

MMM Class of 2007-2008

The 07-08 MMM class are currently engaged in their internship placements at various agencies. This year, internships are being conducted in New York City, Washington State, British Columbia, Barbados and Ottawa as well as Halifax.

Marco Boccia

Marco's internship placement will be with the Division of Ocean Affairs and Law of the Sea of the Office of Legal Affairs (DOALOS) of the United Nations in New York, USA.



Over a period of 6 months, he will be involved with identifying sources of

funds from developed countries and international organizations (global or regional) that are available to assist developing countries with capacity building in conservation and management of their fisheries resources; emphasis will be on sustainable fisheries systems and the importance of a regional perspective in small and large-scale decision-making regarding the fishery resources. He will also be involved in the preparation of the 9th UNICPOLOS meeting (http://www.un.org/Depts/los/consultative_process/consultative_process.htm) which will focus on Maritime Security and Safety. The written component of his Graduate Project will analyze the legislation of Regional Fisheries Management Organizations (RFMOs), taking into account the fact that conflict of interest among member agencies is

considered to be a key problem in implementing a regional framework. David VanderZwaag, Law, is the academic supervisor to Marco.

Laura Tabet

Laura was the successful applicant of the AUCC Student Development Program 2008. Laura is based in Bridgetown, Barbados where she will work on two closely related projects that involve collaboration between UWI/CERMES and the CRFM (CARICOM Regional Fisheries Mechanism): (1) Marine Resource Governance in the Eastern Caribbean (MarGov) Project and (2) Development of Caribbean Network of Fisherfolk Organizations (FFO) Project. Both projects focus on institutional capacity building of regional, national and local level fisher folk groups to increase income earnings while sustaining the resources. The emphasis is on using communication and network-building tools to determine the levels of interaction among the FFOs at different levels and to test the appropriateness of a governance model to enhance FFOs involvement in decisions affecting the resources. Lucia Fanning will serve as the academic supervisor to Laura.



Chris Burbidge

Chris is interning with the Nova Scotia Department of Fisheries and Aquaculture. He will be working on coastal management issues and

assisting with the plan for Oceans Day activities on the Halifax Waterfront. The aim of his graduate project is to contribute to a sustainable coastal development strategy for Nova Scotia. It will focus on managing coastal land use and development to mitigate coastal hazard and erosion risk in the province. Lucia Fanning is the academic supervisor for Chris.

Jennifer Cavanagh

Jen Cavanagh is working closely with Christopher Taggart, her academic supervisor, in the Oceanography Department at Dalhousie on Jen's internship and graduate paper. The focus is on the North Atlantic right whale (*Eubalaena glacialis*), a critically endangered species. Her graduate paper will address options on how to protect the right whale from ship collisions in their habitats and migration path along the eastern coast of North America.

Nancy Deschu

Nancy will be examining the topic of "Species that Depend on Land and Sea: Ecological Connectivity and Jurisdictional Fragmentation". Her internship placement will be at the University of Washington, School of Marine Affairs where she will work on how her graduate project fits into regional governance and planning. Heike Lotze, Biology, is Nancy's academic supervisor.

Drummond Fraser

Drummond's graduate project will address the feasibility of employing Particularly Sensitive Sea Area (PSSA) designation in the Canadian Arctic as a tool to manage the environmental impacts of shipping activity. To complement this, he will be interning with Transport Canada's Marine Safety Division, specifically in the area of Special Projects and

Arctic Shipping. Dick Hodgson, MAP, is the academic supervisor for Drummond.

Robert Gillis

Robert's internship and graduate project will focus on the disposal of oily waste at port facilities. During his internship at the Port of Halifax, Robert will examine the issues surrounding the reception and disposal of oily waste, garbage and sewage for the Port of Halifax and how the Port can attain the Green Port designation. Robert's academic supervisor is Ray Côté, SRES.

Aimee Gromack

Aimee's graduate project will focus on the opportunities and challenges of designating coastal marine protected areas (MPAs) in Nova Scotia. She will prepare a report on the protected area legislation in NS and the opportunities for collaboration with the provincial and federal governments for MPAs designation. The report will be an integral part of her graduate paper. A second internship will be at the Canadian Parks and Wilderness Society (CPAWS), where Aimee will contribute to their marine conservation initiatives through research and event planning. Chris Miller, CPAWS, will be the academic supervisor for Aimee.

Heather Joyce

The Canadian Coast Guard Headquarters in Ottawa will host Heather as she looks into where the CCG may go in the future. The time spent at HQ will provide a national perspective in comparison to a regional one. Jim Calvesbert, MAP, is the academic supervisor for Heather.

Pat Hinch

Pat will be spending her internship placement with the NS Department of Energy where she will be conducting research on appropriate socio-economic and environmental indicators for use in the assessment of impacts of tidal in-stream energy development in Nova Scotia. Pat's academic supervisor is Peter Wells, MAP Adjunct Professor.

Owen McHugh

Offshore oil and gas is regulated differently between regions in Canada. The expected opening of the Beaufort Sea area via the Mackenzie gas project will test the management regime currently in place in the Arctic. To better understand if a joint management approach similar to the CNSOPB (Canada-NS Offshore Petroleum Board) could be used in the Beaufort offshore a summer intern position at the CNSOPB will be completed to develop a greater appreciation for the actual running of this model. Jerome Davis, Political Science, is Owen's academic supervisor.

Jennifer Reimer

Jennifer has chosen an internship with the Raincoast Organization of British Columbia. She will be conducting marine mammal and marine bird surveys to gain an accurate depiction of abundance and distribution of these species. The results of this baseline data will be useful in providing evidence for the need to protect marine mammals and birds. Her graduate project will focus on investigating the process of establishing marine and coastal protection for marine birds via Environment Canada's responsibility to establish marine protected areas under SARA. Deborah Austin, Parks Canada, will be Jennifer's academic supervisor.

International Youth Internship Program (IYIP)

Dalhousie University and the Marine Affairs Program have been awarded 6 internship placements in the CIDA International Youth Internship Program conditional upon the signing of a contribution agreement. CIDA's International Youth Internship Program is an employment program for young Canadian professional (ages 19-30 inclusive). It offers post-secondary graduates the opportunity to gain valuable international development work experience. The internship placements with the Marine Affairs Program are:

- ❖ Communications Assistant (Barbados)
- ❖ Monitoring and Reporting

Systems (MRS) Assistant (Barbados)

- ❖ Marine Protected Areas (MPA) Management Plan Assistant (Grenada)
- ❖ Global Ocean Observing System Assistant (Colombia)
- ❖ Integrated Coastal Area Management Assistant (Colombia)
- ❖ Training and Capacity Building Assistant (Colombia)

The application process has concluded. The interns will be announced shortly. More information on these IYIP opportunities can be found on the MAP website at <http://marineaffairsprogram.dal.ca/IYIP%20Internship%20Program/index.php>

PROGOVNET

'Strengthening Principled Ocean Governance Networks – Transferring Lessons From the Caribbean to the Wider Ocean Governance Community (PROGOVNET)'

Through the funding of the Nippon Foundation, PROGOVNET is well underway. The Steering Committee of PROGOVNET met in Barbados in early March to prepare the Implementation Plan for the 2 year project. The members of the Steering Committee are: Dr. Lucia Fanning, MAP Director and Chair of the PROGOVNET Steering Committee; Dr. Robert Fournier, MAP; Dr. David VanderZwaag, Marine & Environmental Law Institute (MELI); Dr. Michael Butler, International Ocean Institute – Canada (IOI); and Dr. Robin Mahon, Centre for Resource Management and Environmental Studies (CERMES), University of the West Indies. In order to formalize the institution-to-institution linkage that is deemed critical for the long-term building of networking between Dalhousie and the Cavehill Campus at UWI, a Memorandum of Understanding (MOU) was developed and signed at the highest levels of the two institutions. The MOU establishes the working relationship and responsibilities of the parties, formalizing a process for collaboration on PROGOVNET.

Immediately following the meeting, announcements regarding the scholarship opportunities supported by PROGOVNET were distributed through various channels. In 2008, PROGOVNET will provide scholarships for 3 graduate students at Dalhousie, one at the University of the West Indies and 3 for participants of the International Ocean Institute (IOI) Summer Training Program Ocean Governance, Policy Law and Management. The IOI Summer training participants are:

- ❖ **Dr Diego L. Gil-Agudelo**, Coordinator, Conservation Biology and Strategies, Instituto de Investigaciones Marinas y Costeras, Colombia;
- ❖ **Mr Soereschandre Kalpoe**, Deputy Director, Fisheries Department, Ministry of Agriculture, Suriname;
- ❖ **Ms Elizabeth Thorne**, Research Assistant, Sustainable Development Unit, UN Economic Commission for Latin America & the Caribbean, Trinidad & Tobago

The recipients of the 2008 graduate level scholarships will be announced shortly.

MAP Welcomes Nippon Fellows

In January's *MAP Matters* the anticipated arrival of Dr. Asha Singh, this year's successful Nippon Fellowship applicant, was announced. On April 17, 2008, a reception was held to welcome her to MAP as well as Ms. Nopparat Nasuchon, the Nippon Fellow from Thailand working with Dr. Tony Charles at Saint Mary's University.



Conference News

Liz Wilson (MMM Class 2006-07) and Interdisciplinary PhD candidate attended **Resilience 2008, Resilience, Adaptation and Transformation in Turbulent times: International Science and Policy Conference**, in Stockholm Sweden from April 14th – 17th. The aim and vision of the conference was to bring together scientists working with the complex dynamics of interconnected social-ecological systems and to present, discuss and if possible summarize the current understanding of resilience, adaptability and pathways of transformation in such systems. Representatives from government, business and other major actors were invited to discuss the challenges facing societal development and together with scientists propose direction to go and pathways to avoid. Liz's participation at the conference was supported by the Coastal CURA Project.

Lucia Fanning attended the **4th Global Conference on Oceans, Coasts and Islands** in Hanoi, April 7-11, 2008. The conference, entitled "Advancing Ecosystem Management and Integrated Coastal and Ocean Management in the Context of Climate Change" focused policy attention on marine-related issues both within national jurisdiction and the 64% of the ocean considered as "high seas". Additional information on the conference deliberations can be found at

<http://www.thew2o.net/goc2008/>



In September of 2007, Sophia Foley (MMM class 2005-06) attended the **5th International Coastal and for Marine Tourism Congress** in Auckland, New Zealand. She presented a working paper,

developed from her Graduate Project, entitled *The Sustainable Development of the Whale Watching Industry: A Case Study Approach*. This paper is co-authored by Dr. Marian Binkley, faculty member of the Department of Sociology and Social Anthropology at Dalhousie. "The guests were welcomed by a traditional Maori ceremony. A truly unique experience."



Dick Hodgson attended the **Connecticut Maritime Association's International Shipping and Trade** conference, on March 17-19 in Stamford, CT. This three day conference, attended by a wide cross-section of the world's ship-owners, ship-operators, associated industries and regulators, took stock of the current health of the international marine transportation industry, at a time when there is not only considerable turbulence in the world's financial markets, but also close scrutiny of the industry with respect to such aspects as security and impact on the environment.

Workshop News

Sustainability of MCISur (Integrated Coastal Management - South), Feb 27 -Mar 1, 2008, Montevideo, Uruguay. The purpose was to identify areas for sustainability of the programme, focusing on the master's degree program, regional collaboration, developing a coastal research centre and fostering linkages with other regional coastal and ocean management networks.

Robert Fournier, Director of the project chaired the workshop which was also attended by Lucia Fanning, Aldo Chircop (Law) and Larry Hildebrand, Environment Canada and MAP.

Caribbean Sea Workshop: Identifying Research Priorities and Data Gaps.

Mar 10-11, 2008, Port of Spain, Trinidad and Tobago The purpose was to identify research priorities and areas of knowledge needed in assisting the Caribbean Sea Commission of the Association of American States to develop the scientific arguments in support of the UN General Assembly Resolution. The Resolution is aimed at having the Caribbean Sea declared a special area based on its importance to the sustainable development of the 26 countries and 19 territories comprising the Wider Caribbean Region.

Northern Shipping Policy Forum.

May 6- 7, 2008, Edmonton Alberta Jim Calvesbert, a MAP alumnus (2001) and lecturer in the Marine Affairs Program, participated in this forum which was organized by Transport Canada with a goal of "highlighting the existing and potential role of the northern marine commercial shipping sector in national and regional prosperity, economic efficiency, competitiveness and environmental sustainability". In an afternoon panel discussion on day one of the forum, Jim addressed the issue of sustainable shipping in Northern waters through a presentation based on an Arctic Shipping Impact Assessment Scoping Study which was undertaken for Transport Canada by Dick Hodgson, adjunct professor of MAP, Jim, and Marina Winterbottom who is also a MAP alumnus. See the MAP Research Section for further information.

MAP News

MAP is pleased to welcome Heather Frausell to the very busy offices of the Director and Administrator. Heather joined MAP in the fall of 2007 on a temporary basis. Since the inception of the PROGOVNET

project, Heather's main responsibility will be to support the project on a half time basis. Heather has become an integral part of the team and we are pleased that she has joined us. Heather can be reached at mapadmin@dal.ca or 902-494-7467.



Congratulations to Christine Penney and Rodrigo Menafrá who celebrated their wedding on March 16th, 2008 in Punta del Este, Uruguay. Both Christine and Rodrigo are MMM alumni of the 1999-2000 MMM class.



Rodrigo can also be congratulated on the publication, *Menafrá R Rodríguez-Gallego L Scarabino F & D Conde (eds) 2006 Basis for the conservation and management of the Uruguayan coast. VIDA SILVESTRE URUGUAY, Montevideo. i-xiv+668pp*

World Maritime University Visitors

On May 7th, MAP hosted Neil Bellefontaine, MMM Alumnus 1998 and WMU professor, along with 10 students in the Marine Environment and Ocean Management Program. They spent the week in Nova Scotia visiting institutions and agencies involved with marine affairs.

MAP Research

Arctic Shipping Impact Study (ASIA)
The final report of the Arctic Shipping Impact Study (ASIA) has been completed and submitted to the Sustainable Development division of the Environmental Policy group of Transport Canada where it was well received. Dick Hodgson gave a presentation of the project to members of the Environmental Policy group in late March. This study had as its objective to examine the anticipated environmental, economic and social impacts of future shipping activities in the Canadian Arctic as well as the consequences for the governance arrangements necessary to address these impacts. For further information or a copy of the report, contact marine.affairs@dal.ca.

MAP Events

The Joint Speaker Series on Polar Governance wrapped up with the final presentation of the winter academic term on March 11. Stuart Kaye, Professor at the Melbourne Law School, University of Melbourne, Australia gave a presentation on **Antarctica and Maritime Claims: The Art of Jurisdictional Illusion.**

On April 23, 2008, Dr. Asha Singh, Nippon Fellow, gave a seminar on **The State of the Caribbean Sea: A Small Island Developing State (SIDS) Perspective.**

As part of the PROGOVNET Project, Patrick McConney, Senior Lecturer, CERMES, UWI Cave Hill, will present a seminar on **Networks in Fisheries Governance** on June 19 at 4:30 PM, Room 1016 of the Management Building at Dalhousie. All are welcome.

MAP Matters is the newsletter of the Marine Affairs Program, Faculty of Management, Dalhousie University. Feel free to distribute to your colleagues worldwide. We welcome your input and contributions. Please send news along with photos of your current activities to:

Marine Affairs Program
Marine.affairs@dal.ca
Phone 902-494-3555
FAX 902-494-1001
www.marineaffairsprogram.dal.ca