

CURRICULUM VITAE

CURRICULUM VITAE: SETH LOMBARD DANIELSON

S.R. Jayne, T. Klenz, C.M. Lee, Y.D. Lenn, A.J. Lucas, B. Lund, C. Mahaffey, L. Norman, L. Rainville, M.M. Smith, S. Torres-Valdes, and K.R. Wood, in review. A warm jet in a cold ocean: subduction and heat storage in the new Arctic

9. Zinkann, A.M.J. Wooler, M.B. Leigh, **S.L. Danielson**, G. Gibson, and K. Iken, Digging deep: Depth

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Weatherall, W. Weinrebe, J.K. Willis, M. Wood, Y. Zarayskaya, T. Zhang, M. Zimmermann, K.B. Zinglensen, The International Bathymetric Chart of the Arctic Ocean Version 4.0,

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2017

20. **Danielson, S.L.**, Eisner, L., Ladd, C., Mordy, C., Sousa, L. and Weingartner, T.J., 2017. A comparison between late summer 2012 and 2013 water masses, macronutrients, and phytoplankton standing crops in the northern Bering and Chukchi Seas. *Deep Sea Res. II: Topical Studies in Oceanogr.*, 135, pp.7-26.
21. Marsh, J.M., Mueter, F.J., Iken, K. and

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L19602, doi:10.1029/2006GL026612.

46. **Danielson, S.**, K. Aagaard, T. Weingartner, S. Martin, P. Winsor, G. Gawarkiewicz, and D. Quadfasel, 2006. The St. Lawrence polynya and the Bering shelf circulation: New observations and a

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58. Weingartner, T.J., **S.L. Danielson**, L. Dobbins, and R. Potter, 2013. Physical Oceanographic Measurements

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M.S. Committee

Dr. Thomas J. Weingartner (chair)

Dr. Mark A. Johnson

Dr. Andrey Proshutinsky

Dr. Bruce Finney

Teaching

MSL 620, Fall 2019: Physical Oceanography

MSL F494, Spring 2019: Computer Programming for Scientific Applications

MSL F494, Spring 2017: Computer Programming for Scientific Applications

MSL F494, Spring 2015: Computer Programming for Scientific Applications

MSL F697, Spring 2014: Independent Study: Chukchi Sea Ocean and Ice Dynamics and Kinematics

Graduate Student Committees (active)

Delaney Coleman, M.S. Oceanography

Silvana Gonzalez, PhD. University of Washington Fisheries

Brittany Jones, PhD. Marine Biology

Annie Kandel, M.S. Oceanography

Heidi Mendoza-Islas, M.S. Oceanography

Emily Ortega, M.S. Oceanography

Alexandra Poje, M.S. Oceanography

Isaac Reister, PhD. Oceanography (Chair)

Savannah Sandy, M.S. Oceanography (Chair)

Akila Sampath, Ph.D. Atmospheric Science

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Scientific journal peer reviews

- *Climate Dynamics*
- *Continental Shelf Research*
- *Deep-Sea Research II: Topical Studies in Oceanography*
- *EOS*
- *Frontiers in Marine Science*
- *Geophysical Research Letters*
- *Journal of Geophysical Research: Biogeosciences*
- *Journal of Geophysical Researchical Rnalscnces*

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2018

- Interview on local radio KIAK with Peter Van Nort, Fairbanks AK, Nov, 2018
- Presentation at Arctic Waterways Safety Commission meeting, Anchorage, AK, Oct. 2018
- Presentation at Alaska Eskimo Whaling Commission meeting, Fairbanks, AK, Jul. 2018
- Contribution to The Nome Nugget article *UAF Research Vessel Sikuliaq Visits Nome* (J. Mason, 29 Jun. 2018)

2017

- Contribution to Ketchikan Daily News article *UAF vessel launches Bering research program* (E. Granger, 31 Jul. 2017)
- Contribution to KNOM article *UAF research Vessel Begins Ecosystem Study in Bering and Chukchi Seas* (D. Hovey, 3 Jul. 2017)
- Contribution to KNOM article *Scientists Study Spring Transition in Bering Strait Waters* (G. Colombo, 27 Jun. 2017)
- Contribution to Fairbanks Daily News *Minq 0.24 0 0 0.24 11.990.6 (e) -2.3 (u)*

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Oral presentation, Rate Experiments of the Arctic Integrated Ecosystem Research Program, IARPC Ecosystem Collaboration Team meeting, November, 2018

Poster presentation, Acrobat Observations along the Gulf of Alaska Hydrographic Tightrope, Monterey, CA, LTER All-hands meeting, October 2018

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- Oral presentation, Ocean physics: relevant mechanisms, length scales, and time scales. Fostering

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- Poster presentation, Thermal and haline variability over the central Bering Sea shelf: Seasonal and inter-annual perspectives. AGU/ASLO Ocean Sciences meeting, Portland, OR, February, 2010
- Poster presentation, Seasonal and inter-annual temperature and salinity variability over the eastern Bering Sea shelf. Alaska Marine Science Symposium, Anchorage, AK, January 2010

2009

- Oral presentation, 2009 Alaska Marine Science Symposium, Anchorage, AK: Danielson, S., T. Weingartner, T. Reeve, W. Jones, 2009. A satellite-tracked drifter perspective of the nearshore Bering Sea: science and outreach.
- Oral presentation, 2009 Kuskokwim Area Interagency Fisheries Meeting, Anchorage, AK: S.

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12. Atautchikkun Iitichisukluta: Coming together to learn: Co-producing knowledge across the Northwest Passage, NSF, 2019, "\$240,937", CoPI
13. Bering Strait High Frequency Radar, AOOS/IOOS, 2019, "\$1,108,286", PI
- 14.

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BIOGRAPHICAL SKETCH

Seth