

## THURSDAY MORNING (8:30 – 10:00am)

	<b>Frontenac</b> Community Ecology (I)	<b>Jacques-Cartier</b> Life History Stages & Larval Ecology	<b>Bellevue</b> Anthropogenic Impacts (ZEN)	<b>Petit-Frontenac</b> Conservation & Management (I)
<b>8:30</b>	<p><b>*Zerebecki, R.A.; Crutsinger, G.M.; Hughes, A.R.</b> Spartina alterniflora genetic identity affects plant-plant and plant-animal interactions in an experimental marsh community</p>	<p><b>*Duermit, E.; Wilber, D.</b> Assessing ecological consequences of claw removal on stone crabs (Menippe mercenaria) in the field using a non-invasive tagging method</p>	<p><b>*Voigt, E.P.; Hovel, K.A.</b> The interactive effects of structural complexity and biodiversity on seagrass ecosystem function</p>	<p><b>*Mendenhall, K.; Pollack, J.;...Greg Stunz</b> Characterizing the benthic food resources and habitat utilization of Black Drum (Pogonias cromis) in Baffin Bay, TX</p>
<b>8:45</b>	<p><b>*Moore, A.F.P.; Gehring, C.; Hughes, A.R.</b> Fungal and plant responses to experimentally increased resource availability and physical stress in a salt marsh</p>	<p><b>*McCready V.A.; Houghton J.D.R.; Archambault P.; O'Connor N.E.</b> Orientation of substrata and putative predators have marked consequences for jellyfish...</p>	<p><b>*Yeager L.A.; Keller, D.A.; Burns, T.R.;...Fodrie, F.J.</b> Threshold effects of habitat fragmentation per se on fish diversity at landscapes scales</p>	<p><b>*Grabowski, J.H., Philine zu Ermgassen, P.;...Powers, S.</b> Quantifying augmented fish and mobile invertebrate production from oyster reef habitat</p>
<b>9:00</b>	<p><b>*Edquist, S.K.; Harris, L.G.</b> Spatial and Temporal Distribution Patterns of the Trematode Parasite, Zoogonus rubellus, and its Intermediate Hosts in Great Bay Estuary, NH</p>	<p><b>*Coelho M.A.G.; Lasker H.R.</b> Larval biology of the Caribbean octocoral Antilloorgia americana and its implications for dispersal</p>	<p><b>*Livernois, M.C.; Poray, A.K.; Fodrie, F.J.;...Grabowski, J.H.</b> Effects of fragmentation on reproductive effort and short-distance seed dispersal in North Carolina Zostera marina beds</p>	<p><b>*Theuerkauf, S.J.; Eggleston, D.</b> Interacting Effects of Geomorphological and Ecological Processes Guide Conservation and Restoration of Intertidal Oyster Reefs</p>
<b>9:15</b>	<p><b>*Gedan, K.</b> Plant species interactions at the landward ecotone of migrating salt marshes</p>	<p><b>*Johnson, A.J.; Orth, R.J.; Moore, K.A.</b> To flower or not to flower, a seagrass question</p>	<p><b>*Richardson J.P.; Orth R.J.; Marion S.J.; Holbert F.C.</b> Shifting baselines in the distribution patterns of two submerged angiosperms in the Chesapeake Bay</p>	<p><b>*Margiotta, A.; Hadley N., Shervette, V.; Plante, Wilber, C.D.</b> Rugosity is related to oyster spat and associated resident fauna on intertidal oyster reefs</p>
<b>9:30</b>	<p><b>*Long, J.D.; Porturas, L.D.</b> Herbivore impacts on marsh production depend upon a compensatory continuum mediated by salinity stress</p>	<p><b>*Bayer, S.R.; Wahle, R.A.; Brady, D.C.; Jumars, P.A.</b> The first field evidence of fertilization success in the giant sea scallop</p>	<p><b>*Tomas, F.; Hernán, G.; Buia, M.C.; Terrados, J.</b> Seagrass herbivory patterns are altered under ocean acidification.</p>	<p><b>*McAfee, D.; Bishop M.J.</b> Can oysters provide a refuge for coastal biodiversity in a changing world?</p>
<b>9:45</b>	<p><b>*Lefcheck, J.S.; Richardson, J.P.; Duffy, J. E.</b> Top-down versus bottom-up control of a temperate eelgrass system: insights from a 15-year ecological survey</p>	<p><b>*Kosman, E.T.; Levitan, D.</b> Gamete recognition proteins affect the relationship between physical gamete traits and reproductive success under increasingly polyspermic conditions</p>	<p><b>*Orth, R.J.; Kendrick, G.A; Statton, J.; Ruiz-Montoya, L.;</b> Overcoming critical recruitment bottlenecks limiting seedling establishment in degraded seagrass ecosystems</p>	<p><b>*Graham, P.; Pollack, J.; Palmer, T.</b> Assessing the habitat value of alternative substrates for oyster reef restoration</p>

**30 MINUTE COFFEE BREAK (Resume at 10:30)**

## THURSDAY MORNING (10:30 – 11:45am)

	<b>Frontenac</b> Community Ecology (II)	<b>Jacques-Cartier</b> Anthropogenic Impacts (II)	<b>Bellevue</b> Life History Stages & Larval Ecology (II)	<b>Petit-Frontenac</b> Conservation & Management (II)
<b>10:30</b>	<p><b>*Feehan, C.J.; Brown, M.S.; Scheibling, R.E.</b> Oceanographic and meteorological processes mediating sea urchin disease outbreaks in Nova Scotia</p>	<p><b>*Martin, M; Hollis, L.</b> Effects of Oil-contaminated Sediments on Ruppia maritima</p>	<p><b>*Goodnight, S.W.; Harris, L.G.</b> Seasonal variation and temperature effects on the life history of Placida dendritica.</p>	<p><b>*Engel, H.D.</b> Ecologically Sound Beach Replenishment Approaches</p>
<b>10:45</b>	<p><b>*Narváez, C.; Johnson, L. E.; Sainte-Marie, B.</b> Bigger the better? Intraspecific competition in green sea urchins</p>	<p><b>*Shantz, A.A.; Lemoine, N.P.; Burkepile, D.E.</b> Global nutrient loading jeopardizes the performance of key nutrient-sharing mutualisms</p>	<p><b>*Morello, S.L.; Yund, P.O.</b> Avoidance of future predators and orientation towards conspecifics: A complex response of blue mussel (Mytilus edulis) larvae to chemical cues</p>	<p><b>*Ferrario, F.; Ivesa, L.2.; Strain, B.;...Airoidi L.</b> Why do marine artificial structures differ from natural rocky reefs? Ecological factors determining their quality as artificial habitats...</p>
<b>11:00</b>	<p><b>*Cuellar-Gempeler, C.</b> Fiddler crab morphology, behavior and phylogenetic relatedness drive bacterial community composition</p>	<p><b>*Zarnoch, C.B.; Hoellein, T.J.; Bruesewitz, D.A.</b> Ecosystem response to nutrient loadings following Hurricane Sandy in the Long Island South Shore Estuary...</p>	<p><b>*Stanley R., Daigle R.; Snelgrove P.; Pedersen E.</b> The influence of vertical movement on dispersal of American lobster (Homarus americanus) larvae</p>	<p><b>*Behringer, D.C.; Swett, R.S.</b> Are mooring buoys effective at changing coral reef use patterns and reducing damage?</p>
<b>11:15</b>	<p><b>*Dodd, L.F.; Caracappa, J.C.; Piehler, M.F.; Grabowski, J.H.</b> Stone crab predation and residency on intertidal oyster reefs</p>	<p><b>*Campbell, J.; Johnston, L.; Paul, V.;...Duffy</b> Responses of tropical seagrass meadows (Thalassia testudinum) to experimental manipulations of nutrient supply and consumer...</p>	<p><b>*Kamel, S.J.; Grosberg, R.K.</b> Sex and the not so single snail: relatedness drives offspring size variation within egg capsules of the intertidal gastropod, Nucella ostrina</p>	<p><b>*Fieseler, C.; Campbell, L.; Bergh, C.</b> Putting buzzwords to work: how data, representation, and stakeholder perspectives influence the interpretation of resilience...</p>
<b>11:30</b>	<p><b>*Karp, M.A.; Seitz, R.D.</b> Structural complexity and location affect habitat value of restored oyster reefs: implications for restoration</p>	<p><b>*Hanisak M.D.; Wills P.S...Green W.; Morris L.</b> What Killed Drift Macroalgae Prior to the Seagrass Die-Off Caused by the 2011 Superbloom in the Indian River Lagoon, Florida?</p>	<p><b>*Crow, K.D.</b> Multiple paternity is a shared reproductive strategy in the live-bearing surfperches that may be associated with female bateman gradients, cryptic female choice...</p>	<p><b>*Brown, S.W.; Eggleston, D.B.; Bohnenstiehl, D.R.</b> Spatiotemporal dynamics of estuarine soundscapes in a marine reserve</p>
<b>11:45</b>	<p><b>*Heck, S.M.; Boyce, P.B.; Coughlan, K.A.;...Grabowski, J.</b> Oceanographic and meteorological processes mediating sea urchin disease outbreaks in Nova Scotia</p>	<p><b>*Levas, S.; Baker, D.; Paige, C.; Neale, S.</b> Cross-continental shelf trends in <math>\delta^{15}N</math> of macroalgae, sponges, and soft corals on the Great Barrier Reef</p>	<p><b>Palma, A. T.; Pérez-Santos, I.; Riquelme, R.;... Zilleruelo, R.</b> Coastal plankton and mining industry in northern Chile: why should we be concerned</p>	<p><b>Crotty, S.; Bertness, M.</b> Positive interactions expand habitat use and the realized niches of sympatric species</p>

**1.5 HOUR LUNCH BREAK (Resume at 1:30)**

## THURSDAY AFTERNOON (1:30 - 3:00 pm)

	<b>Frontenac</b> Genetic Diversity and ZEN	<b>Jacques-Cartier</b> Biological Invasion (Invader Traits)	<b>Bellevue</b> Behaviour	<b>Petit-Frontenac</b> Reef Ecology (I)
<b>1:30</b>	<p><b>Gerstenmaier, C.; Krueger-Hadfield, S.; *Sotka, E.</b></p> <p>Genotypic diversity facilitates growth rate of a non-native seaweed <i>Gracilaria vermiculophylla</i></p>	<p><b>*Keogh, C.; Nishimura, T.; Miura, O.; Byers, J.E.</b></p> <p>Increased susceptibility to infection in invasive versus native populations of the shore crab <i>Hemigrapsus sanguineus</i></p>	<p><b>*Welicky R.L.; Sikkel, P.C.</b></p> <p>Infection by the parasitic isopod, <i>Anilocra haemuli</i> on French grunt (<i>Haemulon flavolineatum</i>) is associated with changes in host movement patterns</p>	<p><b>*Deignan, L.K.; Pawlik, J.</b></p> <p>Population Demographics of the Caribbean brown tube sponge, <i>Agelas tubulata</i></p>
<b>1:45</b>	<p><b>*Hughes, A.R.; Hanley, T.C.; Schenck, F.R.; Hays, C.G.</b></p> <p>The benefits of multiple moms: genetic diversity of seagrass seeds influences seedling morphology and biomass</p>	<p><b>*Blakeslee, A.M.H.; Keogh, C.L.; Fowler, A.E.; Griffen, B.D.</b></p> <p>Trematode infection does little to hinder invasive green crabs in eastern North America</p>	<p><b>*St-Pierre, A.P.; Gagnon, P.</b></p> <p>Mechanistic underpinnings of prey consumption and size selection in a major echinoderm predator</p>	<p><b>*Stubler, A.; Furman, B.; Peterson, B.</b></p> <p>Sponge erosion under acidification and warming scenarios: differential impacts on living and dead coral</p>
<b>2:00</b>	<p><b>*Hanley, T.C.; Grabowski, J.H.; Trussell, G.C.; Hughes, A.R.</b></p> <p>Leaving a legacy: the long-term effects of seagrass genetic diversity on productivity</p>	<p><b>*Hobbs, N-V.S.; Cobb, J.S.; Thornber, C.S.</b></p> <p>Heterospecific competition and conspecific tolerance as a mechanism for the invasion success of the crab <i>Hemigrapsus</i>..</p>	<p><b>*Kennedy, M.; Heck Jr., K.L.; Valentine, J.; Michot, T.</b></p> <p>Impacts of Wintering Redhead Ducks on Seagrasses of the Northern Gulf of Mexico</p>	<p><b>*Howell, J.; Goulet, T.L.; Goulet, D.</b></p> <p>Spatial analysis of a population of <i>Amphiprion bicinctus</i> in the Gulf of Aqaba, Red Sea</p>
<b>2:15</b>	<p><b>*Benestan, L.; Gosselin, T.; Perrier, C.; Rochette, R.; Bernatchez, L.</b></p> <p>Genomics as a powerful tool for lobster fishery</p>	<p><b>*Restaino, D; Bologna, P.A.X.; Gaynor, J.J.; Meredith, R.W.</b></p> <p>Temporal and Spatial Relationship of Adult and Planula <i>Chrysaora quinquecirrha</i> in Barnegat Bay, NJ</p>	<p><b>*Frede, R.; Burnett, L.; Burnett, K.; Hughes, M.; Fowler A.</b></p> <p>Observations of Black Gill in White Shrimp (<i>Litopenaeus setiferus</i>) from South Carolina: Molting, Mortality, and Mobility</p>	<p><b>*Peach, K.; Koch, M.; Blackwelder, P.</b></p> <p>Effects of elevated pCO<sub>2</sub> and light on photosynthesis and calcification in <i>Halimeda discoidea</i></p>
<b>2:30</b>	<p><b>*Chan, A.N.; Devlin-Durante, M.K.; Lewis, C.;...Baums, I.B.</b></p> <p>Variation in clonal structure of the pillar coral, <i>Dendrogyra cylindrus</i>, in Florida and Curacao</p>	<p><b>*Harris, L.G.; Wells, C.; Lambert, W.</b></p> <p>Reappearance of the introduced nudibranch <i>Tritonia plebe</i>: A new introduction or a case of switching prey?</p>	<p><b>*Butler, M. Behringer, D.</b></p> <p>Ecological traps for juvenile Caribbean Spiny Lobsters</p>	<p><b>*Walton, C.J.; Brinkhuis, V.; Ruzicka, R.; Gilliam, D.S.</b></p> <p>Ten Years on Southeast Florida Reefs: Status and condition results from a long-term monitoring program</p>

## THURSDAY AFTERNOON cntd. (1:30 - 3:00 pm)

	<b>Frontenac</b> Genetic Diversity and ZEN	<b>Jacques-Cartier</b> Biological Invasion (Invader Traits)	<b>Bellevue</b> Behaviour	<b>Petit-Frontenac</b> Reef Ecology (I)
<b>2:45</b>	<p><b>*Chak, S.T.C.;</b> Duffy, J.E.; <b>Song, B.</b></p> <p>Host specificity of social shrimps in a sponge holobiont system</p>	<p><b>*Yund, P.O.; Collins, C.; S.L. Johnson</b></p> <p>Genetic evidence that the colonial ascidian <i>Botryllus schlosseri</i> is native to North America</p>	<p><b>*Hill, J.M.; Heck Jr., K.L.;</b></p> <p>Is the Asian tiger shrimp (<i>Penaeus monodon</i>) a real predatory threat to native shrimp and blue crabs or just a paper tiger?</p>	<p><b>Baumann J.; Courtney T., Davies S.W.;...Castillo, K.D.</b></p> <p>Influence of thermal history and nutrients on lagoonal reef composition on the Belize Barrier Reef System</p>
<b>3:00</b>	<p><b>*Gould, A.L.; Dunlap, P.V.</b></p> <p>Population genetic analysis of a symbiotically luminous cardinal fish using genome-wide RAD markers</p>	<p><b>*Williams L.M.; Nivison C.L.; Ambrose W.G. Jr.;...Locke W.L.</b></p> <p>Loss of adult novel northern lineages of the invasive green crab, <i>Carcinus maenus</i>, along the Northwestern Atlantic Coast</p>	<p><b>Rittchof, C.C.; Rittschof, J.; Rittschof, D.; Beach, C.; *Darnell, M.Z.</b></p> <p>Costs of autotomy: major claw autotomy causes cessation of feeding and onset of the molting cascade in male fiddler crabs.</p>	<p><b>Zhao M.X.; Yu K.F.; Shi Q.; Yang H.Q.; Riegl B.; Zhang Q.M.; Yan H.Q.</b></p> <p>The status of coral reefs at Yongle atoll, Xisha Islands, South China Sea</p>

## 30 MINUTE COFFEE BREAK (Resume at 3:45 pm)

**NOTES:**

## THURSDAY AFTERNOON (3:45 – 5:00pm)

	<b>Frontenac</b> Community Ecology (III)	<b>Jacques-Cartier</b> Reef Ecology (II)	<b>Bellevue</b> Ecosystem Functioning	<b>Petit-Frontenac</b> Ecophysiology
<b>3:45</b>	<p><b>*Donelan, S.C.; Trussell, G.C.</b></p> <p>Parental effects enhance risk tolerance and performance in offspring</p>	<p><b>*Artim, J.M.; Sikkel, P.C.</b></p> <p>Measuring local density of a coral-reef-fish ectoparasite—a window on parasite community interactions</p>	<p><b>*Lemieux, J.; Cusson, M.</b></p> <p>Biodiversity components (richness and evenness) effect on intertidal community structure and functioning: 3 interlinked approaches</p>	<p><b>*Rice, M.M. and Nielsen, K.J.</b></p> <p>Calcification and Corrosion in a Coralline Seaweed</p>
<b>4:00</b>	<p><b>*Cimon, S.; Cusson, M.</b></p> <p>Temporal trajectories of benthic communities following multiple disturbances</p>	<p><b>*Klug, K.; Walker, B.K.</b></p> <p>Cross-shelf and Latitudinal Benthic Community Investigation in the Nearshore Habitats of the northern Florida Reef Tract</p>	<p><b>*MacGregor, K.A.; Johnson, L.E.</b></p> <p>Crowded together and drifting apart: spatial and temporal extent of green sea urchin (<i>Strongylocentrotus droebachiensis</i>) aggregations</p>	<p><b>*Bélanger, D.; Gagnon, P.</b></p> <p>Unravelling effects of temperature and light on apical growth in the rhodolith-forming, red coralline alga <i>Lithothamnion glaciale</i> from Newfoundland</p>
<b>4:15</b>	<p><b>*Castellano, C.L.; Bologna, P.A.; Gaynor, J.J.; Meredith, R.W.</b></p> <p>Impacts of major storm events on gelatinous zooplankton and planktonic community structure in Barnegat Bay, NJ</p>	<p><b>*McIlroy, S.E.; Coffroth, M.A.</b></p> <p>Patterns of de-novo symbiont uptake in newly settled <i>Briareum asbestinum</i> recruits: effects of light and symbiont availability</p>	<p><b>*Angelini, C.; Tjisse van der Heide, T.; Griffin, J.N.;... Silliman, B.R.</b></p> <p>Foundation species, biodiversity hotspots, and the landscape-scale multifunctionality of a coastal...</p>	<p><b>*Suskiewicz, T.S.; Johnson, L.E.</b></p> <p>Does wave exposure trump other abiotic controls on kelp primary productivity?</p>
<b>4:30</b>	<p><b>*Lunt, J.; Janiak, D.; McKeon, C.S.; Paul, V.</b></p> <p>Top-down control of algal blooms in the Indian River Lagoon</p>	<p><b>*Williams, M.A.; Voss J.D.</b></p> <p>Morphological analysis of zooxanthellae communities associated with two coral species in Southeast Florida via FlowCAM</p>	<p><b>*Gleason, D.F.; Cohen, R.A.; Stefaniak, L.M.</b></p> <p>Drifting away: A test of the “Outwelling Hypothesis” in the Altamaha River Estuary, Georgia. U.S.A.</p>	<p><b>*Colvard, N.; Helmuth, B.</b></p> <p>The Enrichment Effect: Determining how added nutrients and an increase in seawater temperature affect organism performance and growth</p>
<b>4:45</b>	<p><b>*Cumming, K.; Walker, B.K.; Miller, C.</b></p> <p>The Relationship between Near-shore Hard-Bottom Exposure and Benthic Community Composition and Distribution in Palm Beach...</p>	<p><b>*Pawlik, J.R.; Loh, T.-L.</b></p> <p>Sponge overgrowth of corals justifies MPAs on Caribbean reefs; seaweed cover does not.</p>	<p><b>*Nelson, J.A.; Johnson, D.S.; Deegan, L.A.</b></p> <p>Loss of habitat complexity may override bottom-up stimulation in saltmarsh food webs, results from a decade long ecosystem level...</p>	<p><b>*Elliott J.; Patterson M.; Dwyer, A.</b></p> <p>The role of the cyanobacterial symbiont in the physiology of <i>Terpios hoshinota</i> (Porifera)</p>
<b>5:00</b>	<p><b>*Tracy, A.; Weil, E.; Harvell, D.</b></p> <p>Multiple stressors and metal pollution in coral disease and immunity</p>	<p><b>*Lillis, A., Eggleston, D., Bohnenstiehl, D.</b></p> <p>Setting the Tone for Coral Settlement: Larval settlement responses to coral reef sounds</p>	<p><b>*Lamb, R.W.; Witman, J.D.</b></p> <p>Flow-driven shifts in herbivore guild dominance and subtidal ecosystem functioning</p>	<p><b>*Puls, D.; Behringer, D.C.; Philips, E.J.</b></p> <p>How Do Physical Stressors Impact Sponges in Florida Bay?</p>

**END OF THURSDAY TALKS**  
**POSTER PRESENTATIONS 6:00 – 9:00pm (Room TBA)**

## FRIDAY MORNING (8:30am – 10:15am)

	<b>Frontenac</b> Community Ecology (ZEN)	<b>Jacques-Cartier</b> Deep Sea Biology	<b>Bellevue</b> Reef Ecology	<b>Petit-Frontenac</b> Biological Invasions
<b>8:30</b>	<p><b>*Ziegler, S. L.; Bippus, P. M.; Duffy, J. E.</b></p> <p>BiteMap: A simple, scalable assay to quantify predation pressure along environmental gradients</p>	<p><b>*DeLeo, D.M.; Lengyel, S.D.; Cordes, E.E.</b></p> <p>Insight into the Responses of Deep-sea Corals to Anthropogenic stressors</p>	<p><b>*Swain, TD; DuBois, E; Gomes, A; Stoyneva, V.P; Radosevich, A.J.; Henss, J.; Wagner, M.E.;...</b></p> <p>Efficient light transport through coral skeletons precipitates bleaching response</p>	<p><b>*Steele, L.; Guidone, M.</b></p> <p>Using native herbivores to mitigate Eurasian watermilfoil invasion success in New England</p>
<b>8:45</b>	<p><b>*Peterson, B.J.; Jackson, L.J.; Furman, B.T.</b></p> <p>The plant – animal interactions your mamma warned you about: suspension-feeding bivalves effecting <i>Zostera marina</i> reproductive growth spurts</p>	<p><b>*Durkin, A.; Cordes, E.E.</b></p> <p>Population dynamics of the tubeworm <i>Escarpia laminata</i> at Gulf of Mexico cold seeps</p>	<p><b>* Fogarty, N.D.; Noren, H.K.G.; Smith, T.B.</b></p> <p>The future of shallow coral reefs may lie deeper than expected</p>	<p><b>*Bradley, D.; Gladstone, W.; Gribben, P.</b></p> <p>Herbivore deterrence in a potentially rapidly spreading native marine macroalga</p>
<b>9:00</b>	<p><b>Gestoso, I.; *Rossi, F.</b></p> <p>The cascading effect of sea anemones on epiphyte biomass in a eelgrass meadow</p>	<p><b>*Georgian, S.E.; DeLeo, D.; Durkin, A.; Gomez, C.; ... Cordes, E.E.</b></p> <p>Assessing the carbonate chemistry of cold-water coral reefs in the deep Gulf of Mexico: implications for resilience in acidified oceans</p>	<p><b>*Warren, J.D.; Stubler, A.D.; Carroll, J.M.; Peterson, B.J.</b></p> <p>What's making all that racket? Pairing video and passive acoustic monitoring to identify coral reef fish sounds and feeding behaviors</p>	<p><b>*McAskill, S.; Rodriguez, A.</b></p> <p>Effects of multiple stressors on interactions between an invasive herbivore and native SAV in Southwest Florida estuaries</p>
<b>9:15</b>	<p><b>*Hovel, K.A.; Duffy, J.E.; Stachowicz, J.J.; Reynolds, P.; Bostrom, C.; Cusson, C.; Hereu, C.M.; ... Rossi, F.</b></p> <p>Do eelgrass edges elevate prey mortality? A global test</p>	<p><b>*Glazier, A.E., Etter, R.J.</b></p> <p>Does An Oxygen Minimum Zone Promote Population Divergence</p>	<p><b>*Brinkhuis, V., Lunz, K., Landsberg, J.; Kiryu, Y., Sharp, K., Peters, E., Gilliam D.S.</b></p> <p>Histopathology of a disease affecting octocorals of the genus <i>Eunicea</i> along the Florida Reef Tract</p>	<p><b>*Baillie, C.; Grabowski, J.</b></p> <p>Competitive interactions between the invasive Asian shore crab <i>Hemigrapsus sanguineus</i> and juvenile American lobster <i>Homarus americanus</i></p>
<b>9:30</b>	<p><b>*Duffy, J. E</b></p> <p>Biodiversity is as important as physics</p>	<p><b>*Sharuga, S.M.; Benfield, M.C.</b></p> <p>An Evaluation of Deep-Sea Benthic Megafaunal Communities in the Northern Gulf of Mexico One Year after Deepwater Horizon Using ROV Imagery</p>	<p><b>*Voss, J.D.; Williams, M.A; Clark, R.; Reed, J.; Horn, L; Hickerson, E.; Nuttall, M.; Schmahl, G.P.</b></p> <p>Exploration and Characterization of McGrail, Bright, East and West Flower Garden Banks in the Northwest Gulf of Mexico</p>	<p><b>*Puntilla, R.; Loisa, O.; Fowler, A.; Riipinen, K.</b></p> <p>A taste for aliens? Incorporation of a novel prey item into native fishes diet</p>

## FRIDAY MORNING cntd. (8:30am – 10:15am)

	<b>Frontenac Community Ecology (ZEN)</b>	<b>Jacques-Cartier Deep Sea Biology</b>	<b>Bellevue Reef Ecology</b>	<b>Petit-Frontenac Biological Invasions</b>
<b>9:45</b>	<p><b>*Reynolds, P.L.; Duffy, J.E.; Hovel, K.; Stachowicz, J.J.; and the ZEN Partners.</b></p> <p>Eelgrass community dynamics across the Northern Hemisphere</p>	<p><b>*Kurman, M.D.; Gomez, C.E.; Georgian, S.E.; Cordes, E.E.</b></p> <p>The short and long term physiological response of the cold-water coral <i>Lophelia pertusa</i> to ocean acidification</p>	<p><b>*Aichelman H.E.; Townsend J.; Courtney T.; Baumann J.; Castillo K.D.</b></p> <p>The rescue effect of heterotrophy during temperature stress of the temperate coral <i>Oculina arbuscula</i></p>	<p><b>*Papacostas, K.J.; Freestone, A.L.</b></p> <p>Relative importance of native and non-native prey naïveté in marine invasion success</p>
<b>10:00</b>	<p><b>Whippo, R.; *Knight, N.S.; O'Connor, M.I.</b></p> <p>Patterns of diversity across scales in epifaunal eelgrass communities</p>	<p><b>Easton, E.E.; *Thistle, D.; Spears, T.</b></p> <p>On the size of species' ranges in the sediment-covered deep sea</p>	<p><b>*Gochfeld, D.J.; Easson, C.G.; Olson, J.B.; Thacker R.W.</b></p> <p>Relative stability of Caribbean coral reef communities over five years even in the face of disturbances</p>	<p><b>*Pusack, T.J.; Davis, A.C.D.; Albins, M.A.</b></p> <p>Invasive Indo-Pacific lionfish (<i>Pterois volitans</i>) causes local extinction of a native coral reef fish (<i>Coryphopterus glaucofraenum</i>)</p>

**30 MINUTE COFFEE BREAK (Resume at 15:45)**

**NOTES:**

## FRIDAY MORNING (10:45 – 12:15am)

	<b>Frontenac</b> Community Ecology (V)	<b>Jacques-Cartier</b> Anthropogenic Impacts (III)	<b>Bellevue</b> Restoration	<b>Petit-Frontenac</b> Trophic Relationships (I)
<b>10:45</b>	<p><b>*Stachowicz, J.J.; Abbott, J.M.A.</b></p> <p>Genetic diversity in eelgrass ecosystems: maintenance and functioning from local to global scales <b>(ZEN)</b></p>	<p><b>*Shukla, P.; Edwards, M. S.</b></p> <p>Elevated CO2 concentrations facilitate development in microscopic life stages of the giant kelp <i>Macrocystis pyrifera</i></p>	<p><b>*Ladd, M.C.; Shantz, A.A.; Bartels, E.; Burkepille, D.E.</b></p> <p>Genotypic diversity and identity influence restoration potential of the threatened coral species <i>Acropora cervicornis</i></p>	<p><b>*Salvo, F.; Hamoutene, D.; Parrish, C.C.; Dufour, S.C.</b></p> <p>Characterisation and ecological role of an opportunistic annelid species, <i>Ophryotrocha cyclops</i>, at finfish aquaculture sites in Newfoundland (Canada)</p>
<b>11:00</b>	<p><b>*Hereu, C.M.; Jorgensen, P.</b></p> <p>Functional role of mesograzers in <i>Zostera marina</i> meadows at two coastal lagoons of Baja California, Mexico <b>(ZEN)</b></p>	<p><b>*Picard, M.; Cheng, B.S.; Sadowski, J.;...Grosholz, E.D.</b></p> <p>Investigating estuarine acidification in northern California and its impact on native oysters (<i>Ostrea lurida</i>)</p>	<p><b>*Rezek, R.; Beseres Pollack, J.; Lebreton, B.</b></p> <p>Monitoring Functional Recovery of a Restored Oyster Reef: a population ecology and food web approach</p>	<p><b>*Nardelli M. P.; Maire O.; Mouret A.;...Geslin E.</b></p> <p>Fresh organic matter inputs drive benthic foraminiferal migration</p>
<b>11:15</b>	<p><b>*Gerwing, T.G.; Drolet, D.; Barbeau, M.A.; Hamilton, D.J.</b></p> <p>Relative Importance of Biotic and Abiotic Forces on the Composition and Dynamics of a Soft-Sediment Intertidal Community</p>	<p><b>*Giltz, S. M.; Taylor, C. M.</b></p> <p>Effects of oil and ocean acidification on the survival and condition of blue crab larvae.</p>	<p><b>*Viehman, T.S.; Hench, J.L.; Griffin, S.P.; Malhotra, A.; Halpin, P.N.</b></p> <p>Wave energy and substrate stability constrain coral reef recovery after vessel groundings</p>	<p><b>*Atkins, R.L; Griffin, J.N.; Angelini, C.;...Silliman, B.R.</b></p> <p>Incorporating intraspecific variation and metabolic theory into our understanding of consumer-plant interactions</p>
<b>11:30</b>	<p><b>*Wilson, S.A.; Dunton, K.H.</b></p> <p>Using field data to identify various seagrass community changes across three years in the Laguna Madre, Texas, USA</p>	<p><b>*Simonson, E.J.; Scheibling, R.E.; Metaxas, A.</b></p> <p>Kelp in hot water: Warming seawater temperature induces weakening and loss of kelp tissue</p>	<p><b>*Blomberg, B.; Beseres Pollack, J.; Montagna, P.</b></p> <p>Evaluating functional success of a restored oyster reef through a variety of metrics</p>	<p><b>*Carroll, J.M.; Stubler A.D.; Peterson B.J.; Finelli, C.M.</b></p> <p>Is the grass always greener on the other side? A tale of two herbivory studies from Discovery Bay, Jamaica</p>
<b>11:45</b>	<p><b>*Diskin, M.S.; Smee, D.L.</b></p> <p>Getting to the Root of the Problem: Black Mangrove Expansion into Southeast Texas Saltmarshes</p>	<p><b>*Green, L.A.; Thornber, C.S.</b></p> <p>The effects of warming ocean temperatures on the growth of <i>Ulva</i> spp. in Narragansett Bay, RI, USA</p>	<p><b>*Gomez, E.; Peterson, B.; Borrett, S.</b></p> <p>A Dynamic Ecological Model Using Oyster Reef Bioenergetics To Measure And Predict Secondary Production</p>	<p><b>*Gagnon, K.; Jormalainen, V.</b></p> <p>Unravelling top-down versus bottom-up impacts on coastal algal communities</p>



## FRIDAY MORNING cntd. (10:45 – 12:15am)

	Frontenac Community Ecology (V)	Jacques-Cartier Anthropogenic Impacts (III)	Bellevue Restoration	Petit-Frontenac Trophic Relationships (I)
<b>12:00</b>	<p><b>Costa, P.; Dórea, A.; Neto, E.M.; *Barros F.</b></p> <p>Are there general spatial patterns of mangrove fringe forests structure and composition along estuarine salinity gradients?</p>	<p><b>Gehman, A.-L.; Natalie McLenaghan, N.; Byers, J.E.;...Alber, A.</b></p> <p>Effects of development and shoreline armoring on the high marsh ecosystem</p>	<p><b>*Schmitt, E.L.; Luckenbach, M.W.; Orth, R.J.</b></p> <p>Bay Scallop (<i>Argopecten irradians</i>) Restoration in the Virginia Coastal Bays: The Role of Predation on Spring vs. Fall Cohort Survival</p>	<p><b>*McMurray, S.E.*; Johnson, Z.I.; Hunt, D.E.;...Finelli, M.</b></p> <p>Picky eaters at the plankton buffet: selective suspension feeding by giant barrel sponges increases foraging efficiency</p>
<b>12:15</b>	<p><b>*Altieri, A.H.; Witman, J.D.</b></p> <p>Modular mobile foundation species as reservoirs of biodiversity</p>	<p><b>*Gittman, R.K.; Fodrie, F.J.; Popowich, A.M.;...Piehler, M.F.</b></p> <p>Engineering Away Our First Line of Defense: An Analysis of Shoreline Hardening in the United States</p>	<p><b>*Grosholz, E; Reynolds, P.; Glanz, J.</b></p> <p>Influence of habitat modification on the recovery of benthic communities following the eradication of an invasive ecosystem engineer</p>	<p><b>*Koch, J.C.; Pawlik, J.R.</b></p> <p>Together is better: The importance of heterotrophy and symbiosis for growth of the sea anemone <i>Aiptasia pallida</i></p>

### END OF FRIDAY TALKS

**Social (Morrin Centre) 4:00 – 7:00pm**

**Beneath the Waves Film Festival (Morrin Centre)**

**1<sup>st</sup> Showing: 7:30pm**

**2nd Showing: 8:30pm**

**3<sup>rd</sup> Showing: 9:30pm**

## SATURDAY MORNING (8:30 – 10:00am)

	<b>Frontenac</b> Community Ecology (V)	<b>Jacques-Cartier</b> Life History Stages & Larval Ecology (III)	<b>Bellevue</b> Conservation & Management (II)	<b>Petit-Frontenac</b> Fisheries
<b>8:30</b>	<b>Smee, D.L.*; Lunt, J.</b>  Turbidity flattens trophic pyramids through mesopredator release	<b>*Petraitis, P.S.; Dudgeon, S.R.</b>  Variation in recruitment and the establishment of alternative community states	<b>*Beekey MA; Mattei JH</b>  The mismanagement of <i>Limulus polyphemus</i> in Long Island Sound: What are the characteristics of a population in decline?	<b>*Stallings, C; Switzer, T.; Winner, B.; ... Wall, K.</b>  Combining fishery-independent and fishery-dependent methods: a pilot study on a hybrid approach to sampling reef fishes
<b>8:45</b>	<b>*Wooster, M.K.*; Marty, M.J.; Pawlik, J.R.</b>  Defense by association: sponge-eating fishes alter the small-scale distribution of Caribbean reef sponges	<b>*Butler, J.; Mark Butler, M.</b>  Bring the noise: sound playback increases species diversity on degraded hard-bottom habitat in the Florida Keys	<b>*Cheng, H.; Watson, W.H. III</b>  New Insights to Horseshoe Crab Spawning Behavior: Implications for Management	<b>*Frechette, D.; Satterthwaite, W.; Osterback, A.M.; Hayes, S.</b>  Is the bar open? Estimating steelhead abundance in estuaries
<b>9:00</b>	<b>terHorst, C.P.</b>  Measuring non-additive selection from multiple species interactions	<b>*Ellrich, J.A.; Scrosati, R.A.; Molis, M.</b>  Predator non-consumptive effects on prey recruitment weaken with prey density	<b>*Fowler, A.; Darden, T.; Robinson, J.; Kingsley-Smith, P</b>  Population Assessment of Horseshoe Crabs ( <i>Limulus polyphemus</i> ) in South Carolina, USA, Using An Integrated ...	<b>*Fodrie, F.J.; Powers, S.P.; Stunz, G.W.; ... Shipp, R.L.</b>  Are there 'big ones' left in the Gulf of Mexico: an 80-year, multi-species record of trophy fish sizes
<b>9:15</b>	<b>*Malek, J.C.; James E. Byers</b>  Is a warmer world a sicker world? Temperature effects on host-parasite dynamics	<b>*Le Corre, N.; Johnson, L.E.; Guichard, F.</b>  Patterns and scales of metapopulation connectivity: Temporal stability and variation within a marine system.	<b>*Sharp, S.J.; Angelini, C.</b>  Effect of disparate disturbance regimes on recovery and expansion of Smooth Cordgrass	<b>*Butler, C.B.; Matthews, T.R.; . Gutzler, B.C.</b>  Trapped for life: Effects of ghost fishing lobster traps in the Florida spiny lobster ( <i>Panulirus argus</i> ) fishery
<b>9:30</b>	<b>Bertness, M.D.; Brisson, C.P.; Coverdale, T.C.; ...*Suglia, E.R.</b>  Experimental predator removal causes rapid salt marsh die-off	<b>*McVeigh, D.; Eggleston, D.B.; He, R; Todd, A.; Young, C.</b>  Potential Larval Connectivity of Deep-Sea, Methane Seep Invertebrates in the Intra-American Sea	<b>*Mahoney, P.C.*; Bishop, M.J.</b>  An evaluation of schemes for classifying estuarine ecosystems	<b>*Anderson Lively, J. A.; Alford, A. B.</b>  The ghost fishing impacts of derelict crab traps in the <i>Callinectes sapidus</i> fishery
<b>9:45</b>	<b>*Witman, J.D.*; Smith, F.; Brandt, M.; ... Lamb, R.W.</b>  Asymmetric, large-scale community responses to climate oscillations in Galapagos subtidal ecosystems	<b>Thomas, C.J.; Bridge, T.C.L; *Figueiredo, J.; ... Hanert, E.</b>  Connectivity between submerged and near-sea-surface coral reefs: cansubmerged reef populations act as refuges?	<b>*Mutti, A.; Dudgeon, S.</b>  Invasive European green crabs muscling their way north in Maine?	<b>*Calderwood, J., O'Connor, N.E., Roberts, D.</b>  Effects of baited crab pots on cultivated mussel ( <i>Mytilus edulis</i> ) survival rates

**30 MINUTE COFFEE BREAK (Resume at 10:30)**

## SATURDAY MORNING (10:30am – 12:00pm)

	Frontenac Biodiversity	Jacques-Cartier Life History Stages & Larval Ecology	Bellevue Biological Invasions	Petit-Frontenac Trophic Relationships
<b>10:30</b>	<p><b>*Beauchesne, D.; Faille, G.; Grant, C.; Archambault, P.; Brêthes, J.C.</b></p> <p>Building the bridge between preservation of biodiversity and human activities</p>	<p><b>White, J.W.; Morgan, S.G.; Fisher, J.L.</b></p> <p>Planktonic larval mortality rates are lower than widely expected</p>	<p><b>*Byers, J.E.; Smith, R.S.; Pringle, J.M.; Clark, G.F.; Gribben, P.E.; Hewitt, C.L.; ...</b></p> <p>Invasion Expansion: Time since introduction best predicts global ranges of marine invaders</p>	<p><b>*Rielly, E.W.; Freestone, A.L.</b></p> <p>Habitat size alters predation and prey behavior of the blue crab and hard clam in seagrass.</p>
<b>10:45</b>	<p><b>*Dunic, J.C.; Hensel, M.S.; Kearns, P.J.; ... Byrnes, J.E.K.</b></p> <p>Identifying anthropogenic drivers of changes in local scale marine diversity</p>	<p><b>Crickenberger, S.; Wethey, D.</b></p> <p>Mechanisms of reproductive failure in the barnacle <i>Semibalanus balanoides</i></p>	<p><b>*McKeon, C.S.; Weber, M.X.; Seavy, N.E.; Crandall, E.D.; Barshis, D.; Fechter-Leggett, E.; Oleson, K.</b></p> <p>Melting Barriers to Faunal Exchange Across Ocean Basins</p>	<p><b>*Glaspie, C.N.; Seitz, R.D.</b></p> <p>Predator-prey dynamics and evolutionary defense tactics: Will loss of habitat refuge from crab predators threaten persistence of marine bivalves?</p>
<b>11:00</b>	<p><b>*Brucker, K.; J.D. Thomas; C.G. Messing; Arena, P.</b></p> <p>Novel Commensal Amphipod Species Discovered in Endemic Tunicate <i>Cnemidocarpa bicornuta</i> in New Zealand</p>	<p><b>*Govindarajan, A.F.; Pineda, J.; Purcell, P; Breier, J.A.</b></p> <p>Species and stage – specific barnacle larval distributions obtained from AUV sampling and genetic analysis in Buzzards Bay..</p>	<p><b>*McCuller, M.; Carlton, J.T.</b></p> <p>Oceanic Rafting of Coastal Marine Bryozoa: Lessons from Japanese Tsunami Marine Debris</p>	<p><b>*Sherwood, G.D.; Grabowski, J.H.; Jekielek, P.; Wahle, R.A.</b></p> <p>The influence of diet on the stable carbon (d13C) and nitrogen (d15N) isotope compositions of muscle tissue in American lobster</p>
<b>11:15</b>	<p><b>*Neves, B.M.; Edinger, E.; Gilkinson, K.; Wareham, V.; ... Archambault, P.</b></p> <p>Deep-water benthic megafauna in Baffin Bay (Canada) from ROV observations</p>	<p><b>Ewers-Saucedo, C.; Paula Pappalardo, P.; Wares, J.P.</b></p> <p>What explains the life history of marine propagules? A new model for the life history of barnacle larvae</p>	<p><b>Gribben, P.E.; Simpson, M.; Wright, J.T.</b></p> <p>Variable habitat availability and invasion as drivers of biogeographic patterns of intertidal community structure</p>	<p><b>*Lasley-Rasher R.S.; Brady, D.C.; Smith, B.E.; Jumars, P.A.</b></p> <p>It takes guts to tell us about elusive crustacean prey</p>
<b>11:30</b>	<p><b>*Trott, T.J.</b></p> <p>Century-scale species incidence, rareness and turnover in a high diversity Northwest Atlantic coastal embayment</p>	<p><b>*Reyns, N.B.; Pineda, J.; Lentz, S.J.</b></p> <p>Adaptive larval sampling in nearshore internal tidal bore events</p>	<p><b>*Ramsay-Newton, C.; Bracken, M.E.; Randall, H.A.; Thornber, C.</b></p> <p>Invasion strategies differ across biogeographical regions: early invasion strategies of the invasive alga, <i>Dasysiphonia japonica</i></p>	<p><b>*Kulp, R.E.; Petraitis, P.S.; Peterson, B.J.</b></p> <p>Comparing functional responses of a mesopredator across a habitat density gradient</p>
<b>11:45</b>	<p><b>*Paul, V.; Campbell, J.; Gunasekera, S.</b></p> <p>Nutrient enrichment increases the abundance of toxic cyanobacteria in a tropical seagrass bed</p>	<p><b>*Pineda, J.; Reyns, N.B.; Lentz, S.J.</b></p> <p>Inferring larval transport mechanisms from barnacle settlement and high resolution physical measurements ...</p>	<p><b>*Reigel, A.; Gleason, D.F.; Harrison, J.S.</b></p> <p>Comparing demographic data and genetic diversity of the introduced barnacle, <i>Megabalanus coccopoma</i>, at on and offshore ...</p>	<p><b>*Seitz, R.D.; Knick, K; Breitburg, D; Kornis, M; Prosser, D.</b></p> <p>Anthropogenic effects on upland usage and shoreline development transfer through the nearshore food web</p>

**LUNCH (Resume at 1:30pm)**

## SATURDAY AFTERNOON (1:30 - 3:00 pm)

	<b>Frontenac Reef Ecology</b>	<b>Jacques-Cartier Anthropogenic Impacts</b>	<b>Bellevue Community Ecology</b>	<b>Petit-Frontenac Ecophysiology</b>
<b>1:30</b>	<p><b>*Walker, B.K.; Gilliam, D.S.</b></p> <p>Latitudinal controls of coral reef community distribution on the northern Florida Reef Tract</p>	<p><b>*Flynn, R.L.; Forrester, G.E.; Perreault, J.; Jarecki, L.</b></p> <p>The Impact of Anchoring on Coral Reefs in the British Virgin Islands</p>	<p><b>*Jones, E.; Long, J.D.</b></p> <p>The Sensitivity of an Inducible Seaweed Defense Varies with Biogeography</p>	<p><b>*Williams, S.D; Patterson, M.R.; Carpenter, L.W.; Gladfelter, E.H.</b></p> <p>Calculating the Time Constant of Mixing in Gastrovascular Fluid Compartments of Perforate and Imperforate Corals</p>
<b>1:45</b>	<p><b>Leigh, N.J.; Miller, M.; Sheets, D.; *Coffroth, M.A.</b></p> <p>Symbiont acquisition by <i>Orbicella faveolata</i> larvae</p>	<p><b>Gabara, S.S.; Tompkins, P.T.; *Steller, D.L.</b></p> <p>Estimating disturbance impacts on rolling carbonate reefs: distribution, growth and biodiversity of temperate rhodolith beds, Santa Catalina ...</p>	<p><b>*McClure, K.J.; Trussell, G.C.</b></p> <p>Geographic variation in the effects of algal canopy on understory species interactions</p>	<p><b>*Putnam, H.M.; Ritson-Williams, R.; Gates, R.D.</b></p> <p>Corals in a changing climate: A trans-generational perspective</p>
<b>2:00</b>	<p><b>*Sneed, J.M.; Campbell, J.E.; Paul, V.J.</b></p> <p>Can corals survive a 1-2 punch? Combined impacts of ocean acidification and macroalgae on coral health and recruitment.</p>	<p><b>*Sweatman, J.L.; Layman, C.A.; Fourqurean, J.W.</b></p> <p>Disturbance mediated shift in resource limitation in a seagrass ecosystem</p>	<p><b>*Miranda L.; Johnson, L.E.</b></p> <p>Spatial and temporal dynamic of wrack macroalgae in the St. Lawrence Estuary: Is sea ice key factor of wrack input?</p>	<p><b>*Bove, C.; Whitehead, R.; Szmant, A.</b></p> <p>Effects of seawater pH on the chemistry of the gastrovascular cavity of the corals <i>Montastraea cavernosa</i> and <i>Duncanopsammia axifuga</i></p>
<b>2:15</b>	<p><b>*Colella, M. A.; Ruzicka, R.R.; Brinkhuis, V.; Kidney, J.A.; Bartlett, L.; Macaulay, K.</b></p> <p>Annual surveys of Scleractinian and/or Gorgonian Populations in the Florida Keys from 2011 to 2014.</p>	<p><b>*Douglass, J.</b></p> <p>Synergistic effects of hydrologic changes and biological feedback processes on SAV in a Southwest Florida Estuary</p>	<p><b>*Dudgeon, S.R.; Petraitis, P.S.</b></p> <p>Tale of two rockweeds: different successional stages or different alternative states?</p>	<p><b>*Potter, A.</b></p> <p>Bleaching and its Effect on the Competitive Interactions of the Symbiotic Cnidarian, <i>Anthopleura elegantissima</i></p>
<b>2:30</b>	<p><b>*Ruzicka, R.; Colella, M. Brinkhuis, V.; Kidney, J.</b></p> <p>Does Fast Growth, High Survivorship, and Low Mortality Lead to Increasing Barrel Sponge (<i>Xestospongia muta</i>) Populations in the Florida Keys?</p>	<p><b>*Fonseca, M.; Malhotra, A.; Currin, C.</b></p> <p>A comparison of boat wakes versus wind waves in an estuarine setting</p>	<p><b>*Filbee-Dexter, K.; Feehan, C., Scheibling, R.E.</b></p> <p>Ocean warming hotspots, phase shifts and large-scale degradation of a Nova Scotia kelp bed ecosystem</p>	<p><b>*Nguyen, T. C.; Akanda N.; Russell M. P.; Mott A.</b></p> <p>Why do sea urchins eat rocks? Quantifying nutritional value of rock ingestion by the purple sea urchin, <i>Strongylocentrotus purpuratus</i></p>

## SATURDAY AFTERNOON cntd. (1:30 - 3:00 pm)

	<b>Frontenac Reef Ecology</b>	<b>Jacques-Cartier Anthropogenic Impacts</b>	<b>Bellevue Community Ecology</b>	<b>Petit-Frontenac Ecophysiology</b>
<b>2:45</b>	<p><b>*Stefaniak, L.M.; Gleason, D.; Banaszak, A.; Schutter M.; ...Carpizo-Ituarte E.</b></p> <p>Ultraviolet radiation and coral embryos: DNA damage and survival</p>	<p><b>*Elliott, S.M.</b></p> <p>Reef Flat Stomatopod Communities as Indicators of Ecosystem Stress</p>	<p><b>*O'Brien, J.M.; Scheibling, R.E.</b></p> <p>Herbivore preference for reproductive structures limits potential fecundity of canopy-forming kelp</p>	<p><b>*Belgrad, B.; Griffen, B.</b></p> <p>The influence of dietary shifts on fitness as examined through the commercially harvested blue crab, <i>Callinectes sapidus</i></p>
<b>3:00</b>	<p><b>Gambrel B.; *Lasker H.R.</b></p> <p>Competition(?) among Caribbean reef octocorals</p>	<p><b>*Judge, M.L.; Spellman, M.; Bringley, K.M.; Mahony, J.</b></p> <p>Toxicity of nickel-chloride complexation and body burden in the estuarine grass shrimp <i>Palaemonetes pugio</i> under various salinities</p>	<p><b>*Millar, K.R.; Gagnon, P.</b></p> <p>Effects of wave velocity and density on displacement and abrasion of rhodoliths (<i>Lithothamnion glaciale</i>) from Newfoundland</p>	<p><b>*Pales Espinosa, E.; Allam, B.</b></p> <p>Unraveling the fine mechanisms of particle selection in suspension-feeding bivalves</p>

**30 MINUTE COFFEE BREAK (Resume at 3:45pm)**

**NOTES:**

## SATURDAY AFTERNOON (3:45pm – 5:00pm)

	<b>Frontenac</b> Ecosystem functioning & Arctic ecosystem	<b>Jacques-Cartier</b> Chemical and Molecular Ecology	<b>Bellevue</b> Biological Invasions	<b>Petit-Frontenac</b> Community Ecology
<b>3:45</b>	<b>*Ambrose W.G. Jr.; Panieri G.; Carroll M; Schneider A.; ... Locke W.</b> Reconstructing millennial-scale methane emission history from in situ core profiles of carbonate-bearing organisms and bacteria...	<b>*Scherer, A.E.; Smee, D.L.</b>  Impacts food availability on prey defenses in Eastern oysters <i>Crassostrea virginica</i>	<b>*Wood, M.A.; Lipcius, R.N.</b>  Suitability of the exotic macroalga <i>Gracilaria vermiculophylla</i> as a nursery habitat for juvenile blue crabs <i>Callinectes sapidus</i>	<b>*Weigel, B.L.; Erwin, P.M.</b>  Structural differences in the microbial symbiont community of a marine sponge from intertidal and subtidal habitats
<b>4:00</b>	<b>*Young, J.K; Dunton, K.H.; Black, B.A.</b> Caloric content of Chukchi bivalves and impacts of shifting community composition on caloric resources for bivalve consumers	<b>Beauvois, J; *Weissburg, M.J.</b>  Positive feedback between consumptive and non-consumptive predator effects	<b>*Dudas, S.E.; Mohns, K.</b>  Do non-indigenous bivalves alter the benthic environment they invade?	<b>*Chase, A.L.; Dijkstra, J.A.; Harris, L.G.</b> Does settlement plate material matter? The influence of substrate type on fouling community development
<b>4:15</b>	<b>*Åström E; Carroll M.L; Ambrose W.G. Jr.; Silyakova A; Andreassen K; Carroll J</b> Methane-influenced benthic macro faunal communities in Svalbard, Norway	<b>*Clark, A.S.; Behringer, D.C.; Waltzek, T.B.</b> Development of a qPCR assay for analyzing viral load and dose-response in Caribbean spiny lobsters exposed to <i>Panulirus argus</i> Virus 1 (PaV1)	<b>*Davout D.; Surget G.; Stiger-Pouvreau V; Noisette F; Riera P; Stagnol D; Delebecq G; Poupart N</b> Effect of <i>Gracilaria vermiculophylla</i> invasion on estuarine-mudflat metabolism and diversity	<b>*Dias, G.M.; Oricchio, F.T.; Dutra, F.S.; ... Gibran, F.Z.</b> How a recreational marina affects larval recruitment and the effects of predation on benthic communities?
<b>4:30</b>	<b>*Carroll M.L.; Mette M.; Ballesta Artero I.; ... Retelle M.J.</b> Very long-lived bivalves from Northern Norway reveal North Atlantic climate dynamics: Evidence from seasonal to centennial scales	<b>*Titus, B.M.; Daly, M.</b> Comparative phylogeography in a multi-level sea anemone symbiosis: effects of host specificity on patterns of co-diversification and genetic diversity	<b>*Voerman, S.E.; Gladstone, W.; Glasby, T.; Gribben, P.E.</b>  Habitat-associations of an invasive, native macrophyte	<b>*Gallucci, F.; Gustavo F.</b>  The importance of dispersion and habitat heterogeneity in structuring soft-bottom communities
<b>4:45</b>	<b>*Edwards M.; Konar, B.</b>  Persistence of alternate state boundaries in the coastal marine ecosystem of the Aleutian Archipelago	<b>*Marino, C.; Erwin, P.; Pawlik, J.</b> Do microbial symbionts and chemical defenses change across latitudes for the sponge <i>Ircinia campana</i> ?	<b>*Dijkstra, J.A.; Mello, K.; Litterer, A.; Wells, C.; Harris, L.G.; Ware, C.</b> Introduced species increase complexity and biodiversity of rocky subtidal seascapes	<b>*Nobody, H.E.R.E.</b>  Why am I still sitting here? Contemplations in an empty room.
<b>5:00</b>	<b>*Belley, R.; Snelgrove, P.V.R.; Juniper, S.K.; Archambault, P.</b>  Environmental drivers and spatio-temporal variation in benthic fluxes in the North East Pacific	<b>Kingston, S.; Watling, J.; Eisenberg, B.; *Carlson, D.B.</b> Genotype and phenotype in a changing ocean: can standing genetic variation in stress responses rescue mussel populations from climate change?	<b>*Schenck F.R.; Bloomberg, J.; Kimbro, D.K.; Beighley, R.E.; Hughes, A.R.</b> Biodiversity and ecosystem productivity in communities of the invasive common reed, <i>Phragmites australis</i> , across a latitudinal gradient	

**END OF SESSION TALKS!**