

JASON D. SELWYN

jdselwyn@gmail.com

jdselwyn.github.io

EDUCATION

Texas A&M University		Corpus Christi, TX
Ph.D. in Marine Biology	May 2022	Advisor: Dr. J. Derek Hogan
M.S. in Marine Biology	August 2015	Advisor: Dr. J. Derek Hogan
Northeastern University		Boston, MA
B.S. in Biology	May 2011	<i>summa cum laude</i>

PUBLICATIONS

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11. Mullis, M. M., **J. D. Selwyn**, R. Kevorkian, E. D. Tague, H. F. Castro, S. R. Campagna, K. G. Lloyd, and B. K. Reese. 2023. Microbial survival mechanisms within serpentinizing Mariana forearc sediments. *FEMS Microbiology Ecology*:fiad003.
 10. **Selwyn, J. D.**, E. P. Hunt, D. S. Portnoy, and J. D. Hogan. 2022. Maintenance of species boundaries within social aggregations of ecologically similar goby sister species. *Marine Biology* 169:32.
 9. Rue, C. R.*†, **J. D. Selwyn**†, P. M. Cockett, B. Gillis, L. Gurski, P. Jose, B. L. Kutil, S. F. Magnuson, L. Á. L. de Mesa, R. D. Overath, D. L. Smee, and C. E. Bird. 2021. Genetic diversity across the mitochondrial genome of eastern oysters (*Crassostrea virginica*) in the northern Gulf of Mexico. *PeerJ* 9:e12205.
 8. Beeken, N. S., **J. D. Selwyn**, and J. D. Hogan. 2021. Determining the life history strategy of the cryptobenthic reef gobies *Coryphopterus hyalinus* and *C. personatus*. *Marine Ecology Progress Series* 659:161–173.
 7. Hamilton, A. M.*, **J. D. Selwyn**, R. M. Hamner, H. K. Johnson, T. Brown, S. K. Springer, and C. E. Bird. 2020. Biogeography of shell morphology in over-exploited shellfish reveals adaptive trade-offs on human-inhabited islands and incipient selectively driven lineage bifurcation. *Journal of Biogeography* 47:1494–1509.
 6. **Selwyn, J. D.**, J. E. Johnson, A. M. Downey-Wall, A. M. Bynum, R. M. Hamner, J. D. Hogan, and C. E. Bird. 2017. Simulations indicate that scores of lionfish (*Pterois volitans*) colonized the Atlantic Ocean. *PeerJ* 5:e3996.
 5. Usseglio, P.†, **J. D. Selwyn**†, A. M. Downey-Wall, and J. D. Hogan. 2017. Effectiveness of removals of the invasive lionfish: how many dives are needed to deplete a reef? *PeerJ* 5:e3043.
 4. Harborne, A. R., **J. D. Selwyn**, J. M. Lawson, and M. Gallo. 2017. Environmental drivers of diurnal visits by transient predatory fishes to Caribbean patch reefs. *Journal of Fish Biology* 90:265–282.
 3. MacKay, M. M., B. Würsig, C. E. Bacon, and **J. D. Selwyn**. 2016. North Atlantic humpback whale (*Megaptera novaeangliae*) hotspots defined by bathymetric features off western Puerto Rico. *Canadian Journal of Zoology* 94:517–527.
 2. **Selwyn, J. D.**, J. D. Hogan, A. M. Downey-Wall, L. M. Gurski, D. S. Portnoy, and D. D. Heath. 2016. Kin-Aggregations Explain Chaotic Genetic Patchiness, a Commonly Observed Genetic Pattern, in a Marine Fish. *PLOS ONE* 11:e0153381.
 1. **Selwyn, J. D.**, J. D. Hogan, A. Downey-Wall, and P. Usseglio. 2014. Decadal changes in reef fish recruitment at Turneffe Atoll, Belize: before and after lionfish invasion. *Proceedings of the 66th Gulf and Caribbean Fisheries Institute*. Corpus Christi, Texas, USA.

*: Mentored Student, †: Contributed Equally

PUBLICATIONS IN REVIEW & REVISION

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1. Vollmer S. V.†, J. D. Selwyn†, B. A. Despard, C. L. Roesel. in review. Genomic signatures of disease resistance in endangered staghorn corals (adi3601). *Science*.

PUBLICATIONS IN PREPERATION

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1. **Selwyn, J. D.**, P. Usseglio, and J. D. Hogan. in review. Photogrammetry derived habitat model enables characterization of fine-scale habitat use in a pair of coral reef fishes (CORE-S-21-00271). *Coral Reefs*.

PRESENTATIONS

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26. ***Selwyn, J. D.**, S. F. Magnuson, P. Usseglio, C. E. Bird, J. D. Hogan. 2022. Determining the effect of variability on habitat quality on dispersal in a marine fish. Spring Student Research Symposium. Corpus Christi, TX, USA.
 25. **Selwyn, J. D.**, and J. D. Hogan. 2021. The relationship between habitat heterogeneity and dispersal of a coral reef fish. International Coral Reef Symposium. Virtual.
 24. **Ruben, Z.**, C. Bird, A. Bucol, **J. D. Selwyn**, K. Carpenter, E. Garcia, and I. Lopez. 2020. Evaluating the Effect of Selective

Fishing Pressures on Size and Reproductive Capability of a Philippine Reef Fish. Ocean Sciences Meeting. San Diego, California, USA.

23. Broquet, N., **J. D. Selwyn**, D. Vaughan, J. Pollack, A. Siccardi, and **J. Scarpa**. 2020. Applicability of the Microfragmentation Technique to Propagate Corals in a Fisherfolk Community in the Philippines. Aquaculture America. Honolulu, Hawai'i, USA.
22. **Hamilton, A. M.**, **J. D. Selwyn**, and C. E. Bird. 2019. Biogeography of shell morphology in over-exploited intertidal shellfish reveals attenuated passive thermal resistance on inhabited Hawaiian Islands. Providence, Rhode Island, USA.
21. ***Selwyn, J. D.**, E. P. Hunt, and J. D. Hogan. 2019. Mixed shoals of the goby species complex *Coryphopterus personatus/hyalinus* in Belize. 8th Annual MSGSO Student Research Forum, Corpus Christi, Texas, USA.
20. **Hamilton, A. M.**, **J. D. Selwyn**, and C. E. Bird. 2019. Biogeography of shell morphology in over-exploited shellfish suggests adaptation on human-inhabited islands and incipient lineage bifurcation. 8th Annual MSGSO Student Research Forum, Corpus Christi, Texas, USA.
19. **Selwyn, J. D.**, P. Usseglio, and J. D. Hogan. 2019. Fine-scale microhabitat usage of a putative habitat generalist reef dwelling goby, *Coryphopterus personatus*. Southern Division of the American Fisheries Society Annual Meeting, Galveston, Texas, USA.
18. **Selwyn, J. D.**, J. E. Johnson, A. M. Downey-Wall, A. M. Bynum, R. M. Hamner, J. D. Hogan, and C. E. Bird. 2018. *Veni vidi vici*: How many lionfish came to conquer the Atlantic? Joint Meeting of Ichthyologists and Herpetologists, American Society of Ichthyology and Herpetology, Rochester, New York, USA.
17. **Selwyn, J. D.**, P. Usseglio, and J. D. Hogan. 2018. Fine-scale microhabitat usage of a putative habitat generalist reef dwelling goby, *Coryphopterus personatus*. Benthic Ecology Meeting, Corpus Christi, Texas, USA.
16. **Selwyn, J. D.**, J. E. Johnson, A. M. Downey-Wall, A. M. Bynum, R. M. Hamner, J. D. Hogan, and C. E. Bird. 2018. *Veni vidi vici*: How many lionfish came to conquer the Atlantic? Texas Chapter of the American Fisheries Society Annual Meeting, College Station, Texas, USA.
15. **Selwyn, J. D.**, P. Usseglio, and J. D. Hogan. 2017. Fine-scale microhabitat usage of a putative habitat generalist reef dwelling goby, *Coryphopterus personatus*. 7th Annual MSGSO Student Research Forum, Corpus Christi, Texas, USA.
14. **Selwyn, J. D.**, P. Usseglio, and J. D. Hogan. 2017. Fine-scale microhabitat usage of a putative habitat generalist reef dwelling goby, *Coryphopterus personatus*. Joint Meeting of Ichthyologists and Herpetologists, American Society of Ichthyology and Herpetology, Austin, Texas, USA.
13. **Selwyn, J. D.**, P. Usseglio, A. M. Downey-Wall, and J. D. Hogan. 2017. Effectiveness of removals of the invasive lionfish: how many dives are needed to deplete a reef? Texas Chapter of the American Fisheries Society Annual Meeting, Corpus Christi, Texas, USA.
12. **Selwyn, J. D.**, J. E. Johnson, A. M. Bynum, A. M. Downey-Wall, J. D. Hogan, and C. E. Bird. 2016. How many lionfish was it really? 6th Annual MSGSO Student Research Forum, Corpus Christi, Texas, USA.
11. **Curtis-Quick, J.**, A. R. Harborne, A. M. Hendrix, A. Waldman, R. Drummond, A. Feiler, E. O'Hara, H. Conlon, S. E. Miller, **J. D. Selwyn**, S. J. Green, J. L. Akins, and I. M. Côté. 2016. Lionfish feeding habits and the implications for reef benthic cover. 13th International Coral Reef Symposium, Honolulu, Hawaii, USA.
10. **Selwyn, J. D.**, D. S. Portnoy, D. D. Heath, and J. D. Hogan. 2016. Local dispersal leading to family groups in a widespread Caribbean goby. 13th International Coral Reef Symposium, Honolulu, Hawaii, USA.
9. **Curtis-Quick, J.**, A. Hendrix, A. Waldman, A. Brown, R. Drummond, A. Feiler, S. Miller, **J. D. Selwyn**, S. Green, J. L. Akins, and I. M. Côté. 2016. The lionfish invasion: cause the decline. The Bahamas Natural History Conference, Nassau, The Bahamas.
8. **MacKay, M. M.**, C. E. Bacon, B. G. Würsig, and **J. D. Selwyn**. 2015. Humpback Whales (*Megaptera novaeangliae*) Cluster by Geological Features Off Puerto Rico, USA. Society of Marine Mammalogy, San Francisco, California, USA.
7. **Selwyn, J. D.**, D. Portnoy, D. Heath, and D. Hogan. 2015. Kin aggregations explain a commonly observed genetic pattern in a marine fish species. Joint Meeting of Ichthyologists and Herpetologists, American Society of Ichthyology and Herpetology, Reno, Nevada, USA.
6. **Selwyn, J. D.**, D. Portnoy, D. Heath, and D. Hogan. 2015. The Essence of Chaos: Family groups in a ubiquitous Caribbean Goby. Harte Research Institute Seminar Series, Harte Research Institute, Corpus Christi, Texas, USA.
5. **Selwyn, J. D.**, D. Portnoy, D. Heath, and D. Hogan. 2015. The Essence of Chaos: Family groups in a ubiquitous Caribbean Goby. Graduate Student Symposium, Dauphin Island Sea Lab, Dauphin Island, Alabama, USA.
4. **Selwyn, J. D.**, A. Downey-Wall, L. Gurski, D. S. Portnoy, D. D. Heath, and J. D. Hogan. 2015. Family groups in a ubiquitous Caribbean Goby. Marine Biology IDP Retreat and Science Symposium, College Station, Texas, USA.
3. ***Selwyn, J. D.**, A. Downey-Wall, L. Gurski, D. S. Portnoy, D. D. Heath, and J. D. Hogan. 2014. Family groups in a ubiquitous Caribbean Goby. 4th Annual MSGSO Student Research Forum, Corpus Christi, Texas, USA.
2. **Selwyn, J. D.**, A. Downey-Wall, P. Usseglio, and J. D. Hogan. 2013. Decadal changes in reef fish recruitment at Turneffe Atoll, Belize: before and after lionfish invasion. Gulf and Caribbean Fisheries Institute, Corpus Christi, Texas, USA.
1. Keafer, B.A., **B.G. Crespo**, K. Norton, **J. D. Selwyn**, M. Richlen, D. Farber, H. Lind, M. Hickey, T. O'Neil, and D.M. Anderson. 2009. Toxic *Alexandrium fundyense* blooms in the Nauset Marsh system on Cape Cod Massachusetts. Fifth Symposium on Harmful Algae in the U.S., Ocean Shores, Washington, USA.

*: Won Award, Underlined: Presenting Author

POSTERS

9. Ruben, Z., C. Bird, A. Bucol, **J. Selwyn**, K. Carpenter, E. Garcia, and I. Lopez. 2020. Evaluating the Effect of Selective Fishing Pressures on Size and Reproductive Capability of a Philippine Reef Fish. Ocean Sciences Meeting, San Diego, California, USA
8. Broquet, N., **J. Selwyn**, D. Vaughan, J. Pollack, A. Siccardi, and J. Scarpa. 2020. Applicability of the Microfragmentation Technique to Propagate Corals in a Fisherfolk Community in the Philippines. Aquaculture America, Honolulu, Hawai'i, USA.
7. **Selwyn, J. D.**, E. P. Hunt, D. S. Portnoy, and J. D. Hogan. 2019. Mixed shoals of the goby species complex *Coryphopterus personatus/hyalinus* in Belize. Joint Meeting of Ichthyologists and Herpetologists, American Society of Ichthyology and Herpetology, Snowbird, Utah, USA.
6. Bachner, M., **J. D. Selwyn**, and C. E. Bird. 2019. Morphological response of *Siganus fuscescens* to variability in fishing pressure. 8th Annual MSGSO Student Research Forum, Corpus Christi, Texas, USA.
5. **Selwyn, J. D.**, J. E. Johnson, A. M. Downey-Wall, A. M. Bynum, R. M. Hammer, J. D. Hogan, and C. E. Bird. 2017. *Veni vidi vici*: How many lionfish came to conquer the Atlantic? Marine Aquarium Conference of North America, Marine Aquarium Society of North America, New Orleans, Louisiana, USA.
4. **Selwyn, J. D.**, A. Downey-Wall, P. Usseglio, and J. D. Hogan. 2013. Decadal changes in reef fish recruitment at Turneffe Atoll, Belize: before and after lionfish invasion. Texas A&M System 11th Pathways Annual Conference, Kingsville, Texas, USA.
3. Downey-Wall, A., **J. D. Selwyn**, P. Usseglio, and J. D. Hogan. 2013. Characterization of diet composition of the lionfish, *Pterois volitans*, in Turneffe Atoll, Belize. Corpus Christi, Texas, USA.
2. Cram, L.*, N. Grune*, K. Forness*, G. Taliaferrow*, A.-M. Carroll*, E. Witte*, S. Miller, and **J. D. Selwyn**. 2012. Biotic Factors that Influence the Re-colonization of Lionfish (*Pterois volitans*) on Patch Reefs in South Eleuthera. The Cape Eleuthera Island School Research Symposium, Cape Eleuthera, The Bahamas.
1. Harpin, K.*, J. Morris*, M. Philipp*, F. Rappaport*, T. Tracy*, L. Zweig*, S. Auscavitch, T. Christie, S. Miller, and **J. D. Selwyn**. 2011. Effects of Grouper and Reef Type on Lionfish (*Pterois volitans*) Distribution, Cape Eleuthera, The Bahamas. The Cape Eleuthera Island School Research Symposium, Cape Eleuthera, The Bahamas.

AWARDS, SCHOLARSHIPS & GRANTS – (\$63,800)

• TAMUCC Marine Biology Research Fellowship (6x)	\$52,800
• Steven Berkeley Marine Conservation Fellowship – Runner Up	\$1,000
• Carl R. Beaver Memorial Scholarship (5x)	\$5,000
• Karen Koester Dodson Memorial Fund Grant	\$1,000
• Texas SeaGrant: Grants in Aid of Research (2x)	\$3,000
• TAMUCC College of Science and Engineering Graduate Scholarship	\$1,000

RESEARCH EXPERIENCE

Northeastern University

Postdoctoral Research Associate

June 2022 – Present

Boston, MA

- Research, analysis, writing, and dissemination to understand the evolutionary history and ecology of the coral *Acropora cervicornis*
- Bioinformatic analyses including genome and transcriptome assembly, genome structural and functional annotation, RNAseq analysis, low coverage whole genome analysis
- Mentorship and collaboration with undergraduate and graduate students

Texas A&M University

Statistical Consultant

August 2019 – May 2022

Corpus Christi, TX

- Assist graduate students and faculty with statistical design and analysis

CC-TAMUCC COVID19 Taskforce

Modeler

March 2020 – December 2021

Corpus Christi, TX

- Implement and develop statistical models to allow governmental planning and response to the COVID-19 pandemic
- Assist in production of weekly reports to Nueces County, Corpus Christi, and the public on the progress and forecast of the spread of the COVID-19 pandemic

Texas A&M University

Research Assistant

January 2016 – July 2018
August – December 2020
January 2022 – May 2022

Corpus Christi, TX

- Marine Biology Ph.D. Research Assistantship designed to allow recipients to focus on and expand their dissertation research to a more well-rounded dissertation

Fundación In-nova Centro de Innovación

Statistical Consultant

August 2017 – November 2017

Toledo, Spain

- Remotely develop statistical model for estimating the number of deer present in a farm from areal drone surveys

Research Assistant/Technician

Patricia Cockett Ph.D. Research

January – June 2015

Corpus Christi, TX

- Create statistical programs and functions to analyze pooled RADseq data.

Alan Downey-Wall Master's Research

June – August 2014

Turneffe Atoll, Belize

- Collection of the invasive red lionfish
- Planning of summer research activities including logistics, diving safety, and supplies

Grayce Palmer Master's Research

January & October 2014

Bocas del Toro, Panama

- Collection of *Stegastes partitus* for research on genetic impact of the invasive red lionfish

Paul Caiger Ph.D. Research

October 2012 – February 2013

Auckland, New Zealand

- Diving assistance for research investigating the effect of habitat on growth and fitness of triplefins

Kirsten Martin Master's Research

July – August 2012

Wellfleet, MA

- Surveyed heathland habitats for grass/shrub biodiversity
- Collected soil samples and process for nutrients

Bailey Clear's Master's Research

August – November 2011

Eleuthera, The Bahamas

- Collected microhabitat usage data for lionfish and similar sized native grouper
- Assisted with manuscript writing, editing, and statistical analysis
- Analyzed fish species, family, and feeding guild diversity

Heidi Block's Master's Research

January – March 2010

Moorea, French Polynesia

- Assisted in the collection of *Gnatholepis caurensis* and *Chromis viridis* recruits for a mortality study

Cape Eleuthera Institute

Lionfish Research Assistant

January – July 2012

Eleuthera, The Bahamas

- Survey fish biodiversity, benthic habitat type, coral cover, and rugosity
- Designed and performed a habitat mapping project
- Organize and participate in outreach events at local farmer's markets and restaurants
- Analyze videos to determine transient predator usage of patch reefs
- Mentor interns and organize professional development activities

Lionfish Research and Education Intern

August – December 2011

Eleuthera, The Bahamas

- Performed monthly fish biodiversity surveys on patch reefs
- Performed dissections, gut content analysis, and otolith removal on lionfish
- Environmental impact monitoring and maintenance of offshore aquaculture cage

New England Aquarium

Giant Ocean Tank Assistant Aquarist

July 2010 – August 2011

Boston, MA

- Performed daily maintenance and feeding dives and assisted with husbandry responsibilities such as record keeping, food preparation, cleaning, and transports
- Monitored damselfish egg mass production

- Participated in the transport of live animals including large sharks between aquarium sites
- Supervised and trained volunteers and interns

Penguin Husbandry Co-op and Volunteer January 2008 – August 2009 Boston, MA

- Assisted penguin staff with husbandry responsibilities including record keeping, food preparation, feeding, cleaning, and handling
- Supervised and trained volunteers and presented educational programs

Woods Hole Oceanographic Institute

Woods Hole, MA

Research Assistant January – July 2009

Dr. Don Anderson

- Collected and processed data regarding the concentrations of *Alexandrium fundyense* in the Nauset Marsh and Gulf of Maine
- Collected weekly water samples from the Nauset Marsh

Operation Wallacea

Research Assistant July – August 2007

Sulawesi, Indonesia

- Assisted research on the reef ecosystems of the Wakatobi Marine National Park
- Performed Reef Check surveys
- Monitored *Labroides dimidiatus* cleaning stations

Northeastern University

Boston, MA

Laboratory Assistant July – December 2008

Dr. Donald O'Malley

- Maintained the lab zebrafish population and assisted in breeding of zebrafish lines to be used for neurobiology research

CenSSIS Laboratory

Lab Assistant/Python Programmer October 2006 – April 2007

Boston, MA

- Created programs using Python to control the KECK 3D Fusion microscope

TEACHING EXPERIENCE

Texas A&M University

Teaching Assistant September 2013 – December 2015 Corpus Christi, TX
July 2018 – June 2020

- Instruct undergraduate lab and recitation courses in:
 - Introduction to Biology I (BIOL 1406)
 - Genetics (BIOL 2416)
 - Microbiology (BIOL 2421)
 - Invertebrate Zoology (BIOL 3431)
 - Marine Ecology (BIOL 4336)
 - Statistics for Life (MATH 1442)
- Grade graduate level Statistics courses:
 - Statistical Methods in Research I (MATH 6315)
 - Statistical Methods in Research II (MATH 6316)
 - Mixed Effects Models for Scientists (MATH 6317)
 - An Introduction to Bayesian Statistics (MATH 6318)
- Design recitation activities and assignments to enhance student learning in Genetics (BIOL 2416)

The Island School

Research Class Teacher January – June 2012

Eleuthera, The Bahamas

- Design course objectives, curriculum, and syllabus for a scientific research class at a boarding high school
- Design a field experiment to be performed by students
- Perform parent-teacher and teacher-student conferences

- Designed and taught an introduction to statistics class to entire student body
- Research Class Teaching Assistant* August – December 2011 Eleuthera, The Bahamas
- Assisted in the design, implementation, and analysis of a student experiment
 - Facilitated classroom discussions on statistics, journal articles, and the ecology of invasive lionfish
 - Created question sets for students on assigned journal articles

SERVICE ACTIVITIES

Society Memberships

- International Society for Reef Studies
- American Society of Ichthyologists and Herpetologists
- American Fisheries Society
- Texas Chapter of the American Fisheries Society
- Texas A&M University: Corpus Christi Student Subunit of the Texas Chapter of the American Fisheries Society
 - Secretary (October 2018 – May 2020)
 - Vice-President (May 2020 – December 2021)
- Texas A&M University – Corpus Christi: Marine Science Graduate Student Organization
 - Treasurer (September 2013 – September 2014)
- Texas A&M University – Corpus Christi: University Council of Student Organizations
 - Funding Committee (September 2016 – May 2022)

Greenpeace New Zealand

Database Assistant January – June 2013 Auckland, New Zealand

- Develop new ways to check signed petitions for people already existing in our database and then import new information to existing supporters and new supporters into the database
- Ensure information in database is entered correctly
- Process weekly and monthly credit card and direct debit transactions

Speak up for Blue

Contributing blogger December 2012 – April 2013 www.speakupforblue.com

- Publish two monthly articles raising awareness about various ocean topics

2evolve

Telefundraiser October – December 2012 Auckland, New Zealand

- Fundraise on behalf of charities such as Amnesty International to build membership for ongoing charitable campaigns and raise awareness about ongoing global issues

National Honors Society

September 2005 – June 2006 Medway, MA

Boy Scouts of America

September 1999 – December 2006 Medway, MA
May 2006

- Eagle Scout

GRADUATE COURSEWORK

Statistics/Modelling

- Statistical Methods in Research I (MATH 6315)
- Statistical Methods in Research II (MATH 6316)
- Mixed Effects Models (MATH 6317)
- Systems Analysis (CMSS 6303)
- Introduction to Bayesian Statistics (MARB 6590)

Biology

- Marine Ecology (MARB 6436)
- Marine Ecosystem Dynamics (MARB 6590)
- Marine Genetics (MARB 6590)
- Coral Reef Systems (MARB 6301)
- Marine Plankton (MARB 6430)
- Evolutionary Genetics (MARB 6590)

* MARB 6590 is a special topics course which changes each semester

SKILLS AND QUALIFICATIONS

Certifications:

- PADI Divemaster >1500 dives logged; >900 hours
- AAUS Scientific Diver
- SSI Enriched Air Nitrox
- EMT-Basic, CPR, DAN O₂, AED, DAN Professional Diving First Aid
- REEF Caribbean Fish ID Level 4

Field and Laboratory:

- Subtidal fish and invertebrate surveys; collection of live fish, invertebrates, and corals; fish sizing; CTD rosette and nisken bottle deployment; sterile processing of water samples; soil coring
- Small boat driving
- Dissections; otolith removal; gut content analysis; DNA Extractions; PCR; fluorescent and light microscopy; fluorescent staining; KCl extraction of NH₄⁺ and NO₃⁻; microsatellites; ddRAD

Computer:

- PC; Linux; Macintosh; Microsoft Office; Python; JMP; KaleidaGraph; ImageJ; EndNote; CPCe; Bilko; Vidana; R; Zotero; BASH; QGIS; Agisoft Pro; Julia

Husbandry:

- Penguin; Elasmobranch; Sea Turtle; Teleost

Language:

- Conversational in French
-