

James Andrew Fahlbusch

Ph.D. Student in Biology, admitted Autumn 2018

Publications

PUBLICATIONS

- **Lunge filter feeding biomechanics constrain rorqual foraging ecology across scale.** *The Journal of experimental biology*
Kahane-Rapport, S. R., Savoca, M. S., Cade, D. E., Segre, P. S., Bierlich, K. C., Calambokidis, J., Dale, J., Fahlbusch, J. A., Friedlaender, A. S., Johnston, D. W., Werth, A. J., Goldbogen, J. A.
2020
- **Seasonal activity levels of a farm-island population of striated caracaras (*Phalacrocorax australis*) in the Falkland Islands** *Animal Biotelemetry*
Harrington, K. J., Fahlbusch, J. A., Langrock, R., Therrien, J., Houtz, J. L., McDonald, B. I.
2020; 8
- **A Case Study of a Near Vessel Strike of a Blue Whale: Perceptual Cues and Fine-Scale Aspects of Behavioral Avoidance** *FRONTIERS IN MARINE SCIENCE*
Szesciorka, A. R., Allen, A. N., Calambokidis, J., Fahlbusch, J., McKenna, M. F., Southall, B.
2019; 6
- **Extreme bradycardia and tachycardia in the world's largest animal** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Goldbogen, J. A., Cade, D. E., Calambokidis, J., Czapansky, M. F., Fahlbusch, J., Friedlaender, A. S., Gough, W. T., Kahane-Rapport, S. R., Savoca, M. S., Ponganis, K. V., Ponganis, P. J.
2019; 116 (50): 25329–32
- **A low-cost, open-source inertial movement GPS logger for eco-physiology applications.** *The Journal of experimental biology*
Fahlbusch, J. A., Harrington, K. J.
2019
- **The advantages of diving deep: Fin whales quadruple their energy intake when targeting deep krill patches** *FUNCTIONAL ECOLOGY*
Friedlaender, A. S., Bowers, M. T., Cade, D., Hazen, E. L., Stimpert, A. K., Allen, A. N., Calambokidis, J., Fahlbusch, J., Segre, P., Visser, F., Southall, B. L., Goldbogen, J. A.
2019
- **Differential Vulnerability to Ship Strikes Between Day and Night for Blue, Fin, and Humpback Whales Based on Dive and Movement Data From Medium Duration Archival Tags** *FRONTIERS IN MARINE SCIENCE*
Calambokidis, J., Fahlbusch, J. A., Szesciorka, A. R., Southall, B. L., Cade, D. E., Friedlaender, A. S., Goldbogen, J. A.
2019; 6
- **Context-dependent variability in blue whale acoustic behaviour** *ROYAL SOCIETY OPEN SCIENCE*
Lewis, L. A., Calambokidis, J., Stimpert, A. K., Fahlbusch, J., Friedlaender, A. S., McKenna, M. F., Mesnick, S. L., Oleson, E. M., Southall, B. L., Szesciorka, A. R., Sirovic, A.
2018; 5 (8): 180241