrax* larvae. *FishTaxa*, 25:9-25.
13. **Mason, ET**, AN Kellum, JA Chiu, GT Waltz, S Murray, DE Wendt, RM Starr, and BX Semmens. 2020. Long-term participation in collaborative fisheries research improves angler opinions on marine protected areas. *Peer J*, 8:e10146 DOI 10.7717/peerj.10146.
12. Walker, KM, KM Penttila, **E Jarvis-Mason**, CF Valle. 2020. Validated age and growth of Barred Sand Bass within the Southern California Bight. *California Fish and Game*, 104(4):205-215.
11. **Jarvis, ET**, HL Gliniak, and CF Valle. 2014. Effects of fishing and the environment on the long-term sustainability of the recreational saltwater bass fishery in southern California. *California Fish and Game*, 100(2):234-259.
10. **Jarvis, ET**, KA Loke-Smith, K Evans, RE Kloppe, KA Young, and CF Valle. 2014. Reproductive potential and spawning periodicity in barred sand bass (*Paralabrax nebulifer*) from the San Pedro Shelf, southern California. *California Fish and Game*, 100(2):289-309.
9. McKinzie, M, **ET Jarvis**, and CG Lowe. 2014. Fine-scale horizontal and vertical movement of barred sand bass, *Paralabrax nebulifer*, during spawning and non-spawning seasons. *Fisheries Research*, 150:66-75.
8. Lyons, K, **ET Jarvis**, S Jorgensen, K Weng, J O'Sullivan, C Winkler, and CG Lowe. 2013. The degree and result of gillnet fishery interactions with juvenile white sharks in southern California assessed by fishery-independent and -dependent methods. *Fisheries Research*, 147:370-380.

7. Lowe, CG, ME Blasius, **ET Jarvis**, TJ Mason, GD Goodmanlowe, and JB O'Sullivan. 2012. Historic fishery interactions with white sharks in the Southern California Bight. pp. 169-198 in: Domeier, M.L. (ed.), Global perspectives on the biology and life history of the white shark. Taylor and Francis Group, LLC., Florida.
6. **Jarvis, ET**, C Linardich, and CF Valle. 2010. Spawning-related movements of barred sand bass, *Paralabrax nebulifer*, in southern California: Interpretations from two decades of historical tag and recapture data. Southern California Academy of Sciences Bulletin, 109:123-143.
5. **Jarvis, ET**, HL Gliniak, O Horning, and C Linardich. 2009. The occurrence of juvenile Mexican lookdown, *Selene brevoortii* (Gill 1863), in Seal Beach, California. California Fish and Game, 95:188-192.
4. Lowe, CG, KM Anthony, **ET Jarvis**, LF Bellquist, and MS Love. 2009. Site fidelity of characteristic fish species at offshore petroleum platforms in the Santa Barbara Channel. Marine and Coastal Fisheries, 1:71-89.
3. **Jarvis, ET** and CG Lowe. 2008. The effects of barotrauma on the catch-and-release survival of southern California nearshore and shelf rockfishes (Scorpaenidae, *Sebastes* spp.). Canadian Journal of Fisheries and Aquatic Sciences, 65:1286–1296.
2. **Jarvis, E**, K Schiff, L Sabin, and MJ Allen. 2007. Chlorinated hydrocarbons in pelagic forage fishes and squid of the southern California Bight. Environmental Toxicology and Chemistry, 26:2290-2298.
1. **Jarvis, ET**, MJ Allen, and RW Smith. 2004. Southern California recreational fish catches compared to environment-species relationships and fishery-independent data, 1980-2000. CalCOFI Reports, 45:167-179.

TECHNICAL & ANNUAL REPORTS

5. Barwick, KS, G Choi, G Daly, R Gamber, M Kibby, **E Mason**, M Mengel, H Nguyen, G Robertson, E Ruckman, K Sakamoto, D Tang, L Terriquez. 2014. OCSD 2013-2014 Marine Monitoring Annual Report. Orange County Sanitation District. Fountain Valley, CA.
4. Allen, MJ, **ET Jarvis**, V Raco-Rands, G Lyon, JA Reyes, DM Petschauer. 2008. Extent of fishing and fish consumption by fishers in Ventura and Los Angeles County watersheds in 2005. Technical Report 574. Southern California Coastal Water Research Project. Costa Mesa, CA.
3. Allen, MJ, T Mikel, D Cadien, JE Kalman, **ET Jarvis**, KC Schiff, DW Diehl, SL Moore, S Walther, G Deets, C Cash, S Watts, DJ Pondella II, V Raco-Rands, C Thomas, R Gartman, L Sabin, W Power, AK Groce, JL Armstrong. 2007. Southern California Bight 2003 Regional Monitoring Program: IV. Demersal Fishes and Megabenthic Invertebrates. Technical Report 505. Southern California Coastal Water Research Project. Costa Mesa, CA.
2. Allen, MJ, RW Smith, **ET Jarvis**, V Raco-Rands, BB Bernstein, KT Herbinson. 2004. Temporal trends in southern California coastal fish populations relative to 30-year trends in oceanic conditions. in:

S.B. Weisberg, D. Elmore (eds.), Southern California Coastal Water Research Project 2003-04 Biennial Report pp. 264-285. Southern California Coastal Water Research Project. Westminster, CA.

1. Allen, MJ, AK Groce, D Diener, JS Brown, SA Steinert, G Deets, JA Noblet, SL Moore, DW Diehl, **ET Jarvis**, V Raco-Rands, C Thomas, Y Ralph, R Gartman, D Cadien, SB Weisberg, T Mikel. 2002. Southern California Bight 1998 Regional Monitoring Program: V. Demersal Fishes and Megabenthic Invertebrates. Technical Report 380. Southern California Coastal Water Research Project. Westminster, CA.

PROFESSIONAL EMPLOYMENT

2017-pres.	Graduate Student Researcher, Scripps Institution of Oceanography (SIO), La Jolla, CA
2017	Part-time Instructor, Cerritos College, Norwalk, CA
2013-15	Senior Environmental Specialist, Orange County Sanitation District, Fountain Valley, CA
2006-13	Environmental Scientist, California Department of Fish and Wildlife, Los Alamitos, CA
2006-07	USC Sea Grant Trainee, CSU Long Beach, Long Beach CA
2005, fall	Graduate Associate, Catalina CSU Marine Biology Semester, Catalina Island, CA
2005, spr	Teaching Associate, CSU Long Beach, Long Beach, CA
2002-07	Marine Research Technician, Southern California Coastal Water Research Project, CA, Costa Mesa, CA
2001	Scientific Aide, California Department of Fish and Game, Los Alamitos, CA

MEDIA COVERAGE

2021, Jun	<i>Pacific Coast Sportfishing</i> , "Tagging Program Surveys MPA's, Touts Conservation"
	<i>California Marine Sanctuary Foundation</i> , "Good news for Calico Bass in California".
2013, Mar	<i>Phil Friedman Outdoors Radio Show</i> , "The Sound Bite", saltwater edition.
2012, Apr	<i>Pacific Coast Sportfishing</i> , "In search of the missing bass populations."
2008, May	Raven Radio KCAW 90.1 FM (NPR), "New technique may save released rockfish."
2007, Jul	<i>Pacific Coast Sportfishing</i> , "Deep Release Devices".
2006, Nov	<i>Pacific Coast Sportfishing</i> , "Rockfish released! Here's how."
2006, Oct	<i>Sportfishing</i> , "New evidence shows deepwater fish survive release."
2006, Jun	<i>The Orange County Register</i> , "Study looks at catch and release in rockfish."
	<i>Daily Breeze</i> , "No longer out of its depth?"
	<i>The Press Telegram</i> , "CSULB team helps rockfish."

SCIENTIFIC JOURNAL PEER REVIEW

African Journal of Marine Science
Alaska Sea Grant (research proposal)
Bulletin of the Southern California Academy of Sciences
Fisheries Research
Marine Biology
Marine and Coastal Fisheries
North American Journal of Fisheries Management
Transactions of the American Fisheries Society

GRADUATE STUDENT COMMITTEES

- 2020 Lyndsay R. Bauman, MAS, Scripps Institution of Oceanography, Thesis Proposal and Defense Committee
- 2018 Allison Kellum, MAS, Scripps Institution of Oceanography, Thesis Proposal and Defense Committee
- 2015 Gary N. Teesdale, MS, CSU Long Beach, Thesis Proposal and Defense Committee
- 2012 Megan K. McKinzie, MS, CSU Long Beach, Thesis Proposal and Defense Committee

DIRECTED RESEARCH

- 2019 Allyson Salazar Sawkins, Initiative for Maximizing Student Development (IMSD) Program, UCSD
- 2018 Mary Cozy, SIO Undergraduate Research Fellow (SURF) summer intern
- 2018 Joseph Molina, SIO Undergraduate Research Fellow (SURF) summer intern
- 2013 Lilhac Medina, CDFW-sponsored CSU COAST summer intern
- 2013 Kim Walker, CDFW-sponsored CSU COAST summer intern
- 2012-13 Ricky Kloppe, CDFW scientific aide
- 2012 Kelly Voss, CDFW-sponsored CSU COAST summer intern
- 2011-13 Kyle Evans, CSU Long Beach summer intern, CDFW scientific aide
- 2011 Austin Helget, CDFG-sponsored CSU COAST summer intern
- 2010 Raymond Fellerman, CSU Long Beach fall semester intern
- 2008-10 Christi Linardich, CDFG scientific aide

INVITED WORKSHOP

- 2013 Fisheries Release Mortality: Identifying, Prioritizing, and Resolving Data Gaps, NOAA Fisheries, Boston, MA

LEADERSHIP TRAINING

- 2014 Strategies for Communicating with Tact and Diplomacy, Cornerstone On-line Training
- 2013 Leading Teams: Dealing with Conflict, Cornerstone On-line Training

AWARDS, HONORS, & SCHOLARSHIPS

- 2016 Honorable Mention, NSF Graduate Research Fellowship Program
- 2013 Marine Region Award for Special Contribution, CA Department of Fish and Wildlife
- 2011 Marine Region Award for Special Contribution, CA Department of Fish and Game
- 2008 Best Student Paper Award, 15th Western Groundfish Conference, Santa Cruz, CA
- 2007 Graduate Dean's List of University Scholars and Artists, CSU Long Beach
- 2007 Outstanding Thesis Award, College of Natural Sciences and Mathematics, CSU Long Beach
- 2007 College of Natural Sciences and Mathematics Boeing Scholarship, CSU Long Beach
- 2005 USC Sea Grant Traineeship
- 2005 Southern California Academy of Sciences Graduate Research Grant
- 2005 Richard B. Loomis Research Award, CSU Long Beach

- 2004 SCTC Marine Biology Scholarship Foundation Graduate Award
2000 National Dean's List, CSU Long Beach
2000 Runner-up, CSU 14th Annual Statewide Student Research Competition, Biological and Agricultural Sciences Undergraduate Category, Cal Poly Pomona
1998 SCTC Marine Biology Scholarship Foundation Undergraduate Award

SCUBA CERTIFICATIONS

- 2011 Nitrox, California Department of Fish and Game
2009 100' SCUBA Depth Certification, California Department of Fish and Game
2007 Scientific Diver (AAUS), California Department of Fish and Game
2004 Scientific Diver (AAUS), California State University
2004 NAUI Master Diver
1999 NAUI Open Water I

PROFESSIONAL AFFILIATIONS

American Institute of Fishery Research Biologists

- Young Professionals Spotlight, spring 2020
- Offices held: Vice Director, Secretary-Treasurer

Southern California Association of Ichthyological Taxonomists and Ecologists (SCAITE)

Southern California Academy of Sciences

Western Society of Naturalists