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**Education**

Postgraduate Researcher, University of California Santa Cruz. 1998-2001.  
Ph.D., Wildlife & Fisheries Sciences, Texas A&M University. 1997.  
Biól. Mar., Universidad Autónoma de Baja California Sur, Mexico. (B.Sc. Mar. Biol.). 1989.

**Appointments**

Professor in Biology and Science Education, Western Washington University, 2013-Present.  
Research Fellow, University of California Santa Cruz. 2001-present.  
Associate Professor in Biology and Science Education, Western Washington University, 2007-2013.  
Assistant Professor in Biology and Science Education, Western Washington University. 2002-2007.  
Senior Aquatic Educator & Research Associate, California Academy of Sciences. 2001-2002.

**Selected Publications (out of 54) (<sup>1</sup>WWU undergraduate student, <sup>2</sup>WWU graduate student)**

- Schwarz, D., **Spitzer, S.**<sup>1</sup>, Thomas, A., **Kohnert, C.**<sup>2</sup>, **Keates, T.**<sup>1</sup> & **Acevedo-Gutiérrez, A.** 2018. Large scale molecular diet analysis in a generalist marine mammal reveals male preference for prey of conservation concern. *Ecology and Evolution* 8: 9889-9905.
- Carlén, I., Thomas, L., Carlström, J., Amundin, M., Teilmann, J., Tregenza, N., Tougaard, J., Koblitz, J.C., Sveegaard, S., Wennerberg, D., Loisa, O., Dähne, M., Brundiers, K., Kosecka, M., Kyhn, L.A., Ljungqvist, C.T., Pawliczka, I., Koza, R., Arciszewski, B., Galatius, A., Jabbusch, M., Laaksonlaita, J., Niemi, J., Lyytinen, S., Gallus, A., Benke, H., Blankett, P., Skóra, K.E., & **Acevedo-Gutiérrez, A.** 2018. Basin-scale distribution of harbour porpoises in the Baltic Sea provides basis for effective conservation actions. *Biological Conservation* 226: 43-53.
- Chasco, B. E., Kaplan, I. C., Thomas, A. C., **Acevedo-Gutiérrez, A.**, Noren, D. P., Ford, M. J., Hanson, M. B., Scordino, J. J., Jeffries, S. J., Marshall, K. N. Shelton, A. O., Matkin, C., Burke, B. J. & Ward, E. J. 2017. Competing tradeoffs between increasing marine mammal predation and fisheries harvest of Chinook salmon. *Scientific Reports* 7: 15439.
- Akmajian, A. M.**<sup>2</sup>, Scordino, J. J. & **Acevedo-Gutiérrez, A.** 2017. Year-round algal toxin exposure in free-ranging sea lions. *Marine Ecology Progress Series* 583: 243-258.
- Rothstein, A.**<sup>2</sup>, **McCoughlin, R.**<sup>2</sup>, **Acevedo-Gutiérrez, A.** & Schwarz, D. 2017. WISEPAIR: a computer program for individual matching in genetic tracking studies. *Molecular Ecology Resources* 17: 267-277.
- Moreno, K.**<sup>1</sup> & **Acevedo-Gutiérrez, A.** 2016. The social structure of Golfo Dulce bottlenose dolphins (*Tursiops truncatus*) and the influence of behavioural state. *Royal Society Open Science* 3: 160010.
- Bjorland, R. H., Pearson, S. F., Jeffries, S. J., Lance, M. M., **Acevedo-Gutiérrez, A.** & Ward, E. J. 2015. Stable isotope mixing models elucidate sex and size effects on the diet of a generalist marine predator. *Marine Ecology Progress Series* 526: 213-225.
- Wilson, K.**<sup>2</sup>, Lance, M., Jeffries, S. & **Acevedo-Gutiérrez, A.** 2014. Fine-scale variability in harbor seal foraging behavior. *PLoS ONE* 9: e92838.
- Howard, S.**<sup>2</sup>, Lance, M., Jeffries, S. & **Acevedo-Gutiérrez, A.** 2013. Fish consumption by harbor seals (*Phoca vitulina*) in the San Juan Islands, WA. *Fishery Bulletin* 111: 27-41.
- Peterson, S. H.**<sup>2</sup>, Lance, M. M., Jeffries, S. J. & **Acevedo-Gutiérrez, A.** 2012. Long distance movements and disjunct spatial use of harbor seals (*Phoca vitulina*) in the inland waters of the Pacific Northwest. *PLoS ONE* 7: e39046.
- Thomas, A.**<sup>2</sup>, Lance, M. M., Jeffries, S. J., Miner, B. & **Acevedo-Gutiérrez, A.** 2011. Harbor seal foraging response to a seasonal resource pulse, spawning Pacific herring. *Marine Ecology Progress Series* 441: 225-239.
- Acevedo-Gutiérrez, A.**, Acevedo, L. & Boren, L. 2011. Effects of the presence of official-looking volunteers on harassment of New Zealand fur seals. *Conservation Biology* 25: 623-627.

Myhre, S.<sup>1</sup> & Acevedo-Gutiérrez, A. Recovery of sea urchin *Diadema antillarum* populations is correlated to increased coral and reduced macroalgal cover. *Marine Ecology Progress Series* 329: 205-210.

### Synergistic Activities

- At WWU, secured \$2,891,089 in external and \$76,899 in internal funding as PI or co-PI. Mentored 15 MSc students, 32 undergraduates, 1 foreign student and 1 high-school teacher, producing 20 student-authored, refereed papers, 20 student-authored, refereed presentations, and 78 presentations at student scientific meetings; incorporated 128 undergraduate research assistants; member of 10 MSc and 3 PhD theses committees. Mentor of 3 High School Senior Projects. At California Academy of Sciences, developed curricula for K-12 teachers, taught docent classes, trained volunteers, led summer camps, conducted presentations, and judged National Youth Science Camp and science fairs. University-level courses taught at the School for Field Studies and Universidad Complutense, Spain. Award for Academic Excellence by the Universidad Autónoma de Baja California Sur, Mexico (2002).
- Panelist for NSF, NOAA and a regional agency. Given 38 seminars and guest lectures to scientists and institutions of higher education in 5 different countries. Given 58 presentations at 38 professional meetings in 6 countries. Reviewed 108 manuscripts for 37 journals, 34 proposals for 8 organizations, 2 book chapters, 84 abstracts for conferences; developed and reviewed GRE questions. Top Minority in Science by CAREER Communications Group (2005); MOSI's National Hispanic Scientist of the Year (2001). Awards for Excellence in Research by the State of Baja California Sur and the City of La Paz, Mexico (2002). Key to the City of Tampa (2001).
- Broadened the participation of underrepresented groups in the science by giving talks and presentations in English and Spanish to >11,808 students and families on science as a career; 111 have been to schools (Pre-K to 12), mostly public or inner-city, and 99 to museums, businesses and conservation institutes.
- Advised 10 conservation and scientific organizations in USA and Costa Rica. Wrote and spearheaded the initial draft of the regulations of marine mammals in Costa Rica. National Board of Directors, Museum of Science & Industry, Tampa, USA.
- Advisor and scientist-on-camera in four different educational films, including Telly Award and Silver CINDY Award winner *Marine Science: Exploring the Deep* and Academy-Award nominee and Silver WorldMedal winner *Dolphins*. Guest of 26 media shows, 106 interviews given to local, regional, national and international outlets, including TV, radio, print and internet.

### Mentored Students

#### Department of Biology, Western Washington University

*MSc students (15 total)*: Madelyn Voelker (eDNA Technician, National Forest Service), Adrienne Akmajian (Marine Ecologist, Makah Tribe), Kat Nikolich (PhD student, Univ. of Victoria), Erin D'Agnese (PhD student, Univ. California Davis), Andrew Rothstein (PhD student, Univ. California Berkeley), Jennifer Olson (Collections Curator, The Whale Museum), Dr. Austen Thomas (Fisheries Biologist, Smith Root), Sarah Howard (Biologist, National Park Service), Dr. Kenady Wilson (Wildlife Biologist, Wildlife Computers), Dr. Sarah Peterson (Wildlife Biologist, US Geological Survey), Kathryn Luxa (Contractor, National Marine Mammal Laboratory), Adria Banks (Washington State Univ. Extension Energy Program).

*Undergraduate students (32 total)*: Wyatt Heimbichner-Goebel (in progress), MacKenna Newmarch (Research Technician, New York Univ.), Sara Spitzer (Research Associate, Illumina Inc.), Ashlyn Teather (MEd student, Univ. Minnesota Duluth), Nathan Moore (Literacy Coach, Washington Reading Corps Program), Erin Stehr (Observer, Northwest Environmental Consulting), Kelsey Moreno (Postdoctoral Researcher, Tel Aviv University), Kelly Cates (PhD student, Univ. Alaska Fairbanks), Bobbie Buzzell (North Pacific Groundfish Fishery Observer, AIS Inc.), Kevin Eyer (Science Teacher, Kingston Middle School), Christopher Vennum (PhD student, Colorado State Univ.), Kelley van Hees (MSc from Moss Landing Marine Laboratories), Dr. James Soda (Postdoctoral Researcher, Univ. Notre Dame), Jessica Farrer (Professional Photographer), Dr. Jessie Patterson (Physical Therapist, Valley Physical Therapy), Dr. Sarah Myhre (Postdoctoral Researcher, Univ. Washington), Amber Johnson (MSc from Oregon State Univ.), Alyssa Matthews (MSc from Univ. Washington).