Aboriginal Vision Committee Working Group
Carleton University Researchers Involved in Aboriginal Research
(as of May 21, 2009)

Summary of Data Collection
These data were collected on the basis of combining information derived from 3 sources:
1) A list of faculty who attended the Aboriginal Studies and Research Partners Luncheon on October 31, 2007 which was hosted by the Vice-President (Research and International);
2) A list of faculty conducting Aboriginal research was provided to the Working Group by a committee member; and
3) A Carleton University media release entitled “Carleton University celebrates the 10th Anniversary of Nunavut.”, provided a listing of researchers conducting work in Northern Regions that may constitute either physical or social research that impacts on the lives of Aboriginal communities.

Summary by Faculty and Department
Total number of faculty listed 36.

FASS 24
Canadian Studies 3
English 2
Geography 7
History 2
Psychology 1
SLALS 1
Sociology/Anthropology 4
SSAC: Art History 2
SSAC: Music 2

FPA 7
Journalism 1
Law 1
Political Science 1
Public Policy &Admin 4

SCI 4
Biology 2
Earth Sciences 1
Biology/Earth Sciences 1

ENG 1
Information Technology 1
1) Frances Abele, Public Policy and Admin, FPA

Research Description: Dr. Abele has written extensively on federal northern policy and administration for more than two decades, looking at topics such as improving northern administration, employment and training programs for Indigenous people in the Northwest Territories, and the relationship between non-renewable resource development, political development, and social well-being. She has also been actively involved in the design and implementation of Carleton’s Certificate in Nunavut Public Service Studies. Dr. Abele is the former president of the Association of Canadian Universities for Northern Studies, a non-governmental organization with 39 member universities and colleges, including Carleton. As part of a network of northern and southern scholars, she is leading a research project on the state and the social economy in the North.

2) Claudio Aporta, Sociology/Anthropology, FASS

Research Description: Dr. Aporta is the principal researcher of an International Polar Year project that is investigating and mapping sea ice in collaboration with several Inuit communities in order to understand the local/regional importance of sea ice, the hazards associated with sea ice travel and the nature of sea ice changes as they affect community life. He is also researching the use of multimedia and new cartographic technologies to represent Inuit navigation techniques.

3) Ali Arya, Information Technology, ENG

Research Description: Dr. Arya works in Carleton School of Information Technology, Interactive Media Group (iMG). Interactivity in Multimedia Systems is the key concept in his research. This makes him interested in a variety of research areas from graphics to cognition. Virtual Characters and intelligent environments for creating human behaviours form a major part of his research. Some examples of his current projects and research interests are: Interactive Facial Animation - Comprehensive Environment (iFACE); Procedural Animation for Human Behaviours, and Virtual Environment for Analysis and Synthesis of Native Dance (Virtual Pow-wow).

4) Chris Burn, Geography and Envir., FASS

Research Description: Dr. Burn is a renowned expert on the impact of climate change on permafrost. He divides his research efforts between sites near Mayo, in central Yukon, and the Mackenzie Delta area. Last fall, he participated in a two-week Arctic expedition as part of an international climate change awareness program called the Cape Farewell Youth Expedition.

5) Tullio Caputo, Sociology/Anthropology, FASS

Research Description: Criminology, juvenile justice, the sociology of law, environmental law; work and organizations, the labour process, industrial sociology, worker resistance, and worker alienation.

6) Sean Carey, Geography and Envir., FASS

Research Description: Dr. Carey researches hydrology and water cycling in the Canadian Arctic and subarctic to analyze issues such as the human impact on permafrost hydrology.

7) Jeff Dawson, Biology, SCI
Research Description: Dr. Dawson teaches a course called Adaptations to Extreme Environments which explores topics such as why diving seals can go to such extreme depths, why polar bears have white fur and how penguins keep their eggs warm on the ice.

8) David Dean  
History, FASS

Research Description: Political culture in late Elizabethan and early Stuart England, Early modernity in film, Museums and national identity

9) Jane Dickson-Gilmour  
Law, FPA

Research Description: First Nations and Citizenship/Membership, Criminology, Dispute Resolution/Restorative Justice, First Nations and Traditional Justice.

10) Nancy Doubleday  
Geography and Envir., FASS

Research Description: Visual Studies: Nature, Culture and Environment, Territory, land use and common property, Cultural and biological diversity and identity, Paleoecology and combustion particles, environmental health, regulation and environmental education, traditional/local ecological knowledge and indigenous rights, international environmental law, impact assessment and decision-making, adaptive co-management, the Arctic Region, arctic contaminants, sovereignty and international environmental regimes

11) Parker Duchemin  
English Language and Literature, FASS

Research Description: Atlantic Canadian Literature, Native Literature

12) Mark Forbes  
Biology, SCI

Research Description: One of Dr. Forbes’ doctoral students is studying how patterns of parental care in five species of Arctic breeding shorebirds relates to nest depredation, during, or following, high vole years. Dr. Forbes is investigating how an outbreak of avian cholera is affecting the colony dynamics of breeding seabirds with collaborators at the National Wildlife Research Centre, co-located on Carleton’s campus. Recently, he and a doctoral student undertook studies on contaminants and parasitism in high Arctic seabirds and another student, who is from Iqaluit, is examining fatty acids and pollutant signatures in seabird eggs to ascertain pathways of contamination.

13) Fred Goodwin  
History, FASS

Research Description: Dr. Goodwin is an expert on U.S. politics and has taught courses on African-American history.

14) Katherine Graham  
Public Policy and Admin, FPA

Research Description: Katherine Graham is currently serving as Dean of the Faculty of Public Affairs. Her research interests concern urban and local governance, Aboriginal and northern development policy and institutional reform in government. She is currently examining the federal role in urban policy. She is also serving as Senior Local Government Advisor on two international development projects — a
project on district capacity-building in northern Ghana and a project focusing on capacity-building and the reform of provincial planning processes in two provinces in Vietnam.

15) Anna Hoefnagels  
**SSAC: Music, FASS**

Research Description: Anna Hoefnagels is an ethnomusicologist specializing in First Nations music, the music of Canada, and music and gender. Her research has focused on powwow traditions in Southwestern Ontario First Nation communities and her current research examines gender politics at powwows in various regions in Canada with a specific focus on the restrictions placed on female musicians. Her theoretical interests include issues of tradition, identity, gender, and regionalism. She has presented papers at the British Forum for Ethnomusicology, the Society for Ethnomusicology, the Folklore Studies Association of Canada, the Canadian University Music Society, the Canadian Society for Traditional Music, among others. She has also published in the Canadian Journal for Traditional Music, Ethnologies and World of Music. Before joining the School in 2005, she was Assistant Professor of Music at Augustana Faculty, University of Alberta from 2001-2005 and she also taught at York University. She currently teaches courses in ethnomusicology, Canadian music and the music of Canada’s First Peoples.

16) Elyn Humphreys  
**Geography and Envir., FASS**

Research Description: Dr. Humphreys researches the impact of climate change on the carbon cycle of Canadian Arctic tundra ecosystems.

17) Radha Jhappan  
**Political Science, FPA**

Research Description: Dr. Jhappan was educated at Oxford University, and received her doctorate from the University of British Columbia. She has published in the areas of indigenous peoples’ politics and law, Canadian socio-political history, constitutional law and politics, the Charter of Rights and Freedoms, race and gender in feminist theory, and feminist legal theory and litigation strategies. She is currently pursuing two research projects. The first is a monograph on theories of justice and culture; the second is a three-year project on the sexualization of children in popular culture.

18) Elaine Keillor  
**SSAC: Music, FASS**

Research Description: Dr. Keillor is a renowned Canadian expert on Aboriginal drumming, dance, music and web-based learning. Her latest project is a role-playing video game called On the Path of the Elders that assists Aboriginal youth in maintaining their cultural identity.

19) Katharine Kelly  
**Sociology/Anthropology, FASS**

Research Description: Canadian society; violence against women; youth in conflict with the law. Current research projects on sexual assault, women and violence.

20) Gita Laidler  
**Geography and Envir., FASS**

Research Description: Dr. Laidler is building on her previous five years of collaborative sea ice research with the communities of Cape Dorset, Igloolik and Pangnirtung, Nunavut. She is contributing to Claudio Aporta’s research project that documents and maps Inuit knowledge of sea ice processes, uses and changes as experienced by Inuit experts and other community members. In a second project, led by
Fraser Taylor, she is working with the high school in Pangnirtung to explore the use of interactive multimedia to incorporate Inuit knowledge, Inuktitut language and geographic learning into the classroom. She is also teaching a course entitled Northern Lands.

21) Eva Mackey    Canadian Studies, FASS

Research Description: My research and teaching interests include the politics of culture, identity, nation, race, rights, representation, and history within the context of colonial/national/global processes. My key research questions concern the limits and possibilities of modernity and liberalism regarding cultural difference and governance. Specific projects have examined multiculturalism, national identity and the politics of culture in Canada; contests about race and representation in Canada; and Aboriginal rights and "backlash" in settler nations. A current project examines human rights and conflict over land and property in settler nations.

22) Alan Maslove    Public Policy and Admin, FPA

Research Description: Budgets and tax policy, Health policy,

23) Kim Matheson    Psychology, FASS

Research Description: Research in the Social Diversity Lab concerns the processes involved when we define ourselves in terms of our social group memberships. Our most recent focus is on the role of social support in group members' sense of self-worth, and in the development of norms for how group members should think and behave. Social support is regarded as a central to coping with stressful events. This may be particularly true of members of stigmatized groups, in that stigma itself may be the basis of daily hassles and traumatic events. Thus, support from other members of the group may form the first step in coming to feel good about belonging to a group, despite what the rest of society thinks. Alternatively, these groups may also establish a defensive environment that serves to isolate group members from access to opportunities that would otherwise enhance their status. Our research looks at coping mechanisms to deal with various events, including women's responses to abuse from intimate partners, women's responses to sexual harassment, coping with the daily hassles associated with discrimination among visible minorities, and dealing with the multiple sources of distress associated with financial strains. To assess the processes involved in how social support plays a role in establishing group norms, we have also been conducting experiments to look at responses to differences in opinions on group-relevant issues, and how contextual goals affect group members' openness to incorporating such differences, and how this translates into attitudes and actions.

24) John Medicine Horse Kelly (Clealls)    Journalism, FPA

Research Description: Revitalization of Aboriginal Languages and Cultures: The Foundations for Good Governance, Good health and Good Relations

25) Fred Michel    Earth Sciences, SCI

Research Description: Dr. Michel has spent over 30 years working in the Canadian and west Siberian Arctic. His research examines the origin and formation of different types of ground ice in permafrost and, associated with glaciation, changing climatic conditions since the last ice age and the influence of permafrost on groundwater flow regimes.
<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Department</th>
<th>Research Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>26)</td>
<td>Marie Odile-Junker</td>
<td>SLALS, FASS</td>
<td>Research Description: Theoretical and General Linguistics; Cognitive Semantics; Language documentation and description; French and Aboriginal languages (Cree); Women and Language; Information technology applied to language teaching and preservation; Participatory Action Research</td>
</tr>
<tr>
<td>27)</td>
<td>Donna Patrick</td>
<td>Canadian Studies, FASS</td>
<td>Research Description: Dr. Patrick is the Graduate Supervisor in the School of Canadian Studies, where a number of students are working on issues relating to Arctic sovereignty, land use and indigenous knowledge, Inuit languages and literacy and technological interventions in Arctic communities. She is working on a collaborative research project on urban Inuit literacy in Ottawa. She has written extensively on Inuit languages and the political and economic dimensions of language policy, education and language use.</td>
</tr>
<tr>
<td>28)</td>
<td>Carole Payne</td>
<td>SSAC: Art History, FASS</td>
<td>Research Description: Dr. Payne is working with youth from the Inuit training program, Nunavut Sivuniksavut in a current collaborative research project. Students from this eight-month program are engaged as research assistants to conduct interviews with elders about archival photographs depicting Nunavut in the 1950s and 1960s. By returning these photographs to the communities they depict, the project helps to rebuild Inuit cultural memory and intergenerational connections.</td>
</tr>
<tr>
<td>29)</td>
<td>Ruth Phillips</td>
<td>SSAC: Art History, FASS</td>
<td>Research Description: Dr. Ruth Phillips researches visual and material culture as aspects of larger processes of culture contact and colonization in order to contribute to the development of new approaches to museological and academic representations of First Nations art.</td>
</tr>
<tr>
<td>30)</td>
<td>Michael Pisaric</td>
<td>Geography and Envir., FASS</td>
<td>Research Description: Dr. Pisaric’s research focuses on the impact of climate change on northern ecosystems. He is chair of Carleton’s Northern Science Training Program (<a href="http://www.aincinac.gc.ca/nth/st/nstp/index-eng.asp">http://www.aincinac.gc.ca/nth/st/nstp/index-eng.asp</a>) and is also Carleton’s representative for the Association of Canadian Universities for Northern Studies (ACUNS) (<a href="http://www.acuns.ca/">http://www.acuns.ca/</a>).</td>
</tr>
<tr>
<td>31)</td>
<td>Armand Ruffo</td>
<td>English Language and Literature, FASS</td>
<td>Research Description: Aboriginal Cultures and Literatures; Canadian Literature; Creative Writing</td>
</tr>
<tr>
<td>32)</td>
<td>Alan Ryan</td>
<td>Canadian Studies, FASS</td>
<td>Research Description: To increase the profile of Aboriginal artists, issues, and cultural expression</td>
</tr>
<tr>
<td>33)</td>
<td>Natalia Rybczynski</td>
<td>Biology/Earth Sciences, SCI</td>
<td>Research Description: Fossil deposits in the high Arctic offer enormous opportunities to investigate past ecosystems and climate. Dr. Rybczynski’s research focuses on fossil evidence from before the last Ice Age when Arctic climate was forested and much warmer than present. She is currently supervising two</td>
</tr>
</tbody>
</table>
Carleton University students who are studying the fossil remains of extinct mammals from the Arctic, including an ancient near-relative of a rabbit and a new carnivore.

34) Stephan Schott  
Public Policy and Admin, FPA

Research Description: Dr. Schott is an expert on common pool resource management and sharing mechanisms. He researches the impact of changes in sharing rules on wildlife stocks, social stability and cultural identity in Nunavut as well as economic development options for the North. Dr. Schott has also taught an introductory course in economics to public servants of the Government of Nunavut.

35) Derek Smith  
Sociology/Anthropology, FASS

Research Description: My research interests revolve around the use and conservation of natural resources by indigenous and other rural peoples living in rain forest regions of Central America and Mexico. As a geographer, I am particularly interested in the interface between culture and ecology, the spatial patterns of plant and animal use, and how land tenure affects land use practices and forest conservation. Participatory mapping that includes trained local investigators has been a core element of this research. Closely related interests include ethnobiology, local geographic knowledge, and ethnogeography. In addition, a new research project has been initiated focusing on local knowledge of coastal environments in fishing communities of Newfoundland.

36) Fraser Taylor  
Geography and Envir., FASS

Research Description: Dr. Taylor is the director of the Geomatics and Cartographic Research Centre (GCRC) at Carleton. The GCRC is developing a number of projects in the Canadian Arctic through collaboration with several Inuit communities, Inuit organizations, and the Government of Nunavut that are all based on the idea of cybercartography. For example, Arctic Bay students, educators and community members are incorporating traditional Inuktitut place names (and their meanings) with audio and video clips to develop the Cybercartographic Atlas of Arctic Bay. Similarly, in Cambridge Bay, the GCRC is providing support to the Kitikmeot Heritage Society to develop their Kitikmeot Place Name Atlas. Based on years of research, the Nunaliit framework enables communities to share their stories and knowledge, along with their connection to the Earth and each other, in an engaging interactive medium rich with oral, visual and written narratives, as well as, maps and multimedia (http://nunaliit.org.)