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Employment

Medicine

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Jan 1 1980 → present

Research outputs

Validation of quantitative fatty acid signature analysis for estimating the diet composition of free-ranging killer whales

Remili, A., Dietz, R., Sonne, C., Iverson, S. J., Roy, D., Rosing-Asvid, A., Land-Miller, H., Pedersen, A. F. & McKinney, M. A., Dec 2022, In: Scientific Reports. 12, 1, 7938.

Measuring repeatability of compositional diet estimates: An example using quantitative fatty acid signature analysis

Stewart, C., Lang, S. L. C., Iverson, S. & Bowen, W. D., Oct 2022, In: Ecology and Evolution. 12, 10, e9428.

Individual and population dietary specialization decline in fin whales during a period of ecosystem shift

Jory, C., Lesage, V., Leclerc, A., Giard, J., Iverson, S., Bérubé, M., Michaud, R. & Nozais, C., Dec 2021, In: Scientific Reports. 11, 1, 17181.

Variability of Lipids and Fatty Acids in Pacific Walrus Blubber

Jay, C. V., Iverson, S. J. & Fischbach, A. S., Jan 27 2021, In: Frontiers in Marine Science. 8, 603065.

A bio-optical model for the estimation of chlorophyll a using animal-borne instruments in an optically complex ecosystem

Nowak, B. V. R., Bowen, W. D., Lidgard, D. C. & Iverson, S. J., 2021, In: Marine Ecology - Progress Series. 679, p. 19-30 12 p.

A case for restoring unity between biotelemetry and bio-logging to enhance animal tracking research

Cooke, S. J., Lennox, R. J., Brownscombe, J. W., Iverson, S. J., Whoriskey, F. G., Millsaugh, J. J., Hussey, N. E., Crossin, G. T., Godley, B. J. & Harcourt, R., 2021, In: Facets. 6, p. 1260-1265 6 p.

A novel framework to protect animal data in a world of ecosurveillance

Lennox, R. J., Harcourt, R., Bennett, J. R., Davies, A., Ford, A. T., Frey, R. M., Hayward, M. W., Hussey, N. E., Iverson, S. J., Kays, R., Kessel, S. T., McMahon, C., Muelbert, M., Murray, T. S., Nguyen, V. M., Pye, J. D., Roche, D. G., Whoriskey, F. G., Young, N. & Cooke, S. J., 2021, In: BioScience. 70, 6, p. 468-476 9 p.

Foraging behaviour of a continental shelf marine predator, the grey seal (*Halichoerus grypus*), is associated with in situ, subsurface oceanographic conditions

Nowak, B. V. R., Bowen, W. D., Whoriskey, K., Lidgard, D. C., Mills Flemming, J. E. & Iverson, S. J., Dec 1 2020, In: Movement Ecology. 8, 1, 41.

Grey seals (*Halichoerus grypus*) as bioprobes: Fine-scale measurements of oceanographic properties using an instrumented large marine predator

Nowak, B. V. R., Bowen, W. D., Lidgard, D. C. & Iverson, S. J., Nov 1 2020, In: Progress in Oceanography. 189, 102453.

Exploring causal components of plasticity in grey seal birthdates: Effects of intrinsic traits, demography, and climate

Bowen, W. D., den Heyer, C. E., Lang, S. L. C., Lidgard, D. & Iverson, S. J., Oct 1 2020, In: Ecology and Evolution. 10, 20, p. 11507-11522 16 p.

Sex-differences in fine-scale home-range use in an upper-trophic level marine predator

Lidgard, D. C., Bowen, W. D. & Iverson, S. J., Feb 13 2020, In: Movement Ecology. 8, 1, 11.

Seasonal occupancy and connectivity amongst nearshore flats and reef habitats by permit *Trachinotus falcatus*: considerations for fisheries management

Brownscombe, J. W., Griffin, L. P., Morley, D., Acosta, A., Hunt, J., Lowerre-Barbieri, S. K., Crossin, G. T., Iverson, S. J., Boucek, R., Adams, A. J., Cooke, S. J. & Danylchuk, A. J., Feb 1 2020, In: Journal of Fish Biology. 96, 2, p. 469-479 11 p.

A practical method to account for variation in detection range in acoustic telemetry arrays to accurately quantify the spatial ecology of aquatic animals

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Studholme, K. R., Hipfner, J. M., Romero, L. M., Gormally, B. M., Iverson, S. J. & Crossin, G. T., Nov 1 2018, In: General and Comparative Endocrinology. 268, p. 64-70 7 p.

Feeding habits of a new Arctic predator: Insight from full-depth blubber fatty acid signatures of Greenland, Faroe Islands, Denmark, and managed-care killer whales *Orcinus orca*

Bourque, J., Dietz, R., Sonne, C., St. Leger, J., Iverson, S., Rosing-Asvid, A., Hansen, M. & McKinney, M. A., Sept 17 2018, In: Marine Ecology - Progress Series. 603, p. 1-12 12 p.

Envisioning the Future of Aquatic Animal Tracking: Technology, Science, and Application

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A Canadian contribution to an integrated Atlantic ocean observing system (IAOOS)

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The energetics of male reproduction in an aquatically mating pinniped, the harbour seal

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Press/Media

11-year-old aspiring marine biologist experiences shark tagging on Atlantic Ocean

Iverson, S. J.

7/25/19

1 item of Media coverage

11-year-old aspiring marine biologist experiences shark tagging on Atlantic Ocean

Iverson, S. J.

7/25/19

2 items of Media coverage

Calgary girl has a shark adventure off the Halifax coast

Iverson, S. J.

7/24/19

1 item of Media coverage

Canada Foundation for Innovation invests \$38.5M in Dal-led Ocean Tracking Network

Iverson, S. J.

8/19/22

2 items of Media coverage

Canada's top funding agency invests in OTN

Iverson, S. J.

5/2/19

1 item of Media coverage

Canadian Foundation for Innovation invests in OTN

Iverson, S. J.

5/2/19

1 item of Media coverage

Canadian scientists team up with Barbie to help girls imagine a 'really cool career'

Iverson, S. J.

10/1/19

1 item of Media coverage

Coaxing girls into marine biology; National Geographic and Mattel tap Dalhousie prof to inspire girls with expedition in Nova Scotia waters

Iverson, S. J.

7/9/19

1 item of Media coverage

coaxing girls into marine biology; National Geographic and Mattel tap Dal prof to inspire girls with expedition in Nova Scotia waters

Iverson, S. J.

7/8/19

1 item of Media coverage

Dalhousie-based Ocean Tracking Network receives \$38.5 million research grant

Iverson, S. J.

8/19/22

1 item of Media coverage

Dalhousie-based Ocean Tracking Network receives \$38.5 million research grant | SaltWire

Iverson, S. J.

8/20/22

1 item of Media coverage

Dalhousie biologist chosen as mentor for Barbie's 60th anniversary You Can Be Anything campaign

Iverson, S. J.

7/4/19

1 item of Media coverage

Dalhousie biologist chosen as mentor for Barbie's 60th anniversary You Can Be Anything campaign

Iverson, S. J.

7/4/19

1 item of Media coverage

Dalhousie Ocean Research Project Gets \$38-Million Fed Investment

Iverson, S. J.

8/19/22

1 item of Media coverage

Dalhousie University's Ocean Tracking Network secures \$38.5M grant to expand research

Iverson, S. J.

8/22/22

2 items of Media coverage

If you're going to play in the sandbox, you should at least know what the sandbox is for

Iverson, S. J.

1/7/19

1 item of Media coverage

'I loved it': A gruelling Halifax shark adventure is one Calgary girl's dream come true

Iverson, S. J.

7/24/19

1 item of Media coverage

Inaugural recipients of new Dal award embody community spirit championed by late prof

Iverson, S. J.

7/31/23

1 item of Media coverage

Laurier Welcomes Biologist Sara Iverson For Anne Innis Dagg Lecture

Iverson, S. J.

2/25/23

1 item of Media coverage

Lost research equipment on grey seal recovered in N.S. waters – 4 years later

Iverson, S. J. & Lidgard, D. C.

8/31/21

1 item of Media coverage

Marine biologist hopes to inspire young girls on research expedition in Nova Scotia waters

Iverson, S. J.

7/6/19

1 item of Media coverage

Mattel taps marine biologist in campaign to empower girls; Dalhousie professor will bring one contest winner on expedition at sea

Iverson, S. J.

7/9/19

1 item of Media coverage

New Strategic Partnership Grants invest in research and bold ideas

Iverson, S. J. & Crossin, G. T.

5/3/19

1 item of Media coverage

Ocean Tracking Network receives \$38.5 million in funding

Iverson, S. J.

8/19/22

2 items of Media coverage

On the menu: Canadian scientists want to know what Atlantic seals are eating

Iverson, S. J.

10/13/23

2 items of Media coverage

Podcast: How marine conservation benefits from combining Indigenous knowledge and Western science

Iverson, S. J.

6/28/22

1 item of Media coverage

Podcast: The Todd Veinotte Show August 26th, 2022

Iverson, S. J.

8/26/22

2 items of Media coverage

Sciographies podcast shares personal and professional stories of Dal scientists

Iverson, S. J.

9/11/19

1 item of Media coverage

Sciographies Q&A: Marine Biologist Sara Iverson

Iverson, S. J.

9/12/19

1 item of Media coverage

Shark week gets real for Calgary girl; 11-year-old helps tag blue shark off Halifax coast as winner of science mentorship

Iverson, S. J.

7/25/19

2 items of Media coverage

Some Tiger Sharks Are Migrating Farther North Due to Climate Change

Iverson, S. J.

1/13/22

1 item of Media coverage

Tagging along for a shark adventure; Calgary girl wins contest to study marine biology

Iverson, S. J.

7/29/19

1 item of Media coverage

This Canadian scientist is the face behind a brand new Barbie doll

Iverson, S. J.

7/12/19

1 item of Media coverage

Tomcod Brings Everyone to the Table

Iverson, S. J.

3/15/22

1 item of Media coverage

Young Alberta shark enthusiast hits the water with renowned marine biologist

Iverson, S. J.

7/25/19

1 item of Media coverage

Awards

Use of acoustic telemetry and First Nations' traditional knowledge to determine the movements and habitat use of valued aquatic species, and their environmental correlates_x000d_

Iverson, S. J. (PI), Flemming, J. (CoPI), Whoriskey, F. (CoPI) & Stokesbury, M. (CoPI)

Natural Sciences and Engineering Research Council of Canada: US\$222,113.00

1/1/20 → ...

Projects

Understanding Species Movements, Interactions, and Environmental Variability across Canada's three Oceans

Thomson, R. (CoPI), Vagle, S. (CoPI), Fleming, I. I. (CoPI), Iverson, S. J. (PI), Bowen, D. (CoPI), Cullen, J. (CoPI), Fennel, K. (CoPI), Flemming, J. (CoPI), Jonsen, I. (CoPI), Sheng, J. (CoPI), Smith, P. (CoPI), Taggart, C. (CoPI), Thompson, K. R. (CoPI), Whoriskeyjr, F. (CoPI), Cooke, S. S. (CoPI), Fisk, A. (CoPI), Castonguay, M. (CoPI), Dodson, J. J. (CoPI), Litvak, M. (CoPI), Carmack, E. (CoPI), Farrell, A. (CoPI), Ford, J. (CoPI), Hinch, S. (CoPI), Miller, K. (CoPI), Dadswell, M. (CoPI), Dick, T. (CoPI), Ferguson, S. S. (CoPI) & Hatcher, B. (CoPI)

Natural Sciences and Engineering Research Council of Canada

1/1/10 → ...

Understanding Species Movements, Interactions, and Environmental Variability across Canada's three Oceans

Thomson, R. (CoPI), Vagle, S. (CoPI), Litvak, M. (CoPI), Fleming, I. I. (CoPI), Iverson, S. J. (PI), Bowen, D. (CoPI), Cullen, J. (CoPI), Fennel, K. (CoPI), Flemming, J. (CoPI), Jonsen, I. (CoPI), Sheng, J. (CoPI), Smith, P. (CoPI), Taggart, C. (CoPI), Thompson, K. R. (CoPI), Whoriskeyjr, F. (CoPI), Cooke, S. S. (CoPI), Fisk, A. (CoPI), Castonguay, M. (CoPI), Dodson, J. J. (CoPI), Carmack, E. (CoPI), Farrell, A. (CoPI), Ford, J. (CoPI), Hinch, S. (CoPI), Miller, K. (CoPI), Dadswell, M. (CoPI), Dick, T. (CoPI), Ferguson, S. S. (CoPI) & Hatcher, B. (CoPI)

Natural Sciences and Engineering Research Council of Canada

1/1/09 → ...

Use of acoustic telemetry and First Nations' traditional knowledge to determine the movements and habitat use of valued aquatic species, and their environmental correlates_x000d_

Iverson, S. J. (PI), Flemming, J. (CoPI), Whoriskey, F. (CoPI) & Stokesbury, M. (CoPI)

Natural Sciences and Engineering Research Council of Canada

1/1/20 → ...