



Summary Report

**Western Newfoundland
Regional Workshop**

**Norris Point, Newfoundland and Labrador
April 21-22, 2015**

Memorial University Partnering with
Community, Government and Industry Stakeholders

www.mun.ca/harriscentre

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1.0 EXECUTIVE SUMMARY

The Harris Centre's twenty-ninth Regional Workshop was held on April 22, 2015 in Norris Point, Newfoundland and Labrador. Planning partners included:

- Bonne Bay Marine Station
- City of Corner Brook
- Dept. of Business, Tourism, Culture and Rural Development
- Go Western Newfoundland
- Grenfell Office of Engagement
- Gros Morne Co-operating Association
- Jackson's Arm Heritage Society Inc.
- Office of Public Engagement, Rural Secretariat
- Town of Norris Point
- Town of Rocky Harbour
- Work Force Qalipu

This workshop had two main goals: 1) promote Memorial University as a resource for regional policy and development throughout the province, and 2) stimulate discussion to generate future opportunities or research questions from the region. To facilitate this, participants aimed to identify opportunities for future collaboration in the areas of research, teaching and outreach within the region, between Memorial University and community stakeholders.

The 'Regional Workshop' was held on Tuesday, April 22, 2015, from 8:00am to 4:00pm at the Bonne Bay Marine Station in Norris Point (see Appendix A for the Agenda). Eighty-three people attended the workshop, and attendees included forty-six faculty, graduate students and staff from Memorial University, and thirty-seven people from from Western Newfoundland, including municipalities, First Nations, federal and provincial government, community groups, businesses, business and economic development organizations; etc. (see Appendix B).

The workshop had three themes:

Climate Change Impacts

- What climate change impacts are happening or could happen in the future?
- Who is responsible for what when it comes to addressing and planning for climate change (including communities, governments, businesses, the general public, etc.)?
- How can Town Planning help communities deal with the impacts of climate change on their local ecosystems and infrastructure?

Energy Development

- What energy sources do people want to see developed, and how would their development shape the region?
- What is the feasibility of developing renewable energy sources, such as wind, solar or wave energy?
- Can the current system accommodate and benefit from new forms, and increased levels of, energy?

Collaborative Networking

- In what ways do networks already advance socio-economic development in the region, and how can this be furthered?
- How can people collaborate with each other more often and more effectively, both with others in the region and those outside of it?
- Can increased partnerships and knowledge sharing help address the changing demographics in the region, as the population is aging and many young people are leaving or commuting for work?

During the morning portion of the workshop, the group was welcomed and introduced to the community by Mayor Joe Reid of the Town of Norris Point and Dr. Robert Scott, Director of the Bonne Bay Marine Station. This was followed by opening presentations, which introduced several Memorial services and departments. Presenters included Rob Greenwood, Executive Director of the Harris Centre; Ken Carter, Director of the Grenfell Office of Engagement; and Bojan Furst, Manager of Knowledge Mobilization with the Harris Centre. The group also took in a presentation by Mark Lamswood, Go Western Newfoundland, who provided a regional profile of the workshop area.

During the remainder of the morning, participants broke into groups based on the workshop's themes. Everyone introduced themselves to their group and they got to know more about each other's work and interests.

After lunch, groups returned to their break-out groups to focus on identifying potential new opportunities for Memorial to establish linkages and partnerships for future projects. These opportunities could be related to research, teaching or public engagement. A total of 39 follow-up opportunities were identified at the workshop:

- Climate Change Impacts - 5
- Energy Development - 10
- Collaborative Networking - 24

These opportunities are listed in section 4.0 of this report, and the Harris Centre is in the process of following up on them. These opportunities will be circulated to the appropriate faculty, staff and students throughout Memorial University with the Harris Centre facilitating and tracking results. The one-pagers will be available online in Yaffle, Memorial University's online research database (www.yaffle.ca).

A 'Memorial Presents Public Forum' was also held the evening before the workshop, called *Weaving Networks for a Collaborative and Sustainable Future in Western Newfoundland*. Three panelists participated, including Dr. Jose Lam, Professor of Business at Grenfell Campus; Kelly Vodden, Professor at the Environmental Policy Institute, Grenfell Campus; and Colleen Kennedy, Executive Director of the Gros Morne Cooperating Association. This forum is described in more detail in Section 6.0, and the entire forum can be seen here: <http://www.mun.ca/harriscentre/policy/memorialpresents/2015c/>.

The workshop was very successful. Attendees overwhelmingly agreed that it increased their awareness of how Memorial and communities can work together, and that there were good opportunities for dialogue. It was also agreed upon that the facilitated workshop format worked well. Many attendees also agreed that they would follow up on ideas and

opportunities that were identified and that the event met their expectations. Overall, the workshop helped facilitate strategic planning and development within the region by discussing regional priorities and brainstorming potential projects with which Memorial could become involved. The results of the workshop evaluation are found in Appendix C.

2.0 ABOUT THE HARRIS CENTRE

Named in honour of the late scholar and former Memorial University President Dr. Leslie Harris, the Leslie Harris Centre of Regional Policy and Development was established on October 1, 2004.

Dr. Harris was known for his integrity and independence while making a practical contribution to Newfoundland and Labrador. The Harris Centre continues this commitment in coordinating and facilitating Memorial's educational, research and outreach activities in the areas of regional policy and development. In brokering these activities the Harris Centre will in some situations take a leading role, while in others the role will be that of a partner, supporter or facilitator.

The final product offered to the community, whether in the form of research, teaching or outreach, is based upon the independence and integrity of Memorial's faculty, staff and students in applying their professional expertise in contributing to regional policy and development in Newfoundland and Labrador.

3.0 REGIONAL WORKSHOP PURPOSE

Regional Workshops have three key objectives:

1. To promote Memorial University as a resource for regional policy and development throughout the province, through the utilization of research, teaching and outreach activities at Memorial;

2. To communicate current Memorial University activities to local stakeholders and to communicate local stakeholder priorities to Memorial faculty, students and staff;
3. To provide a venue for the identification of new opportunities/linkages between Memorial University and local stakeholders.

The workshop provides information to local stakeholders on current Memorial activities and provides an opportunity for local stakeholders to discuss the implications of these activities in the area. It also allows people from the region to discuss their own work and interests and how they relate with the theme. The workshops also allow for discussion of possible new collaboration opportunities between Memorial and local stakeholders. The session closes with a discussion of next steps. This report is intended to provide a summary of the information shared in the various sessions and opportunities for further Memorial University and community collaboration.

4.0 PARALLEL SESSIONS: MEMORIAL UNIVERSITY'S CURRENT PROJECTS AND NEW OPPORTUNITIES FOR COLLABORATION

Following several presentations, the workshop participants split into four parallel sessions based on the themes. These sessions began with a brief discussion by Memorial faculty, students and staff on their work in the region or on the themes, or the work of their departments. In addition, participants were all provided with a list of current research in the region, which included additional projects that may not have been discussed (see Appendix D). People from the region also had the opportunity to ask questions and discuss possible opportunities for using the research, while they introduced themselves and discussed their own work and activities related to the themes. There were nearly 40 participants who were interested in participating in the collaborative networking breakout group, so it was decided to split that theme into two groups. Below is the list of the facilitators for each break-out group:

- Climate Change Impacts - Bojan Fürst, Harris Centre
- Energy Development - Mike Clair, Harris Centre

- Collaborative Networking - Rob Greenwood, Harris Centre and Ken Carter, Grenfell Office of Engagement

After lunch, discussion followed between Memorial representatives and stakeholders from the region to identify potential new opportunities and partnerships between the university and the region. Many potential opportunities for Memorial University research, teaching and public engagement with stakeholders in Western Newfoundland arose from the afternoon session. These opportunities will be further explored with local contacts before being entered in Yaffle, so more details will likely emerge for each one. The opportunities are categorized by break-out group below.

4.1 Climate Change Impacts

1) Impacts of coastal erosion on cultural heritage in Western Newfoundland
Provincially, we have been studying erosion and its impacts on natural sites such as Mistaken Point for a long time. We also need to look at the impacts coastal erosion could have on known and potential cultural sites, especially aboriginal sites, in Western Newfoundland. We need a base study that would identify the most vulnerable areas that could potentially hold yet unexplored cultural sites.

Local partner: Jonathan Strickland, Qalipu Mi'kmaq First Nation, jstrickland@qalipu.ca

2) Comparative study of municipal climate change adaptation strategies

We need a targeted comparative study looking at climate change adaptation strategies, plans and areas of risk in some similar municipalities in Western Newfoundland, the province and possibly elsewhere. There may already be existing comparative studies in the Maritimes that could be utilized as well.

Local partner: Joseph Reid, Mayor of Norris Point, mayor@norrispoint.ca

*Memorial partner: Stephen Decker, Environmental Policy Institute,
sdecker@grenfell.mun.ca*

3) Marine Protected Area designation for Bonne Bay area

We need a carefully designed exploratory engagement session that would look at what kind of opportunities exist in the Bonne Bay area given the changes happening in the structure of fisheries. What kind of options are even available? Volunteer closures, an MPA, something else? How would it affect current usage of the ocean resources in the area? What would be the first steps towards protecting the marine environment? What is the connection between fisheries and food security? This could be a workshop or an information session. It should be hosted by the local fishermen in cooperation with the university.

Local partner: Joseph Reid, Mayor of Norris Point, mayor@norrispoint.ca

*Memorial partner: Trudy Taylor-Walsh, Bonne Bay Marine Station,
ttaylorwalsh@grenfell.mun.ca at*

4) Mapping watersheds in Port aux Choix

The sea levels in this area appear to be rising and getting closer to covering the road, which would cut Port aux Choix off from the rest of the island portion of the province. Mapping the watersheds over time would be a way to track how quickly the water levels are rising.

*Local partner: Carolyn Lavers, Department of Tourism, Culture and Rural Development,
clavers@gov.nl.ca*

5) Large scale peat sewage treatment for small and medium size communities in Western Newfoundland

What are the requirements that would make peat sewage treatment feasible on a scale sufficient to meet the needs of small and medium sized communities?

*Memorial partner: Trudy Taylor-Walsh, Bonne Bay Marine Station,
ttaylorwalsh@grenfell.mun.ca at*

4.2 Energy Development

1) Research run-of-river energy generation capacity in NL

The province's reliance on electric energy from a handful of hydroelectric generating stations makes it vulnerable in case the transmission system breaks down, as in during a sleet storm. A safer approach might be to explore the feasibility of installing smaller generating stations throughout the province, such as run-of-river hydro plants. This type of generating station does not create a large water reservoir and therefore has a much smaller environmental footprint. They may also be affordable to the larger municipalities, manufacturing plants, regional development groups, etc. The opportunity exists for a Memorial researcher to inventory the rivers of the province that might be suitable for such a development and to provide a plan for how these developments could be brought into existence. A study along these lines was undertaken by Dr. Andy Fisher in 2008 and a report is available here:

http://www.mun.ca/harriscentre/reports/arf/2008/ARF08_FisherIqbal_SmallScaleEnergy.pdf

Local partner: Keith Cormier, City of Corner Brook, kcormier@cornerbrook.com

Memorial University partner: Dr. Robert Scott, Bonne Bay Marine Station, rscott@grenfell.mun.ca

2) Research the positive impact of increasing the renewable energy generation on the interconnected system in NL

The Muskrat Falls hydroelectricity facility is expected to come on-stream in late 2017. In the first year, about 60% of the power will be exported to Nova Scotia. Discussions of exporting beyond Nova Scotia into Northeast US have taken place. The current plan is that the export sales will be reduced annually to meet the estimated 2% increase of power usage by the interconnected customers in Newfoundland. From an economic perspective, can NL maintain the export sales at the first year level and encourage renewable energy development to compensate for increased consumption? The average increase is in the range of 20 megawatts annually or about 2/3 of the capacity of one of the two existing wind farms. The research involves the economic evaluation of promoting renewable energy given the sunk cost of the

Muskkrat Falls project, the market price in Nova Scotia and beyond and the practical technical limits of developing renewable generation in the province.

Local partner: Mel Dean, Jet-Age Wind Inc. mel.dean@jetagewind.com

3) Research open access transmission tariffs in other jurisdictions with the goal of finding the most suitable for NL

Open access transmission tariff (“OATT”) are approved standing rates that a utility charges an independent power producers (“IPP”) for the use of their lines in order to transport the electrical power from the generator to another jurisdiction. An example would be a private wind farm in Western Newfoundland using Hydro lines to transmit power into Nova Scotia. The research would include analyzing the OATT from other jurisdictions including the US Federal Energy Regulatory Commission (“FERC”) guidelines and commenting on the best practises for NL as well as the technical considerations. The research could become the basis for implementing OATT in the province which in turn would be a stepping stone for renewable energy development in Western Newfoundland as well as other regions.

Local partners: Mel Dean, Jet-Age Wind Inc. mel.dean@jetagewind.com; Conor Curtis, Divest MUN, jcurtis@grenfell.mun.ca

Memorial University partners: Catherine Keske, Boreal Ecosystem Research Initiative, ckeske@grenfell.mun.ca

4) Research feed-in tariffs in other jurisdictions and recommending the most suitable for NL

Feed-in Tariffs (“FIT”) are approved standing rates that a utility has in order to purchase power from an independent power producers (“IPP”). These tariffs would be available to all IPP who have power sources that meet the established safety and reliability standards. The research would include obtaining and analyzing the FIT used in other jurisdictions and commenting on the most suitable FIT for NL. The research could become the basis for implementing FIT in the province which in turn would be a stepping stone for renewable energy development in Western Newfoundland as well as other regions.

Local partners: Mel Dean, Jet-Age Wind Inc. mel.dean@jetagewind.com; Conor Curtis,

Divest MUN, jcurtis@grenfell.mun.ca

5) Research into recycling the waste water ejected by the Kruger Paper Mill

The Kruger Paper Mill in Corner Brook regularly ejects significant amounts of warm water into the Bay of Islands. Could the energy contained in this water be captured and re-used by the mill or the surrounding community? What would be involved in capturing the excess heat and to what uses could this energy be put?

Local partner: Keith Cormier, City of Corner Brook, kcormier@cornerbrook.com

6) Research how remote communities could free themselves from diesel generation of power

There remain a handful of communities in Southern Newfoundland and Coastal Labrador that are too far removed from the province's electricity grid and that rely on diesel-generated electricity for power. Such systems are inefficient and polluting. Research is needed to demonstrate the feasibility and sustainability of alternate power generation sources, such as wind, solar, tidal, run-of-river, biomass, etc. As well, such a hybrid system would require a sophisticated coordinating mechanism, where one source would kick in when another waned. (Research undertaken in 2006 by Dr. Mohammed Tariq Iqbal and Dr. Neil Bose looked at this issue, and a report is available here:

<http://www.mun.ca/harriscentre/reports/arf/2006/FinalReportIqbalEnergySystems.pdf>.)

Local partner: Dermot Westcott, International Alliance for Missions, derm_w@yahoo.com

7) Considering and determining the intrinsic value of natural resources

Decision-makers are often compelled to make judgements about the value of the environment. Development, management and policy decisions typically involve trade-offs that positively affect some aspects of the issue under consideration, while negatively affecting others. Comparing which alternative is better than another can be very challenging, especially when the alternatives are like comparing apples to oranges. For example, clearing land for a housing development could increase jobs and incomes, but might also reduce species habitat and water quality. How should the decision-maker compare these vastly

different dimensions? These difficult decisions have to be made all the time, but are they made with enough thought to the intrinsic values of the natural environment?

There doesn't seem to be a standardized method in this province to assign values to environmental services and resources. This is understandable, as uncertainty regarding environmental impacts, differences in social values across individuals and groups, as well as other factors, make this a challenging task. However, good environmental management and decision-making needs a systematic way to evaluate and consider the effects of decisions on the public and the environment. A local toolkit could help both public and private decision-makers assess environmental value, which would provide important information to help guide development. They are hoping that someone at Memorial could complete research on this topic to help develop this useful toolkit, while also bring the issue to the attention of the people who could use it.

Local partners: : Dermot Westcott, International Alliance for Missions, derm_w@yahoo.com; Conor Curtis, Divest MUN, jcurtis@grenfell.mun.ca

Memorial University partner: Catherine Keske, Boreal Ecosystem Research Initiative

8) A study of the impact of petroleum prices on the future development of the petroleum industry in NL

The price of oil, natural gas and other hydrocarbons can fluctuate widely in any time period, making fiscal policy challenging, and causing irrational exuberance one day and budgetary cutbacks the next. What is the best estimate of where global hydrocarbon prices are heading, and what impact does this information have on the sustainability of the province? How are future price increases or decreases likely to impact developments in the province?

Local partner: Deirdre Hutchings, Qalipu Mi'kmaq First Nation, dhutchings@qalipu.ca

9) Study on the impact of non-renewable resources on the tourism industry

Many rural parts of the province depend on a healthy tourism industry. In Western Newfoundland in particular, a healthy tourism industry depends in large part on pristine wilderness. While a significant portion of the region is protected for posterity (in National and Provincial parks and historic parks or in municipal watersheds), there are no restrictions

on developments in most of Western Newfoundland. As such, the region may be subject to developments involving non-renewable resources, such as drilling for oil & gas and mining. What are the potential impacts of such developments on the tourism industry? How should we achieve a balance between tourism and non-renewable resource developments? What principles should we adopt to allow such developments while at the same time preserving those valued parts of the environment?

Local partner: Mark Lamswood, Go Western Newfoundland,
mark@gowesternnewfoundland.com

10) How should NL use its natural resources to ensure its long-term sustainability? What should be the province's economic development strategy to ensure its long-term sustainability?

The two questions are related and would need to be undertaken on a province-wide scale. As well, they would involve a dedicated initiative on the part of Memorial University and the Harris Centre.

These are two very large questions that would require the mobilization of many researchers, scholars and thinkers at Memorial University of Newfoundland, as well as many thoughtful, knowledgeable and experienced citizens outside the university. Addressing these questions would require a comprehensive research agenda and extensive knowledge mobilization activities. They would require the commitment, creativity and collegiality of a large number of collaborators, as well as government support, access to information and finances.

The initiative should be led by a “program committee” composed of academics (from the social and natural sciences, the humanities, etc.) and leaders in the fields of government, business, the social sector, First Nations, rural development groups, etc.

The research agenda would be determined collectively, the research would be undertaken in a non-partisan manner, and the recommendations of the research would be validated at forums with leaders and citizens. The media would be mobilized to get the public involved.

4.3 Collaborative Networking

1) Monitoring marine and coastal impacts from various sources on the West Coast

Research is needed on the environmental impacts of various activities on the coastal and ocean ecosystem on the west coast of the island. What are the risks and amounts of coastal erosion? What are the levels of municipal waste and do they affect water quality? What are the potential impacts of fracking? Providing baseline data on the region's marine resources is very important and necessary, especially with increasing development in many areas. This research would need to be highly connected with local people and networks.

Local partner: Myrna Goosney, Town of Glenburnie-Birchy Head-Shoal Brook, gbstownoffice@eastlink.ca

2) Municipal waste management in Western Newfoundland

There are some emerging problems with the current municipal waste plan, including trucking it to central Newfoundland. Research is needed on the environmental and economic aspects of the current way of dealing with municipal waste, as well as alternative/new methods that could be applicable. This research would need to be done on a regional basis, and include collaboration with local partners.

Local partner: Damon Clarke, Town of Deer Lake, deerlakeedo@nf.aibn.com

3) Growth and sustainability of the Bonne Bay Cottage Hospital Heritage Corporation

As the role of the Heritage Corp. in the community grows, there may be ways for Memorial to become involved in its sustainability into the future. It is important to document the oral history of the hospital, perhaps a folklore student could be involved in that aspect. There are also many artifacts in the building, which history, archaeology or folklore students could become involved in documenting, preserving and displaying. In addition, maybe fine arts students could become involved in the interpretation and awareness of these artifacts and the history of the hospital. Perhaps the hospital could be used as an arts incubator for the region, in partnership with Memorial, or it could be linked in some way to Grenfell's library or digital archive.

*Local partner: Joan Cranston, Bonne Bay Cottage Hospital, jcranston@nf.sympatico.ca;
Jennifer Samms, Town of Norris Point, info@norrispoint.ca*

4) Pan provincial public education engagement facility network

Facilities that lead and/or participate in public engagement activities should form a network to share lessons learned, promotion, resources, etc. This could include Memorial based facilities (such as the Bonne Bay Marine Station and the Battery) as well as facilities outside of Memorial that are run by public and private organizations/institutions.

*Local partner: Joan Cranston, Bonne Bay Cottage Hospital, jcranston@nf.sympatico.ca
Memorial University partner: Bob Scott, Bonne Bay Marine Station*

5) Inter-municipal collaboration framework

A researcher at Memorial could work with Municipalities Newfoundland and Labrador and/or the Federation of Canadian Municipalities to create a framework that can help guide communities toward collaborating with each other effectively. This collaboration could be based on shared services, such as waste management and drinking water systems. The frameworks should show specific ways to implement collaborative arrangements. The Humber region could be used as a case study, which would also be applicable to other parts of the province. This could potentially be a student led project.

Local partner: Damon Clarke, Town of Deer Lake, deerlakeedo@nf.aibn.com

6) Regional/rural economic development assistance support

There is often a lack of capacity in small municipalities to develop their economy in strategic ways. They may lack the staff, training, office space, and other resources to carry out their objectives fully, and this can be especially noticeable with the gap left by the dissolution of the Regional Economic Development Boards. What supports are available from Municipalities Newfoundland and Labrador, federal government, provincial government and others to help small municipalities work together to create bottom-up solutions for economic development?

Local contact: Debbie Reid, Town of Rocky Harbour, debbiereid@bellaliant.com; Damon Clarke, Town of Deer Lake, deerlakeedo@nf.aibn.com

7) Utilizing existing facilities for the use of communities and regions

How can existing community facilities be used for the benefit of communities and regions? There is a lack of space for community activities in some communities, while there may be buildings located in nearby communities in the region. Likewise, there are buildings in the region that may or may not be used to their full capacity (such as schools, seniors centres, churches, etc.). Community spaces are necessary for programming such as recreation for youth, seniors and others; social occasions such as weddings, dances or suppers; etc. These spaces are necessary to attract and retain residents. Is there a way to create a regional plan to share community facilities?

Local contact: Myrna Goosney, Town of Glenburnie-Birchy Head-Shoal Brook, gbstownoffice@eastlink.ca

8) Rural transportation/regional transportation corridors strategy for Western Newfoundland

A transportation strategy is needed for the western portion of the island, which defines the needs of the public, industry, tourists, etc. as well as the current capacity and structure of the current transportation system. How do the ports, airports, highway, buses, and other forms of transportation related to each other? Are economic sectors, such as tourism or grocery chains, supported? Are there other forms of transportation that could be implemented, or implemented in a better way, such as a tunnel or car sharing?

Local contact: Damon Clarke, Town of Deer Lake, deerlakeedo@nf.aibn.com; Katherine Lockhart, Creative Gros Morne, katherine@creativegrosmorne.com

9) Audience Development for tourism sites in Western Newfoundland

There is existing visitor data for the area, especially in Gros Morne National Park; however, this data needs to be reviewed and used in the best way possible to help develop the tourism audience. More data also needs to be collected on what the visitors to the area do, if they can

be contacted in the future, what they would like to see happening with respect to tourism, etc. Perhaps Memorial could become involved in studying this topic by collecting existing data from Parks Canada, local festivals and others, and collecting new data as needed.

*Local contact: Katherine Lockhart, Creative Gros Morne,
katherine@creativegrosmorne.com*

10) Gros Morne Co-operating association shared services for other communities and festivals

How can the Gros Morne Co-op, communities, festivals, and others work together to share services for the benefit of everyone involved. This could apply to ticket sales, management, fundraising, and other services. Could social enterprise or social impact bonds play a role?

*Local contact: Katherine Lockhart, Creative Gros Morne,
katherine@creativegrosmorne.com*

11) Food security in Western Newfoundland

What programs and services are available to secure the food supply in Western Newfoundland? Are there additional programs and services that could be developed? Are people networking and collaborating with each other as much as necessary? What is the role of community organizations and initiatives, such as community advisory committees, community freezers, public schools and community or roadside gardens? How do these initiatives link with others around the province, such as the Food Security Network? What linkages are made between food security in Western Newfoundland and other topics such as social equity, hunting, mental health, youth involvement, education and sustainability planning? What are best practices elsewhere that have been effective in securing food supplies in rural, remote or island areas?

Local contact: Cara Welsh, Western Health, carawelsh@westernhealth.nl.ca; Marion McCahon, Rural Secretariat, Office of Public Engagement, marionmcCahon@gov.nl.ca

12) Grand Lake water export potential

What are the opportunities to develop a bottled water industry based out of Grand Lake? What are the policies and regulations pertaining to manufacturing and exporting bottled water from the province?

Local contact: Damon Clarke, Town of Deer Lake, deerlakeedo@nf.aibn.com

13) Utilization of agricultural land in Western Newfoundland

How is agricultural land currently being used in Western Newfoundland, and is it being used to its full potential? Are there other areas that could be developed? What is being grown and distributed locally? Can the Boreal Ecosystem Research Initiative help in this research?

Local contact: Damon Clarke, Town of Deer Lake, deerlakeedo@nf.aibn.com

14) Utilization of pulp logs in Deer Lake and logs in Grand Lake

Pulp logs were floated down the Humber River and ended up in Deer Lake, while there are also logs in Grand Lake. Are there possibilities for collecting and utilizing these logs?

Local contact: Damon Clarke, Town of Deer Lake, deerlakeedo@nf.aibn.com

15) Engaging the public with the Worldwide Holistic Sustainability Corporation

How can the public and others around Memorial become more involved in and aware of the Worldwide Holistic Sustainable Development Cooperation based out of Grenfell, which aims to help communities achieve sustainable development. The initiative has a global outlook, which could provide insights for local issues and initiatives. Possible methods for communication and engagement include a journal, conference, media, public lectures or discussions, etc.

*Local contact: Rebecca Brushett, Worldwide Holistic Sustainable Development Cooperation
rbrushett@grenfell.mun.ca*

16) Integrated approaches to natural resource management in Western Newfoundland

The management of ocean, coastal and land based resources seems to be very fragmented, as decision-makers, stakeholders and users may not be aware of what is going on in other sectors or geographical areas and how they affect each other. We need a better understanding of how different sectors can work together to better manage natural resources. A study could be completed on what integrated management practices have been attempted in the region, how they functioned, and what may be needed in the future. In addition, this research could examine what policies and programs are implemented elsewhere, and whether these could be applicable to the region. Perhaps a forum to discuss this research and these issues could be organized, which would include researchers from Memorial.

*Local contact: Bob Diamond, Port au Port Bay Fishery Committee,
rdiamond@nf.sympatico.ca*

17) Promoting sustainable fisheries from a community perspective

There has already been a lot of research done on inshore fisheries within parts of the region by the CURRA and other projects. Action on the findings of this research is now needed. Is it possible for someone from Memorial to revisit prior research and then work with local people and organizations to prioritize the findings and move them forward? The research could also look at how local people could work together to consolidate their actions and resources to address the findings and include the right people (such as policy-makers, managers, and others with government). Some actions could revolve around finding synergies with fisheries and tourism, or becoming more competitive in the global market. Initiatives in Western Newfoundland could also be compared to those elsewhere within and outside the province.

Local contact: Paul Taylor, Department of Business, Tourism, Culture and Rural Development, paulataylor@gov.nl.ca

18) Business tools for enterprise in Western Newfoundland

Entrepreneurial/business skills within the province are often lacking, and Western Newfoundland is no different. These skills could include organization and administration, leadership, partnership development, marketing and outreach. Perhaps there are opportunities for Memorial to provide training or workshops regarding business and entrepreneurship, both for profit and non-profit organizations. These sessions would have to be accessible and have an engaging format.

Local contact: Mark Tierney, ACOA, mark.tierney@acoa-apeca.gc.ca

Memorial contact: Jacquie Walsh, Business, Grenfell, jswalsh@grenfell.mun.ca

19) The status of non-profit and social enterprise sectors in Western Newfoundland

What non-profit and social enterprise sectors are operating within the region, and what are their mandates? What is the current environment they are working within? What are their partnership, collaboration, training, human resource, volunteer, planning and other needs? What are the obstacles and barriers that they face in trying to plan for and reach their goals? What role does geography play in how they operate? Research could fill in the gaps in local knowledge about the local non-profit and social enterprise sector, while there could possibly be workshops dealing with the results of this research.

Memorial University contact: Sean St. George, Navigate Entrepreneurship Centre, Grenfell, Memorial University, sstgeorge@grenfell.mun.ca

20) Best collaboration practices: Applying global experiences to local Western Newfoundland initiatives

Collaboration is a necessary instrument which helps people, groups and sectors move forward their goals and objectives, including those from the public, private, non-profit and education sectors. Collaboration happens all the time in Western Newfoundland, but maybe there are some lessons that could be learned from elsewhere regarding collaboration, which could be applied to the region. Perhaps research could examine what collaboration techniques work in other areas around the world, and see if they could be applied to the

region. In addition, perhaps linkages between people and organizations outside the province could be made with those within the province, creating lasting partnerships for the future.

Local contact: Mark Tierney, ACOA, mark.tierney@acoa-apeca.gc.ca

Memorial University contact: Ken Carter, Grenfell Office of Engagement, kcarter@grenfell.mun.ca

21) Volunteer rejuvenation in the rural context in Western Newfoundland

There are numerous questions about volunteerism that could be researched in the region. What is the current context for volunteerism? What are they doing within organizations or what would organizations like them to be doing? Where are they volunteering? Who is volunteering? Who else could be volunteering? How can new volunteers be recruited and retained, especially those who are difficult to engage? How can organizations manage volunteers in an effective manner? How do volunteer experiences vary in different communities? What is the role of province-wide organizations, such as the community sector council or the Harris Centre (Yaffle)? What are the best practices elsewhere that could be applied to the region?

Local contact: Erica Parsons, Western Health, ericaparsons@westernhealth.nl.ca; Marion McCahon, Rural Secretariat, Office of Public Engagement, marionmcCahon@gov.nl.ca

22) Increasing winter tourism in Western Newfoundland

A study is needed that examines the current status of winter tourism in Western Newfoundland. This would include a profile of what activities and amenities are currently offered in the winter months, as well as an assessment of what else could be offered. The current number of winter tourists and spending on the industry should also be considered. In addition, the study could look at what challenges businesses face when trying to develop winter tourism in the region, and look at best practices in other areas for overcoming similar challenges. Also, it could examine tourism marketing, and how different sites and businesses could collaborate to market the region as a whole for the benefit of everyone involved.

Local contact: Paul Taylor, Department of Business, Tourism, Culture and Rural Development, paulataylor@gov.nl.ca

23) Addressing climate change through the use of alternative energy sources in Western Newfoundland

A forum is needed which brings people up to date on climate change on the region, and perhaps the province as a whole, and how our current energy system could be contributing to it. The impacts of climate change should also be discussed. This forum would need to include researchers from Memorial who are knowledgeable about the topic, as well as the public, government, and other stakeholders. It should include a question and answer portion and discussions surrounding what everyone can do to help combat climate change, especially through their energy use.

*Local contact: Bob Diamond, Port au Port Bay Fishery Committee,
rdiamond@nf.sympatico.ca*

24) Access to funding in rural communities in Western Newfoundland

Non-profits, municipalities and other community groups may face challenges when applying for funding, as they may need training or assistance in completing proposals and applications. They may have a great plan, but may not have the capacity and resources to complete the documentation needed to get funding to carry out the plan. They may also find it challenging to make the connections and partnerships that could help them if they are short on staff and/or volunteers. There should be an assessment of what training, assistance and capacity building initiatives are already happening in the region, as well as an assessment of what additional resources and programs are needed. In addition, this research could reveal possible partnerships and resource sharing strategies, which would make proposal writing easier for everyone involved.

Local contact: Erica Parsons, Western Health, ericaparsons@westernhealth.nl.ca

5.0 FOLLOW-UP PROCESS

The Harris Centre will follow up with individual session participants to determine contacts and descriptions for the opportunities for further Memorial collaboration with stakeholders in the region. The goal is to develop each opportunity, or research question, into a one-page

description, with a lead individual or organization specified from within the region as a local champion. These one-page opportunity descriptions will be circulated to appropriate Memorial University faculty, staff and students and the Harris Centre will track, facilitate and report results. Opportunities will also be listed in Yaffle (www.yaffle.ca), Memorial's online connecting tool, to enable web-accessible listings for further follow up.

6.0 MEMORIAL PRESENTS

A Memorial Presents public forum was held the evening before the Regional Workshop. It was attended by around fifty-five people. The entire forum can be seen here: <http://www.mun.ca/harriscentre/policy/memorialpresents/2015c/>.

Complex problems require complex solutions. More and more collaboration is considered an effective way to solve the challenges we face as a society. Collaborative networks that bring together a variety of experiences, perspectives and expertise hold much promise for tackling a number of societal challenges. There are a growing number of positive collaborative initiatives happening in Western Newfoundland, which include community, business, academic, government and/or other partners. Many of the people carrying out these initiatives want to ensure that they are networking in the most effective way to help achieve their goals as well as advance their communities and regions.

The presenters examined collaborative networking with respect to: its importance in regional development, understanding when it is a good idea to start or join an initiative, the resource and capacity considerations that are needed, as well as best practices for planning and carrying out successful arrangements. Importantly, the presenters will discuss the value of collaborative networking both internally within the region, but also externally on provincial, national and international levels.

7.0 CONCLUSION

Based upon the evaluation results from the events, participants of Regional Workshop and the Memorial Presents public forum felt that these events were a useful and worthwhile way to become better informed on how Memorial University and communities can work together. The workshop also provided a good opportunity for dialogue. Memorial faculty, staff and students felt that it was a valuable way to learn about the needs and priorities of those in Western Newfoundland. Memorial University is committed to the social and economic development of all areas of Newfoundland and Labrador; the Harris Centre is dedicated to advancing this mission through these workshops and the many opportunities they highlight and initiate.

APPENDIX A

Western Newfoundland Regional Workshop

Bonne Bay Marine Station, Norris Point
Tuesday, April 21, 2015
8:00am – 4:00pm

Agenda

8:00 – 9:00	Breakfast (provided by the Harris Centre)
8:30 – 9:00	Workshop Registration
9:00 – 9:10 (10 mins)	Welcomes <ul style="list-style-type: none">• Rob Greenwood, Executive Director, Harris Centre• Joe Reid, Mayor, Norris Point• Robert Scott, Director, Bonne Bay Marine Station
9:10 – 9:20 (10 mins)	Outline for the Day Rob Greenwood, Harris Centre
9:20 – 9:35 (15 mins)	The Role of Memorial University in Regional Development Ken Carter, Grenfell Office of Engagement
9:35 – 9:50 (15 mins)	Western Newfoundland Profile and Priorities Mark Lamswood, Go Western Newfoundland
9:50 – 10:00 (10 mins)	Follow-Up Process for New Opportunities Bojan Fürst, Harris Centre
10:00 – 10:15 (15 mins)	Break

10:15 – 12:00 <i>(1hr 45 mins)</i>	Parallel Sessions: Current Memorial Activities in the Region Participants will discuss current activities in the region and discuss various Memorial departments/centres in break-out groups. <ul style="list-style-type: none">• Climate Change (Facilitated by Bojan Fürst, Harris Centre)• Energy Development (Facilitated by Mike Clair, Harris Centre)• Collaborative Networking (Facilitated by Rob Greenwood, Harris Centre)
12:00-1:00 <i>(1 hr)</i>	Lunch (provided by the Harris Centre)
1:00-2:45 <i>(1hr 45 mins)</i>	Parallel Sessions: New Opportunities Discussion of potential new opportunities for collaboration based on regional priorities. Groups will brainstorm new research questions, engagement activities, teaching opportunities, etc. <ul style="list-style-type: none">• Climate Change (Facilitated by Bojan Fürst, Harris Centre)• Energy Development (Facilitated by Mike Clair, Harris Centre)• Collaborative Networking (Facilitated by Rob Greenwood, Harris Centre)
2:45-3:00 <i>(15 mins)</i>	Break
3:00-4:00 <i>(1hr)</i>	Report Back/Wrap-Up and Next Steps Facilitator: Rob Greenwood, Harris Centre

APPENDIX B

Harris Centre Western Newfoundland Regional Workshop Attendees

Jessica Barry	Harris Centre
Hillary Bradshaw	Geography, Memorial University
Kyla Bruff	Philosophy, Memorial University
Rebecca Brushett	Environmental Policy, Grenfell, Memorial University
Elliott Burden	Earth Science, Memorial University
Jeanne Burke	Biology, Memorial University
Michael Burzynski	Gros Morne Co-operating Association
Belizario Carballo	Sustainable Resource Management, Grenfell, Memorial University
Antony Card	Research, Grenfell, Memorial University
Ken Carter	Grenfell Office of Engagement
Juan Castellanos Gonzalez	Environmental Policy Institute, Grenfell, Memorial University
Mike Clair	Harris Centre
Damon Clarke	Town of Deer Lake
Kevin Clarke	Marine Institute, Memorial University
Natasha Collins	Biology, Memorial University
Keith Cormier	City of Corner Brook
Conor Curtis	Divest MUN
Diane Curtis	Jackson's Arm Heritage Society, Inc.
Gerard Curtis	Fine Arts, Grenfell, Memorial University
Raymond Cusson	Gros Morne Co-operating Association
Mel Dean	Jet-Age Wind
Stephen Decker	Environmental Studies, Grenfell, Memorial University
Robert Diamond	Port au Port Bay Fishery Committee
Rachelle Dove	Biology, Memorial University
Brian Eddy	Natural Resources Canada/Memorial University Adjunct Professor
Marilyn Forward	Grenfell Office of Engagement
Bojan Furst	Harris Centre
Susan Galloway	Light Essentials Consulting
Myrna Goosney	Town of Glenburnie-Birchy Head-Shoal Brook
Rob Greenwood	Harris Centre
Christian Hamlyn	Enactus Grenfell
Bob Hooper	Biology & Bonne Bay Marine Station
Wayne Hounsell	Port au Port Fishery Committee
Deidre Hutchings	Qalipu Mi'kmaq First Nation
Jannatul Islam	Worldwide Holistic Sustainable Development Cooperation
Amy Jones	Harris Centre
Alana Kavanagh	Bonne Bay Marine Station
Colleen Kennedy	Gros Morne Co-operating Association
Jeanette Kerrivan	Grenfell Office of Engagement
Catherine Keske	Environmental Studies & Boreal Ecosystem Research Initiative, Grenfell

Jose Lam	Business, Grenfell, Memorial University
Mark Lamswood	Go Western Newfoundland
Carolyn Lavers	Dept. of Business, Tourism, Culture & Rural Development
Stephen Lewis	Enactus Grenfell
Katherine Lockhart	Creative Gros Morne
Aragorne Lomond	Biology, Memorial University
Chelsea Malayny	Biology, Memorial University
Anne Marceau	Gros Morne Co-operating Association
Richard May	CBDC NORTIP
Amelia Maynard	Bonne Bay Cottage Hospital Heritage Corporation
Marion McCahon	Rural Secretariat, Office of Public Engagement
Louise McGillis	Grenfell Library, Memorial University
Sarah Messer	Philosophy, Memorial University
Cathy Newhook	Harris Centre
Gary Noel	Writers at Woody Point
Dylan Odd	Worldwide Holistic Sustainable Development Cooperation
Bill O’Gorman	Port au Port Fishery Committee
Temi Onifade	Sustainable Resource Management, Grenfell, Memorial University
Erica Parsons	Western Health
Karole Pittman	Concerned Citizen
Debbie Reid	Town of Rocky Harbour
Joe Reid	Town of Norris Point
Trina Reid	Bonne Bay Cottage Hospital Heritage Corporation
Chantel Rice	Biology, Memorial University
Richard Roberts	Town of Woody Point
Leah Robertson	Biology, Memorial University
Jennifer Samms	Town of Norris Point
Robert Scott	Bonne Bay Marine Station
Chris Short	Education, Grenfell, Memorial University
Tanner Stein	Biology, Memorial University
Sean St. George	Navigate Entrepreneurship Centre, Grenfell, Memorial University
Ian Stone	Gros Morne Co-op/ Town of Norris Point
Jonathan Strickland	Qalipu - Natural Resources
Paul Taylor	Dept. of Business, Tourism, Culture and Rural Development
Trudy Taylor-Walsh	Bonne Bay Marine Station
Mark Tierney	ACOA
Gloria Toope	St. Barbe Development Association
Melissa Tremblett	Divest MUN
Kelly Vodden	Environmental Policy Institute, Grenfell, Memorial University
Jacqueline Walsh	Business, Grenfell, Memorial University
Cara Welsh	Western Health
Dermot Westcott	International Alliance for Missions
Denise White	Dept. of Business, Tourism, Culture and Rural Development

APPENDIX C

Summary: Regional Workshop and Memorial Presents Evaluations

Participants provided a scoring of 1 to 5 for each of the below questions, with 1 being strongly disagree to 5 being strongly agree. The average score given to each question is provided.

	Average Score (out of 5)
Regional Workshop	
Total number of participants: 83 Total forms filled out & returned: 35 Response rate: 42%	
The workshop increased my awareness of how Memorial University and community members can work together	4.3
The workshop covered topics and themes which interest me	4.3
There was good opportunity for dialogue at this workshop	4.4
Regional Workshops are good for NL communities	4.6
Regional Workshops are good for Memorial University	4.3
Memorial University plays a key role in finding solutions to issues in NL	4.2
The facilitated workshop format was a good way to conduct such a workshop	4.1
I will follow up on ideas and opportunities identified at this workshop	4.1
Memorial Presents	
Total number of participants: 55 Total forms filled out and returned: 33 Response rate: 60%	
The speakers were well informed and provided relevant information.	4.2
The promotional materials for this event accurately described the content of the forum	4.0
There was sufficient time provided for the Q&A period	4.2
The presentation and the following discussion have given me a better understanding of the issues involved	4.2

The information and discussion at the presentation has given me a better understanding of the issues involved	4.3
I am interested in this topic	4.2
Memorial University plays a key role in finding solutions to the issues in Newfoundland and Labrador	4.2
Overall, this workshop and public forum has met my expectations.	4.1

Regional Workshop:

Additional Comments:

- Mediators/leaders of break-out sessions and presenters and many participants were very interesting and knowledgeable. Thank you!
- Very good workshop.
- Interesting; needed more time to have more detailed discussion on the workshop topics. Thank you.
- Too much time on introductions and role of Harris Centre & Engagement – could have been much shorter and allowed more time for topics of sessions. Morning seemed more a “promo” for MUN over and engagement session. Climate Change workshop was too tightly focused on a core area – needed broader base for region and regional issues from Port aux Basques to St. Anthony as well to give regional notions of impact of climate change (conversation went more into fishing and employment at times & marine protection area rather than climate change’s broader impact at times).
- 1) Too much time was spent on promoting Memorial University; 2) More time should have been spent dealing with the focus of the workshop (climate change and energy development) before sessions on collaborative networking; 3) The collaborative networking sessions were largely tangential or not connected to what I thought would be the focus e.g. climate change and energy development.
- I didn’t really enjoy the session. I ended up leaving after lunch. I did not find it was engaging to me.
- Participants were engaged and contributed well in the session. The workshop sessions were interesting and I gained knowledge and awareness of issues. I enjoyed the session of energy development very much.
- Site (facility) was a great location to host workshop!!
- Thank you!
- We could have used a bit more social time. There was lots of time for formal networking, but all the breaks were quite rushed.
- Need a follow-up session specifically on renewable energy in the province (specifically wind, solar, micro-hydro, etc. Additional sessions on climate change impacts should also take place.

- The workshop was well organized and very informative. I look forward to hearing about new research based on the topics and issues discussed. Well done!!
- The topics were very large and complex. It might have been beneficial to focus them, either via prior reading or presentations. While it was good to get a bunch of research ideas out, we didn't really move any closer to action did we?
- It was amazing the way Robert facilitated the workshop. Congratulations.
- This was a really informative workshop and has sparked ideas for my own research and given me great contacts to use for my work. Thank you!
- Well-orchestrated, organic discussion. Was excellent for candid and broad exploration of topics. Fantastic execution. Thanks!

Memorial Presents:

Additional Comments

- Temp good and good air flow
- Great comments from panel to questions
- Good event, do more events at BBMS- better turnout than at Grenfell
- Very important topics, thanks for taking this on!
- Interesting to sit in on this presentation- helped engage other groups and answer networking questions
- future event should facilitate specific networking between parties with compatible needs
- Great forum, excellent case study
- the information provided was very interesting
- There should have been a break between the panelists, it was too long. I didn't see how Colleen's work fit with the theme of the presentations
- we could have concentrated better with a break halfway through
- The participants and tenor of the talks were not inclusive of industries outside arts and tourism
- A little too abstract and theoretical
- Rob did an excellent job of facilitating with fairness and humor

What other information would you like to see on this topic?

- Links to tools for networking with Yaffle and HC
- More on the fisheries- gulf of St. Lawrence
- Less networking more sustainability!
- More on sustainability
- Places to engage further on this topic- website for info and partnerships
- Study cases out of NL that can be applied in NL
- Information related to online collaboration
- MUN cannot deliver it. You do not have the right connections

What other topics would you like to see Memorial Presents address?

- industry networking session. Fisheries, municipal, tourism, IT, agriculture

- land rights, sea rights, headland-to-headland rule (1949)
- Specific natural resources sustainability issues such as forestry, fishery, aquaculture, agriculture
- Fracking concerns
- Sustainable resource management
- How to access students to help on local projects, how to get student workers
- Role of the international community outside of NL
- Public consultation methods
- Collapse of the cod fishery, youth/local involvement in provincial and federal politics
- Governance models - local/regional. Social enterprise

How did you find out about this session?

- E-mail – 6
- E-mail from a friend
- Friends/email
- Friends
- Network
- Bob Hooper
- BBMS
- Jose Lam
- Harris Centre
- MUN ads
- Google
- Internet/networks

Age Group:

30 and under – 38%

Between 31 and 54 – 34%

55 and over – 28%

APPENDIX D

List of Memorial University Projects in Western Newfoundland (completed in last 5 years)

This list is not exhaustive, and most of these projects are from Yaffle (www.yaffle.ca). Visit Yaffle to explore Memorial’s current projects and opportunities, along with the research interests and expertise of Memorial’s faculty, students and staff. You can also use Yaffle to enter your own project ideas.

Lead Investigator(s)	Project Title
Janice Esther Tulk, Folklore	“Hum on the Humber”: Industrialization, Shifting Local Soundscapes, and Expressive Culture in Western Newfoundland
Various Professors, Biology & Bonne Bay Marine Station	Academic Programming - Bonne Bay Marine Station – Semester by the Sea
Edwin Bezzina, Historical Studies, Grenfell	After the Wars of Religion: Protestant-Catholic Accommodation in the French Town of Loudun, 1598-1685
D. Deibel, Ocean Sciences Centre	The Application of In Situ Video Technology to Plankton Ecology
Sonya Corbin Dwyer and Jennifer L. Buckle, Psychology, Grenfell; Fergus J. Hogan, Waterford Institute of Technology, Ireland; Noella A. Piquette-Tomei, Education, University of Lethbridge	Behind the Mask: A Symposium on Women Problem Gamblers
Robert Hooper, Biology	Biodiversity: More than Fish in the Sea
Bonne Bay Marine Station, Memorial University	Bonne Bay Discovery Tour
James Baker, Sociology	Building an Inclusive Society: Post-Secondary Youth Perspectives on Immigration, Multiculturalism and Racism in Newfoundland and Labrador
Geoff Rayner-Canham, Chemistry, Grenfell	Chemistry Is Everywhere!
C. Michael Wernerheim, Department of Economics	Commercial Forestry at a Cross-Roads: Emerging Trends in the Forest Sector of Newfoundland and Labrador
Pierre N. LeBlanc, Visual Arts, Grenfell	Community - University Research for Recovery Alliance (CURRA) Fish Plant Photography Component
Barbara Neis, Sociology	Community-University Research for Recovery Alliance (CURRA)
Ratana Chuenpagdee and Ahmed Khan, Geography	Community-University Research for Recovery Alliance (CURRA): Governance Sub-Component
Marshall Godwin, Medicine	The Conventional vs. Automatic Measurement of Blood Pressure in the Office Study or CAMBO
Marlene MacCallum, Visual Arts, Grenfell	Creating the Visual Book Through Integration of the Divergent Technologies of Photogravure and Digital Processes - The Sequential Imaging Laboratory
The Harris Centre and Gardiner	E-Marketing Workshops in Regional Economic Zones 8, 9, 14,

Centre	18, and 19
Olga Heath, Counselling Centre	Eating Disorders Interprofessional Community Capacity Building (EDICCB) Project
S. Kirk, Dalhousie University and IWK Health Centre	Effective Non-clinical Interventions to Prevent and Treat Childhood Overweight and Obesity in Newfoundland and Labrador
Erin Kelly, Environmental Policy Institute, Grenfell	Experiments in Rural Development and Ecosystem-based Management: the Possibilities of Community Forestry in Newfoundland
Anne Marie Sullivan, Kathleen Ring and Savanna Harris, Human Kinetics and Recreation	Exploring the Meaning of 'Welcoming Communities' for Immigrants in Newfoundland and Labrador
Katie Temple and Angela Carter, Environmental Policy Institute, Grenfell	Fostering Sustainable Food Systems in Newfoundland: A Case Study of the West Coast Farmers' Market
James C. Butler, Philosophy	A Grounded Theory Study of Identity Construction by the Mi'kmaq of Newfoundland: Still Colonized?
Lauren Rae, Cognitive and Behavioural Ecology Program	The Impacts of Browsing by Hyper-Abundant Moose on Forest Birds in Gros Morne National Park
Allison Eaton, Bonne Bay Marine Station	Interactive Aquarium Tours – Bonne Bay Marine Station
Julia R. Pantin, Biology	Lobster Abundance and Egg Production in Relation to Substrate Rugosity in Bonne Bay, Newfoundland
Robert Hooper, Bonne Bay Marine Station; Kara Rogers, M.Sc. Candidate, Memorial University; Gerry Ennis, Department of Fisheries and Oceans; Julia Pantin, Department of Biology	Lobsters and Fishers in Bonne Bay
Rob Greenwood, Harris Centre	Local Governance, Creativity and Regional Development in Newfoundland and Labrador: Lessons for Policy and Practice from Two Projects; Celtic Rendezvous, Bauline East, Irish Loop, Newfoundland and Labrador, June 10 th - 12th, 2010
Janice Esther Tulk, Mi'kmaq College Institute, Cape Breton University	Mi'kmaw Traditional Knowledge Mobilization: A Project to Index and Digitize Interviews from the West Coast of Newfoundland
Michael Newton, Religious Studies, Grenfell	Mindfulness for University Students
Rodolphe Devillers, Geography	Multiple-Criteria Approach to Support Integrated Land Management within the Humber River Basin, Newfoundland
Jose Lam, Business, Grenfell	Networks for Business Innovation (Corner Brook)
D. Deibel, Ocean Sciences Centre	Non-native and Invasive Species in Newfoundland Harbours and Coastal Waters
Sarah Minnes, Environmental Policy Institute, Grenfell	Ode to Water Event
Erin Kelly, Environmental Policy	Pathways and Challenges to Reinventing Forestry in

Institute, Grenfell	Newfoundland
Mark CJ Stoddart, Sociology	Puffins, Kayaks and Oil Rigs: Shifting Modes of Society-Environment Interaction on the Newfoundland Coast
Ronald Rompkey, English Language and Literature	Reports of the French Consul, 1885-1903
S. Bornstein, NLCAHR	The Reprocessing and Reuse of Single-Use Medical Devices in Newfoundland and Labrador
Cathy Whiffen, Biology	Reproductive Potential of V-Notched American Lobsters (<i>Homarus americanus</i>) in Newfoundland: Does V-Notching Work?
Peter Cornish, Counselling Centre	Rural Mental Health Interprofessional Training Project
Nicole Power, Sociology	Rural Youth and the Quality of Work
Sandra MacRae, Sociology	Rural Youth: Identity and Perceptions of Work
Robert Shea and Diana Leadbeater, Education	Single Parents and Barriers to University Persistence
Rob Greenwood, Harris Centre	The Social Dynamics of Economic Performance: Innovation and Creativity in City-Regions; Newfoundland and Labrador Project Preliminary Findings - St. John's, Clarenville, Corner Brook and Labrador West. A Workshop Held February 18 - 19, 2010
Rob Greenwood, Harris Centre	Social Dynamics of Economic Performance: Innovation and Creativity in the St. John's City-Region and in Smaller Urban Regions in Newfoundland and Labrador
Kim Olson, Department of Geography and International Coastal Network	Step Zero to Marine Conservation: Driving Factors of Fishery Closures in Newfoundland and Labrador
Atanu Sarkar, Community Health and Humanities, Medicine; Mano Krishnapillai, Environmental Science, Grenfell; and James Valcour, Division of Community Health and Humanities, Medicine	A Study of Groundwater Quality of Private Wells in Western Newfoundland
Paula Didham, Western Regional School of Nursing	A Study to Assess the Health Needs and Learning Preferences of the College Student Aggregate at Sir Wilfred Grenfell College (SWG), Corner Brook, NL
Holly Pike, Shoshana Ganz, Adam Beardsworth, Grenfell Campus; Robert Scott, Bonne Bay Marine Station	Symposium on Publishing in the Digital Age
Larry Felt, Sociology	A Tale of Two Towns: Municipal Agency and Socio-Economic Development in Akureyri, Iceland and Corner Brook, Newfoundland
Pam Hall, Memorial University	Towards an Encyclopedia of Local Knowledge
Allison Eaton, Bonne Bay Marine Station	Trading Books for Boats in Bonne Bay
Rainer Baehre, Historical Studies and Social Cultural Studies, Grenfell	Whose Pine-Clad Hills: Forest Rights and Access in Newfoundland and Labrador's History
Christine Campbell, Environmental	Zooplankton Diversity and Food Web Dynamics in St. Paul's

Science, Grenfell	Inlet, Gros Morne National Park, Western Newfoundland
Rob Greenwood and Candice Pike with Wade Kearley, Harris Centre	A Commitment to Place: The Social Foundations of Innovation in Newfoundland and Labrador
Kelly Vodden, Environmental Policy Institute, Grenfell; Ratana Chuenpagdee, Geography; Emily Thomas, University of Prince Edward Island; and Maureen Woodrow, OMRN, University of Ottawa	Fishing Policies and Island Community Development: Case Studies in Newfoundland and Labrador
S. Kirk, Dalhousie University and IWK Health Centre	Effective Non-clinical Interventions to Prevent and Treat Childhood Overweight and Obesity in Newfoundland and Labrador