



## Ashley Marie Blawas

Postdoctoral Scholar, Oceans

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### Bio

#### PROFESSIONAL EDUCATION

- BSE, Duke University , Biomedical Engineering (2018)
- PhD, Duke University , Marine Science (2023)

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### Research & Scholarship

#### LAB AFFILIATIONS

- Jeremy Goldbogen (6/1/2023)

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### Teaching

#### COURSES

2023-24

- Bio-logging and Bio-telemetry: OCEANS 14H (Spr)

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### Publications

#### PUBLICATIONS

- **Short-finned pilot whales modulate surfacing and breathing patterns more strongly in response to dives than in anticipation.** *American journal of physiology. Regulatory, integrative and comparative physiology*  
Blawas, A. M., Shearer, J. M., Fahlman, A., Read, A. J., Nowacek, D. P.  
2025
- **Daily energetic expenditure and energy consumption of short-finned pilot whales.** *The Journal of experimental biology*  
Gough, W. T., Madrigal, B. C., Hollers, A., Currie, J. J., Baird, R. W., West, K. L., Fahlman, A., Fish, F. E., Evans, L., van Aswegen, M., Stirling, B., Pacini, A., Olson, et al  
2025; 228 (21)
- **Life in the slowest lane: Feeding allometry lowers metabolic rate scaling in the largest whales.** *Science advances*  
Blawas, A. M., Videsen, S. K., Cade, D. E., Calambokidis, J., Friedlaender, A. S., Johnston, D. W., Madsen, P. T., Goldbogen, J. A.  
2025; 11 (32): eadw2232
- **Role of low-impact-factor journals in conservation implementation.** *Conservation biology : the journal of the Society for Conservation Biology*  
Choi, J. J., Gaskins, L. C., Morton, J. P., Bingham, J. A., Blawas, A. M., Hayes, C., Hoyt, C., Halpin, P. N., Silliman, B.  
2024: e14391
- **Aerobic dive limit in short-finned pilot whales *Globicephala macrorhynchus*: an assessment of behavioral criteria** *MARINE ECOLOGY PROGRESS SERIES*

Blawas, A. M., Miller, L. E., Shearer, J. M., Cioffi, W. R., Webster, D. L., Swaim, Z. T., Foley, H. J., Waples, D. M., Quick, N. J., Nowacek, D. P., Read, A. J.

2024; 744: 161-170

- **Passive acoustic surveys demonstrate high densities of sperm whales off the mid-Atlantic coast of the USA in winter and spring.** *Marine environmental research*

Boisseau, O., Nowacek, D., Pabst, D. A., Roberts, J., Blawas, A., Clabaugh, A., McLanaghan, R., Moscrop, A., Levenson, J. J.

2024; 201: 106674

- **An integrated comparative physiology and molecular approach pinpoints mediators of breath-hold capacity in dolphins.** *Evolution, medicine, and public health*

Blawas, A. M., Ware, K. E., Schmaltz, E., Zheng, L., Spruance, J., Allen, A. S., West, N., Devos, N., Corcoran, D. L., Nowacek, D. P., Eward, W. C., Fahlman, A., Somarelli, et al

2021; 9 (1): 420-430

- **Conditioned Variation in Heart Rate During Static Breath-Holds in the Bottlenose Dolphin (*Tursiops truncatus*).** *Frontiers in physiology*

Fahlman, A., Cozzi, B., Manley, M., Jabas, S., Malik, M., Blawas, A., Janik, V. M.

2020; 11: 604018