

Mattie Rodrigue

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EDUCATION

University of Maine, Orono, ME *School of Marine Sciences*

Degrees sought: M.S. in Marine Biology (anticipated December 2017)
M.S. in Marine Policy (anticipated December 2017)

Advisors: Dr. Yong Chen; 5741 Libby Hall, Orono, ME 04479; (207)-581-4303;
ychen@maine.edu.

Dr. James Wilson; 5741 Libby Hall, Orono, ME 04479; (207)-581-4368; jwilson@maine.edu

Maine Center for Coastal Fisheries, Stonington, ME :Assistant to the Executive Director (2017-present)

- Conducts research for proposals and presentations including effectively calling upon the resources of other staff members and PERC consultants.
- Management of the Executive Director's calendar and "To-Do List" including setting up appointments, meetings, and travel schedules in collaboration with the Administrative Director and Administrative Assistant..
- Attending and taking notes at the majority of the Executive Director's appointments with staff, external partners, visitors, donors and foundation representatives.
- Drafting proposals ,call reports, meeting summaries, letters, reports and presentations and meeting summaries; responsible for communicating above to staff.

University of Maine, Orono ME: Graduate Assistant (2014-present)

- Manages annual Sentinel Survey Research Program: fisheries-independent groundfish survey in the eastern Gulf of Maine involving multiple gear types, four vessels and over sixty sampling stations;
- Oversees annual Before/After-Control/Impact (BACI) study for predator-prey interactions between Atlantic cod and river herring (alewife) in Penobscot Bay;
- Responsible for all sampling trip coverage as the primary onboard observer for both the Sentinel Survey and the BACI study; collects all biological and environmental data points and assimilates and analyzes survey data for all years sampled into estimates of abundance and distribution for all groundfish species caught;
- Cooperates with fishermen involved in the survey to collaborate on scientific and traditional knowledge systems regarding groundfish abundance and distribution in the eastern Gulf of Maine;
- Collaborates with Maine Center for Coastal Fisheries, New England Fisheries Science Center the Department of Marine Resources, and other diverse stakeholder groups to optimize survey work from year to year; and represents the Sentinel Survey to a variety of audiences at the federal and state management level, including receiving invitations from federal scientists and managers to present survey results annually.

PRESENTATIONS

Rodrigue, Mattie and Yong Chen. Developing a Sentinel Longline/Jig Survey for Estimating Abundance and Distribution of Groundfish in the eastern Gulf of Maine.

Canadian Conference For Fisheries Research: Montreal, Canada. 2017

Regional Association for Research on the Gulf Of Maine: Portsmouth, NH. 2016.

International Council for the Exploration of the Seas Annual Science meeting, Riga, Latvia. 2016.

Regional Association for Research on the Gulf Of Maine: Portsmouth, NH. October 14th 2015.
Rodrigue, Mattie, Chen, Y. and James Wilson. Developing a Sentinel Longline/Jig Survey for Estimating Abundance and Distribution of Groundfish in the eastern Gulf of Maine.
School of Marine Science Annual Graduate Student Research Symposium, Walpole, ME 2016.
School of Marine Science Annual Graduate Student Research Symposium, Walpole, ME 2015.

PAPERS and REPORTS

- Rodrigue, Mattie (2016) "An Ocean Venture," The Catch: Vol. 4, Article 4.
Available at: http://digitalcommons.library.umaine.edu/the_catch/vol4/iss1/4
- Rodrigue, Mattie and Yong Chen. Eastern Gulf of Maine Sentinel Survey Report. 2016.
- University of Maine Review Group for the Advice Drafting Group on the Bay of Biscay and Iberian Waters Ecoregion Stocks. International Council for the Exploration of the Seas. 2016.
- Rodrigue, Mattie and Yong Chen. Eastern Gulf of Maine Sentinel Survey Report. 2015.
- University of Maine Review Group for the Advice Drafting Group on Widely Distributed Stocks. International Council for the Exploration of the Seas. 2015.
- Rodrigue, Mattie and Yong Chen. Eastern Gulf of Maine Sentinel Survey Report. 2014.
- Rodrigue, M., Zennguang, L., and Y. Chen. Developing and optimizing a sentinel monitoring program for groundfish in the eastern Gulf of Maine. *In prep.*
- Rodrigue, M., Stoll, J. and J. Wilson. Reconciling complexity, scale-mismatch, and mistrust in New England Fisheries. *In prep.*

SKILLS: RESEARCH AND OTHER

- Computer Skills (proficient in R Studio, ArcGIS, Windows, Microsoft Word, PowerPoint, and Excel) ;
- Over 300+ hours vessel-time in both state and federal waters operating multiple commercial and recreational fishing gear including longline gear and handline gear;
- Proficient in biological data collection of multiple marine organisms, including species identification, length, weight, tissue sampling, fin clip sampling, stomach sampling, and otolith removal, and training volunteers in all listed above;
- International stock assessment review group member 2015-2016;
- Excels in public speaking and presentations to a variety of professional and generalized audiences including students, community members, non-profit members, and state and federal employees.
- Personal strength coach specializing in kickboxing , weightlifting and mental wellness for 30+ clients

AWARDS, SERVICE AND OUTREACH

- Rodrigue, Mattie, Chen, Y. and James Wilson. Developing a Sentinel Longline/Jig Survey for Estimating Abundance and Distribution of Groundfish in the eastern Gulf of Maine.
Midcoast Regional Planning Commission Meeting, 2016.
Maine Fisherman's Forum March 5-7 2015; collaboration with Penobscot East Resource Center.
- Second Prize in World Wildlife Fund International Fisheries Photo Competition;
- Sea Grant Travel Award \$2,500 for travel to Riga, Latvia to present at the International Council for the Exploration of the Seas Annual Science Meeting (2016);
- University of Maine Graduate Student Government Representative (School of Marine Science, 2016);

- Chairperson of School of Marine Science Symposium Planning Committee (2016);
- Co-Chair of School of Marine Sciences Social Club (2016);
- Speaker at Maine Fishermen's Forum in 2015 and outreach booth spokesperson for Penobscot East Resource Center 2015-2017;
- Undergraduate Capstone Advisor for senior student at University of Maine (2016-2017);
- Recipient of the Arizona State University Community Assistant of the Year award (2013 and 2014).
- American Heart Association Spokesperson through a "Jump Rope For Heart" non-profit organization (1998-2010).