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Oceans

Bio

ACADEMIC APPOINTMENTS

- Basic Life Research Scientist, Oceans

Publications

PUBLICATIONS

- **Ontogenetic shifts in morphology and ecology of eastern Pacific white sharks revealed by computer vision.** *PLoS one*
DiGiacomo, A. E., Andrzejaczek, S., Block, B. A.
2026; 21 (5): e0348174
- **Only One Percent of Important Shark and Ray Areas in the Western Indian Ocean Are Fully Protected From Fishing Pressure.** *Ecology and evolution*
Cochran, J. E., Charles, R., Temple, A. J., Kyne, P. M., Garcia-Rodriguez, E., Gonzalez-Pestana, A., Batlle-Morera, A., Mouton, T. L., Armstrong, A. O., Rohner, C. A., Coker, D. J., Hardenstine, R. S., Kattan, et al
2026; 16 (1): e72690
- **Reef manta ray habitat use and residency at a remote marine protected area** *MARINE ECOLOGY PROGRESS SERIES*
Daley, S., Andrzejaczek, S., Schallert, R. J., Carlson, P. M., Caselle, J. E., Papastamatiou, Y. P., Block, B.
2025; 774: 219-232
- **Deep diving behaviour in oceanic manta rays and its potential function** *FRONTIERS IN MARINE SCIENCE*
Beale, C. S., Runtuboy, F., Sianipar, A. B., Beer, A. J. E., Kadarusman, Erdmann, M. V., Setyawan, E., Green, L., Duffy, C. A. J., Andrzejaczek, S., Block, B. A., Forsberg, K., Meekan, M., et al
2025; 12
- **A classification system for wounds and scars observed on white sharks (<i>Carcharodon carcharias</i>)** *FRONTIERS IN MARINE SCIENCE*
Anderson, S. D., Kanive, P. E., Chapple, T. K., Andrzejaczek, S., Block, B. A., Jorgensen, S. J.
2025; 12
- **Current methods and best practice recommendations for skate and ray (Batoidea) research: capture, handling, anaesthesia, euthanasia, and tag attachment** *REVIEWS IN FISH BIOLOGY AND FISHERIES*
Orrell, D. L., Andrzejaczek, S., Armstrong, A. O., Martins, A., Branco, I., Charvet, P., Chin, A., Elston, C., Espinoza, M., Greenway, E. S. I., Phillips, S., Mickle, M. F., Murray, et al
2025
- **Seasonal patterns of adult and subadult white shark presence at coastal aggregation sites in central California** *WILDLIFE RESEARCH*
Andrzejaczek, S., Chapple, T. K., DiGiacomo, A. E., Jorgensen, S. J., Anderson, S. D., Castleton, M., Kanive, P. E., Reimer, T. E. J., White, T. D., Block, B. A.
2025; 52 (5)

- **Lunar cycle effects on pelagic predators and fisheries: insights into tuna, billfish, sharks, and rays** *REVIEWS IN FISH BIOLOGY AND FISHERIES*
Andrzejczek, S., Digiacomo, A. E., Mikles, C. S., Pagniello, C. S., Reimer, T. E. J., Block, B. A.
2024
- **Maximizing biological insights from instruments attached to animals.** *Trends in ecology & evolution*
Beltran, R. S., Kilpatrick, A. M., Picardi, S., Abrahms, B., Barrile, G. M., Oestreich, W. K., Smith, J. A., Czapanskiy, M. F., Favilla, A. B., Reisinger, R. R., Kendall-Bar, J. M., Payne, A. R., Savoca, et al
2024
- **A framework for optimising opportunistic collaborative syntheses to propel ecological conservation** *BIOLOGICAL CONSERVATION*
Sequeira, A. M. M., Bates, A. E., Hays, G., Sims, D. W., Andrzejczek, S., Audzijonyte, A., Baum, J. K., Beal, M., Block, B., Cinner, J., Cowley, K., Gilman, E., Gleason, et al
2024; 298
- **Improving Ocean Management Using Insights from Space.** *Annual review of marine science*
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2024
- **Salmon shark seasonal site fidelity demonstrates the influence of scale on identifying potential high-use areas and vulnerabilities** *MARINE ECOLOGY PROGRESS SERIES*
Arnoldi, N. S., Carlisle, A. B., Andrzejczek, S., Castleton, M. R., Micheli, F., Schallert, R. J., White, T. D., Block, B. A.
2024; 735: 125-140
- **Stomach eversion and retraction by a tagged tiger shark at Ningaloo Reef, Western Australia** *FISHERIES RESEARCH*
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2024; 269
- **Connectivity between white shark populations off Central California, USA and Guadalupe Island, Mexico** *FRONTIERS IN MARINE SCIENCE*
Kanive, P. E., Rotella, J. J., Chapple, T. K., Anderson, S. D., Hoyos-Padilla, M., Klimley, A., Galvan-Magana, F., Andrzejczek, S., Block, B. A., Jorgensen, S. J.
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- **Seasonal and diel habitat use of blue marlin *Makaira nigricans* in the North Atlantic Ocean** *ICES JOURNAL OF MARINE SCIENCE*
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- **Diving into the vertical dimension of elasmobranch movement ecology.** *Science advances*
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- **Prey interactions in tiger sharks: Accounting for visual perception in animal-borne cameras** *JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY*
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- **Elasmobranch diversity across a remote coral reef atoll revealed through environmental DNA metabarcoding** *ZOOLOGICAL JOURNAL OF THE LINNEAN SOCIETY*
Dunn, N., Savolainen, V., Weber, S., Andrzejczek, S., Carbone, C., Curnick, D.
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- **First insights into the movements and vertical habitat use of blue marlin (*Makaira nigricans*) in the eastern North Atlantic** *ANIMAL BIOTELEMETRY*
Freitas, C., Freitas, M., Andrzejczek, S., Dale, J. J., Whippen, W., Block, B. A.
2022; 10 (1)
- **Multi-Decadal High-Resolution Data Reveal the Cryptic Vertical Movement Patterns of a Large Marine Predator Along the Californian Coast** *FRONTIERS IN MARINE SCIENCE*
Andrzejczek, S., Chapple, T. K., Jorgensen, S. J., Anderson, S. D., Castleton, M., Kanive, P. E., White, T. D., Block, B. A.
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- **Emergent research and priorities for shark and ray conservation** *ENDANGERED SPECIES RESEARCH*
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- **Regional movements of satellite-tagged whale sharks *Rhincodon typus* in the Gulf of Aden.** *Ecology and evolution*
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- **Regional movements of satellite-tagged whale sharks *Rhincodon typus* in the Gulf of Aden** *ECOLOGY AND EVOLUTION*
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- **Behavior and Ecology of Silky Sharks Around the Chagos Archipelago and Evidence of Indian Ocean Wide Movement** *FRONTIERS IN MARINE SCIENCE*
Curnick, D. J., Andrzejaczek, S., Jacoby, D. M. P., Coffey, D. M., Carlisle, A. B., Chapple, T. K., Ferretti, F., Schallert, R. J., White, T., Block, B. A., Koldewey, H. J., Collen, B.
2020; 7
- **A review of a decade of lessons from one of the world's largest MPAs: conservation gains and key challenges** *MARINE BIOLOGY*
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- **Depth-dependent dive kinematics suggest cost-efficient foraging strategies by tiger sharks.** *Royal Society open science*
Andrzejaczek, S., Gleiss, A. C., Lear, K. O., Pattiaratchi, C., Chapple, T. K., Meekan, M. G.
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- **Tiger shark predation on large ocean sunfishes (Family Molidae) - two Australian observations** *ENVIRONMENTAL BIOLOGY OF FISHES*
Nyegaard, M., Andrzejaczek, S., Jenner, C. S., Jenner, M. M.
2019
- **Biologging Tags Reveal Links Between Fine-Scale Horizontal and Vertical Movement Behaviors in Tiger Sharks (*Galeocerdo cuvier*)** *FRONTIERS IN MARINE SCIENCE*
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- **Cryptic habitat use of white sharks in kelp forest revealed by animal-borne video.** *Biology letters*
Jewell, O. J., Gleiss, A. C., Jorgensen, S. J., Andrzejaczek, S., Moxley, J. H., Beatty, S. J., Wikelski, M., Block, B. A., Chapple, T. K.
2019; 15 (4): 20190085
- **Cryptic habitat use of white sharks in kelp forest revealed by animal-borne video** *BIOLOGY LETTERS*
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- **First Insights Into the Fine-Scale Movements of the Sandbar Shark, *Carcharhinus plumbeus*** *FRONTIERS IN MARINE SCIENCE*

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Andrzejaczek, S., Gleiss, A. C., Jordan, L. K. B., Pattiaratchi, C. B., Howey, L. A., Brooks, E. J., Meekan, M. G.
2018; 8: 8351
- **The ecological connectivity of whale shark aggregations in the Indian Ocean: a photo-identification approach** *ROYAL SOCIETY OPEN SCIENCE*
Andrzejaczek, S., Meeuwig, J., Rowat, D., Pierce, S., Davies, T., Fisher, R., Meekan, M.
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