

Thomas C. TinHan

Texas A&M University at Galveston • Department of Marine Biology
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Education

Ph.D Marine Biology – Texas A&M University at Galveston	Present
M.S. Biology – California State University, Long Beach	2013
B.S. Marine Biology – University of Hawai'i at Manoa	2009

Research Experience

Graduate assistant: Department of Marine Biology – Texas A&M University at Galveston 2014–present

(Drs. David Wells, Jay Rooker)

- Piloting small craft in coastal waters, deployment of vertical longline gear, multibeam sonar, and water quality monitoring equipment.

Research technician: Science and Conservation of Fish Aggregations (SCRFA) 2013

(Drs. Brad Erisman, Yvonne Sadovy)

- Entry, summary and meta-analysis of data gathered from comprehensive review of peer-reviewed records of fish spawning aggregations.

Graduate assistant: Marine Lab - California State University, Long Beach 2010–2013

(Yvette Ralph)

- Design, construction of research and educational aquaria. Collection, husbandry of marine life for research, teaching and public outreach.

Field research assistant: Lowe Lab - California State University, Long Beach 2010–2013

(Dr. Chris Lowe)

- Capture, tagging and active tracking of gamefishes, sharks. Deployment and retrieval of acoustic listening stations.

Fieldwork assistant: Hawai'i Institute of Marine Biology Shark Lab, Hawaii 2006–2010

(Drs. Yannis Papastamatiou, Kim Holland)

- Capture, handling and tagging of large sharks, tunas, billfish with acoustic and satellite telemetry tags.

Teaching Experience

Teaching assistant: Department of Marine Biology – Texas A&M University at Galveston 2015–2016

(Dr. David Wells)

- Teaching assistant for ichthyology labs

Teaching assistant: Department of Biological Sciences - California State University Long Beach 2010–2012

(Drs. Christine Palmier, Gwen Goodmanlowe)

- Taught introductory biology labs for majors and non-majors

Referee/reviewer

Marine Ecology Progress Series
Environmental Biology of Fishes

Publications

TinHan TC, Mohan JA, Dumesnil M, DeAngelis BM, Wells RJD. 2018. Linking habitat use and trophic ecology of spotted seatrout (*Cynoscion nebulosus*) on a restored oyster reef in a subtropical estuary. *Estuaries and Coasts* 41(6):1793-1805, <https://doi.org/10.1007/s12237-018-0391-x>

Wells RJ, **TinHan TC**, Dance MA, Drymon JM, Falterman B, Ajemian MJ, Stunz GW, Mohan JA, Hoffmayer ER, Driggers III WB, McKinney JA. 2018. Movement, Behavior and Habitat Use of a Marine Apex Predator, the Scalloped Hammerhead. *Frontiers in Marine Science* 5:321, <https://doi.org/10.3389/fmars.2018.00321>

Plumlee JD, Dance KM, Matich P, Mohan JA, Richards TM, **TinHan TC**, Fisher MR, Wells RJD. 2018. Community structure of elasmobranchs in estuaries along the northwest Gulf of Mexico. *Estuarine and Coastal Shelf Science*, 204:103-113, <https://doi.org/10.1016/j.ecss.2018.02.023>

Mohan JA, **TinHan TC**, Miller NR, Wells RJD. 2017. Effects of sample cleaning and storage on the elemental composition of shark vertebrae. *Rapid Communications in Mass Spectrometry* 31(24): 2073-2080, doi: 10.1002/rcm.7998

Matich P, Mohan J, Plumlee J, **TinHan TC**, Wells RJD, Fisher M. 2017. Factors shaping the co-occurrence of two juvenile shark species along the Texas Gulf Coast. *Marine Biology* 164:141

TinHan TC, Erisman B, Aburto O, Weaver A, Vazquez D, Lowe CG. 2014. Residency and seasonal movements in *Lutjanus argentiventris* and *Mycteroperca rosacea* at Los Islotes Reserve, Gulf of California. *Marine Ecology Progress Series* 501:191-206.

Grants and Awards

Texas A&M University Boost Fellowship	2018
Texas A&M University Mooney Graduate Student Travel Grant \$500	2018
Texas Sea Grant Grants-in-Aid of Graduate Research Award \$1990	2017
Houston Big Game Fishing Club Scholarship \$2000	2016
Texas Chapter American Fisheries Society Outstanding Student Presentation	2016
Texas Chapter American Fisheries Society Student Scholarship \$1500	2016
Texas Sea Grant Grants-in-Aid of Graduate Research Award \$1000	2015
Texas A&M University Mooney Graduate Student Travel Grant \$750	2015
AAUS Kevin Gurr Scholarship, \$2500	2011
CSU COAST Award for Marine Biology Research, \$1500	2011
SCTC Marine Biology Student Scholarship, \$1500	2011
CSULB Handloser Graduate Tuition Grant, \$3200	2010
Vemco VR100 Student Offer \$5000	2010

Selected Presentations

- TinHan TC, Wells RJD. 2016. Feeding ecology of juvenile bull sharks in the northwest Gulf of Mexico. 148th Meeting of the American Fisheries Society, August 20, 2018. Atlantic City, New Jersey.
- TinHan TC, Drymon JM, Falterman B, Stunz GW, Ajemian MJ, Mohan JA, Dance MA, Hoffmayer ER, Driggers III WB, McKinney JA, Wells RJD. Space use and habitat preferences of scalloped hammerhead sharks in the northern Gulf of Mexico. 2017 Joint Meeting of Ichthyologists and Herpetologists. July 13, 2017. Austin, Texas.
- TinHan TC, Rooker JR, Wells RJD. Vertebral chemistry of juvenile bull sharks in the northwestern Gulf of Mexico. Association for the Sciences of Limnology and Oceanography 2017 Aquatic Sciences Meeting. February 28, 2017. Honolulu, Hawaii.
- TinHan TC, Mohan JA, Sullivan J, Dumesnil MJ, Ruiz CF, Wells RJD. Residency and movement of Spotted Seatrout *Cynoscion nebulosus* on a restored oyster reef. Texas Chapter American Fisheries Society Annual Meeting. January 20, 2017. Corpus Christi, Texas.
- TinHan TC, Wells RJD. Feeding ecology of juvenile bull sharks in the northwest Gulf of Mexico. 2016 Joint Meeting of Ichthyologists and Herpetologists. July 9, 2016. New Orleans, Louisiana.
- TinHan TC, Dance KM, Rooker JR, Wells RJD. ARIS Sonar surveys of fishes associated with artificial reefs. Gulf States Marine Fisheries Commission 66th Annual Spring Meeting. March 15, 2016. San Antonio, Texas.
- TinHan T, Plumlee J, Rooker JR, Wells RJD. Nursery origin and feeding ecology of juvenile Bull Sharks in the northwest Gulf of Mexico. 2016 Annual Meeting of the Texas Chapter of the American Fisheries Society, January 22, 2016. Kerrville, TX.
- TinHan T, Rooker JR, Wells RJD. Identification of Bull Shark nursery habitats using vertebral chemistry. 66th Tuna Conference, May 20, 2015. Lake Arrowhead, California.
- TinHan T, Erisman B, Aburto O, Weaver A, Hernandez D, Vazquez D, Lowe C. Long-term horizontal and vertical movements of yellow snapper and leopard grouper at Los Islotes, Gulf of California. 2012 Meeting of the American Society of Ichthyologists and Herpetologists, August 10, 2012. Vancouver, British Columbia
- TinHan T, Lowe C, Erisman B, Aburto O. Movements of cabrilla and pargo at the Los Islotes Reserve, Gulf of California. Guest speaker - Southern California Tuna Club. March 15, 2012. Long Beach, CA.

University Service

- Graduate student representative: Diving Control Board 2017
Texas A&M University at Galveston
- Graduate student panel: TriBeta Biological Honor Society 2014 - 2018
Texas A&M University at Galveston

Outreach

Fish Anatomy (laboratory demonstration) - Texas Coastal Brigades Youth Leadership Camp	2016 - 2018
Texas College Night (booth) – Houston Independent School District, Houston, TX	2015
Cousteau Member Event (booth) – Moody Gardens, Galveston, TX	2015
Interview with a scientist: Shark Trackers! (presentation) – Galveston Sea Scout Base Galveston, TX	2014

Professional Affiliations

American Fisheries Society
American Elasmobranch Society
Phi Kappa Phi Honor Society

Certifications

Dept. of Interior Motorboat Operators Certification Course (MOCC)
American Academy of Underwater Sciences (AAUS) scientific diving certification

Languages

English (native)
Spanish (professional working proficiency)