

Amanda J. Gladics

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Education

Master of Science, Marine Resource Management April 2012

College of Earth, Ocean, and Atmospheric Sciences, Oregon State University, Corvallis, OR

Thesis Advisor: Robert M. Suryan

GPA: 3.97

Thesis Research: Dietary responses of marine predators to variable oceanographic conditions in the northern California Current.

Graduate Certificate, Fisheries Management December 2011

Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR

Capstone Advisor: Kaety (Hildenbrand) Jacobson

Capstone Project: Adult male Dungeness crab (*Metacarcinus magister*) movements near Reedsport, Oregon from a fisheries collaborative mark-recapture study.

Graduate Scholarships

CalCOFI Graduate Student Travel Award 2011 (\$250)

Oregon Laurels Graduate Scholarship 2009, 2010 (\$14,300)

Hatfield Student Organization Travel Award 2011 (\$250)

Oregon Lottery Scholarship 2009, 2010 (\$7,500)

Northwest Scientific Association Grant 2010 (\$1,500)

Mamie Markham Research Fellowship 2009 (\$8,750)

Lillian Reynolds Scholarship 2011 (\$1,000)

Oregon Sea Grant Robert E. Malouf Fellowship 2009 (\$10,800)

William Wick Marine Fisheries Award 2011 (\$4,000)

Bachelors of Science, Natural Resources, *Summa Cum Laude* June 2009

College of Forestry, Oregon State University, Corvallis, OR

Minor in Fisheries & Wildlife Science

OSU GPA: 4.0, Transfer GPA: 3.5

Studies Abroad: - OSU, Antarctica: Human Impacts on a Fragile Ecosystem (Dec. '08)

- Boston University: International Honors Program: Nature, Culture, Justice. England, Tanzania, India, New Zealand and Mexico (Sept '03-May '04)

Outreach and Engagement Experience

Assistant Professor of Practice, Coastal Fisheries Extension, Jul 2016 – Present

Oregon Sea Grant, Oregon State University Extension Service – Clatsop County, Astoria, OR

- Design, coordinate, deliver and evaluate community education programs related to commercial fisheries that foster sustainability of fishery resources, and the public's understanding of those resources.
- Deliver programs that assist commercial fishermen and fishing communities to be better integrated into decision making and problem solving.
- Promote understanding of fisheries and coastal policy.

Faculty Research Assistant Mar 2013 – Jun 2016

Oregon State University, Seabird Oceanography Lab, Portland and Newport, OR

- Establish partnerships with commercial fishermen and managers on the U.S. West Coast and Alaska.
- Develop outreach materials on reducing seabird bycatch in the West Coast longline fishery for sablefish.
- Plan and lead informational workshops for fishermen at project initiation, and project completion to report research findings and develop management recommendations in partnership with the fleet.

- Develop content, build, and manage project and lab websites.

Advisory Committee Rapporteur Jun 2009 – Apr 2011

Fishermen Involved in Natural Energy and Oregon Sea Grant, Newport, OR

- Recorded proceedings of monthly meetings of Lincoln County fishermen's advisory committee on marine renewable energy for the public record.

Teaching Assistant May 2009, Apr – Jun 2010, Jan – Mar 2011

Oregon State University, Newport and Corvallis, OR

- Introduction to Marine Life, FW/BI 111, 14 students.
- Biological Oceanography, OC 440, 24 students.
- Introduction to Oceanography, OC 331 eCampus, 27 students.

Coastal Wildlife Education Specialist (AmeriCorps) Jan 2006 – Dec 2006

USFWS Oregon Coast National Wildlife Refuge Complex, Newport, OR

- Revised and instructed a six-month coastal environmental education program to over 700 students.
- Provided public interpretation at wildlife viewing areas and led kayak tours on estuarine refuges.

Raptor Center Assistant/Outdoor School Administrator Aug 2005 – Dec 2005

Glen Helen Outdoor Education Center and Raptor Center, Yellow Springs, OH

- Provided administrative support to all aspects of a residential outdoor school program.
- Managed the daily care of 30+ education and rehabilitation birds, evaluated rehabilitation patients.

Naturalist Jan 2005 – Jun 2005

Glen Helen Outdoor Education Center, Yellow Springs, OH

- Designed and lead trail-based environmental educational programs in a residential outdoor school.

After-School Science Group Leader Oct 2002 – Jun 2003

Advocates for Women in Science, Engineering and Math (AWSEM), Portland, OR

- Planned, organized, and lead science-based after school club meetings for middle school girls and coordinated site visits.

Environmental Educator (AmeriCorps) Sep 2001 – Aug 2002

Camp Stevens, Julian, CA

- Planned and implemented experiential environmental education, high ropes challenge courses, and supervised summer camp counselors.

Biological Experience

Faculty Research Assistant Mar 2013 – Jun 2016

Oregon State University, Seabird Oceanography Lab, Portland and Newport, OR

- Coordinate and conduct research aboard fishing and research vessels, at coastal sites and offshore islands.
- Provide expert opinion and write biological reviews for state and federal management documents.
- Mentor and assist graduate and undergraduate student researchers with ongoing research projects.

Volunteer Wildlife Biologist Jan – Feb 2014

USFWS Midway Atoll National Wildlife Refuge, Midway Atoll, HI

- Collected breeding biology and survival data, deployed GPS tracking devices, collected feather and blood samples of black-footed and Laysan albatrosses at a remote site in the Northwestern Hawaiian Islands.

- Telecommuted to maintain 0.5 FTE involvement in my Oregon State University FRA position.

Seabird Monitoring Crew Leader Apr 2012 – Sep 2012

USFWS Alaska Maritime National Wildlife Refuge, Homer and Aiktak Island, AK

- Collected data on 13 species of seabirds as part of a long-term monitoring program on a remote, uninhabited island in the eastern Aleutians.
- Supervised field personnel, ensured data quality and accuracy, conducted prioritization and scheduling, supervised refinement of procedures, and managed all operations during four-month field season.
- Proofed, compiled, and summarized all research findings as primary author on final season report.

Marine Ecology Graduate Student Researcher Sep 2009 – Apr 2012

Oregon State University, Seabird Oceanography Lab, Corvallis and Newport, OR

- Led fisheries collaborative research on foraging ecology of fish and seabirds off the Oregon coast.
- Established new partnerships with recreational and commercial fishermen and other research groups to obtain fish diet samples.
- Co-mentored NSF funded REU undergraduate interns during June–Aug, 2010 and 2011.
- Trained and supervised technicians and volunteers on field and laboratory equipment and protocol.
- Obtained over \$50,000 in student research grants and scholarships to fully fund graduate work.

Biological Technician Jun 2009 – Aug 2009

USFWS Oregon Coast NWR Complex, Newport, OR

- Developed protocol for digital aerial photography analysis of seabird populations and assisted with the first botanical inventory of Oregon's islands.
- Intermittent duties from Sept 2009-Feb 2012.

Island Ecology Research Associate Jan 2009 – Mar 2009

Juan Fernandez Islands Conservancy, Robinson Crusoe Island, Chile

- Designed and executed independent research to assess the impacts of cattle trampling on pink-footed shearwater on Robinson Crusoe Island.
- Wrote recommendations for future cattle management for CONAF, the Chilean land management agency on the island, which led to the construction of a fence to exclude cattle in 2011.

Waterfowl Technician Oct 2008 – Dec 2008

USFWS Oregon Coast NWR Complex, Newport, OR

- Conducted weekly counts and collar re-sighting surveys for Semidi Island Aleutian cackling geese in Pacific City, Oregon.

Steller Sea Lion Research Assistant Sep 2008 – Dec 2008

Oregon State University, Marine Mammal Institute, Newport OR

- Assisted with camera testing, deployment and maintenance and conducted video analysis of maternal attendance and animal entanglement rates.

Seabird Survey Technician Jun 2008 – Sep 2008

USFWS, Oregon Coast National Wildlife Refuge Complex, Newport, OR

- Conducted Oregon burrow nesting seabird census by small boat as part of a three-person team.

Biological Experience Continued

Coastal Dune Ecosystem Research Assistant Oct 2007 – Jun 2008

Oregon State University, Dept of Zoology, Dr. Sally D. Hacker Lab, Corvallis, OR

- Compiled western snowy plover breeding data for 10 habitat restoration areas and assisted with preliminary analysis.
- Co-coordinated the 2008 Pacific Northwest Coastal Dune Ecosystem Meeting, Feb 2008.

Biological Technician Jan 2007 – Sep 2007

USFWS, Oregon Coast National Wildlife Refuge Complex, Newport, OR

- Conducted aerial photograph interpretation and data management of the Oregon Seabird Census.
- Led peregrine falcon nest monitoring effort at 14 sites from Cape Meares to Gold Beach, Oregon.

Honors and Awards

2015 Presidential Migratory Bird Stewardship NOAA-NMFS Partner Award for Preventing Migratory Seabird Mortality in the U.S. West Coast Groundfish Longline Fisheries

Pacific Seabird Group 2012, Runner-up Best Student Paper

Markham Symposium 2011 Best Presentation (\$200)

Markham Symposium 2011 Honorable Mention Poster

Markham Symposium 2009 Best Poster Award (\$100)

U.S. Fish and Wildlife STAR Award 2009 (\$910)

Outstanding Senior in Natural Resources, 2009

Inducted in to Phi Kappa Phi Honor Society, 2009

Drucilla Smith Award for 4.0 GPA, June 2008

Undergraduate Honor Roll (Fall 2007-Spring 2009)

U.S. Fish and Wildlife STAR Award 2007 (\$450)

Peer-Reviewed Publications

Gladics AJ, Hodum PJ, Roby DD. Impacts of cattle on nest burrows of a threatened seabird, the pink-footed shearwater (*Puffinus creatopus*) on Robinson Crusoe island, Juan Fernández Archipelago, Chile. In prep.

Gladics, AJ, Melvin EF, Suryan RM, Good TP, Jannot JE, Guy TJ. 2017. Fishery-specific solutions to seabird bycatch in the U.S. West Coast sablefish fishery. Fisheries Research. In Press.

Sydeman, WJ, Thompson, SA, Anker-Nilssen, T, Arimitsu, M, Bennison, A, Boersch-Supan, P, Bransome, N, Boyd, C, Crawford, RJM, Daunt, F, Furness, R, Gianuca, D, **Gladics, AJ**, Koehn, L, Lang, J, Logerwell, E, Morris, T, Phillips, EM, Provencher, J, Punt, A, Saraux, C, Shannon, L, Sherley, R, Simeone, A, Wanless, R, Wanless, S, Zador, S. 2017. Best practices for assessing forage fish fisheries - seabird resource competition. Fisheries Research. <https://doi.org/10.1016/j.fishres.2017.05.018>

Mcclatchie S, Goericke R, Leising A, Auth TD, Bjorkstedt E, Robertson RR, Brodeur RD, Du X, Daly EA, Morgan CA, Chavez FP, Debich AJ, Hildebrand J, Field J, Sakuma K, Jacox MG, Kahru M, Kudela R, Anderson C, Lavaniegos BE, Gomez-Valdes J, Jiménez-Rosenberg S, Patricia A, McCabe R, Melin SR, Ohman MD, Sala LM, Peterson B, Fisher J, Schroeder ID, Bograd SJ, Hazen EL, Schneider SR, Golightly RT, Suryan RM, **Gladics AJ**, Loredó S, Porquez JM, Thompson AR, Weber ED, Watson W, Trainer V, Warzybok P, Bradley R, Jahncke J. 2016. State of the California Current 2015-2016: Comparisons with the 1997-1998 El Niño. CalCOFI Reports, 57, 1-57.

Humphries GRW, Flemming SA, **Gladics AJ**, Hammer S, Hart KA, Hirata K, Antolos M, Kappes PJ, Magnusdottir E, Major HL, McDuie F, McOmber K, Orben RA, Schmid MS, Willie M. 2016. Bridging the gap from student to senior scientist: Recommendations for engaging early-career scientists in professional biological societies. Marine Ornithology 44: 157-166.

Gladics AJ, Suryan RM, Parrish JK, Horton CA, Daly EA, Peterson WT. 2015. Environmental drivers and reproductive consequences of variation in the diet of a marine predator. Journal of Marine Systems doi: 10.1016/j.jmarsys.2014.06.015

Leising A, Schroeder ID, Bograd SJ, Bjorkstedt E, Field J, Sakuma K, Abell J, Robertson RR, Tyburczy J, Peterson W, Brodeur RD, Barcelo C, Auth TD, Daly EA, Campbell GS, Hildebrand JA, Suryan RM, **Gladics AJ**, Horton CA, Kahru M, Manzano-Sarabia M, McClatchie S, Weber ED, Watson W, Santora JA, Sydeman WJ, Melin SR, DeLong RL, Largier J, Kim SY, Chavez FP, Golightly GT, Schneider SR, Warzybok P, Bradley R, Jahncke J, Fisher J, Peterson J. State of the California Current 2013-2014: El Niño looming. 2015. California Cooperative Fisheries Investigations Reports, vol. 55.

Gladics AJ, Suryan RM, Brodeur RD, Segui LM, Filliger LZ. 2014. Constancy and change in marine predator diets across a shift in oceanographic conditions in the northern California Current. Marine Biology doi: 10.1007/s00227-013-2384-4

Wells B, Schroeder ID, Santora JA, Hazen EL, Bograd SJ, Bjorkstedt E, Loeb VJ, McClatchie S, Weber ED, Watson W, Thompson AR, Peterson W, Brodeur RD, Harding J, Field J, Sakuma K, Hayes S, Mantua N, Sydeman WJ, Losekoot M, Thompson SA, Largier J, Kim SY, Chavez FP, Barcelo C, Warzybok P, Bradley R, Jahncke J, Goericke R, Campbell GS, Hildebrand JA, Melin SR, DeLong RL, Gomez-Valdes J, Lavaniegos B, Gaxiola-Castro G, Golightly RT, Schneider SR, Lo N, Suryan RM, **Gladics AJ**, Horton CA, Fisher J, Morgan C, Peterson J, Daly EA, Auth TD, and Abell J. State of the California Current 2012-2013: No Such Thing as an "Average" Year. 2014. California Cooperative Fisheries Investigations Reports, vol. 54.

Bjorkstedt EP, Goericke R, McClatchie S, Weber E, Watson W, Lo N, Peterson WT, Brodeur RD, Auth T, Fisher J, Morgan C, Peterson J, Largier J, Bograd SJ, Durazo R, Gaxiola-Castro G, Lavaniegos B, Chavez FP, Collins CA, Hannah B, Field J, Sakuma K, Satterthwaite W, O'Farrell M, Hayes S, Harding J, Sydeman WJ, Thompson SA, Warzybok P, Bradley R, Jahncke J, Golightly RT, Schneider SR, Suryan R, **Gladics AJ**, Horton CA, Kim SY, Melin SR, DeLong RL, Abell J. State of the California Current 2011-2012: Ecosystems respond to local forcing as La Nina wavers and wanes. 2013. California Cooperative Fisheries Investigations Reports, vol. 53

Thesis and Reports

Gladics AJ, Suryan RM. 2014. Birds section of State of Oregon geographic location description: Analysis of reasonably foreseeable effects of federal actions related to marine renewable energy projects on resources and uses occurring within the federal waters of the Oregon ocean stewardship area. Oregon Department of Land Conservation and Development, Coastal Management Program. Salem, Oregon. 24 pp.

Gladics AJ, Suryan RM, Todd L, Lance E. 2014. Section 2.2.2 New information since previous review in short-tailed albatross (*Phoebastria albatrus*) 5-year review: Summary and evaluation. U.S. Fish and Wildlife Service Report. Anchorage, Alaska. 14 pp.

Gladics AJ, Anholt AR, Drummond BA. Biological monitoring at Aiktak Island, Alaska in 2012. U.S. Fish and Wildlife Service Report, AMNWR 2013/01. Homer, Alaska. 160 pp.

Gladics AJ. 2012. Dietary responses of marine predators to variable oceanographic conditions in the northern California Current. Unpublished M.S. thesis. Oregon State University, Corvallis Oregon. 100 pp.

Hildenbrand K, **Gladics AJ**, Eder R. 2011. Adult male Dungeness crab (*Metacarcinus magister*) movements near Reedsport, Oregon from a fisheries collaborative mark-recapture study. Oregon Wave Energy Trust, Portland Oregon. 21 pp.

Selected Presentations

Gladics AJ, East J. Incorporating outreach and engagement into your graduate research. Oregon Sea Grant Scholars Professional Development Workshop (3 hrs.), Corvallis, Oregon. November 9, 2016. Interactive Workshop and Oral Presentation.

Gladics AJ, Hammer S. "Meet the Masters" seven-part online videoconference series. 2nd World Seabird Conference, Early Career Scientist Committee Initiative. March – October, 2015. Online archive: https://www.youtube.com/channel/UClpZ6Pf_1mshnE3u4Ya0F4w/videos

Gladics AJ, Melvin EF, Suryan RM, Guy TJ, Tyburczy JA. Collaborating with fishermen to reduce seabird bycatch in West Coast sablefish fisheries. American Fisheries Society, Bycatch Symposium. Portland, Oregon. August 16-21, 2015. Oral Presentation.

Gladics AJ, Suryan RM, Parrish JK, Horton CA, Brodeur RD, Peterson WT. Causes and consequences of highly variable diets of common murrelets on the Oregon Coast. Pacific Seabird Group Annual Meeting, Kahuku, Hawaii. Feb 7-11, 2012. Oral Presentation. *Runner-up for Best Student Paper*.

Gladics AJ, Suryan RM, Brodeur RD, Segui LM, Filliger LZ. Seabirds, Salmon and Groundfish: Using predator diets to track shifts in the marine prey community in the northern California current. CalCOFI Conference, San Diego, California. Dec 12-14, 2012. Oral Presentation.

At-Sea Cruises

NOAA Rockfish Cruise, Seabird Observer	R/V Bell M. Shimada	28 days, 6/15, 6/16
OSU Seabird Bycatch Research/Longline fishing	5 Fishing Vessels	31 days, 4/14–10/14
NOAA Rockfish Cruise, Seabird Observer	R/V Ocean Starr	18 days, 6/13, 6/14
USFWS Research Camp Deployment, Puffin Research	M/V Tiglax	11 days, 5/12, 8/12, 9/12
NOAA Cruise, Ocean Ecology and Prey Field Studies	R/V Miller Freeman	7 days, 6/10
ODFW Rockfish Tagging Research Cruise	F/V Misty	1 day, 6/10
OSU Research Cruises, HABs and Seabird Studies	R/V Elakha	6 day cruises, 10/08 – 10/13
USFWS Nearshore Seabird Colony Surveys	21'-24' Motorboats	60+ day cruises, 6/06-8/09

Selected Service Activities

World Seabird Union, ECS committee 1/14 - present	HsO Secretary and Recycling Coordinator 9/11 - 4/12
Pacific Seabird Group, Local Committee 10/12 - 2/13	Scientist and Fishermen Exchange member 9/09 - 4/12
Hatfield Student Organization (HsO), 6/10 - 4/12	COAS Grad Student Advisory Council, 9/09 - 9/10

Professional Memberships

American Fisheries Society	Pacific Seabird Group
	Society for Conservation Biology

Skills and Other Training

Microsoft Office Suite	GMRI Marine Resource Education Program West (40 hrs)
Wordpress web content management	NOAA Planning for Meaningful Evaluation (20 hrs)
Drupal 7 web content management	NOAA Facilitating Collaborative Meetings (16 hrs)
Google apps	OSU Outreach & Engagement Bus Tour 2016 (20 hrs)
Adobe Creative Suite software	DOI Motorboat Operator Training Certification (25 hrs)
Access database design and management	Sea Safety and Vessel Emergency Procedures (8 hrs)
PC-ORD statistical software	Red Cross First Aid and CPR Certification (8 hrs)
R statistical software	ICF International NEPA process workshop (4 hrs)