

Megan A. Davies

BSc in Biology

Email: mdavies7@uvic.ca

MSc Student, Bates Lab

University of Victoria

Department of Biological Sciences



University
of Victoria



Interests

Deep Sea Ecology, Seamount Systems, Benthic Macroinvertebrates, Animal Behaviour, Biomechanics, Functional Ecology, Functional Traits, Science Communication & Scientific Illustrations

Education

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| 2021 – Present | Master of Science in Marine Biology, Biological Sciences, University of Victoria, BC, Canada, Senior Advisor: Dr. Amanda Bates
Thesis: <i>Investigating the distribution of benthic seamount species using multi-faceted diversity approaches</i> |
| 2015 – 2021 | Bachelor of Science (Honours) in Biology with Marine Biology Concentration, Biological Sciences, University of Victoria, BC, Canada, Honors Advisors: Dr. Francis Juanes & Dr. Cherisse Du Preez
Honours Thesis: <i>Distribution and Substrate Preferences of Deepsea Sole on Northeast Pacific Seamounts</i>
Bamfield Biology of Marine Fishes Course Thesis: <i>Force is a drag: Locomotor Kinematics of the Spotted Ratfish (Hydrolagus colliei)</i> |
| 2010 – 2012 | Technician Diploma in Ecosystem Management, Fleming College, ON, Canada
Graduating Research Project: <i>Anthropogenic Impacts on Invasive Dog-Strangling Vine</i> |

Awards

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| 2021 | UVic Honours Fest Biology Departmental Winner – Boehm Family Award for Excellence in Science (\$250) |
| 2010 – 2012 | Dean's List |

Employment and Teaching History

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| 2022 | Teaching Assistant , University of Victoria, BIOL 321 Survey of Invertebrates |
| 2022 | Teaching Assistant , University of Victoria, BIOL 322 Survey of Marine Invertebrates |
| 2021 | Teaching Assistant , University of Victoria, BIOL 321 Survey of Invertebrates |

2019 – 2022	Manager and Naturalist with BC Whale Tours, provided guests with education on local wildlife and managing a team of sales staff and boat captains
2016 – 2019	Supervisor and Naturalist with SpringTide Whale Watching, supervised a team of sales staff and worked as an on-board biologist on Zodiac vessels and a 60' Motor Yacht

Presentations

Mar 2022	Davies, M.A., F. Juanes, and C. Du Preez. <i>Distribution and Substrate Preferences of Deepsea Sole on Northeast Pacific Seamounts</i> – 12- minute talk, Pacific Ecology and Evolution Conference (PEEC) in Victoria, BC
Feb 2021	Davies, M.A., F. Juanes, and C. Du Preez. <i>Distribution and Substrate Preferences of Deepsea Sole on Northeast Pacific Seamounts</i> – 3- minute talk, 2021 University of Victoria Honours Fest in Victoria, BC
Apr 2012	Davies, M.A. <i>Anthropogenic Impacts on the Invasive Dog-Strangling Vine</i> – 20-minute talk, 2012 Fleming College School of Environmental & Natural Resource Sciences Ecosystem Management public conference in Lindsay, ON.

Volunteer

2022 – Present	Administrator for University of Victoria Ecostats group
2021 – Present	Deep Ocean Observing Strategy social media team, designing and distributing social media content about deep sea science (Twitter @DeepOceanObs)
2019	Assisted Ph.D. candidate, Geoffrey Osgood, with data entry and preparation of dive logs from the Undersea Hunter Group
2016 – 2017	Seaquaria Guardian with World Fisheries Trust, conducted educational programs at the Gorge Waterway Nature House on local benthic macroinvertebrates
2010 – 2012	Created and assisted in the running of the Gay-Straight Alliance at Fleming College
2009 – 2015	Field assistant with the Toronto and Region Conservation Authority (TRCA) performing amphibian surveys under the Marsh Monitoring Protocol and salamander monitoring program

Professional Development and Certifications

- Deep Ocean Observing Strategy (DOOS) three-year program for Deep Ocean Early-Career Researchers (DOERs) to engage with the UN Decade of Ocean Science (2021-2024)
- Canadian Science Advisory Secretariat (CSAS) review participant
- Teaching Assistant Conference Certificate (2021)
- PADI Advanced Diver
- Small Vessel Operator Proficiency (SVOP)
- Pleasure Craft Operators Card (PCOC)
- Small Domestic Vessel Basic Safety (SDV-BS)
- Restricted Operator Certificate – Maritime (ROC-M)
- Institutional Animal User Training Certificate – University of Calgary
- Nautical Archaeology Society Introduction to Foreshore and Underwater Archaeology Course
- Ontario Benthos Biomonitoring Network (OBBN) Certified