

# Rosana Paredes | Curriculum Vitae

Pacific Rim Biological – 21 Boswell Cres. Y1A 4T2 Whitehorse YT. Canada  
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Over 20 years of experience leading research projects using biologging, physiology, and mitigation techniques in Peru, Alaska and Canada focused on the behavior ecology and conservation biology of seabirds in order to increase our understanding of ecosystem functioning, and the conservation of marine environments.

## Education

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<b>Department of Biology, Memorial University</b>	<b>Newfoundland, Canada</b>
Ph.D. in Biology with emphasis in foraging ecology	2008
<b>Cayetano Heredia University</b>	<b>Lima, Peru</b>
Licentiate in Biology – Professional Title	1989
<b>Cayetano Heredia University</b>	<b>Lima, Peru</b>
Bachelor in Science and Philosophy	1988

## Positions

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### Department of Fish and Wildlife, Oregon State University (OSU)

*Affiliated Research Faculty*

**2012-present**

\*Project “Early breeding season responses of red-legged kittiwakes to changes of prey availability and linkages to the non-breeding stage” funded by the North Pacific Research Board (NPRB) # 1409. Feb 2012-Jun 2018. Principal Investigator.

*Postdoctoral Position* Dr. Daniel Roby (OSU) and Dr. David Irons (USFWS)

**2008-2012**

\*Project: “Seabird telemetry of black-legged kittiwakes and thick-billed murrelets at the Pribilof Islands, Alaska” BSIERP funded by North Pacific Research Board.

### Department of Biology, Cayetano Heredia University (UPCH) – Lima Peru

**2013-present**

*Research Associate Punta San Juan Program*

\*Project: “Tracking Seabirds to help Marine protected Area functionality in Peru” funded by Pacific Seabird Group, Oregon State University, Riverbanks Zoo, Ornithological Council, and Idea Wild. 2013; 2017. Principal Investigator.

\*Project: “Multi-year tracking of Guanay cormorants at Punta San Juan” funded by the Pacific Seabird Group and other funders. Collaborator.

### Pacific Rim Biological – Whitehorse Yukon

**2017- present**

*Research Consultant*

- \*Project: “Cape Parry, NWT, Thick-billed murres Core-use areas” funded by Wildlife Conservation Society, Canada (Dr. Stephen Insley PI). Feb-July 2020.
- \*Project: “Effects of the Bering Sea Pollock Fishery on the Pribilof Domain Ecosystem” funded by the Moore Foundation (Dr. Jeffrey Short PI). Nov 2018-2019.
- \*Project: “Logistical and Research Assessment for conducting an Ecological study of the Cape Parry population of Thick-billed murres (*Uria lomvia*)” funded by Wildlife Conservation Society, Canada ( Wildlife Conservation Society (Dr. Stephen Insley PI).
- \*Project: “Multi-year counts of Sea ducks and gulls nearshore of the Pribilof Islands, Alaska. Funded by Wildlife Conservation Society, Canada (Dr. Stephen Insley PI). Jun 2016-Jun 2017.

## **Stantec –Whitehorse Yukon**

**2019-Present**

### *Senior Seabird Biologist*

- \*Project: Beaufort Region Strategic Environmental Assessment. Kavik- Stantec Inc. Aug-Dec 2019.
- \*Project: Marine Bird Monitoring and Management Plan for Woodfibre LNG. Aug-Sep 2020.

## **Selected publications**

- Fleishman, AB, Orben RA, Kokubun N, Will A, **Paredes R**, Ackerman JT, Takahashi A, Kitaysky AS, Shaffer SA. (2019) Wintering in the western subarctic Pacific increases mercury contamination of red-legged kittiwakes. *Environ. Sci. Technol.* 53 (22), 13398-13407
- Kokubun N, Takahashi A, **Paredes R**, Young RC, Sato N, Yamamoto T, et. al. (2018). Inter-annual climate variability affects foraging behavior and nutritional state of thick-billed murres breeding in the southeastern Bering Sea. *Mar Ecol. Prog. Ser.* 593: 1995-208.
- Paredes R**, Orben RA, Roby DD, Irons DB, Young R, Renner H, Tremblay Y, et al. Will A, Harding AMA, Kitaysky A (2015) Foraging ecology during nesting influences body size in a pursuit diving seabird. *Mar. Ecol. Prog. Ser.* 533:261-276
- Paredes R**, Orben RA, Suryan RM, Irons DB, Roby DD, Harding AMA, Young R, Benoit-Bird K, et al. (2014) Foraging responses of blacklegged kittiwakes to prolonged food-shortages around colonies in the Bering Sea Shelf. *PLoS ONE* 9(3): e92520. doi:10.1371/journal.pone.0092520.
- Paredes R**, Harding AMA, Irons DB, Roby DD, Suryan R, Orben RA, Renner H, Young R, Kitaysky A (2012) Proximity to multiple foraging habitats enhances seabirds’ resilience to local food shortages. *Mar. Ecol. Prog. Ser.* 471: 253-269.
- Paredes R**, Jones IL, Boness DJ, Tremblay Y, Renner M (2008) Sex-specific differences in diving behaviour of two sympatric Alcid species: thick-billed murres and razorbills. *Can. J. Zool.* 86: 610-622, doi: 10.1139/z08-036.
- Paredes R**, Jones IL, Boness DJ (2005) Reduced parental care, compensatory behaviour and reproductive costs experienced by female and male thick-billed murres (*Uria lomvia*) equipped with data loggers. *Anim. Behaviour* 69: 197-208.
- Paredes R**, Zavalaga CB (2001) Nesting sites and nest types as important factors for the conservation of Humboldt penguins (*Spheniscus humboldti*). *Biol. Conservation* 100: 199-205.