

Our graduate students at a glance: Research contributions 2010-2011

Graduate student names appear in bold. This list is not comprehensive.
Please send us your citations so we update it on a regular basis

- MacLean, MA, Scott, BE, **Déziel, Bob A**, Nunnelley, MC, Liberty, AM, Gottschall-Pass, KT, Neto, CC, Hurta, RAR (in press) North American cranberry (*Vaccinium macrocarpon*) stimulates apoptotic pathways in DU145 human prostate cancer cells in vitro. Nutrition and Cancer: An International Journal
- **Vinke, Kristen** (in press) Challenges in Northern Aquatic Insect Sampling: An investigation into protocols for sustainable sampling program in the Sahtu, NWT. Newsletter of the Biological Survey of Canada, Ottawa, ON
- Ryan CL, **Robbins Mark A**, Smith MT, Gallant IC, Adams AL, Doucette TA (2011) Altered social interaction in adult rats following neonatal treatment with domoic acid. Physiol Behav 102: 291-295.
- **Proud, Adam J.**, Pearson, Jason K. (2010) A simultaneous probability density for the intracule and extracule coordinates. Journal of Chemical Physics. 133: 134113-1-6
- **Pickering, Tyler.**, Quijon, P.A. (2010) Missing claws in a commercial catch of American lobsters: Implications for life history and the fishery. Fisheries Research 102: 335-339
- **Déziel, Bob A** et al. (2010) Proanthocyanidins from the American Cranberry (*Vaccinium macrocarpon*) inhibit matrix metalloproteinase-2 and matrix metalloproteinase-9 activity in human prostate cancer cells via alterations in multiple cellular signalling pathways. Journal of Cellular Biochemistry 111: 742-754
- **Saada, Iskandar**, Bissessur, R. (2010) Intercalation of solid polymer electrolytes into lithium hectorite. 35th Annual APICS/CIC Conference, Dalhousie University, Halifax, NS
- **Sorochan, Kevin A.**, Quijon, P.A. 2010. Spatial and temporal patterns of larval decapod abundances in the Strait of Georgia, British Columbia, Canada. 9th Larval Biology Symposium. Wellington, New Zealand
- **Monyoncho, Evans**, Bissessur, R. (2010) Novel Vanadium Oxide Xerogel nanocomposites as reversible cathode materials for Lithium ion batteries. 35th Annual APICS/CIC Conference, Dalhousie University, Halifax, NS
- **Marriott, S. Meghan**, DB McCorquodale and DJ Giberson. 2010. Maritime lady beetles, insect collections, and the story they have to tell. Oral presentation at the University of Prince Edward Island Graduate Studies Day, Charlottetown, Prince Edward Island, April 2010
- Shaver, M.P., **Perry, Mitchell. R.** (2010) Poly(lactic acid) Polymer Stars: Variation of Core Initiator. APICS ChemCon 2010

- **Deziel, Bob A**, Patel K, Neto, KC, Gottschall-Pass, KT, Hurta, RAR (2010) Whole cranberry (*Vaccinium macrocarpon*) extract affects the expression of cell cycle proteins in human prostate cancer cells in vitro. ASCB Conference, Philadelphia, PA, USA
- **MacMillan, Mitchell R.**, Quijon, P.A. (2010) Sandy beach invertebrates and their relationships to beach geomorphology and erosion rate: studying community structure in a highly vulnerable system in eastern Canada. ICES, International Council for the Exploration of the Sea. Nantes, France
- **Pater, Christina**, Courtenay, S., van den Heuvel, M., Teather, K. (2010) Importance of eelgrass (*Zostera marina*) to northern pipefish (*Syngnathus fuscus*) in Prince Edward Island estuaries. Graduate Studies Research Days, University of Prince Edward Island, Charlottetown, PE
- **Pickering, Tyler**, Quijon, P.A. (2010) The spread of invasive species and the sustainability of shellfish resources: shifting populations of the European green crab threaten prime oyster habitats in Prince Edward Island, Canada. ICES Annual Science Conference. Nantes, France
- Pearson, J.K., **Proud, Adam J.** (2010) The contraction of correlated electron pair distributions. 93rd Canadian Chemistry Conference and Exhibition in Toronto, ON
- **Marchbank, Douglas H.**, Kerr, R.G. (2010) Glycosylation of a model glycosyl acceptor of fucose: the effect of glycosyl donor protecting group manipulations on overall glycosylation yields. Maritime Natural Products Conference
- **Pickering, Tyler**, Murray, K., Quijon, P.A. (2010) Prey preferences of European green crabs on three commercially grown bivalves. Aquaculture Canada 2010 and NAIA Cold Harvest 2010. St. John's, NL
- **Proud, Adam J.** (2010) "The Intex Distribution". Atlantic Theoretical Chemistry Symposium: St. Mary's University, Halifax, NS
- **Marriott, S. Meghan** (2010). Non-native ladybugs: friend or foe? Invasive Species Workshop, Charlottetown, Prince Edward Island
- **McNeil Sean A.**, van den Heuvel, M., Hogan, N. (2010) Assessment of exposure to sewage effluent and potential reproductive effects using the threespine stickleback (*Gasterosteus aculeatus*) as a monitoring species. 37th Aquatic Toxicity Workshop Toronto, ON
- **MacMillan, Mitchell R.**, Quijón, P.A. (2010) The relationship between coastal erosion and sandy beach invertebrate community structure on the north shore of Prince Edward Island. Coastal Zone Canada 2010 Conference. Charlottetown, PE
- Shaver, M.P., **Perry, Mitchell R.** (2010) Novel cores in polymer star synthesis. AIDW Conference
- **Pater, Christina**, Courtenay, S., van den Heuvel, M., Teather, K. Northern pipefish (*Syngnathus fuscus*): a victim of habitat degradation? Atlantic Canada Coastal and Estuarine Science Society and New England Estuarine Research Society Joint Conference, St. Andrews NB

- **Sorochan, Kevin A.**, Quijon, P.A. 2010. Spatial and temporal patterns of decapod larvae in the Strait of Georgia, British Columbia. Oral presentation at the Pacific Estuarine Research Society 33rd meeting (International). Nanaimo, BC
- **Marchbank, Douglas H.**, Kerr, R.G. (2010) Synthesis of a library of novel fuscoid and fuscoid analogues, and screening for selective anti-inflammatory activity. Symposium: The Chemistry and Biology of Natural Products. 93rd Canadian Chemistry Conference and Exhibition
- **MacMillan, Mitchell R.**, Quijón, P.A. (2010) Sandy beach ecology: the effects of erosion rate and beach type on invertebrate communities. Atlantic Canada Coastal and Estuarine Science Society/ New England Estuarine Research Society Spring 2010 Joint Meeting. St. Andrews By-The-Sea, NB
- McCorquodale, DB, **S. Meghan Marriott**, DJ Giberson. 2010. Conservation status of lady beetles in Canada: Do any fit COSEWIC criteria? Invited symposium talk at the Invertebrate Conservation Symposium, Entomological Society of Canada, Vancouver, BC
- **Marchbank, Douglas H.**, Kerr, R.G. (2010) Synthesis of a library of novel fuscoid and fuscoid analogues, and screening for selective anti-inflammatory activity. Maritime Natural Products Conference
- **Pickering, Tyler**, Quijon, P.A. (2010) European green crabs as predators on American oyster leases. Oyster Aquaculture Workshop. Slemmon Park, PE
- Shaver, M.P., **Perry, Mitchell R.** (2009) Novel architectures in advanced drug delivery systems. UPEI C2EMPURS
- **Marchbank, Douglas H.** (2010) Diversity oriented synthesis: targeting the biologically relevant regions of chemical space. Chemistry Departmental Seminar Series
- **Pickering, Tyler**, Quijon, P.A. (2010) European green crab preferences and their feeding rates on cultured American oysters. Scotian Pride Conference. Halifax, NS
- Pearson, J.K., **Proud, Adam J.** (2010) Correlation from the electron pair perspective. 17th Canadian Symposium on Theoretical Chemistry, Edmonton, AB

Science Graduate Studies Committee
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