

PEER REVIEWED PUBLICATIONS

Rouse, NM, K Burek-Huntington, CEC Goertz, N Hunter, S Radhakrishnan, T Ford. (2025)

Erysipelothrix in Cook Inlet, Alaska, USA: an emerging bacterial pathogen of the endangered Cook Inlet beluga whale. *Diseases of Aquatic Organisms*. 163:1-16. <https://doi.org/10.3354/dao03859>

Rouse N, J Buttler, K Pabilonia, C Weller, L Respicio-Kingry, E Dietrich, E Dietrich, J Petersen, G Kovalenko, E Bortz, and K Burek Huntington. 2025. *Francisella tularensis* subspecies *bolarctica* in stranded beluga whales, Cook Inlet, Alaska, USA. *Emerg Infect Dis*. 31 (6) <https://doi.org/10.3201/eid3106.250033>

Lefebvre KA, CM Campbell, LM Divine, P Melovidov, H Hellen, K Burek Huntington, EK Bowers, **N Rouse**, E Fachon, TJ Farrugia, RS Pickart, P Lin, L Lago, F Bahr, E Furst, CG Duncan, P Charapata, DM Anderson, G Kurtay. (2025). Saxitoxin linked to deaths of northern fur seals in the Southeast Bering Sea. *Marine Mammal Science*. Pp. 1-11 <https://doi.org/10.1111/mms.70028>

Puryear W, R Canas-Arranz, K Sawatzki, N Hill, A Foss, **N Rouse**, C Pace, K Burek Huntington, A van de Guchte, Z Khalil, A Gonzalez-Reiche, RL Pearl, S Guerro-García, H van Bakel, RA Albrecht, A García-Sastre, and J Runstadler. *In review* 2024. Isolation and characterization of a novel H3N6 from a Harbor seal (*Phoca vitulina*) in the North Pacific. *Emerging Infectious Diseases*

Pace C, Goertz CEC, Woodie K, Belovarac J, **Rouse N**, Abraham T, Tuomi P, Garner M. 2023. Histological Analysis of Testicular Development and Sexual Maturation in Rehabilitated Northern Sea Otters (*Enhydra lutris kenyoni*). *Journal of Zoo and Wildlife Medicine* 54(2): 67-373. DOI: 10.1638/2022-0129

Rouse N, Burek Huntington K. 2023 Cook Inlet beluga whale (*Delphinapterus leucas*) with valvular endocarditis, encephalitis, rhabdomyolysis, heavy parasitism, and fungal dermatitis. *Diseases of Aquatic Organisms* 155:1-6. <https://doi.org/10.3354/dao03736>

Rouse NM, Counihan KL, Boege Tobin DD, Goertz CEC 2021. Habitat Associations between *Streptococcus boris/equinus* complex and *Streptococcus phocae*, the causative agents of strep syndrome in sea otters, and the marine environment. *Marine Ecology*. 2022;43e12689 <http://doi.org/10.1111/maec.12689>

Burek-Huntington, KA, **Rouse N**, Nielsen O, Romero C, and Shelden KEW 2021. False-positive polyomavirus infection in a stranded, pregnant Cook Inlet beluga whale (*Delphinapterus leucas*). U.S. Dep. Commer., NOAA Tech. Memo. NMFS-AFSC-425, 25p <https://repository.library.noaa.gov>

Rouse N, Counihan K, Goertz C, Duddleston K 2021. Competency of common northern sea otter (*Enhydra lutris kenyoni*) prey items to harbor *Streptococcus lutetiensis* and *Streptococcus phocae*. *Diseases of Aquatic Organisms* 143:69-78 <https://doi.org/10.3354/dao03652>.

Mooney A, Castellote M, Jones I, **Rouse N**, Rowles T, Mahoney B, Goertz CEC. Audiogram of a Cook Inlet beluga whale (*Delphinapterus leucas*). *The Journal of the Acoustical Society of America* 148(5) 3141–3148 2020.

Rouse N, Burek-Huntington K, Shelden KEW. Asphyxiation of an Endangered Cook Inlet Beluga *Delphinapterus leucas*. *Marine Fisheries Review* 78(2) 38-43 2017.

Fox KA, Wootton SK, Marolf A, **Rouse NM**, LeVan IK, Spraker TR, Miller MW, Quackenbush SL, “Experimental Transmission of Bighorn Sheep Sinus Tumors to Bighorn Sheep (*Ovis canadensis canadensis*) and domestic sheep” *Veterinary Pathology* 53 (6) 1164-1171. 2016.

Fox KA, **Rouse NM**, Huyvaert KP, Griffin KA, Killion HJ, Jennings-Gaines J, Edwards WH, Quackenbush SL, and Miller MW. “Bighorn Sheep (*Ova Canadensis*) Sinus Tumors Are Associated With Possibly Pathogenic Bacteria in the Upper Respiratory Tract”. *Journal of Wildlife Diseases* 51(1):19-27. 2015.

Goertz CEC, Walton R, **Rouse N**, Belovarac J, Tuomi P, Burek-Huntington KA, Xavier C, Garrett N, and Hobbs R., “*Vibrio parahaemolyticus*, a Climate Change Indicator in Alaska Marine Mammals” In Responses of Arctic Marine Ecosystems to Climate Change, Alaska Sea Grant, Fairbanks AK 2013.