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CURRICULUM VITAE

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EDUCATION:

- 1993 Ph.D. (Biological Oceanography), Massachusetts Institute of Technology/Woods Hole Oceanographic Institution (MIT/WHOI) Joint Program in Oceanography; Woods Hole, MA, USA. Ph.D. co-advisors: Cheryl Ann Butman (now Zimmer) and J. Frederick Grassle
- 1987 M.Sc. (Oceanography), McGill University, Montreal, Quebec, Canada. M.Sc. thesis advisor: John B. Lewis
- 1984 B.Sc. Hon. (Biology), Memorial University of Newfoundland (MUN), NL, Canada. Honours advisor: Richard L. Haedrich

PROFESSIONAL EXPERIENCE:

- 2015-2020 Network Director, Natural Sciences and Engineering Research Council of Canada (NSERC) Strategic Research Network "Canadian Healthy Oceans Network II"
- 2016-2019 Associate Scientific Director, Ocean Frontier Institute, MUN
- 2016 Guest Investigator, Woods Hole Oceanographic Institution, Woods Hole, MA
- 2013 Senior Research Fellow, Tvärminnen Zoological Station, University of Helsinki
- 2012 Knapp Visiting Chair, Department of Marine Science & Environmental Studies, University of San Diego
- 2009-present Professor, Ocean Sciences Centre and Biology Dept, MUN
- 2003-2013 Canada Research Chair in Boreal and Cold Ocean Systems (Tier 2),
- 2008-2013 Network Director, NSERC Strategic Research Network "Canadian Healthy Oceans Network I"
- 2003-2009 Associate Professor, Ocean Sciences Centre and Biology Dept., MUN
- 2002 Guest Investigator, Woods Hole Oceanographic Institution, Woods Hole, MA
- 2002-2003 Associate Professor, Biology Department and NSERC Industrial Research Chair in Fisheries Conservation, Marine Institute, MUN, St. John's, NL
- 1996-2002 Assistant Professor, Biology Department and NSERC Industrial Research Chair in Fisheries Conservation, Marine Institute, MUN, St. John's, NL
- 1996 Killam Postdoctoral Fellow, Dalhousie Univ., Halifax, NS (Jon Grant advisor)
- 1993-1995 Postdoctoral Fellow, Institute of Marine and Coastal Sciences, Rutgers University, New Brunswick, New Jersey (Fred & Judy Grassle advisors)
- 1987-1993 Ph.D. Research Assistantship, Massachusetts Institute of Technology/Woods Hole Oceanographic Institution, Woods Hole, MA
- 1984-1987 M.Sc. Research Assistantship and Teaching Assistant/Tutor (General Biology and Biometry), McGill University (Biology), Montreal, Quebec
- 1984 Research Assistant, Federal Department of Fisheries and Oceans, North Atlantic Fisheries Center, St. John's, NL
- 1983 NSERC Summer Fellow, Department of Biology, MUN
- 1982 Field Assistant, Department of Biology, MUN, St. John's, NL

RESEARCH INTERESTS:

Marine community ecology, marine conservation, larval ecology and connectivity of fish and benthic invertebrates, biodiversity patterns and drivers, hydrodynamic effects on benthic communities and populations, deep-sea ecology, coral reef ecology, disturbance and anthropogenic impacts

AWARDS AND FELLOWSHIPS:

- University Research Professor, Memorial University 2015-2020
- Parsons Medal for Achievement in Interdisciplinary Ocean Sciences in Canada 2013
- Senior Research Fellow, Tvärminnen Zoological Station, University of Helsinki 2013
- Knapp Endowed Chair, University of San Diego 2012
- Tier 2 Canada Research Chair, 2003-2007, 2007-2012
- NSERC Industrial Research Chair in Fisheries Conservation, 1996-2003
- Killam Postdoctoral Fellowship, Dalhousie University, 1996
- Rutgers University Postdoctoral Fellowship, 1993
- NSERC 3-Yr Postgraduate Scholarship for Ph.D. Study, 1987
- NSERC Postgraduate Scholarship for M.Sc. Study, 1985
- NSERC Undergraduate Summer Research Fellowship, 1984
- M.J. Dunbar Award for Academic Excellence in Oceanography, McGill Univ., 1987
- Academic Excellence in Biology Award, MUN, 1984

INVITED INTERNATIONAL SCIENTIFIC COMMITTEES:

- Workshop Chair and Lead, Canadian Institute for Advanced Research proposal development team for “*Life in a Changing Ocean*” Montreal and Toronto, 2013-2014
- United Nations Pool of Experts for World Ocean Assessment 2013-2015, 2018- (remote)
- Scientific Advisory Committee, VECTORS EC Program, Athens, Greece and Montpellier, France 2012-2015
- Science Advisory Committee, EC Program “EuroMarine”, Gothenberg, Sweden 2010-2012
- Review Committee – European Science Foundation EURODEEP Program, Dec. 2010
- Review Committee – European Commission Framework 7 Integrated Project 2008
- Chair, Census of Marine Life 2010 Synthesis Group, 2007 – 2010
- Member of Scientific Steering Committee, Int. Census of Marine Life (Ex-Officio) 2008-2010
- Invited Group of Experts, United Nations Law of the Sea Meeting on Marine Scientific Research, New York April 2009
- Chair, Census of Marine Life 2010 International Framework Committee, 2006 – 2007
- SCOPE Scientific Committee on Problems of the Environment. Steering Committee and Marine Chair of the Committee for Soils and Sediments, 1998 – 2005

CORPORATE POSITIONS:

- Advisory Board, ONE OCEAN Hub, UK Research and Innovation, 2019-2023
- Advisory Board, MERCES (MERCES: Marine Ecosystem Restoration in Changing European Seas) European Union Horizon 2020 Project 2016-present
- Advisory Board, A Trans-Atlantic assessment and deep-water ecosystem-based spatial management plan for Europe (ATLAS). Horizon 2020 Project. 2016-present
- Ocean Literacy Think Tank Advisory Board, ResponSEable Horizon 2020 Project 2016-2018
- Advisory Board DEVOTEs (DEVELOPMENT Of innovative Tools for understanding marine biodiversity and assessing good Environmental Status) EU 7th Framework Project 2014-2016
- Board of Directors, Oceans Learning Partnership, 2014-2017
- Board of Directors, People and the Sea Film Festival, 2013 – present

CORPORATE POSITIONS: (cont.)

- Board of Directors, Canadian Centre for Marine Biodiversity 2008 - 2012
- Board of Directors, NSERC Strategic Canadian Healthy Oceans Network, 2008 – 2013
- Neptune Canada Executive Committee (Ex-officio), 2006 – 2013
- Member of the Corporation (Ex-officio) –Woods Hole Oceanographic Institution 2005-2013
- Board of Directors, Canadian Scientific Submersible Facility (CSSF) December 2005 – present

INVITED NATIONAL SCIENTIFIC COMMITTEES:

- Canadian Marine Science Working Group (ORCA – Ocean Researchers Canada Alliance) 2015 - present
- Science Council, Ocean Networks Canada 2015 - present
- Scientific Committee on Oceanographic Research (SCOR) Canadian National Committee 2012-present
- Core expert advisor to Canadian Council of Academies review of Ocean Science Research Needs and Priorities 2011-2012
- Consultant, Canada Newfoundland Offshore Petroleum Board Old Harry Review, 2011
- Co-Chair, NEPTUNE Canada Science Advisory Committee, 2006 – 2011
- Consultant, Natural History Society of Newfoundland Environmental Impact Assessment of Orphan Basin Drilling Program, December 2005
- Chair, Census of Marine Life Canada Steering Committee, October 2004 – 2010
- Consultant, White Rose Environmental Impact Assessment and Advisory Group, Jacques Whitford Inc. St. John's, 2003-2007

INVITED WORKSHOPS (expenses paid):

- Decade of Ocean Sciences Planning Meeting, Copenhagen Denmark, May, 2019
- Deep Ocean Stewardship Initiative Workshop on Climate Change & Deep Sea Mining. La Jolla, June 2019
- Ocean Protection Plan Cumulative Effects Workshop, Transport Canada. Ottawa Feb. 2019
- Atlantic Ocean Research Alliance Ecosystem Based Approaches, Mallorca, Spain April 2019
- Atlantic Ocean Research Alliance What's Next Workshop, Brussels, Belgium Dec. 2018
- Global Ocean Observing System (GOOS) Workshop on Biological Observation, Nov 2018
- Fisheries and Oceans Canada meeting on Networks of Marine Protected Areas, Montreal Nov 2018
- Workshop on Deep Ocean Observation Initiative, Seattle WA, Aug 2018
- Workshop to prepare EU RISE proposal on ecological tools, Brest, France Dec 2017
- Workshop on Deep-Sea Biodiversity Methodology, Nekton Foundation, Oxford UK Mar 2017
- Workshop on “Implications of climate change for a new international legal agreement on conservation and sustainable use of marine biodiversity beyond the limits of national jurisdiction. Pocantico Center of the Rockefeller Brothers Fund, Tarrytown NY
- Ocean Researchers in Canada Alliance planning meeting, Ottawa, February 2017
- DFO NL Region – Steering Committee meeting (and reviewer) on Identifying Ecologically and Biologically Significant Areas. St. John's. February 2017

INVITED WORKSHOPS (expenses paid): (cont.)

- Atlantic Ocean Research Alliance – writing workshop for Work Package 4 – on Ocean Stressors & Health – Developing an Ecosystem Based Approach. Reykjavik, Jan. 2017
- Deep Ocean Observatory Strategy (DOOS) Workshop, Scripps Inst. of Oceanography, La Jolla CA, Dec. 2016
- DFO/WWF Workshop on Ecologically and Biologically Sensitive Areas, Ottawa, Nov. 2016
- Canadian Science Advisory Secretariat “Delineation of Significant Areas of Coldwater Corals and Sponge-Dominated Communities in Canada's Atlantic and Eastern Arctic Marine Waters Halifax, March 2016
- International workshop on Making the ecosystem approach operational. Atlantic Ocean Research Alliance, Copenhagen Jan 2015
- The Atlantic – Our Shared Resource: Making the Vision Reality, European Commission, Brussels April 2015
- Canadian Consortium of Ocean Universities Ocean Science Round Table, Ottawa Oct. 2014
- Ocean Tracking Network, An Ocean of Opportunity. Ottawa June 2014
- National Science Foundation of the United States Workshop on Arctic and North Atlantic Research, Arlington USA April 2014
- European Research Association-Canada Rome Symposium on Arctic and Marine Research Infrastructure, Embassy of Canada, Rome, Italy Sept 2013
- “Ocean Productivity” Roundtable, Japan Prize Foundation (Co-lead) Tokyo, Japan April 2013
- The Atlantic: A Shared Resource Scientific Workshop, Galway Ireland May 2013
- Canadian Institute for Advanced Research *Life in a Changing Ocean* (Workshop organizer and Chair), Montreal June 2012
- Life in a Changing Ocean (Workshop lead) Sydney, Brisbane, & Townsville, Australia, July 2011
- Beyond 2010 (Census of Marine Life follow up) Committee, Washington, DC March 2011
- INDEEP (International Deep-Sea Ecosystems) Workshop, New Orleans, LA December 2010
- International Council for Exploration of the Sea (ICES) Benthic Ecology Working group, Edgewater, Maryland April 2010.
- CoML Scientific Steering Committee, Synthesis Group Meeting, Goa, India, February 2010
- CoML Scientific Steering Committee, Synthesis Group Meeting, Monaco Oct 2009
- GMRI Workshop on Habitat Mapping in the Gulf of Maine, Portland ME April 2009
- Gulf of Marine Research Institute (GMRI) Workshop on Fine-Scale Habitat and Groundfish, York Harbor ME April 2009
- NEPTUNE Canada Science Planning Workshop (Theme co-leader), Victoria BC Feb 2009
- Census of Marine Life Synthesis Workshop (co-organizer, speaker), Long Beach CA Jan 2009
- CoML Scientific Steering Committee, Synthesis Group Meeting, Valencia, Spain Nov 2008
- CoML COMARGE (Census of Continental Margins) workshop, La Jolla, CA Sept 2008
- CoML Synthesis Group Meeting, Chair, Woods Hole, MA August 2008
- CoML Scientific Steering Committee, Synthesis Group Meeting, Hangzhou China May 2008
- CoML National and Regional Implementation Committee, Invited Speaker May 2008
- SCOPE (Science Committee on Problems of the Environment) workshop on Ecosystem Services in Semi-Enclosed Seas), Delmenhorst, Germany, April 2007.

INVITED WORKSHOPS (expenses paid): (cont.)

- Department of Fisheries and Oceans Canada Discovery Corridor Planning workshop and invited speaker, St. Andrews, NB, February 2007.
- Department of Fisheries and Oceans Canada, National Workshop on Science Renewal, Montebello, PQ, February, 2007
- NSERC Annual Meeting/Workshop of University Representatives, Ottawa, Jan. 2007
- Organizer and Chair, CoML Framework Committee meeting, Raleigh, NC January 2007
- Leader, workshop/proposal writing team for “Scientific Criteria for Conservation and Sustainable Usage of Marine Biodiversity in Canada's Oceans”. NSERC Strategic Network Proposal (preproposal approved). Victoria BC Jan & Feb 2007, St. John’s, NL, March 2007.
- Organizer and Chair – CoML Framework Committee meeting, St. John’s, NL, Sept. 2006
- Organizer and Chair – CoML Framework Committee meeting, Narragansett, RI. May 2006
- Invited Participant – Census of Marine Life Steering Committee Meeting, Hawaii, Feb. 2006
- Invited Participant – CORONA (Coordinated Research on the North Atlantic) workshop, Tavira, Portugal. May 2006
- Invited Workshop Participant, CORONA (Coordinated Research on the North Atlantic) meeting, Roscoff, France, July 2005
- Invited Workshop participant – Downeast Fisheries Initiative, Winter Harbor, ME, Oct. 2005
- Invited Workshop Participant – Changing Currents: Charting a Course of Action for the Future of Oceans. Center for Coastal Studies, Simon Fraser Univ., Vancouver, Feb. 2005
- Invited Workshop Participant – Workshop on Planning Coordinated Research on Ecosystems, Climate & Policy in the Northeast. Cooperative Institute for Climate and Ocean Research and Northeast Fisheries Science Center (NMFS), Woods Hole, MA Jan. 2005
- Invited Participant – Census of Marine Life International Meeting of Census of Marine Life Chairs, Paris, Dec. 2004
- NEPTUNE Planning Workshop, invited participant, theme co-chair, Victoria, BC Sept. 2004
- Invited Speaker, Centre for Marine Biodiversity Annual General Meeting. Bedford Institute of Oceanography, Halifax, NS, Dec. 2004
- NEPTUNE Planning Workshop, invited participant, theme co-chair, Victoria, BC May 2004
- Biodiversity Corridors – Center for Marine Biodiversity workshop (Bedford Institute of Oceanography) on establishing focal areas for biodiversity research in Canada. Invited participant and presenter. St. Andrews, NB January 2004
- Canadian Conference for Fisheries Research (CCFFR) – invited discussion panelist on “Three Oceans of Biodiversity a Canadian National Plan 2004 – 2009”. St. John’s NL January 2004
- ORION (Ocean Research Interactive Observatory Network) workshop. San Juan, Puerto Rico, January 2004. Invited participant and discussion moderator.
- Cabled Regional Observatory Workshop (CROW). NEPTUNE Canada invited representative. San Francisco, 7-9 October 2003
- European Commission Workshop on Ecological Theory Underpinning Marine Fish and Benthic Communities. Invited panel expert. Ghent, Belgium. April 2003.
- Consortium of Oceanographic Research and Education (CORE) and Census of Marine Life workshop on “Biodiversity in Deep-Sea Sediments”, Invited workshop participant, Newport, Oregon, August 2003

INVITED WORKSHOPS (expenses paid): (cont.)

- Commission Internationale Pour L'exploration Scientifique De La Mer Méditerranée workshop on "Gaps in Mediterranean Deep-Sea Biology". Invited panel expert and speaker. Heraklion, Greece July 2003
- International Centre for Living Aquatic Resources/NSERC Workshop on "Demographic Connectivity in the Mesoamerican Reef System", Akumal, Mexico, January 2003
- International Council of Scientific Unions (ICSU), workshop on "Assessing Impacts of Biodiversity Changes". Invited participant. Paris, France, January 2003
- VENUS Canada – Science-Industry workshop, invited speaker, Victoria, BC, Dec 2002.
- Ocean Management Research Network (OMRN) workshop on "Linking Science and Local Knowledge". Invited participant and speaker. Ottawa, Ontario, October 2002.
- SCOPE (Scientific Committee on Problems of the Environment) workshop on "Integrating concepts of biodiversity in soils & sediments: a transdisciplinary assessment of the critical taxa, functions & habitats". Invited participant and speaker. Estes Park, Colorado, Oct. 2002.
- International Seabed Authority – Workshop on "Prospects for international collaboration in marine scientific research to enhance understanding of the deep sea environment". Kingston, Jamaica, July 2002
- Census of Marine Life (CoML) Workshop on Biodiversity Priorities in Canada, Invited Participant, White Point, Nova Scotia. February 2002.
- NEPTUNE Canada workshop to develop CFI International Fund proposal. Invited Participant. Victoria, BC, December 2001.
- Consortium of Oceanographic Research and Education (CORE) workshop on "Census of Marine Life – Chemosynthetic Ecosystems", Invited participant, Woods Hole, MA Mar 2001
- Steering Committee and Invited Speaker - EURESCO (European Research Conferences) meeting on Coastal Marine Biodiversity Research, Corinth, Greece, 5-10 May 2001. (Forced to withdraw because of scheduling conflict).
- Consortium of Oceanographic Research and Education (CORE) workshop on "Census of Marine Life – Museums & Marine Labs", Invited workshop participant, Heraklion, Greece, November 2000
- Society for Conservation Biology workshop on Research Priorities in Conservation Biology, invited author/speaker and participant, White Oak, Florida, April 2000
- NEPTUNE Canada workshop on the feasibility of a deep-sea observatory. Invited participant, Victoria, BC, March 2000
- SCOPE (Scientific Committee on Problems of the Environment) workshop on "Soils and Sediments in Critical Transition Zones, invited speaker and workshop participant, Corvallis, Oregon, August 1999
- Linnean Society of London/Natural History Museum Symposium on "Marine Biodiversity". Invited speaker and participant, London, U.K., October 1998
- SCOPE (Scientific Committee on Problems of the Environment), invited workshop participant, Linking Biodiversity Above and Below the Soil/Sediment-Water Interface. Lunteren, The Netherlands October 1998
- SCOPE (Scientific Committee on Problems of the Environment) General Meeting and member Steering Committee for Soils and Sediments. Invited workshop participant. New Brunswick, NJ, June 1998

INVITED WORKSHOPS (expenses paid): (cont.)

- National Center for Ecological Analysis and Synthesis Working Group sponsored workshop on “Deep-Sea Biodiversity: Spatiotemporal Dynamics and Conservation Strategies”, Invited workshop participant, Santa Barbara, CA, March 1998
- Sloan Foundation, sponsored workshop on “Estimating Marine Benthic Species Numbers”, Rutgers University, New Brunswick, New Jersey, October 1997
- SCOPE (Scientific Committee on Problems of the Environment), invited workshop participant, Wageningen, The Netherlands 1997
- BURN (Biodiversity Uncertainty Research Needs) invited workshop participant. Sponsored by USA Environmental Protection Agency, San Diego, CA 1996
- Benthic Ecology Meeting, Rutgers University, New Jersey (Co-organiser) 1995
- DIALOG - ASLO-sponsored meeting for recent Ph.D.'s in Limnology and Oceanography. Invited participant. 1994 Bermuda Biological Station, Bermuda

INVITED TALKS:

- 2019 International Congress on Industrial Port Research, Sept-Iles, Quebec*
- 2019 Biodiversity Beyond National Jurisdiction Workshop, Caribbean Community Regional Integration, Bridgetown, Barbados
- 2019 United Nations Side Event on Biodiversity Beyond National Jurisdiction, New York*
- 2019 Pacific Biological Station, Nanaimo, BC
- 2019 Institute of Ocean Sciences, Sidney, BC
- 2019 Foreign Affairs/DFO Canada Areas Beyond National Jurisdiction Meeting, Ottawa
- 2018 Excellence Network of Island Territories “Engaging Islands” Symposium, St. John’s.
- 2018 Beyond the Challenger Expedition Symposium. Royal Society of London, London.
- 2018 Marine Ecosystem Restoration in Changing European Seas Annual Meeting, Barcelona*
- 2018 Zoological Education Trust, Canadian Society of Zoologists, St. John’s*
- 2018 PICES (North Pacific Marine Science Org.) Symposium on Transition Areas, Mexico*
- 2018 United Nations Side Event on Biodiversity Beyond National Jurisdiction, New York*
- 2017 Schulich Ocean Conference, Inter-University Institute for Marine Sciences, Eilat, Israel*
- 2017 Memorial University Alumni Affinity Event, Halifax, NS*
- 2017 ATLAS EU Annual Network Meeting, Mallorca, Spain
- 2017 Quebec Ocean, Laval University, Quebec City
- 2017 Implications of Climate Change for a New International Legal Agreement on conservation and Sustainable Use of Marine Biodiversity beyond the limits of national jurisdiction. New York, USA
- 2017 EU ATLAS Panel on High Seas Conservation Planning, Brussels, Belgium
- 2016 Final meeting of the DEVOTES EU Framework 7 Project, Brussels, Belgium*
- 2016 XV International Symposium on Marine Natural Products, Cumbouco Beach, Brazil*
- 2016 World Ocean Minister’s Meeting, Lisbon Portugal*
- 2016 Canada Ocean Summit, World Wildlife Fund, Ottawa, ON*
- 2016 The Canada Ocean Lecture, St. John’s NL and Vancouver BC*
- 2016 Canadian Scientific Committee on Oceanic Research (SCOR) Invited Lecture Tour Speaker, University of Alberta, University of Victoria, Pacific Biological Station, Nanaimo, Simon Fraser University, University of British Columbia*

*denotes plenary/keynote

INVITED TALKS (cont.)

- 2015 Lobster in a Changing Ocean International Symposium, Charlottetown, PEI*
- 2015 6th International Barcode of Life Meeting, Guelph, ON*
- 2015 Biology Department, Dalhousie University, Halifax, NS
- 2015 Assoc. for the Sciences of Limnology and Oceanography (ASLO) Annual Science Meeting, Granada, Spain (Introductory speaker)
- 2015 Bioprospect, Annual Bioprospectors Meeting, Tromso, Norway*
- 2014 American Fisheries Society Annual Meeting, Quebec City, Quebec
- 2014 Biology Department, Woods Hole Oceanographic Institution, Woods Hole, MA
- 2014 Ocean Sciences Centre, Memorial University, St. John's
- 2014 Northwest Atlantic Fisheries Centre, St. John's
- 2013 EU Framework 7 Program DEVOTES Annual Meeting, Bilbao Spain*
- 2013 Canadian Science Policy Conference, Toronto, Canada
- 2013 Ocean Innovation 2012, Rimouski, Quebec
- 2013 Tvärminne Zoological Station, Tvärminne, Finland
- 2013 North Atlantic Fisheries Organization Annual Science Conference, Halifax*
- 2013 Japan Prize Commemorative Lecture, Tokyo, Japan*
- 2013 Polytechnical University of Marche, Ancona, Italy
- 2013 Roanoke College, Launch of New Art Exhibit on Oceans, Salem, VA*
- 2012 Åbo Akademi University, Turku, Finland
- 2012 Quebec Ocean 10th Anniversary Symposium. Montreal, Quebec*
- 2012 Draeger Foundation Symposium on Sustainable Oceans, New York.
- 2012 Scripps Institution of Oceanography, La Jolla, CA
- 2012 OECD Global Forum on Marine Biotechnology, Vancouver, BC
- 2012 Science Atlantic Biology, Fisheries & Aquaculture Annual Meeting, Sackville NB*
- 2012 Dept. of Marine and Environmental Sciences, University of San Diego, San Diego, CA
- 2011 Royal Dutch Academy of Sciences Symposium for Carlo Heip, Amsterdam, Netherlands.
- 2012 EuroMarine Annual Science Meeting, Bremen, Germany
- 2011 NSERC Fisheries Capture Network Annual Meeting, St. John's
- 2011 Marine Board (European Union), Madrid, Spain
- 2011 TED Global Conference, Edinburgh, UK
- 2011 Australian Marine Science Association Annual Meeting, Perth, Australia*
- 2011 James Cook University, Townsville, Australia
- 2011 Australian Institute of Marine Sciences, Townsville, Australia
- 2011 CSIRO Marine & Atmospheric Research, Brisbane, Australia
- 2011 Sydney Institute of Marine Sciences, Sydney Australia
- 2011 Ocean Leadership, Washington DC
- 2011 Institute of Marine and Coastal Sciences, Rutgers University, New Brunswick, NJ
- 2011 New England Aquarium (public and science lectures), Boston MA
- 2011 HERMIONE (European Comm. Framework 7) Annual Meeting, Malaga Spain*
- 2011 American University, Washington DC
- 2011 National Council for Science & the Environment National Conference, Washington, DC
- 2011 University of Victoria, Victoria BC
- 2010 Memorial University (public lecture)
- 2010 Natural History Museum, London (public lecture)

*denotes plenary/keynote

INVITED TALKS (cont.)

- 2010 Ocean Literacy Summit, New England Ocean Science Collaborative, Durham NH*
- 2010 Vancouver Aquarium (public lecture), Vancouver BC
- 2010 Continuing Studies in Science, Simon Fraser University, Burnaby, BC
- 2010 PICES (North Pacific Marine Science Organization 2010 Meeting, Portland Ore
- 2010 Italian Society of Limnology and Oceanography Graduate Conference*
- 2010 NOAA Howard Lab, Sandy Hook, NJ
- 2010 Ottawa Commons Group – Oceans Day Discussion, Ottawa, ON
- 2010 Canadian Society for Ecology and Evolution, Quebec City, PQ
- 2009 U.S. Consortium for Ocean Leadership, Washington DC
- 2009 U.S. National Oceanic and Atmospheric Administration, Silver Spring, MD
- 2009 Ocean Biology Observatories Workshop, Sci. Comm. on Oceanic Res., Venice, Italy
- 2009 Integration Board, Canadian Federal Government, Ottawa
- 2009 Biology Department, Woods Hole Oceanographic Institution, Woods Hole, MA
- 2009 Department of Fisheries and Oceans, Ottawa ON
- 2009 Bigelow Laboratory for Marine Science, West Boothbay Harbor ME
- 2008 Symposium to Honour J. Fred Grassle, Rutgers University, New Brunswick, NJ
- 2008 Biology Department, Woods Hole Oceanographic Institution, Woods Hole, MA
- 2008 Marine Protected Areas Workshop, DFO – St. John's, NL
- 2007 Census of Marine Life All Programs Meeting, Auckland, NZ
- 2007 Marine Protected Areas Workshop, DFO – St. John's, NL
- 2006 Congress of the Italian Zoological Union (UZI), Naples, Italy*
- 2006 Biology Department, MUN
- 2006 Sigma Xi Public Lecture, Avalon Chapter, St. John's, NL
- 2006 Oceanography Department, Dalhousie University, Halifax, NS
- 2005 AAAS Annual Meeting, Washington, DC
- 2005 International Marine Biotechnology Conference, St. John's, NL*
- 2004 Bedford Institute of Oceanography, Halifax
- 2004 Canada Research Chair Public Lecture, MUN
- 2003 School of Marine Sciences, University of Maine, Orono, Maine
- 2003 Biology Department, Woods Hole Oceanographic Institution, Woods Hole, MA
- 2002 Oceanography Department, University of Hawaii, Manoa Hawaii
- 2001 International Seabed Authority, Jamaica, WI
- 2001 Ocean Sciences Centre, MUN
- 2001 Biology Department, University of Victoria, Victoria, BC
- 2000 Larval 2000 (Biannual Larval Biology Meeting) Santa Cruz, California
- 2000 Society for Conservation Biology Workshop, White Oaks, Florida
- 1999 Chesapeake Biological Laboratory, Maryland, USA
- 1999 Biology Department, Simon Fraser University, Vancouver, BC
- 1998 Linnean Society of London, Natural History Museum, London, UK
- 1997 American Association for the Advancement of Science (AAAS), Seattle, WA
- 1996 Biology Department, University of Regina, Regina, Saskatchewan
- 1996 Marine Institute, MUN, St. John's, NL
- 1994 Biology Department, Northeastern University, Boston, MA
- 1994 Biology Department, University of California, Los Angeles, CA
- 1994 Geology Department, Duke University, Durham, NC

INVITED TALKS:

- 1994 Duke University Marine Laboratory, Beaufort, NC
- 1994 DIALOG (ASLO Dissertation Abstracts in Limnology & Oceanography), Bermuda
- 1993 Dept. of Marine, Earth & Atmospheric Sciences North Carolina State Univ., Raleigh, NC

CONTRIBUTED TALKS (oral unless stated):

- 2018 World Conference on Marine Biodiversity, Montreal, Canada
- 2016 Benthic Ecology Meeting, Portland, ME
- 2014 AGU/ASLO Ocean Sciences Meeting, Honolulu, HI
- 2012 Benthic Ecology Meeting, Savannah, GA
- 2011 Australia Marine Science Association Annual Meeting, Perth, Australia
- 2010 International Council for the Exploration of the Sea (ICES), Nantes, France
- 2009 World Conference on Marine Biodiversity, Valencia, Spain
- 2008 IEEE Oceans '08 Meeting, Quebec City, PQ (session co-chair)
- 2008 Assoc. for the Sciences of Limnol. Oceanogr. (ASLO) Summer Meeting, St. John's, NL
- 2008 American Geophysical Union/ASLO Ocean Sciences Meeting, Orlando, FL
- 2004 Oceanography Society/ASLO Meeting, Honolulu, HI (session organizer, speaker)
- 2004 Canadian Conference for Fisheries Research, St. John's, NL
- 2003 Tenth Deep-Sea Biology Symposium, Coos Bay, Oregon
- 2003 Gordon Research Conference on Permeable Sediments (poster presenter), Lewiston, ME
- 2003 Benthic Ecology Meeting, Mystic, CT
- 2002 ASLO Summer Meeting, Victoria, BC (session co-organizer and poster presenter)
- 2001 ASLO General Meeting, Albuquerque, NM (session co-organizer and speaker)
- 2000 Larval 2000 (Biannual Larval Biology Meeting) Santa Cruz, CA
- 2000 AGU/ASLO Ocean Sciences Meeting, San Antonio, TX (session chair)
- 1998 AGU/ASLO Ocean Sciences Meeting, San Diego, CA (session co-chair)
- 1997 Biology Department, MUN, St. John's, NL
- 1996 Biological Oceanography Seminar Series, Dalhousie University, Halifax, NS
- 1996 Oceanography Department, Dalhousie University, Halifax, NS
- 1996 AGU/ASLO Ocean Sciences Meeting, San Diego, CA
- 1995 Benthic Ecology Meeting, Rutgers University, New Brunswick, NJ
- 1994 International Deep-Sea Biology Symposium, Crete, Greece
- 1994 Benthic Ecology Meeting, Mystic, CT (session chair)
- 1994 ASLO/AGU Joint Ocean Sciences Meeting, San Diego, CA
- 1993 ASLO General Meeting, Edmonton, Alberta
- 1993 Institute of Marine and Coastal Sciences, Rutgers University, New Brunswick, NJ
- 1993 Biology Department, Woods Hole Oceanographic Institution, Woods Hole, MA
- 1992 Biology Department, University of Victoria, Victoria, BC
- 1992 Oceanography Department, University of British Columbia, Vancouver, BC
- 1992 Biology Department, Woods Hole Oceanographic Institution, Woods Hole, MA
- 1992 Benthic Ecology Meeting, Newport, RI
- 1992 ASLO General Meeting, Santa Fe, NM
- 1991 Biology Department, Woods Hole Oceanographic Institution, Woods Hole, MA
- 1991 Sixth International Deep-Sea Biology Symposium, Copenhagen, Denmark
- 1990 AGU/ASLO Ocean Sciences Meeting, New Orleans, LA

CONTRIBUTED TALKS DETAILS: (last 7 yrs only, oral except as stated, HQP in bold)

- 2019 *Benthic Ecology Meeting, St. John's NL* (1) **Miatta M**, Snelgrove, PVR. Sea pen fields as key biogenic habitats in deep-sea soft sediments: the proposed Laurentian Channel Marine Protected Area example. (2) **Geissinger, EA**, Gregory RS, Snelgrove PVR. Overwinter survival and movement of juvenile Atlantic cod (*Gadus morhua*) in nearshore coastal Newfoundland. (3) **Ciraolo, A**, Snelgrove, PVR Cumulative impacts of hypoxia and trawling on Northeast Pacific benthos (poster). (4) **Young C**, Snelgrove PVR, Coté D, Hajibabaei M, Fahner N. Distributions of deep-sea corals and sponges near Hatton Basin, Northwest Atlantic. (5) **Le Corre N**, Pepin P, Burmeister A, Walkusz W, Wang Z, Brickman D, Snelgrove P. Impact of temperature on northern shrimp (*Pandalus borealis*) larval dispersal.
- 2018 *World Conference on Marine Biodiversity, Montreal Quebec*. (1) Snelgrove, PVR. Sustaining Marine Biodiversity in Canada and Globally: A Tribute to Dick Haedrich. (2) **Campanyà i Llovet N**, Snelgrove PVR. Macroinfaunal communities and food webs from Barkley methane hydrates (British Columbia): The role of food patchiness in space and time. (3) **Le Corre, N**, Pepin, P, Han, G, Snelgrove, PVR. Assessing connectivity patterns within Newfoundland and Labrador shrimp population. (4) **Miatta, M**, Snelgrove, PVR. Biological and environmental drivers of deep-sea benthic ecosystem functioning in Canada's Laurentian Channel Area of Interest (AOI) (poster)
- 2016 *International Marine Conservation Conference, St. John's NL*. (1) **Campanyà i Llovet N**, Snelgrove PVR. Food patches as drivers of biodiversity patterns in infaunal communities in Barkley methane hydrates, a potential energy source (2) **Belley, R.**, Snelgrove PVR. Relative contributions of biodiversity and environment to seafloor ecosystem functioning. *AGU/ASLO 2016 Ocean Sciences Meeting, New Orleans, LA*. **Campanyà i Llovet N**, Snelgrove PVR. Environmental drivers of spatial and temporal variation in infaunal communities at methane hydrates. *Benthic Ecology Meeting, Portland ME*. (1) **Campanyà i Llovet N**, Snelgrove PVR. Temporal variability in infaunal communities at methane hydrates. (2) New ROV video observations of deep-water benthic biodiversity in Baffin Bay and the northwest Labrador Sea (Eastern Canadian Arctic). Neves BM, Archambault P, Dufour S, Deering R, Edinger E, Snelgrove P, Verhoeven J, Wareham V. (3) Snelgrove PVR, Archambault P, Lawton P, McKindsey C, Metaxas A, Pepin P, Therriault T, Tremblay J-E, Tunnicliffe V. Canadian Healthy Oceans Network II: Conservation science for ocean policy. *AGU/ASLO Ocean Sciences Meeting*. **Campanyà i Llovet N**, Snelgrove PVR. Environmental drivers of spatial and temporal variation in infaunal communities at methane hydrates, New Orleans, LA. *Canadian Conference for Fisheries Research, St. John's, NL*. **Van Wyngaarden M**, Snelgrove PVR, DiBacco C, Hamilton LC, Rodrigues-Ezpeleta N, Bradbury IR. Environmental influences on selection and structure in sea scallop, *Placopecten magellanicus*.
- 2015 *Ocean Networks Canada Refresher Workshop on Barkley Canyon, Victoria, BC*. **Campanyà-Llovet N**, Snelgrove PVR. The role of Barkley Canyon and Barkley Hydrate food quality for deep-sea fauna. *Deep-Sea Biology Symposium, Aviero, Portugal*. **Campanyà i Llovet N**, Snelgrove P. Barkley methane hydrate patch mosaics and drivers of infaunal patterns. *Can Conf. for Fisheries Res.*, Windsor, ON. **Van Wyngaarden M**, Snelgrove PVR, Hamilton L, Rodríguez-Ezpeleta N, DiBacco C, Bradbury IR. Genetic differentiation and population connectivity in northwest Atlantic populations of the sea scallop, *Placopecten magellanicus*, using whole-genome scanning. *Benthic Ecology Meeting, Quebec City* **Belley R**, Snelgrove PVR, Juniper SK, Archambault P. Environmental drivers and spatio-temporal

CONTRIBUTED PRESENTATION DETAILS: (last 7 years, oral except as stated) (cont.)

- variation in benthic fluxes in the North East Pacific. **Stanley RRE**, Daigle RM, Snelgrove PVR, deYoung B, Pedersen EJ. The influence of vertical movement on dispersal of American lobster (*H. americanus*) larvae. *Can. Soc. Ecol. Evol.*, Saskatoon, SK **Van Wyngaarden M**, Snelgrove PVR, DiBacco C, Hamilton LC, Rodríguez-Ezpeleta N, Bradbury IR. Population connectivity and environmental drivers of adaptation in the sea scallop, *Placopecten magellanicus*. *The Evolution Conference*, Guarujá, Brazil. **Van Wyngaarden M**, Snelgrove PVR, DiBacco C, Hamilton LC, Rodríguez-Ezpeleta N, Bradbury IR. Environmental drivers of adaptation and population structure in the sea scallop.
- 2014 *Gordon Research Conf. "Oceans & Human Health*, Biddeford ME (Discussion Leader). *Genomics: the Power & the Promise Conference*. **Van Wyngaarden M**, Snelgrove PVR, Hamilton L, Rodríguez-Ezpeleta N, Bradbury IR. Genetic differentiation and population connectivity in Northwest Atlantic populations of the sea scallop, *Placopecten magellanicus*, using whole-genome scanning (poster). *AGU/ASLO 2014 Ocean Sciences Meeting*. Honolulu HI (1) Snelgrove P, Archambault P, Juniper SK, Lawton P, McKindsey C, Metaxas A, Pepin P, Tunnicliffe V. New tools to support sustainable oceans in Canada: the Canadian Healthy Oceans Network (CHONe). (2) **Belley R**, Snelgrove, P. Small critters play a big role? Benthic biodiversity and ecosystem functioning in coastal sedimentary environments. **Stanley, RE**, Bradbury IR, Snelgrove PVR, DiBacco C, Thorrold S. Spatial variation in otolith geochemistry of juvenile Atlantic cod, *Gadus morhua*, in coastal Newfoundland: environmental and biological drivers. **Wei C**, Roy V, Bélanger S, P. Lawton, P. Snelgrove, P. Archambault. A multi-scale approach to predicting deep-sea epifaunal biomass in the Canadian high arctic using remotely sensed data. *Benthic Ecology Meeting*, Jacksonville **Belley, R.** and P. Snelgrove. Effects of polychaete diversity on ecosystem functioning.
- 2013 *American Fisheries Society Larval Fish Conference*, Miami FL **Schornagel DB**, Gregory RS, Snelgrove PVR. Fine-scale habitat use of juvenile Greenland cod (*Gadus ogac*) as revealed by acoustic telemetry. *Canadian Assoc. of Geographers Conference*, St. John's, NL **Schornagel DB**, Gregory R, Snelgrove. P. Fine-scale habitat use of juvenile Greenland cod. *Gadus ogac*) as revealed by acoustic telemetry. *Can. Conf.on Fish. & Fish. Res.*, Windsor(ON) **Shapiera M**, Gregory R, Snelgrove P. Relax or relocate: dispersal and home range of age 1 Greenland cod in Newman Sound, Newfoundland
- 2012 *Benthic Ecology Meeting*, Charleston, SC. Snelgrove PVR, Archambault P, Juniper SK, Lawton P, McKindsey C, Metaxas A, Pepin P, Tunnicliffe V. The Canadian Healthy Oceans Network (CHONe): An academic-government research partnership. Ocean Observatory Workshop, Halifax, NS. **Belley R**, Snelgrove, P (2012). Seafloor biodiversity and ecosystem functioning in contrasting environments. *Canadian Healthy Oceans Network (CHONe) Meeting*, Ottawa, ON (Poster). **Belley R**, Snelgrove P (2012). Seafloor biodiversity and respiration in Saanich Inlet and the Strait of Georgia. *Saanich Inlet Symposium*, Sidney, BC. **Belley R**, Snelgrove P. (2012). Benthic macrofaunal biodiversity and ecosystem functioning in Saanich Inlet and Strait of Georgia: Preliminary results.
- 2011 *Benthic Ecology Meeting*, Mobile AL (1) **Robar A**, Snelgrove P, Juniper SK. Impacts of polychaete diversity on ecosystem services. (2) **Stanley R, Howse V** and Snelgrove P. An exploratory analysis of colour polymorphism in larval American lobster (*Homarus americanus*): patterns and implications. Mobile, Alabama. *World Conference on Marine Biodiversity* (1) Snelgrove P., Miloslavich P, Yarincik K. Beyond 2010: A Strategy to Carry

CONTRIBUTED PRESENTATION DETAILS: (last 7 years, oral except as stated) (cont.)

the Census of Marine Life Forward. (2) **Robar A**, Snelgrove P, Juniper SK. Impacts of polychaete diversity on ecosystem services. (3) Yarincik K, Miloslavich P, Snelgrove P. Census of Marine Life: Implications for management – past, present, future. Aberdeen, UK.

CONFERENCE / MEETING ORGANIZATION:

- Co-organizer, Ocean Frontier 2018 Biennial Meeting, St. John's NL 2018
- Co-organizer, Deep Ocean Observation Initiative Workshop, Seattle, Washington
- Co-Chair: World Marine Biodiversity Congress Scientific Committee, Montreal, PQ May 2018
- Co-organizer, Focal Group on Marine Protected Areas in Canada and 2020 Targets, International Marine Conservation Conference, St. John's July 2016
- Chair/Co-organizer: Scientific Committee on Oceanic Research (SCOR) workshop on "Seafloor Ecosystem Functions and their Role in Global Process", Naples, Italy Sept 2015
- Chair/Co-organizer: Canada's Ocean Vision 2020. Vancouver Dec 2013
- Chair and lead organizer: Canadian Institute for Advanced Research (CIFAR) Task Force on Life in a Changing Ocean, Toronto 2013
- Co-organizer: Session at International Council for the Exploration of the Sea (ICES) on "Meeting Biodiversity Needs for 2010 Commitments. Nantes, France November 2010
- Organizing Committee: ASLO Summer Meeting, St. John's, NL, June 2008
- Co-organizer: Special session for 2008 ASLO meeting on "Connectivity in Aquatic Ecosystems" St. John's, NL, June 2008
- Co-Organizer: "Zonal Research Capacities to Evaluate Ecology and Status of Seamounts in Northwest Atlantic Waters", Bedford Institute of Oceanography, Halifax, NS Jan. 2008
- Organizing Committee: Amer. Fish. Soc. (AFS) Larval Fish Meeting, St. John's NL July 2007
- Co-Chair – Three Oceans of Biodiversity: Canada's Role in the Census of Marine Life. Workshop Steering Committee and Meeting Organizer, Ottawa, Oct. 2004
- Co-organizer: Session for 2001 ASLO meeting on "Fisheries Limnology/ Oceanography: Scaling Fisheries From Egg to Adult and Back Again, Albuquerque, NM February 2001
- Co-organizer: Special session for 2002 meeting of the American Society of Limnology and Oceanography (ASLO) "Zooplankton and Fisheries", Victoria, BC, June 2002

SCIENCE COMMUNITY SERVICE:

- External Evaluator for Promotion File, University of the West Indies, 2019
- External Evaluator for GEOMAR Helmholtz Impulsfonds appointment
- External Evaluator for Tenure File, St. Francis Xavier University, Canada, 2014
- External Evaluator for Tenure File, Thompson River University, Canada, 2014
- Advisory Committee, Laurentian Channel Area of Interest, Fisheries and Oceans Canada 2014
- PhD Examiner, Université du Québec a Rimouski, Rimouski, Québec 2014
- External Evaluator for Tenure File – University of Alaska 2014
- External Evaluator Panelist – Inter. Coun. for the Explor. of the Sea (ICES) (remote) 2014
- Getting Science Right Panelist – Canadian Association of University Teachers, St. John's 2014
- External Evaluator for Tenure File, University of Southampton, U.K.
- 2013 External Evaluator for Promotion File, CSIRO, Brisbane, Australia 2013
- External Evaluator for Tenure File – Duke University, U.S.A. 2012

SCIENCE COMMUNITY SERVICE: (cont.)

- PhD Opponent, Åbo Akademi University, Turku, Finland 2012
- External panelist- Sea Education Assoc. Panel Discussion on Sustainable Oceans June 2012
- President – MIT/WHOI Joint Program Alumni/Alumnae Association 2005-2013
- External Evaluator for Promotion – University of Waikato, NZ 2011
- External Evaluator for Promotion – University of New Brunswick 2011
- External Evaluator for Tenure File – Dalhousie University 2011
- External Reviewer, Biology Department, Dalhousie University January 2010
- Network Director, NSERC Strategic Canadian Healthy Oceans Network (CHONe), 2008–14
- Chair, Scientific Advisory Committee, CHONe, 2008 – 2013
- NSERC representative for MUN 2006 -08
- DFO, Ocean Management Research Network meeting. St. John’s NL Sept. 2007
- External Evaluator for Tenure File – San Diego State Univ. 2006
- External Evaluator for Tenure File – College of Charleston 2005
- External Evaluator for Tenure File – University of Victoria 2003

HONOURS STUDENT SUPERVISION:

Date	Student	Student	Student
Completed 2018	Keenin Coombs (Co-supervised)	Olga Trela	
Completed 2017	Chelsea Bloom		
Completed 2011	Victoria Howse		
Completed 2009	Rebecca Doyle		
Completed 2008	Larina Carroll (Co-supervised)	Krista Boland	
Completed 2007	Margaret Warren (Co-supervised)	Candice St. Germain	Karla Short
Completed 2006	Stephen Cole	Stephen Chung	Kate Gardiner
Completed 2002	Kelly Carter (Co-supervised)		
Completed 2001	Krista Park		
Completed 1999	Jonathon Martin	Thomas Brown	

GRADUATE STUDENT SUPERVISION:

Date		Individual	Degree	Comments
2019 - present	42	Ty Colvin	M.Sc.	Advisor
2019 - present	41	Rebecca Evans	M.Sc.	Advisor
2019 - present	40	Amy McAllister	M.Sc.	Co-advisor
2019 – present	39	Mary Clinton	M.Sc.	Advisor
2018 – present	38	Alessia Ciraolo	Ph.D.	Advisor
2018 – present	37	Catie Young	M.Sc. (part time)	Co-advisor
2018 – present	36	Benjamin King	M.Sc.	Co-advisor
2016 – present	35	Salma Husaien	Ph.D. (personal leave)	Co-advisor
completed 2019	34	Emma Cooke	M.Sc.	Co-advisor
2016 – present	33	Emilie Geissinger	Ph.D.	Co-advisor
2016 – present	32	Marta Miatta	Ph.D.	Advisor
2016 – present	31	Danielle Quinn	Ph.D.	Co-advisor

2016 – present	30	Victoria Howse	M.Sc.	Advisor
2015 – present	29	Evelyn MacRobert	M.Sc.	Co-advisor
2014 – present	28	Rebecca Steinhart	M.Sc. (medical leave)	Advisor
2014 – 2015		Rachelle Porter	M.Sc.	Withdrew
completed 2018	27	Neus Campanyà y Llovet	PhD	Advisor
completed 2016	26	Mallory Van Wyngaarden	M.Sc.	Co-advisor
completed 2016	25	Renald Belley	Ph.D.	Advisor
completed 2016	24	Ryan Stanley	Ph.D.	Advisor
completed 2016	23	Melanie Rossong	Ph.D.	Co-advisor
completed 2015	22	Dustin Schornagel	MSc	Co-advisor
completed 2015	21	Ashley Robar	M.Sc.	Co-advisor
completed 2013	20	Melanie Shapiera	M.Sc.	Co-advisor
completed 2013	19	Krista Baker	Ph.D., Part time	Co-advisor
completed 2013	18	Corey Morris	Ph.D., Part time	Advisor
2010 – 2011		Nicole Dunleavy	MSc candidate,	Withdrew
completed 2011	17	Louise Copeman	PhD	Co-supervisor
completed 2010	16	Victoria Burdett-Coutts	M.Sc.	Co-advisor
completed 2009	15	Mary Ryan	M.Sc.	Co-advisor
completed 2009	14	Ryan Stanley	M.Sc.	Co-advisor
completed 2009	13	Ashlee Lillis	M.Sc.	Advisor
completed 2009	12	Kelly Carter	M.Sc.	Co-advisor
completed 2009	11	Michael Kelly	M.Sc.	Advisor
completed 2007	10	Lu Guan	MSc	Advisor
completed 2006	9	Jared Crawford	Master of Marine Studies	Advisor
completed 2004	8	Pedro Quijon	Ph.D.	Advisor
completed 2003	7	Harshana Rajakaruna	MSc	Co-advisor
completed 2002	6	Danielle Nichols	Master of Marine Studies	Advisor
completed 2001	5	Andrea Carew	Master of Marine Studies	Co-advisor
completed 2001	4	Barry McCallum	Master of Marine Studies	Advisor
completed 2001	3	Patricia Ramey	M.Sc.	Advisor
completed 2000	2	Ian Bradbury	M.Sc.	Advisor
completed 1999	1	Gina Billard	Master of Marine Studies	Advisor

POSTDOCTORAL INVESTIGATOR SUPERVISION:

Date	Individual	Comments
2018-	Neus Campanyà y Llovet	Co-supervisor
2016-2017	Barbara Neves	Co-supervisor
2016 – 2018	Nicolas LeCorre	Co-supervisor
2013 – 2015	Richard Allen	Co-supervisor
2011 – 2014	Chih-Lin Wei	Co-supervisor
2010-2011	Colleen Mercer-Clark	Co-supervisor
2007-2008	I. Bradbury	Co-supervisor
2004-2005	K. Alexandra Curtis	Co-supervisor

UNDERGRADUATE TEACHING:

Marine Biodiversity (Taught solo) Winter 2012 (University of San Diego)
Biological Oceanography (Co-taught or solo), Fall 2010-2014, 2016 MUN
Aquatic Biology (Co-taught), Fall 2008, 2009, MUN
Biophysics (Guest lecture), Winter 2006, 2007, 2008, MUN
Benthic Ecology (Taught solo), Winter 1999, 2000, MUN
Benthic Ecology (Taught solo), Summer field course, 1998, 1999, 2000, MUN
Experimental Marine Ecology (Co-taught) Summer field course 2005-8, 2011, 2013-15 MUN
Marine Principles and Techniques (Co-taught), Summer 2004, MUN
Biogeography & Systematics (Co taught) Fall 2002 MUN
Ecology (Co-taught), Fall 2001-2007, 2012 MUN
Distribution Patterns in the Sea (Co-taught), Winter 2002 MUN
Ecology of Open Waters (Co-taught, Summer 2001, 2003 MUN
Conservation Biology (Co-taught), Winter 2000, 2001, MUN
Aquatic Biology (3 guest lectures), Fall, 1997, MUN
Benthic Ecology (Co-taught), Summer 1997, Field course, MUN
Marine Principles & Techniques (Guest lecture), Spring 1997, Field course, MUN
Biological Oceanography (Guest lecture), Winter 1996, Dalhousie University, Halifax, NS
Benthic Ecology (Guest lecture), Winter 1996, Dalhousie University, Halifax, NS
Marine Biology (Guest lecture), Fall 1995-2000 Rutgers University, New Brunswick, NJ
Marine Conservation (Guest lecture), Spring 1995, Rutgers University, New Brunswick, NJ
Invertebrate Taxonomy (Teaching Assistant), Winter 1995, Rutgers University.
Benthic Ecology (guest lecture), Spring 1994, Rutgers University, New Brunswick, NJ
Invertebrate Zoology (Guest lecture), 1990, University of Massachusetts, Dartmouth, MA
General Biology & Biometry (Teaching Assistant/Tutor), 1984-1987, McGill University, PQ
Cell Biology & Biometry (Teaching Assistant/Tutor), 1983-1984, MUN
Conservation Biology (co taught) Winter 2000, 2001 MUN
Fisheries Science (taught solo) Fall 2000, 2001, 2002, 2003, 2005, guest lecture 2010 MUN
Sampling Methods in Oceanography (co-taught with 4 others), Fall 2008
Marine Benthic Ecology, Winter 2000, MUN

GRADUATE TEACHING:

Plankton Biology (co-taught with R. Hooper) Winter 1998, MUN
Fisheries Science (co-taught with G. Rose and J. Wroblewski) Fall, 1997, 1998, 1999 MUN

GRADUATE STUDENT COMMITTEES:

Date	Student	Degree	Advisor
2018 -	Jessica Schultz	PhD Guelph	P. Hebert
2016 -	Jenna MacKinnon	MSc	C. Parrish, J.E. Tremblay
2016 -	Sean Hacker Teper	MSc	P. Gagnon
2015 -	David Beauchesne	Ph.D. Laval	P. Archambault, D. Gravel
2015 -	Samantha Trueman	M.Sc.	P. Gagnon
2012 - 2014	Ian Hamilton	M.Sc.	M. Abrahams, I. Fleming
2011 -	Brynn Devine	Ph.D.	J. Fisher
2011 -	Ainsley Latour	M.Sc	D. Deibel

2011 – 2015	Travis Nielsen	M.Sc	I. McGaw
2011 -2013	Katie Gayle	M.Sc.	A. Mercier
2010 – 2013	Rebecca Doyle	M.Sc	S. Dufour
2011 -2015	Victoria Howse	M.Sc.	S. Rowe
2012 -	David Belanger	Ph.D.	P. Gagnon
2009 – 2014	Remi Daigle	Ph.D Dalhousie	A. Metaxas
2009 – 2011	Michelle Lloyd	M.Sc Dalhousie	A. Metaxas
2009 -	Larina Carroll	M.Sc	M. Rise
2008 -2011	Kyle Matheson	M.Sc	P. Gagnon
2008 - 2014	Lina Stolze	Ph.D	S. Bentley
2006 – 2009	Zhao Sun	M.Sc	A. Mercier & E. Edinger
2006 – 2008	Ashley Callahan	M.Sc	D. Deibel & C. MacKenzie
2004 –incomp.	Hind Ellukah	M.Sc	D. Deibel & R. Thompson
2004 – 2008	Mark Renkowitz	M.Sc	D. Schneider & R. Gregory
2004 – 2007	Sean Killen	Ph.D	J. Brown & K. Gamperl
2004 – 2007	Maria Thistle	M.Sc	R. Gregory & D. Schneider
2003 – 2007	Ian Bradbury	Ph.D Dalhousie	P. Bentzen & S. Campana
2002 – 2007	Jennifer Devine	Ph.D	R. Haedrich
2002 – incomp.	Tara Businski	Ph.D	D. Deibel
2002 – 2005	L. Shepard	MSc	D. Schneider
1999 – 2002	P. Sargent	M.Sc.	D. Schneider
1998 – 2004	C. Stevens	Ph.D.	D. Deibel
1997 – 2001	R. Stead	PhD	R. Thompson
1998 – 2000	G. Lawson	M.Sc.	G. Rose
1997 – 2001	R. Jamarillo	Ph.D.	R. Thompson
1997 – 1999	J. Casey	M.Sc.	R. Myers & R. Haedrich

THESIS EXAMINER:

C. Parzanini (PhD Ocean Sciences 2018), G. Rayner (MSc Ocean Sciences 2018), G. Mason (MSc Biol 2017), E. Montgomery (PhD Biol 2017), S. Green (MSc Biology 2015), M. Agapito (PhD Geog 2015), K. Ma (MSc Biol 2012); E. Carruthers (PhD Env Sci 2011), T. Connolly (PhD Biol 2008), C. Rose (MSc Biol 2006), D. Ings (MSc Biol 2005), A. Olafsdottir (MSc Biol 2004), I. Goudie (PhD Biol 2004), Kang'omb (MMS 2004), D. Cardosa (Env Sci 2004), D. Puddister (MSc Biol 2004), B. Laurel (PhD Cog Behav Ecol 2003), M. Murillo (PhD Biol 2002), S. Rowe (MSc Biol 2000), J. Hancock (MSc Biol 2000); D. Cull (MMS 2000).

REFEREED PUBLICATIONS (in preparation or submitted)

Stanley, R.R.E., deYoung, B., Daigle, R.M., Pedersen, E.J., Chassé J., Metaxas A., Snelgrove, P.V.R. (in prep) Simulated dispersal of American lobster (*Homarus americanus*) larvae: a sensitivity analysis for physical and biological variables. *Mar. Ecol. Prog. Ser.*

Danovaro R., Fanelli E., Carugati L., Argyrou M., Azzurro E., Bianchelli S., Canals M., Cantafaro A, Ciuffardi T., Corinaldesi C., Dell'Anno A., Evans J., Fabri M.-C., Foglini F., Galil B., Gianni M., Goren M., Greco S., Grimalt J., Jadaud, A.O., Knittweis L, Lopez J.L, Sanchez-Vidal A., Schembri P.J., Snelgrove P., Taviani M., Vaz S. and IDEM Consortium

- (submitted) Towards a Marine Strategy for the Deep Mediterranean Sea: Analysis of Current Biological Status
- Danovaro R., Aguzzi, J, Fanelli E., Billett D., Carugati L., Corinaldesi C., Dell'Anno A., Gjerde K., Jamieson A.J., Kark S., McClain C., Levin L., Levin N., Ramirez-Llodra, E., Rex M., Ruhl H., Smith C.R., Snelgrove P.V.R., Thomsen L., Van Dover C., Yasuhara M. (in revision) Ecological indicators for an integrated global deep-ocean strategy.
- Belley, R., Snelgrove, P.V.R., Wei, C.-L., Danovaro, R. (in prep) Seafloor ecosystem functioning: A global synthesis and predictions of sedimentary oxygen and nutrient exchange using Random Forests
- Schornagel, D.B., Gregory. R.S., Snelgrove, P.V.R., Morris, C.J., Cote, D., Wiersma, Y.F., Pennell, C.J. (in revision) Evaluation of home range use models for a marine fish using telemetry data. *Diversity and Distributions*
- Bianchi, T.S., Aller, R.C., Atwood, T.B., Buatois, L.A., Levin, L.A., Levinton, J.S., Middelburg, J.J., Morrison, E.S., Regnier, P., Shields, M.R., Snelgrove, P.V.R., Sotka, E.E., Stanley, R.R.E. (submitted) Marine Animal-Sediment Interactions during Climate Change – Biogeochemical Consequences in the 21st Century
- Morato, T., González-Irusta, J.-M, Dominguez-Carrió, C., Wei, C.-L., Davies, A., Sweetman, A.K., Taranto, G.H., Beazley, L., García-Alegre, A., Grehan, A., Laffargue, P., Murillo-Perez, J., Sacau, M. Vaz, S., Kenchington, E., Arnaud-Haond, S., Callery, O. Chimienti, G., Cordes, E., Freiwald, A., Gasbarro, R., Gilkinson, K., Hayes, V.W., Hebbeln, D., Hedges, K., Henry L.-A., Koen-Alonso, M., Lirette, C., Mastrototaro, F, Menot, L., Molodtsova, T. Orejas, C., Pennino, M.G., Puerta, P., Ragnarsson, S.A., Ramiro-Sánchez, B., Rengstorf, A., Rice, J., Rivera, J., Roberts, M., Ross, S.W., Rueda, J.L., Siferd, T., Stirling D., Treble, M. Urra, J., Vad, J., Walkusz, W., Wienberg, C., Woillez, M., Levin, L.A., Carreiro-Silva, M. (submitted) Deep-sea habitat loss under climate change. Climate-induced changes in the habitat suitability of cold-water corals and commercially important deep-sea fish in the North Atlantic
- Layton K.K.S., Dempson J.B., Snelgrove P.V.R., Duffy S., Messmer A.M., Paterson I., Jeffery N.W., Kess T., Salisbury S.J., Ruzzante D.E., Bentzen P., Bradbury I.R. (submitted) Amplicon-based microsatellite genotyping and tagging reveal fine-scale structure and local exploitation of Arctic charr in Northern Canada.

REFEREED PUBLICATIONS:

111. Dell'Anno, A., Cimino, R. Bianchelli, S., Danovaro, R., Snelgrove, P., Corinaldesi, C., Gambi, C., Van Dover, C.L., Da Ros, Z., Morato, T., Sweetman, A., Carreiro-Silva, M., Smith, C., Papadopoulou, N. (2019) The deep sea: the new frontier for ecological restoration. *Marine Policy* 108 (103642).
110. Baker, K.D., Snelgrove, P.V.R., Fifield, D.A., Edinger, E.N., Wareham, V.E., Haedrich, R.L., Gilkinson, K.D. (accepted) Small-scale patterns in the status of bamboo coral, *Keratoisis grayi*, in canyons on the Grand Banks, Newfoundland. *Front. Mar. Sci.* 6(374) 1-10.doi: 10.3389/fmars.2019.00374
109. Wei, C.-L., Cusson, M., Archambault, P., Belley, R., Bourque, M., Brown, T., Burd, B.J., Edinger, E., Kenchington, E., Gilkinson, K., Lemieux, J., Lévesque, M., Link, H., Piot, A., Ramey-Balci, P.A., Scrosati, R., Séguin, A., Snelgrove, P.V.R. (2019) Canada's Three Oceans of Seafloor Biodiversity: patterns, hotspots, and potential drivers. *Diversity and Distributions*. Accepted

REFEREED PUBLICATIONS: (cont.)

108. Levin, L.A. and 30 others. (2019) Global observational needs of the deep ocean. *Frontiers in Marine Science*. Front. Mar. Sci., 6(241): 1-32. <https://doi.org/10.3389/fmars.2019.00241>
107. Yates, K. and 49 others (2019) Better model transfers require knowledge of mechanisms. *Trend Ecol. Evol.* DOI:<https://doi.org/10.1016/j.tree.2019.04.006>
106. Campaña I Llovet, N., Snelgrove, P.V.R. (2019) The role of phytodetrital quality in macroinfaunal community structure and epifaunal response. *Mar. Ecol. Prog. Ser.* 608:45-60.
105. Yates, K.L. and 49 others (2018) Key questions in model transferability. *Trend Ecol. Evol.* 33: 790-802.
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- Associate Editor – *Frontiers in Marine Science* – 2014 - present
- Associate Editor - *Netherlands Journal of Sea Research* Jan 2010 – 2019
- Editorial Board - *Journal of Experimental Marine Biology and Ecology* Oct. 2005 – 2017
- Editor-in-Chief - *Marine Ecology Progress Series* 2018 – present, Contributing Editor 2007-2018, Review Editor 2005-2007, Staff Reviewer 1998-2005.
- Editorial Board - *Marine Ecology* March 2005 – present
- Editorial Board – *Environmental Development* – Fall 2011 - 2012
- Editorial Board - *Endangered Species Research* (marine invertebrates) 2004 – 2013
- Editorial Board - *Biodiversity and Conservation* 2000-2009

REVIEWER FOR:

American Naturalist, *Applied Geochemistry*, Benjamin Cummings Press, *Biodiversa (EC Horizon 2020)*, *Biological Invasions*, *Biological Bulletin*, *Biology Letters*, *BioScience*, *Cahiers de Biologie Marine*, California Coastal Environmental Quality Initiative Program, Cambridge University Press, Canada Foundation for Innovation, *Canadian Journal of Fisheries & Aquatic Sciences*, *Conservation Biology*, *Current Biology*, *Deep-Sea Research*, *Deutsche Forschungsgemeinschaft (DFG)*, *Ecology*, *Ecology Letters*, *Encyclopedia of Biodiversity (Academic Press)*, Helmholtz Impulsfonds *Journal of Experimental Marine Biology & Ecology*, *Journal of Fish Biology*, *Journal of the Marine Biological Association of the U.K.*, *Journal of Marine Biology*, *Journal of Marine Research*, *Journal of Marine Systems*, *Journal of Shellfish Research*, *Limnology & Oceanography*, *Limnology and Oceanography: Methods*, *Marine Biology*, *Marine Ecology (Statione Naples)*, *Marine Ecology Progress Series*, *Marine and Freshwater Research*, Marsden Foundation (New Zealand), Natural Environmental Research Council (NERC) - UK, National Oceanographic Partnership Program, US National Science Foundation (Biodiversity and Inventories, Biological Oceanography, Chemical Oceanography, Equipment and Facilities, International Fellowships, Geology and Geophysics, and Polar Programs), Natural Sciences & Engineering Research Council of Canada (NSERC) - Discovery Grants, Strategic Grants, Idea to Innovation, *Nature*, NOAA/National Undersea Research Program (West Coast, Connecticut, North Carolina and Mid-Atlantic Bight Centers, USA), NOAA Ocean Explorer Program, *Oecologia*, *Philosophical Transactions of the Royal Society B.*, *Proceedings of the National Academy of Science, USA*, *Proc. Royal Soc. Lond.* Princeton University Press, *Quart. Review of Biology*, U.S. Sea Grant Program (Hawaii), *Scientific Reports*, Alfred P. Sloan Foundation, Schmidt Foundation.

REVIEW PANELS:

- European Commission Horizon 2020 Review Panel, Brussels, Belgium 2018
- Helmholtz Institute, Alfred Wegener Institute, Bremerhaven, Germany 2018
- European Commission Horizon 2020 First Stage Proposal Review Panel (remote) 2018
- Gordon and Betty Moore Foundation, Marine Microbial Initiative, Palo Alto, CA 2017
- Helmholtz Institute, GEOMAR, Kiel Germany 2017
- MIDAS (Managing Impacts of Deep-sea Resource Exploitation. European Commission FP7 Final Review (remote) 2016
- Canadian Scientific Advisory Committee (CSAS) Meeting on Ecologically and Biologically Significant Areas in the Placentia Bay/Grand Banks LOMA, External reviewer. St. John's NL
- American Association for the Advancement of Sciences (AAAS) Site Review Panel for New England Environmental Sustainability Consortium, Portland ME 2016
- MIDAS European Commission FP7 Midterm Review Panel (remote)
- Gulf of Mexico Research Initiative, External Evaluation Committee, Washington DC 2015
- External Reviewer – Canadian Scientific Advisory Secret. Review, Eastport MPA Dec 2013
- AAAS review of Gordon and Betty Moore Foundation Marine Microbial Initiative. Washington DC and Woods Hole, MA July 2012 and August 2012
- External Reviewer – OOCMUR Spanish Ocean Observatory Program October 2010
- European Science Foundation – EuroDeep Review Panel, Brussels (via Skype), Dec 2009
- European Commission – Framework Plan 7 Review Panel, Brussels, Belgium, April 2008
- European Science Foundation – EuroDeep Review Panel, Brussels, Belgium, Dec 2006

REVIEW PANELS: (cont.)

- European Science Foundation – EuroDeep Review Panel, Strasbourg, France, June 2006
- Census of Marine Life Seamount Program, Woods Hole, MA, Sept. 2004
- Invited External Reviewer – Benthic Habitat Assessment. Department of Fisheries and Oceans, Bedford Institute of Oceanography, Halifax, Dec. 2004
- NSERC Ship Time Allocations Committee, Ottawa 2004, 2005, 2006 (Chair 2006)
- NOAA/ University of Connecticut National Undersea Research Program (NURP) Proposal Review Panel, Groton, CT, 2004
- Invited Member of Center for Independent Experts (CIE) panel to evaluate U.S. National Marine Fisheries Service Essential Fish Habitat (EFH) model. Seattle, WA, June 2004
- College of Reviewers, Canada Research Chairs Program 2003 - present
- NOAA/ Mid-Atlantic Bight NURP Proposal Review Panel, New Brunswick, NJ, 2000
- NOAA/ University of Connecticut. NURP Proposal Review Panel, Groton, CT, 2000
- NOAA/ West Coast NURP Proposal Review Panel, Monterey, CA 1997
- NOAA/ West Coast NURP Proposal Review Panel, Monterey, CA 1995

UNIVERSITY COMMITTEES:

Search Committee – Land-Sea Interface faculty position, MUN 2019.
Search Committee - Tier 2 Canada Research Chair in Marine Physiological Ecology, 2016
Search Committee – Department of Ocean Sciences Head, 2015.
Promotion & Tenure Committee – Biology Department, 2013-2015, Chair 2013-2014.
Graduate Studies Committee – Department of Ocean Sciences, MUN 2013-present, Chair 2015
Search Committee – Canada Research Chair in Seabed Mapping Chair MUN 2013-2014
Search Committee – Biology Community Ecologist faculty position MUN 2010
University Faculty Awards Committee, MUN 2007 – 2012, 2014
Search Committee – Biology Dept. Marine Invert. Zoologist faculty position, MUN 2007 – 2008
Academic Council Executive, School of Graduate Studies, MUN 2006 – 2010
Academic Council of School of Graduate Studies, MUN 2006 – 2010
Search Committee – Marine Biology/Ecology faculty position, MUN 2006 –2007
Biology Microbiology faculty position, MUN 2005-2006
Internal Search Committee – Bartlett Chair in Oceanography, MUN 2005
Search Committee - Tier I Canada Research Chair in Climate Modeling MUN, Chair 2013-14
Search Committee - Tier I Canada Research Chair in Climate Change Modeling, MUN, 2004-5
Search Committee -Tier II Canada Research Chair - Seabed Imaging & Processes, MUN, 2004-5
Search Committee - Biology Department Head, MUN 2004-5
Biology/OSC Seminar Series Co-Organizer – Biology Dept. and OSC, MUN 2005-2007
Promotion & Tenure Committee – Ocean Sciences Centre, MUN 2003-2005, Chair 2005, 2009-
Graduate Studies Committee – Biology Department, MUN 2002- 2013t, Chair 2005-2007

MEDIA/OUTREACH:

- Interview Halifax Chronicle Herald 2016
- Interview Fisheries Broadcast, CBC St. John's January 2016, September 2008
- Public lecture on Ten Amazing Years of Discovery: the Census of Marine Life, Olin Art Gallery, Roanoke College, January 2013.
- Interview BBC The Forum August 2011

MEDIA/OUTREACH: (cont.)

- Public lecture on Discoveries of the Census of Marine Life: Making Ocean Life Count. Maple Street Book Shop, New Orleans Louisiana, December 2010
- Public lecture and book launch for Discoveries of the Census of Marine Life: Making Ocean Life Count. Memorial University, St. John's, Newfoundland, December 2010
- Interviews BBC World Service Radio, CBC National Radio Quirks and Quarks, Al Jazeera International TV, Skye News Europe, many print media worldwide October 2010
- Interview As it Happens, CBC National Radio, CBC and CTV Halifax, August 2010
- Galatée Films – Film preview and scientific critique, Paris, France March 2009
- Interview, National Geographic Wild Chronicles Television Series, June 2008
- Interview, CBC The National TV News, June 2005

OCEANOGRAPHIC CRUISES:

- June 2019, HB BIGELOW. M. Nizinski and A. Metaxas Chief Scientists. ROPOS ROV work sampling deep-sea sedimentary and coral mapping habitat on New England and Nova Scotia continental slope.
- July 2018, CGS HUDSON. P. Lawton and A. Metaxas Chief Scientists, Scotian Slope, NS. Multicore sampling of sedimentary fauna and video sampling of deep-sea coral environments.
- June 2017, HB BIGELOW. M. Nizinski and A. Metaxas Chief Scientists. ROPOS ROV work sampling deep-sea sedimentary and coral mapping habitat on New England and Nova Scotia continental slope.
- October 2015, CCGS Amundsen, P. Archambault Chief Scientist. Box coring, ROV work, other activities in Baffin Bay and area.
- June 2015, MV CORIOLIS, D. Bourgault Chief Scientist. Box coring, oceanographic moorings in the Gulf of St. Lawrence.
- July 2014, HB BIGELOW. M. Nizinski and A. Metaxas Chief Scientists. ROPOS ROV work sampling deep-sea sedimentary and coral mapping habitat on New England and Nova Scotia continental slope.
- August 2010, CGS HUDSON. P. Lawton Chief Scientist, Scotian Slope, NS. Multicore sampling of sedimentary fauna and video sampling of deep-sea coral environments.
- February 2009, CCGS TULLY. V. Tunnicliffe, Chief Scientist. Saanich Inlet, BC. ROPOS ROV work sampling sedimentary fauna as part of the VENUS Observatory project.
- July 2007, CCGS TULLY. V. Tunnicliffe, Chief Scientist. Saanich Inlet, BC. ROPOS ROV work sampling sedimentary fauna as part of the VENUS Observatory project.
- August 2006. CCGS TULLY. K. Juniper, Chief Scientist. BC Slope. ROPOS ROV work sampling deep-sea sedimentary, coral and seep fauna, mapping habitats and preparing for NEPTUNE instrument deployment.
- July 2006, CCGS TULLY. V. Tunnicliffe, Chief Scientist. Saanich Inlet, BC. ROPOS ROV work sampling sedimentary fauna as part of the VENUS Observatory project.
- July 2006, CCGS Hudson. P. Lawton Chief Scientist, Scotian Slope, NS. ROPOS ROV work sampling sedimentary fauna and deep-sea coral environments.

OCEANOGRAPHIC CRUISES: (cont.)

- May, 2006. CCGS SHAMOOK. R. Gregory, Chief Scientists. Trinity Bay, NL. Tucker trawl sampling of ichthyoplankton.
- February 2006. CCGS TULLY. V. Tunnicliffe, Chief Scientist. Saanich Inlet, BC. ROPOS ROV work sampling sponge reefs and sedimentary fauna.
- July 2005. CCGS TULLY. S. Leys and V. Tunnicliffe, Chief Scientists. Fraser Ridge, BC. ROPOS ROV work sampling shallow-water sponge reefs and sedimentary fauna.
- July 2004. C.C.G.S. SHAMOOK. P. Snelgrove and C. Morris, Chief Scientists. Trinity Bay, NL. CUFES and Bongo sampling of ichthyoplankton.
- June 2004. LAUZIER, B. deYoung and P. Snelgrove, Chief Scientists. Bonne Bay, NL. Bongo sampling, mooring deployment, multicoring.
- May 2004. CCGS SHAMOOK. P. Snelgrove and C. Morris, Chief Scientists. Trinity Bay, NL. CUFES and Bongo sampling of ichthyoplankton.
- May-June 2002. C.C.G.S. TELEOST. P. Pepin and P. Snelgrove, Chief Scientists. Trinity Bay, NL. CUFES and Bongo sampling of ichthyoplankton.
- August 2001. CCGS SHAMOOK. P. Pepin and P. Snelgrove, Chief Scientists. Trinity Bay, NL. CUFES and Bongo sampling of ichthyoplankton.
- May 2001. CCGS SHAMOOK. P. Pepin, Chief Scientist. Trinity Bay, NL. CUFES and Bongo sampling of ichthyoplankton.
- May 2000. CCGS SHAMOOK. P. Snelgrove, Chief Scientist. St. John's, NL to St. John's NL. Box coring and tow-yo sampling of Trinity Bay, NL.
- April 1999. CCGS SHAMOOK. P. Snelgrove, Chief Scientist. Arnolds Cove, NL to Argentia, NL. Ichthyoplankton and CTD survey of Placentia Bay, NL.
- April 1998. CCGS SHAMOOK. P. Snelgrove, Chief Scientist. Arnolds Cove, NL to Argentia NL. Ichthyoplankton and CTD survey of Placentia Bay, Newfoundland.
- April 1997. CCGS. SHAMOOK. P. Snelgrove, Chief Scientist. Arnolds Cove, NL to Argentia NL. Ichthyoplankton and CTD survey of Placentia Bay, Newfoundland.
- October 1996. H.M.S. CORMORANT. G. Rose, Chief Scientist. St. John's, NL to St. John's. Dive in submersible in Placentia Bay to observe cod, redfish and benthos.
- July 1993. ATLANTIS II. J.F. Grassle, Chief Scientist. Woods Hole, MA to Woods Hole. Two ALVIN dives to 2500-m depth at Deep-Water Dumpsite 106 off the New Jersey coast as part of dive series to recover deep-sea colonization experiments to study sludge impact.
- August 1992. ATLANTIS II. J.F. Grassle, Chief Scientist. Woods Hole, MA to Woods Hole. One ALVIN dive to 2500-m depth at Deep-Water Dumpsite 106 off the New Jersey coast as part of dive series for deep-sea colonization experiments to study sludge impact.
- October-November 1991. R/V EDWIN LINK. R.F. Petrecca, Chief Scientist. St. Thomas, USVI to St. Thomas. Four dives in JOHNSON-SEALINK to 900-m depth to conduct experiments on algal decomposition and response of deep-sea organisms. Deployment and recovery of the Moored, Automated, Serial Zooplankton Pump (MASZP).
- December 1990. R/V WECOMA. A.B. Williams III, Chief Scientist. Astoria, Oregon to San Francisco, CA. Spade coring from surface ship to collect sediment samples for biological and sediment analysis in study of Sediment Transport Events on Shelves and Slopes (STRESS).

OCEANOGRAPHIC CRUISES: (cont.)

- December 1989. R/V SEWART JOHNSON. A. Kalvaitis, Chief Scientist. Freeport, Bahamas to Freeport. Demonstration of Sample Collecting and Oceanographic Observation Platform (SCOOP) ROV and its potential applications for deep-sea biological research.
- July 1989. R/V AKADEMIK M. KELDYSH. Washington, D.C. to Bermuda. One dive in MIR submersible (1000 m) to observe capabilities for possible future Soviet/U.S. research.
- May-June 1989. R/V EDWIN LINK. F. Grassle, Chief Scientist. 7 Dives in JOHNSON-SEALINK to 900 m depth in dive series to collect box cores and conduct experiments on effects of various types of organic enrichment on the distribution of deep-sea invertebrates.
- January 1988. R/V ATLANTIS. Guaymas, Mexico to Guaymas. F. Sayles, Chief Scientist. One dive in ALVIN to 2000 m to collect macrofaunal box cores in sediments at hydrothermal vents.
- August 1987. R/V SEWART JOHNSON. Woods Hole to Woods Hole. R. Whitlatch, Chief Scientist. Two dives in submersible JOHNSON SEA-LINK on New England continental slope to collect box cores/run video transects across the sea floor.
- June-July 1987. R/V TWINDRILL. New York City to Bermuda. F. Grassle, Chief Scientist. Three dives in submersible PISCES VI to collect box cores, study effects of organic enrichment on benthos, collect video and still photographs of deep-sea shark bait response.
- May 1987. M/V DAWSON. St. John's, NL to St. John's, NL. R. Haedrich, Chief Scientist. Deploy Isaacs-Kidd Midwater Trawls and conduct CTD profiles in Newfoundland fjords.
- June 1983. M/V DAWSON. St. John's, NL to Argentia, NL. R. Haedrich, Chief Scientist. Collection of Isaacs-Kidd Midwater Trawls and Gulf of Mexico Shrimp Trawls to quantify deep-sea fish and invertebrate fauna, and CTD casts to quantify oxygen and nutrient levels in southern Newfoundland fjords.