SCHOOL OF GRADUATE STUDIES
AND RESEARCH

Gordon Hall, Room 425
Queen's University
Kingston, Ontario,

TO: Georgina Moore, University Secretary

FROM: Janice Deakin, Associate Vice-Principal and Dean,
Graduate Studies and Research

DATE: March 25, 2009

RE: Changes to Fields of Study in Geography Graduate Program

As instructed in Patrick Deane's memo dated May 23, 2007, this memo informs Senate that in February 2009, the Council of the School of Graduate Studies and Research approved new fields of study in the graduate programs in the Department of Geography.

These changes have been approved by the Ontari

6. Earth System Science: Division IV (4)
7. Geographic Information Science: Division IV (4)

Date approved by Divisions: January 22, 2009 (Division IV) and January 27, 2009 (Division V)

Date approved by SGS Council: February 11, 2009

Date the new fields/areas of study will commence and begin admitting students: September 2009

Effects of globalization neoliberalism and the new economy; development economies and restructuring; industrial geographies; commodity chains and cultural economy; economy and governance; innovation; transnational economies; political economies of cities; global change and health; international political economy
Faculty: Donald, Holmes, Lovell, Mullings, Rosenberg

3. Geographies of Bodies, Health, and Health Care
The human and social body; socio/historical constructions of bodies; bodies and nature; access to health care; gender and health; emotional geographies; aging; demographic change; critical disability studies; food, nutrition, and food security; health and environment; environmental justice.
Faculty: Cameron, Davidson, Donald, Rosenberg

4. Geographies of Citizenship, Identity, Justice and Governance
Immigration; race and racism; feminist geographies; citizenship participation and social justice; social movements; identity, multiculturalism, and cosmopolitanism; urban citizenship; indigenous social justice (historical and contemporary); access to services; urban governance; urban land use planning and change; housing.
Faculty: Cameron, Chen, Davidson, Godlewska, Kobayashi, Mullings, Rosenberg

5. Geographies of Postcolonialism, Indigenous Peoples and Place
Historical and contemporary: practices of representation; indigenous places; literary geographies; colonial and postcolonial discourses; emotional geographies of place; cultural politics of race, class, and gender; geographies of nature and science.
Faculty: Cameron, Godlewska, Kobayashi, Lovell, Mullings, Rosenberg

6. Earth System Science
The broad emphasis in the field of Earth System Science is on developing an integrative understanding of the Earth as a physical system of interrelated phenomena. The focus is on the interaction and linkages between the lithosphere, atmosphere, hydrosphere, cryosphere, and biosphere and on physical, chemical, and biological processes operating at a wide range of spatial and temporal scales. Measurement, integration, and modelling of earth system elements to understand these linkages are key foci of research and graduate training activities. Field measurements and sample collection are matched with laboratory and data analysis, and modelling.

The overlapping foci of faculty research fall into two broad themes: Forest Ecosystems and Cold Regions. The former emphasises the primary biophysical and physiological processes of forest systems (especially boreal), exchange of energy, water, and trace gases, and local and regional integration with remote sensing and modelling approaches. The latter focus operates across diverse polar and alpine environments, with emphasis on hydrological, marine, geomorphic and biogeochemical processes and sedimentary systems.
Faculty: Chen, Gilbert, Lafrenière, Lamoureux, McCaughey, Scott, Treitz.

7. Geographic Information Science

Faculty examine the theoretical, technical and applied aspects of cartography, geographic information systems, remote sensing and image processing, and modeling of human and natural systems.

Specific research interests include: contemporary and historical cartography; land cover/use change detection and analysis; disease modeling; mapping/modeling human impacts on the environment; social, economical, and environmental interaction; biophysical remote sensing; image processing; resource/location optimization; geo-visualization; environmental exposure analysis; accuracy and error modeling.

Faculty: Barber, Chen, Godlewska, Scott, Treitz