Report of the  
Global Health Task Force  
April 2008  

Respectfully submitted on behalf of the Task Force members  

Vivian McAlister (Chair)  

March 31, 2008
Global Health Task Force

Members:
Kelly Anderson
Samantha Boshart
David Cechetto
Francis Chan
John Clifford
Chris Ellis
Bill Fisher
Ada Ho
John Howard
Murad Husein
Melanie Katsivo
Cynthia Kenyon
Orliana Ly
Vivian McAlister
Allison Oosterhuis
Charles Trick
Gildo Santos
Michael Slatnik
Bill Wang

Secretarial support:
Lois Cloutier
Teresa Janik

Acknowledgements:
In addition to participating in Task Force activities, the following members lead specific aspects of the review.

Kelly Anderson – Opinion survey of Schulich School
Samantha Boshart – Aboriginal Health in Canada
Ada Ho – Task Force recorder
Allison Oosterhuis – Global Health UWO project database
Michael Slatnik – Survey of Global Health at Canadian Universities
Bill Wang – Webmaster

Note:
Primary documents referred to in this report can be read on the Global Health webpage
www.schulich.uwo.ca/globalhealth
Background
The importance of International Health is gaining increasing emphasis in Canadian medical schools. This may be due to changes in Canada’s population through immigration. It may also be influenced by greater diversity in the student and teaching faculty. More likely it is part of a trend borne out of increasing demand that affects all Canadian institutions including universities and government.

In October 2007, Dean Carol Herbert summarized the situation of the Schulich School of Medicine and Dentistry (SSMD) at the University of Western Ontario (UWO) as follows:

Western has established Internationalization as one of its key strategic priorities in the current Strategic Plan. While many SSMD faculty and students are engaged in international health research and service learning projects, we have had no organized structure to coordinate such activities. Several medical students have approached me requesting that we consider the establishment of an office or centre, such as exists at some other medical schools. Moreover, it has been pointed out to me by student leaders that it is difficult for new students to identify where opportunities exist for international work; it may take many months to find the right contact. Consequently, we asked the Assistant Dean, Graduate Studies, Postdoctoral, and Internationalization to create a listing of research contacts from among faculty members with active international collaborations, with this list forming the first step to increasing visibility of international activity in the School. This listing is to be posted on the SSMD website.

At the same time, with the large workload associated with Graduate expansion, it is clear that the Assistant Dean cannot take on more responsibility for activating international/global health within the School. It is evident that the interest and work is broader than research abroad. However, it is not clear how best to define the scope of what the School should undertake to build and coordinate in terms of service learning versus volunteer activities that will be carried out by students by their own choice and potentially at their own risk.

Accordingly Dean Herbert asked Dr Vivian McAlister of the Department of Surgery to lead a task force that would report to her by April 2008.

Task Force mandate
The mandate of the Global Health Task Force is to advise the Dean regarding the development of Global Health at SSMD by broadly analyzing Global and international Health activities, within SSMD at The University of Western Ontario, in order to make recommendations with respect to scope, coordinating structure, required administrative support, existing and potential academic activity and placement within the formal undergraduate curriculum for medical and dental students, as well as elective offerings and volunteer opportunities that may also involve students from professional programs within the Faculty of Health Sciences. The Task Force will review structures for global and international health in place at other Canadian universities.
Task Force membership and organization of review
Dr McAlister met with the dean to discuss the operation of the Task Force. It was agreed that the membership of the Task force would include members of the student and teaching faculty of SSMD who have a wide range of interests and experience in the field of Global Health. In addition the Task Force would seek members from outside of the school, from other faculties at UWO, that have undertaken Global health projects. Several email calls for members were made. A large broadly representative Task Force was constituted in November 2007.

The Task Force first decided on its plan of action which included the following: creation of a webpage (www.schulich.uwo.ca/globalhealth) on the SSMD website for easy transparent display of Task Force activities; registration of a Task Force email address (globalhealth@schulich.uwo.ca) for easy communication; creation of a database of all Global Health projects undertaken by UWO members; review of the organization of Global Health activities in other Canadian Universities; survey of SSMD opinion regarding Global Health at SSMD. The Task Force agreed to review these projects, to discuss the definition and scope of Global Health and to make recommendations regarding the structure of Global Health at SSMD.

Global Health at UWO
SSMD, UWO and its members have currently made considerable investments in Global Health activities. The greatest effort is dedicated to field operations. However global Health has been integrated into aspects of the medical school curriculum such as patient centered learning and a course dedicated to Global Health is given to the fourth year medical students. Very few research projects involve a Global Health focus or participation. A large number of service projects of different types and sizes are currently underway (see Appendix 1). The majority of these projects are investigator initiated but several involve large multinational groups. Africa is the most popular destination followed by Central America. Several projects are highlighted here to demonstrate the variety of SSMD activities but Appendix 1 should be consulted because each project has its own focus and value. The Task Force was very impressed with the dedication and expertise of all those who have taken part in the projects identified. Dr David Cechetto is leading an interdisciplinary team helping Rwanda reconstruction; Dr Gregor Reid is principle investigator of a project to examine the role of nutrition and probiotics in delaying the onset of AIDS in HIV infected patients; Dr Cecil Rorabeck and other orthopaedic surgeons take part in Operation Walk, an established international program which provides high level orthopaedic care to patients and training to local doctors while Dr Ray Guo has set up a similar program with SSMD personnel to provide cardiac surgery care and education to under-serviced areas of China.

Organization of Global Health at other Canadian Universities
Most of Canada’s universities have embraced the concept of Global Health’s essential role in their medical school and sought out ways to deliver upon that commitment. A variety of models have been developed to support Global Health. In Dalhousie University, an International Health Office has been established within the medical school which consolidates all their Global Health activities. It is supported by a full compliment
of staff including an administrator and secretary and it is led by director from the teaching faculty who holds the position as Associate Dean. At the University of British Columbia, a Centre for International Health is situated not within the medical school but within the university itself encouraging participation by other faculties and programs. The University of Toronto has some of the strongest Global Health programs but these are situated in departments of the medical school. Appendix 2 summarizes Task Force findings regarding the organization of Global Health at other Canadian universities.

Survey of teaching and student faculty at SSMD
A survey of opinions held by the teaching and student faculty at SSMD was undertaken using web-based reporting system in February 2008. The survey tool was developed and tested by the Global Health Task Force. Information regarding Global Health was provided to respondents on the Global Health website. The results of the survey are presented in Appendix 3.

282 individuals fully completed the online survey. The majority of survey responders were medical students (40%). Of the remaining respondents, 20% were clinical faculty and 20% were SSMD staff; 8% were basic science faculty and 4% were dental students. Of all full responders, the highest number of responders had never been involved in any global health-related activities at SSMD (73%). However, 30% of respondents have never been involved, but wish to be. The highest number of respondents agreed that the definition of global health should include not only ‘developing countries’, but also all underserved communities inside and outside of Canada. The majority of respondents agreed that global health-related activities should include all three pillars of service, education and research. When asked to prioritize potential global health-related activities that could be offered at SSMD, the four activities that respondents prioritized were: globally-related summer observership opportunities; lecture series on global health; student and staff project funding opportunities; integrated curriculum on global health. The highest number of respondents preferred that SSMD organize its global health activities through a ‘UWO Global Development Centre, combining multiple faculties’. However, in terms of a structure specifically within SSMD, the highest number of respondents preferred a ‘Global Health Office’. 64 respondents (23%) were interested in participating directly in the discussion surrounding global health at SSMD.

Recommendations and rationale

1) The definition of Global Health should be broad and inclusive.
The Task Force considered various definitions of Global Health. The sentiment that Global Health involves a wide range of activities in many settings was universally held by Task Force members and by respondents to the survey. Global Health is a process of knowledge transfer between societies. Global Health activities include service, education and research that may occur in local, national or international contexts. From the perspective of members of the Schulich School of Medicine and Dentistry, it consists of 3 main components: International Health (foreign placements in which students or physicians gain experience of, and contribute to, health care in other countries); Planetary Health (understanding the impact of the environment on health and the role of health-care
workers in planetary issues such as global warming, pollution, clean water, resource depletion) and Global Human Health (the understanding and contribution of physicians to improving the health of local, national and international human populations affected by human behaviours such as war, inequity, domination, exploitation). For the purposes of this review the term Global Health includes disciplines such as Ecosystem Health, Aboriginal Health and International Health. While SSMD is involved in many effective Global Health programs internationally, its role in Aboriginal Health is limited as are its Global Health research programs.

2) **SSMD programs for Global Health should support independently developed projects and encourage the continuation of high-level participation by students.** Most of the successful Global Health projects led by members of SSMD were independently developed and maintained by enthusiasm and a strong sense of service. Medical students have played a leadership role in many projects. The Task Force felt that any new arrangement for Global Health at SSMD must preserve these opportunities.

3) **SSMD should lead an interdisciplinary collaboration with other faculties and programs at UWO to develop effective Global Health projects.** The majority of survey respondents favoured the establishment of a university-based multidisciplinary International Development Office in which a Global Health program would be situated. There is an undeniable logic to the partnership of health care professionals with other experts such as teachers and engineers and with other organizations such as the government or the Canadian Forces. However the Task Force believes that such a collaborative effort will only be successful if it is led by SSMD out of a position of strength with a vibrant internal Global Health program.

4) **SSMD should establish a Centre for Global Health under the direction of a faculty member whose primary academic interest is in Global Health with a full time secretary and office.** Canadian universities that successfully reorganized Global Health programs usually established a strong leadership position for the program’s director. The Task Force believes such a leader would most likely be based in a clinical or teaching program and that the time commitment to Global Health leadership would be partial. It is expected however that the director’s academic focus would be in Global Health and that the office holder would have, or would develop, an international reputation for these activities. The Centre for Global Health should provide a visible presence for Global Health within SSMD.

5) **The director of the Centre for Global Health should provide advice to the dean regarding Global Health at SSMD and liaison with other institutions; promote the role of Global Health in modern health care and medical education; advise relevant committees regarding the integration of Global Health into the medical school curriculum; support the development of projects by members of SSMD or their participation in established Global Health programs.**
The Task Force listed activities by which the director would facilitate the development of Global Health at SSMD but did not mean this list to be restrictive. Clearly the position would grow according to the partnership between the director, the dean and the faculty.

6) **The office of the Centre for Global Health should be a resource centre for those wishing to be involved in Global Health by maintaining a living registry of Global Health projects undertaken by SSMD and a database of external supports for Global Health. Resources currently dedicated by SSMD to Global Health should be consolidated within the centre.**

The Task Force believes this recommendation is its most important. A Global Health Centre will provide SSMD with a highly visible focus in which to consolidate and support its activities. Communication of information regarding Global Health was identified in the survey as a particular shortfall of current SSMD arrangements. It is anticipated that the office would be an easily accessed resource centre. The Task Force has developed a website for the purposes of transparent communication during its work. It hopes that this website will be converted by the Global Health Centre into its tool for maintaining communication with the school. SSMD has dedicated resources to aid participation in Global Health activities. The Task Force recommends that these resources be administered by the Centre for Global Health. It is hoped that the Centre would itself attract financial support outside of SSMD because of its profile, its leadership and its successful programs.

7) **The Centre for Global Health should provide training and debriefing programs for members of SSMD who participate in Global Health projects and encourage the exchange of information between projects.**

The need for organized programs to prepare students and faculty taking part in Global Health projects was identified by the Task Force and the survey as vital to the success of interventions. The importance of each program being aware of the activities of other programs was also emphasized not only to prevent competitive overlap but also to share knowledge and resource. The Task Force also felt that organized programs to debrief participants of Global Health projects would provide valuable learning opportunities as well as providing support to participants.

The Task Force was pleasantly surprised by the support demonstrated for Global Health at SSMD and by the wide range of projects currently underway. This leads the Task Force to believe that time is most opportune at present to bring about effective change. It hopes that new arrangements will build upon the success of current activities to develop a coherent program of Global Health that places SSMD in an internationally recognized leadership position in this area.
**Appendix 1: Global Health at SSMD**

Kindly developed by Allison Oosterhuis to whom additions should be sent. aoosterhuis2010@meds.uwo.ca

### Africa

<table>
<thead>
<tr>
<th>Country or Area</th>
<th>Name</th>
<th>Faculty &amp; Department</th>
<th>Area of Global Engagement (R= research, E= education, S= service)</th>
<th>Global institutional Partners [(A) = Agreement in place]</th>
<th>Research Interest(s)</th>
<th>Project Website</th>
<th>Email Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Africa</td>
<td>Driessen, Cornelis</td>
<td>SSMD- Dentistry; Medical Biophysics</td>
<td>Currently none</td>
<td>Biomaterials, amelo- &amp; dentino-genesis imperfecta, dental pulp biology</td>
<td></td>
<td></td>
<td><a href="mailto:driessen@uwo.ca">driessen@uwo.ca</a></td>
</tr>
<tr>
<td>Africa</td>
<td>Gilchrist, James (Jim)</td>
<td>SSMD - Oncology</td>
<td>(S, E) Oncology, medical development, cancer services</td>
<td></td>
<td></td>
<td></td>
<td><a href="mailto:jim.gilchrist@lhsc.on.ca">jim.gilchrist@lhsc.on.ca</a></td>
</tr>
<tr>
<td>Africa</td>
<td>Hekmat, Sharareh</td>
<td>SSMD - Human Ecology - Brescia University College</td>
<td>(R) Probiotic yoghurt production</td>
<td>Kivulini Women's Empowerment Organization, Tanzania</td>
<td>Probiotic</td>
<td></td>
<td><a href="mailto:hekmat@uwo.ca">hekmat@uwo.ca</a></td>
</tr>
<tr>
<td>Africa</td>
<td>Koren, Gideon</td>
<td>SSMD - Paediatrics</td>
<td>Currently none</td>
<td>Ecosystem Health</td>
<td></td>
<td></td>
<td><a href="mailto:gkoren@uwo.ca">gkoren@uwo.ca</a></td>
</tr>
<tr>
<td>Africa</td>
<td>Reid, Gregor</td>
<td>SSMD - Microbiology &amp; Immunology; Surgery</td>
<td>(R) Anti-Infective properties of beneficial bacteria (probiotics) especially related to the urogenital tract of women, but also the gut; bacterial biofilms; studies of HIV/AIDS patients</td>
<td>University of Ibadan, Nigeria Kivulini Women's Empowerment Organization, Tanzania</td>
<td>Interventions, including food and drugs to maintain health and prevent disease, including urogenital infections and biofilms</td>
<td><a href="http://publish.uwo.ca/~somerset(personal)">http://publish.uwo.ca/~somerset(personal)</a></td>
<td><a href="mailto:gregor@uwo.ca">gregor@uwo.ca</a></td>
</tr>
<tr>
<td>Africa</td>
<td>Thind, Amardeep</td>
<td>SSMD- Epidemiology and Biostatistics; Faculty Association; Family Medicine</td>
<td>(R)-Working with Dr. Isaac Luginaah (Dept of Geography) on a World Bank funded project to implement the provision of probiotic yogurt in Kenya and Tanzania and evaluate its impact on health</td>
<td>World Bank</td>
<td>Access to health care for vulnerable populations, program evaluation, cost-effectiveness</td>
<td><a href="mailto:athind2@uwo.ca">athind2@uwo.ca</a></td>
<td></td>
</tr>
<tr>
<td>Kenya</td>
<td>Trick, Charles</td>
<td>SSMD - Microbiology and Immunology; Science - Biology</td>
<td>(R) Ecosystem Health and Conservation</td>
<td>Ecosystem health; water quality; population and resources; contaminants; fisheries</td>
<td></td>
<td></td>
<td><a href="mailto:trick@uwo.ca">trick@uwo.ca</a></td>
</tr>
</tbody>
</table>
### Rwanda

**Cechetto, David F.**  
**SSMD - Anatomy & Cell Biology**  
(E) "Rebuilding Health in Rwanda" - a capacity building project for curriculum and professional development in nursing education; funded by CIDA through AUCC  
Kigali Health Institute, Rwanda  
David.Cechetto@schulich.uwo.ca

**Cechetto, David F.**  
**SSMD - Anatomy & Cell Biology**  
(E) "Renewing Medical Education in Rwanda" - a capacity building project for curriculum, IT and professional development in medical education  
Faculty of Medicine at the National University of Rwanda  
David.Cechetto@schulich.uwo.ca

**Kenyon, Cynthia**  
**SSMD- Paediatrics**  
(E) "Renewing Medical Education in Rwanda" - a capacity building project for curriculum, IT and professional development in medical education  
Faculty of Medicine at the National University of Rwanda  
ckenyon@uwo.ca

**Fisher, William**  
**SSMD- Psychiatry, Obs/Gyn**  
(R) -Co-Principal Investigator for $6.7 million NIH funded HIV prevention intervention at 16 HIV care sites over the next 5 years -Taking advantage of antiretroviral rollout in South Africa to reach HIV+ patients in clinical care with theory-based, empirically validated HIV prevention intervention; articulated and piloted to South African Zulu culture  
University of Connecticut, Yale University, and Nelson Mandela School of Medicine, University of Kwazulu Natal  
fisher@uwo.ca

**Batohi, Pravin**  
**SSMD- Anesthesia**  
Existing contacts  
batohi2@uwo.ca

### South Africa

**Fisher, William**  
**SSMD- Psychiatry, Obs/Gyn**  
(R) -Co-Principal Investigator for $6.7 million NIH funded HIV prevention intervention at 16 HIV care sites over the next 5 years -Taking advantage of antiretroviral rollout in South Africa to reach HIV+ patients in clinical care with theory-based, empirically validated HIV prevention intervention; articulated and piloted to South African Zulu culture  
University of Connecticut, Yale University, and Nelson Mandela School of Medicine, University of Kwazulu Natal  
fisher@uwo.ca

### Asia

**Country or Area** | Name | Faculty & Department | Area of Global Engagement (R= research, E= education, S= service) | Global institutional Partners [(A) = Agreement in place] | Research Interest(s) | Project Website | Email Address |
--- | --- | --- | --- | --- | --- | --- | --- |
Cambodia | Fortier, Marielle | SSMD- Diagnostic Radiology & Nuclear Medicine | existing projects/contacts |  |  |  | mfortier@imaging.robarts.ca |
<table>
<thead>
<tr>
<th>Country</th>
<th>Name</th>
<th>Institute</th>
<th>Research Area</th>
<th>Collaborations</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>Bend, John R.</td>
<td>SSMD - Physiology &amp; Pharmacology</td>
<td>(R) Toxicological studies</td>
<td>Consortium on Globalization of Chinese Medicine</td>
<td><a href="mailto:jack.bend@schulich.uwo.ca">jack.bend@schulich.uwo.ca</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Drug metabolism, toxicology, lung function, food/drug interactions, chemicals and genetic mutations, cancer and chemicals, pesticides</td>
<td></td>
</tr>
<tr>
<td>China</td>
<td>Guo, L. Ray</td>
<td>SSMD- Surgery</td>
<td>(R, E) Cardiac surgery</td>
<td>Guang-Zhou Medical College, China</td>
<td><a href="mailto:Linrui.guo@lhsc.on.ca">Linrui.guo@lhsc.on.ca</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Shanxi Medical University, Taiyuan, China</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Set up cardiovascular units and standardize protocols; update knowledge and skills through lectures and demonstrations; collaborative research</td>
<td></td>
</tr>
<tr>
<td>China</td>
<td>Kim, Sung O.</td>
<td>SSMD</td>
<td>Currently none</td>
<td>Xiamen University</td>
<td><a href="mailto:skim283@uwo.ca">skim283@uwo.ca</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Dissecting signalling mechanisms of tumor necrosis factor (TNF)-induced necrotic and apoptotic cell death and their implication in TNF-induced toxic shock</td>
<td></td>
</tr>
<tr>
<td>China</td>
<td>Li, Shawn S.C.</td>
<td>SSMD - Biochemistry; Paediatrics</td>
<td>(R) Collaboration in research</td>
<td>Sun Yat Sen University; collaborated in Proteomics Research Center and National Key Laboratory of Medical Molecular Biology, Institute of Basic Medical Sciences; Peking Union Medical College/Chinese Academy of Medical Sciences</td>
<td><a href="mailto:sli@uwo.ca">sli@uwo.ca</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Proteomics, Signal Transduction</td>
<td></td>
</tr>
<tr>
<td>China</td>
<td>Lui, Ed</td>
<td>SSMD - Physiology and Pharmacology</td>
<td></td>
<td>HK Baptist University; China Medical University; Research Institute for Liver Diseases (Shanghai)</td>
<td><a href="mailto:elui@uwo.ca">elui@uwo.ca</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Traditional Chinese medicines, herbal medicines, complementary and integrative medicine, standardization of herbal products, product development, inflammatory, cardiovascular diseases and cancer</td>
<td></td>
</tr>
<tr>
<td>Country</td>
<td>Name</td>
<td>SSMD</td>
<td>Department</td>
<td>Project/Contact Information</td>
<td>Notes</td>
</tr>
<tr>
<td>---------</td>
<td>------</td>
<td>------</td>
<td>------------</td>
<td>-----------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>China</td>
<td>Rieder, Michael J.</td>
<td>SSMD - Paediatrics; Physiology and Pharmacology</td>
<td>(E) Consortium on Globalization of Chinese Medicine</td>
<td>Hong Kong University; Shanghai University; Consortium for Globalization of Chinese Medicine</td>
<td>The immunopharmacology and toxicity of reactive drug metabolites, the impact of reactive antimicrobial metabolites on immunity including the immunomodulatory effect(s) of these metabolites and the effect(s) of reactive drug metabolites in retroviral infection with a focus on HIV infection and AIDS</td>
</tr>
<tr>
<td>China</td>
<td>Salvadori, Marina</td>
<td>SSMD- Paediatrics</td>
<td>Existing projects/contacts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>China</td>
<td>Sims, Stephen</td>
<td>SSMD - Physiology and Pharmacology</td>
<td>(R) Work force aging in the new economy: a comparative study of information technology employment</td>
<td>Tianjin Medical University</td>
<td>Imaging and electrophysiology of cells, calcium fluorescence, and postdoctoral training</td>
</tr>
<tr>
<td>China</td>
<td>Trick, Charles</td>
<td>SSMD - Microbiology and Immunology; Science - Biology</td>
<td>(R) Ecosystem Health and Conservation</td>
<td>Chinese Academy of Sciences; Lab of Tropical Marine Dynamics, Guangzhou; AMCE/Biology; Hong Kong University of Science and Technology, Egerton University</td>
<td>Ecosystem health; water quality; population and resources; contaminants; fisheries</td>
</tr>
<tr>
<td>China</td>
<td>Wang, Hao</td>
<td>SSMD - Pathology; Surgery</td>
<td>Transplantation and microsurgery</td>
<td>Tianjin Medical University; Tianjin Medical University Hospital</td>
<td>Transplantation and microsurgery</td>
</tr>
<tr>
<td>China</td>
<td>Xuan, JianWu</td>
<td>SSMD- Surgery</td>
<td>The practice of urology</td>
<td>HK Chinese University; Jin Lin University; Fu Dan University; Nagasaki University School of Medicine</td>
<td>Uro-oncology, endourology, andrology, paediatric urology, renal transplantation, and neurourology</td>
</tr>
<tr>
<td>India</td>
<td>Dhir, Achal</td>
<td>SSMD- Anesthesia</td>
<td>existing contacts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>India</td>
<td>Joseph, Mariamma</td>
<td>SSMD - Pathology</td>
<td>Pathology</td>
<td>Regional Cancer Centre in Trivandrum, Kerala</td>
<td>Lung tumours, Cytopathology, Skin tumours (pigmented)</td>
</tr>
<tr>
<td>Country or Area</td>
<td>Name</td>
<td>Faculty &amp; Department</td>
<td>Area of Global Engagement (R= research, E= education, S= service)</td>
<td>Global institutional Partners</td>
<td>Research Interest(s)</td>
</tr>
<tr>
<td>-----------------</td>
<td>-----------------</td>
<td>----------------------</td>
<td>---------------------------------------------------------------</td>
<td>------------------------------</td>
<td>----------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>India</td>
<td>Mehta, Sanjay</td>
<td>SSMD - Medicine</td>
<td>(R) Prevalence of pulmonary hypertension in India, smoking cessation in India</td>
<td>Vallabhbai Patel Chest Institute</td>
<td>Acute lung injury, pneumonia, animal models of lung disease, pulmonary edema, endothelial cell function and injury, neutrophil function, nitric oxide, pulmonary hypertension, pulmonary physiology</td>
</tr>
<tr>
<td>India</td>
<td>Thind, Amardeep</td>
<td>SSMD- Epidemiology and Biostatistics; Faculty Association; Family Medicine</td>
<td>(E)-Assisting the Public Health Foundation of India (PHFI) in formulating curriculum for the 8 Schools of Public Health being set up in India</td>
<td>Public Health Foundation of India (PHFI)</td>
<td>Access to health care for vulnerable populations, program evaluation, cost-effectiveness</td>
</tr>
<tr>
<td>Republic of Mongolia</td>
<td>Guo, L. Ray</td>
<td>SSMD- Surgery</td>
<td>(R, E) Cardiac surgery</td>
<td>Shastin Hospital, Mongolia</td>
<td>Set up cardiovascular units and standardize protocols; update knowledge and skills through lectures and demonstrations; collaborative research</td>
</tr>
<tr>
<td>Nepal</td>
<td>Batohi, Pravin</td>
<td>SSMD- Anesthesia</td>
<td>Existing contacts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Philippans</td>
<td>Thind, Amardeep</td>
<td>SSMD- Epidemiology and Biostatistics; Faculty Association; Family Medicine</td>
<td>(R) -Determinants of childhood immunization in the Philippines</td>
<td></td>
<td>Access to health care for vulnerable populations, program evaluation, cost-effectiveness</td>
</tr>
<tr>
<td>Southeast Asia</td>
<td>Younus, Jawaid</td>
<td>SSMD - Oncology</td>
<td>Currently None</td>
<td></td>
<td>Breast cancer, Lung cancer, Melanoma, Complementary medicine</td>
</tr>
</tbody>
</table>

**Eastern Europe and Russia**
<table>
<thead>
<tr>
<th>Country or Area</th>
<th>Name</th>
<th>Faculty &amp; Department</th>
<th>Area of Global Engagement (R= research, E= education, S= service)</th>
<th>Global institutional Partners [(A) = Agreement in place]</th>
<th>Research Interest(s)</th>
<th>Project Website</th>
<th>Email Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bosnia and Herzegovina</td>
<td>Hatibovic-Kofman, Sahza</td>
<td>SSMD - Medical Biophysics</td>
<td>(R) Paediatric dentistry; water fluoridation; preventative dentistry</td>
<td>Sarajevo University</td>
<td>A comparative study of five bonding systems for orthodontic bracket cementation, caries prevention and bond strengths of five bonding systems in orthodontics, microleakage and fracture resistance of pit and fissure sealants after conventional, air abrasion, mineral trioxide aggregate</td>
<td><a href="mailto:sahza.kofman@schulich.uwo.ca">sahza.kofman@schulich.uwo.ca</a></td>
<td></td>
</tr>
<tr>
<td>Russia</td>
<td>McFadden, Grant</td>
<td>SSMD - Microbiology and Immunology</td>
<td>(R) Oncolytic viruses, immunomodulation and viral pathogenesis ISTC</td>
<td>Molecular virology</td>
<td><a href="http://www.stats.uwo.ca/kulperger/">http://www.stats.uwo.ca/kulperger/</a></td>
<td><a href="mailto:mcfadden@robarts.ca">mcfadden@robarts.ca</a></td>
<td></td>
</tr>
</tbody>
</table>

### Middle East

<table>
<thead>
<tr>
<th>Country or Area</th>
<th>Name</th>
<th>Faculty &amp; Department</th>
<th>Area of Global Engagement (R= research, E= education, S= service)</th>
<th>Global institutional Partners [(A) = Agreement in place]</th>
<th>Research Interest(s)</th>
<th>Project Website</th>
<th>Email Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Israel</td>
<td>Rudnick, Abraham</td>
<td>SSMD - Psychiatry</td>
<td>Currently None</td>
<td>Tel Aviv University</td>
<td>Research on medical education; psychosomatics</td>
<td><a href="http://www.uwo.ca/biology/Faculty/sinclair/index.htm">http://www.uwo.ca/biology/Faculty/sinclair/index.htm</a></td>
<td><a href="mailto:abraham.rudnick@sjhc.london.on.ca">abraham.rudnick@sjhc.london.on.ca</a></td>
</tr>
<tr>
<td>Israel</td>
<td>Spence, J. David</td>
<td>SSMD - Clinical Neurological Sciences</td>
<td>(R) Effect of diet on progression of carotid atherosclerosis</td>
<td>Ben Gurion University of the Negev</td>
<td>Stroke prevention</td>
<td><a href="http://www.uwo.ca/biology/Faculty/sinclair/index.htm">http://www.uwo.ca/biology/Faculty/sinclair/index.htm</a></td>
<td>dspence@robar ts.ca</td>
</tr>
<tr>
<td>Country or Area</td>
<td>Name</td>
<td>Faculty &amp; Department</td>
<td>Area of Global Engagement (R= research, E= education, S= service)</td>
<td>Global Institutional Partners [(A) = Agreement in place]</td>
<td>Research Interest(s)</td>
<td>Project Website</td>
<td>Email Address</td>
</tr>
<tr>
<td>----------------</td>
<td>-----------------------</td>
<td>----------------------</td>
<td>-----------------------------------------------------------------------------------------------------------------------------</td>
<td>--------------------------------------------------------</td>
<td>--------------------------------------------------------------------------------------</td>
<td>----------------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td>Yemen</td>
<td>Driedger, Albert A.</td>
<td>SSMD - Diagnostic Radiology &amp; Nuclear Medicine</td>
<td>(E) - Medical teaching and consultative advice; Specific project is the mentoring of and advice to the developing cancer care system in Yemen in relation to training of oncologists and supporting specialists - Health system education; teach a course entitled “Structure, accountability and Quality in an Evolving Health System”</td>
<td>Yemen Ministry of Health</td>
<td>Nuclear medicine, thyroid Cancer, position emission tomography, nuclear industry safety</td>
<td><a href="mailto:al.driedger@lhsc.on.ca">al.driedger@lhsc.on.ca</a></td>
<td></td>
</tr>
<tr>
<td>Yemen</td>
<td>Garcia, Bertha</td>
<td>SSMD - Pathology</td>
<td>(R, E) - needs assessment; faculty development and consultation services</td>
<td>Yemen Government and Ministry of Health</td>
<td>Diagnostic and academic pathology</td>
<td><a href="mailto:bertha.garcia@lhsc.on.ca">bertha.garcia@lhsc.on.ca</a></td>
<td></td>
</tr>
<tr>
<td>Yemen</td>
<td>Gilchrist, James (Jim)</td>
<td>SSMD - Oncology</td>
<td>(S, E) Oncology, medical development, cancer services</td>
<td>Yemen Government and Ministry of Health</td>
<td></td>
<td><a href="mailto:jim.gilchrist@lhsc.on.ca">jim.gilchrist@lhsc.on.ca</a></td>
<td></td>
</tr>
<tr>
<td>Canada / USA</td>
<td>Bhayana, Bhooma</td>
<td>SSMD- Department of Family Medicine</td>
<td>(S) - Multicultural primary care practice including immigrants and refugees and prenatal care at the London Intercommunity Health Centre - Assessments for refugee claimants in association with lawyer, Michael Loebach to document injuries and connect to care victims of torture - Considering a new project in association with CCLC is the development of better access to care for newly arrived immigrants and refugees on first arrival.</td>
<td>London Intercommunity Health Centre, London Cross Cultural Learner Centre (Global House), Sisters of St. Joseph Home for Refugees, Across Languages (Interpreter Services)</td>
<td>Post traumatic stress disorder, care of refugee women</td>
<td><a href="http://publish.uwo.ca/~cforchuk/tr/">http://publish.uwo.ca/~cforchuk/tr/</a></td>
<td><a href="mailto:bbhayana@uwo.ca">bbhayana@uwo.ca</a></td>
</tr>
</tbody>
</table>
Collaborates with Women of World Project at the London Intercommunity Health Centre - 

Canada

Cechetto, David F.
SSMD - Anatomy & Cell Biology
(E) Medical Electives Overseas Program - opportunities for 4th year medical students to do electives in developing countries
Multiple hospitals, clinics and universities around the world
http://www.schulich.uwo.ca/students/meop/
David.Cechetto@schulich.uwo.ca

Canada

Chan, Francis
SSMD - Anatomy and Cell Biology
(E) Co-chair of the AFMC Aboriginal Health Task Force
Development of national curriculum framework for Aboriginal health in undergraduate medical education as well as activities concerning recruitment and retention of Aboriginal students in medicine and other health disciplines
Francis.Chan@schulich.uwo.ca

Canada

Harris, Stewart
SSMD - Family Medicine; Epidemiology and Biostatistics
(E) - Clinical practice guidelines, Aboriginal diabetes: etiology, epidemiology, clinical health
(R, S) - New immigrant population health
International Diabetes Federation
Application of diabetes clinical practice guidelines in primary care, Type 2 diabetes in high-risk populations
sharris1@uwo.ca

Mexico / Central and South America

<table>
<thead>
<tr>
<th>Country or Area</th>
<th>Name</th>
<th>Faculty &amp; Department</th>
<th>Area of Global Engagement (R= research, E= education, S= service)</th>
<th>Global institutional Partners [(A) = Agreement in place]</th>
<th>Research Interest(s)</th>
<th>Project Website</th>
<th>Email Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Argentina</td>
<td>Valvano, Miguel A</td>
<td>SSMD - Microbiology &amp; Immunology</td>
<td>Microbiology</td>
<td>Universidad de Buenos Aires; Children's Hospital of Buenos Aires</td>
<td>Bacterial infections, infectious diseases, emerging infections</td>
<td><a href="http://publish.edu.uwo.ca/george.gadanidis.ca">http://publish.edu.uwo.ca/george.gadanidis.ca</a></td>
<td><a href="mailto:mvalvano@uwo.ca">mvalvano@uwo.ca</a></td>
</tr>
<tr>
<td>Brazil</td>
<td>Magalhaes, Lilian</td>
<td>SSMD - Occupational Therapy</td>
<td>(R) International Professional Terminology</td>
<td>University of Sao Paulo</td>
<td>Cross cultural studies, immigration, post colonial methodologies</td>
<td><a href="http://publish.edu.uwo.ca">http://publish.edu.uwo.ca</a></td>
<td><a href="mailto:lmagalha@uwo.ca">lmagalha@uwo.ca</a></td>
</tr>
<tr>
<td>Country</td>
<td>Name</td>
<td>Specialties</td>
<td>MICU Experience</td>
<td>Institution/Activities</td>
<td>Contact Information</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>--------------------</td>
<td>-------------------------------------------</td>
<td>--------------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------------------------</td>
<td>--------------------------------------------------</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Brazil  | Reid, Gregor       | SSMD - Microbiology & Immunology; Surgery | (R) Anti-Infective properties of beneficial bacteria (probiotics) especially related to the urogenital tract of women, but also the gut; bacterial biofilms; studies of HIV/AIDS patients | Interventions, including food and drugs to maintain health and prevent disease, including urogenital infections and biofilms | http://www.reed.utoronto.ca/index.html  
gregor@uwo.ca  
http://publish.uwo.ca/~somerset(personal) |
| Chile   | Valvano, Miguel A  | SSMD - Microbiology & Immunology          | Microbiology                                                                    | Universidad de Chile                                                                   | Bacterial infections, infectious diseases, emerging infections | http://publish.edu.uwo.ca/george.gadanidis/  
mvalvano@uwo.ca  
rorabec@uwo.ca |
| Guatemala | Rorabeck, Cecil H. | SSMD- Surgery, Anaesthesia                | Operation Walk                                                                  | Local private organizations in Honduras                                                | Disaster Relief                                   | www.OperationWalk.ca  
stephen.sims@schulich.uwo.ca |
| Honduras | McCormack, David   | SSMD- Medicine/Respirology                | Disaster relief                                                                 | Local private organizations in Honduras                                                | Disaster Relief                                   | David.McCormack@lhsc.on.ca  
hpe.people/mcapretzuchle.uwo.ca |
| Latin America | Burneo, Jorge | SSMD - Clinical Neurological Sciences | (R) Epilepsy, Neurocysticercosis, Epidemiology Cysticercosis                          | Working Group in Peru, Universidad peruana Cayetano Heredia                            | Epidemiology of epilepsy, relationship with neurocysticercosis, neuroepidemiology | iburneo2@uwo.ca  
www.pamsnational.org/medicalmission1.html |
| Mexico  | Mejia, Jose        | SSMD- Psychiatry                           | existing projects/contacts                                                        | Facultad de Medicina de la Universidad Autonoma de San Luis Potosi, San Luis Potosi, S.L.P | Imaging and electrophysiology of cells, calcium fluorescence, and postdoctoral training | Jose.Mejia@sjhc.london.on.ca  
stephen.sims@schulich.uwo.ca |
stephen.sims@schulich.uwo.ca |
| Peru    | Burneo, Jorge      | SSMD - Clinical Neurological Sciences      | (R) Epilepsy, Neurocysticercosis, Epidemiology Cysticercosis                      | Universidad peruana Cayetano Heredia                                                  | Epidemiology of epilepsy, relationship with neurocysticercosis, neuroepidemiology | iburneo2@uwo.ca  
www.pamsnational.org/medicalmission1.html |
| Peru    | Garcia, Bertha     | SSMD- Pathology                            | (S)-Yearly short term medical mission trips to impoverished populations of the Peruvian andes; most years SSMD undergraduate medical students join her in these activities | Peruvian American Medical Society                                                      | Health care to remote indigenous populations in agricultural societies | bertha.garcia@lhsc.on.ca  
http://www.pamsnational.org/medicalmission1.html |
<table>
<thead>
<tr>
<th>Name</th>
<th>Country or Area</th>
<th>Faculty &amp; Department</th>
<th>Area of Global Engagement (R= research, E= education, S= service)</th>
<th>Global institutional Partners [(A) = Agreement in place]</th>
<th>Research Interest(s)</th>
<th>Project Website</th>
<th>Email Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Madrenas, Joaquin</td>
<td>Multi-national</td>
<td>SSMD - Microbiology and Immunology</td>
<td>(E) Focis Network Participation</td>
<td>The Federation of Clinical Immunology Societies</td>
<td>Immunology, Signal Transduction, Transplantation</td>
<td></td>
<td><a href="mailto:madrenas@roberts.ca">madrenas@roberts.ca</a></td>
</tr>
<tr>
<td>Tokarewicz, Alexander C</td>
<td>Multi-national</td>
<td>SSMD- Ophthalmology</td>
<td>(S) Orbis Canada- flying eye hospital.</td>
<td></td>
<td></td>
<td><a href="http://www.orbiscana.ca/">http://www.orbiscana.ca/</a></td>
<td><a href="mailto:tokarew@uwo.ca">tokarew@uwo.ca</a></td>
</tr>
</tbody>
</table>
Appendix 2

External Survey of Global Health Programs at Canadian Medical Schools
A report for the Global Health Task Force at the Schulich School of Medicine and Dentistry
The University of Western Ontario
January 9, 2008

Compiled by Michael Slatnik to whom additions should be sent.
mslatnik@gmail.com
INTRODUCTION

Global health teaching has a presence at all Canadian medical schools however, this is emphasized through various means at these schools and the extent of global health content is as varied as the geographical diversity of where these schools are found. This survey is not a comprehensive overview or comparison, nor does it include every Canadian medical school, but is a document highlighting several unique programs and approaches found throughout Canada. The purpose of this survey is to highlight areas where global health teaching is done effectively, so that the proposed Global Health Centre at the Schulich School of Medicine and Dentistry can learn from and build on the successes and pitfalls of others before implementing its own programs. Not all the programs have been described, since there is significant overlap in Global Health activities between many schools. The format of this document is to describe aspects of global health teaching at other Canadian medical schools, coast to coast.
UNIVERSITY OF BRITISH COLUMBIA

The University of British Columbia is the largest medical school in Canada, currently educating a medical class of 256 students at three campuses. Global health teaching at UBC is based around the Centre for International Health, a university-wide centre that deals with global health teaching and resources for medicine as well as the entire university. The mandate of the centre is as follows:

- To raise awareness of global health challenges and opportunities for tackling them
- To stimulate greater involvement of UBC faculty, students, and partners in international health
- To encourage excellence in research, capacity development, practice and knowledge translation for improving global health

The centre coordinates undergraduate courses and has no influence on the medical curriculum. Some interesting programs that medical students can participate in that are run by the centre include:

- The Global Health Journal Club
- Speaker and Workshop Series
- Grants and Scholarships
- Participation in development projects

The centre is reported by medical students to be student friendly, have global health projects that are student centered, as well as containing an index of related groups in the Vancouver and UBC community.

Links
UBC Medicine: http://www.med.ubc.ca/home.htm
Centre for International Health: http://www.cih.ubc.ca/

UNIVERSITY OF ALBERTA

The University of Alberta has a Global Health Initiative (GHI) by the faculty with three stated goals:

- Education of students and faculty about important and relevant international health issues and topics
- International health project development
- International health research

The website of the GHI has information and resources for several areas:

- A planned curriculum review of the undergraduate medical curriculum
- Links to topics on global health and global burden of disease (mostly external links to WHO sites, among others)
- Information about current projects, such a project being run in Uganda by several UofA physicians

In addition, the UofA has several very passionate faculty members coordinating GH activities at the medical school. Some of the resulting projects include weekly Global Health Rounds, which students and faculty are welcome to attend. The Faculty of Medicine also runs a yearly Rich Man Poor Man Dinner, which supports the international initiatives of medical students; additionally, the UofA also has a 12 hour Global Health Elective available to first and second year medical students, and participating in the elective increases the funding that students receive for international work.

The University of Alberta has also recently opened a School of Public Health with a Global Health stream, and this undoubtedly builds capacity and resources in the Global Health area of the University.

**Links**

UofA School of Public Health: [http://www.phs.ualberta.ca/](http://www.phs.ualberta.ca/)

---

**UNIVERSITY OF CALGARY**

The University of Calgary has many interesting international programs integrated into their busy 3-year curriculum. Programs which are unique and will be highlighted here are their international exchange programs, which come out of contracts between the UofC and other Universities / Governments overseas.

The Japanese visiting student program is a program between UofC Medicine and various Japanese Universities. In this program Japanese students come to Calgary and visit for one course block (~10-12 weeks), are completely immersed into the program, and are each assigned to a volunteer “buddy”. They write the exams at the end of each course before returning to Japan. Unfortunately due to lack of infrastructure with increasing class size, this program has been cancelled.

The other international program consists of visiting students from Brunei, Malaysia and Saudi Arabia. The bilateral agreement between UofC Medicine and the various governments brings high school level students (who enter Medicine after two years in the Bachelor Health program at UofC), or pre-med students, who enter directly into Medicine at UofC. Their respective governments pay international tuitions (3-4x) which supplement the UofC Medicine International Health Program. The visiting students are required to sign return-of-service contracts with their respective nations. This program will likely end as well when the contract is expired, due also to lack of space with increased class sizes.

These interesting programs provide Canadian students with opportunities for interaction with International students without having to leave their home city, as well as provide much-needed subsidies for the International Program at the Faculty of Medicine.
UNIVERSITY OF SASKATCHEWAN

The College of Medicine at the University of Saskatchewan has an Internationalization Program, which coordinates international activities. The program offers opportunities for students to travel abroad and conduct reciprocal informational exchanges as well as attend national and international conferences on the topics of global health issues. Additionally, the program provides opportunities for medical students to study global health issues in their curriculum (the summer global health education program), and provides opportunities for global health research.

Most aspects and services of the program are open to all UofS undergraduate and graduate students, but some opportunities are reserved for medical students (such as the summer global health education program). On the website of the program there are global health funding opportunities for faculty, undergraduate and graduate medical students, as well as a listing of international projects taking place at the UofS. The program is coordinated by the chair of the international committee.

According to medical students, the strengths of the international program include the summer global health education program, which is not intended as just a clinical elective but is meant to provide a greater appreciation of prominent health issues of the region, in the framework of a broad learning experience. A downside of the program is that it is simply not advertised enough, especially to students outside of the college of medicine and to the public.

An excellent and innovative program organized by the College of Medicine is called “Making the Links”. This is a vertical, 5-Phase program in which undergraduate medical students commit two years to a comprehensive program covering social determinants of health in and around Saskatoon as well as in Mozambique. Throughout the five phases and two years of the program, students participate in the following:

- Northern Orientation / Northern Saskatchewan Service Learning Experience
- SWITCH participation (student-run health clinic in Saskatoon)
- Mozambique orientation / Portuguese language classes
- Mozambique service learning experience (summer after second year medicine, consists of clinical, research and community development)
- Final report and certification

This is one of the most comprehensive and thorough approaches to global health education and experience available at Canadian medical schools.

Links
UofS Medicine: http://www.medicine.usask.ca/
College of Medicine Internationalization Programs:
http://www.medicine.usask.ca/education/undergrad/curriculum_committee/cc_social_acc/internationalization-programs/?searchterm=global%20health
Making the Links:
http://www.medicine.usask.ca/education/undergrad/curriculum_committee/cc_social_acc/mtl

UNIVERSITY OF MANITOBA

The University of Manitoba is located in an area of Canada with a high proportion of Native peoples, therefore the students are made aware of important issues that pertain to this patient population. The main medical campus is attached to a hospital with ~50% Native patients; in both first and second year, medical students receive lectures specifically geared towards medical and social issues of Native people. As well, when there is a significant medical issue that applies to this group (such as Diabetes), there are comparisons highlighted in the lectures. Additionally, there are programs that send students to small communities and northern reserves. In the formal curriculum, the “global health” emphasis is placed on Manitoba and Northern Canada problems as opposed to International, since this is the patient population that will affect Manitoba students the most. As well, Dentistry students focus on abuse, since the mouth is an area where abuse is commonly recognized (and abuse is significantly higher in the Native population).

Links
UofM Medicine: http://umanitoba.ca/faculties/medicine/
Global Indigenous Health Research Resources:
http://www.umanitoba.ca/centres/cahr/resources/resources_global_links.html

UNIVERSITY OF TORONTO

The University of Toronto has a very large International Health Program (IHP) run through the Centre for International Health (CIH), which is a centre tailored towards Medicine. This centre was created with the vision of: “Establishing a Centre for International Health brings together the many emerging and disparate activities already underway in international health and advances the University’s position as a global leader in international health, education and policy”.

The CIH has ongoing programs in almost 40 countries, and these projects can all be accessed through the world map on their main page. The core programs and priorities for the centre are:

- HIV/AIDS Initiative: Development programs in 9 Sub-Saharan African countries, with University, Government and NGO partners
- Cambodia Field Station for primary health care development
- China Programs: numerous programs ranging from rural health reforms to programs run by the Office of International Surgery
• Advocacy and Communication Strategies: for example the CIH Annual Conference on Global Health Research
• Continuing to build global health curriculum and teaching programs: this includes mainstreaming global health topics into the undergraduate medical curriculum
• Facilitating overseas electives for medical students, residents, and other students
• Facilitating the initiation of new global health programs
• Development of the Design, Monitoring and Evaluation Unit within the CIH, presently as part of the HIV/AIDS Africa initiative
• Building a strong and connected global health program / network at the UofT and affiliated teaching hospitals
• Maintaining a strong global health network with colleagues in Canada, the USA and abroad

The UofT International Health Program (IHP) is an additional organization at UofT, which is student-run and open to all UofT students. The IHP has many projects which include the Health Equity Initiative (which advocates for greater coverage of global health in the undergraduate medical curriculum), speaker events, scholarships, and a mentorship program.

According to medical students, a great advantage of the CIH and IHP are their size, breadth and depth of programs however, these can also be disadvantages as the size of the programs and centres makes them difficult to navigate and comprehend if one is unfamiliar with the structure.

Links
UofT Medicine: http://www.facmed.utoronto.ca/site4.aspx
UofT Centre for International Health: http://intlhealth.med.utoronto.ca/
UofT Int. Health Program: http://www.utihp.com

**MCMASTER UNIVERSITY**

McMaster University has several international health centres / offices at the University. The Office of International Affairs (OIA) is for the university as a whole, and as such does not offer much support or services to medical students. On a university-wide level, the OIA facilitates exchange agreements with other universities, establishes institutional linkages and coordinates externally funded international projects and programs concerned with collaborative research, education and human resource development.

The Faculty of Health Sciences has its own International Office (IO), which provides services to medical students. The mission of this office is to build a partnership between the Faculty of Health Sciences researchers, educators and clinicians, funding agencies and global development initiatives to commit university research and education to the service for people's health worldwide for the mutual benefit of science, health, clinical practice and human development. This office used to be involved in clinical exchanges as well as implementation of CIDA-funded primary health-care projects, but
due to lack of funding and initiative, the office now offers almost no services to students and is focused on bringing in foreign students to the Faculty of Health Sciences (for example students from Saudi Arabia are brought in to study in the Bachelor of Health Sciences Program).

According to medical students at Mac, this centre does not offer much and is ineffective, due to underfunding and understaffing, and little to no support to students interested in global health or in facilitating global health initiatives.

McMaster does hold an excellent yearly “International Women’s and Children’s Health” conference, organized and run by interested Faculty and Students.

**Links**

McMaster Medicine: [http://www-fhs.mcmaster.ca/medicine/](http://www-fhs.mcmaster.ca/medicine/)

Faculty of Health Sciences Int. Health Office: [http://fhs.mcmaster.ca/main/international_health.html](http://fhs.mcmaster.ca/main/international_health.html)

Office of International Affairs: [http://www.mcmaster.ca/oia/](http://www.mcmaster.ca/oia/)

Population Health Research Institute (Global sites): [http://www.ccc.mcmaster.ca/map.htm](http://www.ccc.mcmaster.ca/map.htm)

---

**QUEEN’S UNIVERSITY**

Queen’s University is working on creating global health structure within the Faculty of Medicine. Currently the International Health Liaison (an elected student position on the Medical Student’s Council) has a lot of responsibility to ensure that Global Health programming exists and is maintained. There is a staff member in the Undergraduate Medical Education Office who facilitates approval of international electives and who organizes bi-yearly meetings of globally-minded students and staff. The Dean has committed 10 awards of $1500 for students doing international electives, for a minimum of 5 years.

Unfortunately at the moment everything from arranging Global Health electives to fundraising is done by students. The current structure for Global Health is found through the “Global Health Working Group” run by medical students.

Separate from the medical school, Queen’s University has a school of Population and Public Health, and every year there is a Health and Human Rights Conference which takes place at Queen’s. Additionally, Queen’s University has pre-departure resources hosted on their International Centre website (a resource for all students).

**Links**

Queen’s Medicine: [http://meds.queensu.ca/school_of_medicine](http://meds.queensu.ca/school_of_medicine)

Queen’s University International Centre Predeparture Resources: [http://www.queensu.ca/quic/wsa/orientation/index.htm](http://www.queensu.ca/quic/wsa/orientation/index.htm)
UNIVERSITY OF OTTAWA

The University of Ottawa has several Global Health Programs happening in the Faculty of Medicine. Like other medical schools, there is an International Health Liaison Position on the medical students society, here named the Global Health Position; this individual is a liaison between students and global health opportunities, as well as being responsible for building programming on global health issues. Events organized by this position are done under the banner of MIHIG (Medical student International Health Interest Group) and/or the PHIG (Public Health Interest Group). As well there are several initiatives serving global health needs:

- The International Medical Elective Office, which approves and credits relevant global health electives and opportunities. This office also runs a password-protected website with global health links and opportunities.
- The Refugee Health Initiative provides an opportunity for medical students to interview and take histories of recently-arrived refugees to Ottawa. This training takes place under the supervision of a clinician, and events / fundraisers are held throughout the year for this initiative.
- The Ottawa Student Health Initiative is an interdepartmental initiative which allows medical students to carry out their own global health projects by linking them up with ethical organizations doing grassroots work in a particular country. Students are responsible for their own fundraising, and currently projects exist in South Africa, Malawi and Kenya.

Links

MCGILL UNIVERSITY

McGill Medicine has a Global Health Program, with close ties to its Institute for Health and Social Policy. The program started several years ago and is still growing, and has not yet had a significant impact on medical students. Much of the work is based around research internationally and the program offers several summer internships, however it is difficult for medical students to participate as these internships require four-month summers.

The GH Program influences the medical curriculum, with the Program Director working to infuse GH education into each of the medical system units. As well, at McGill the medical students themselves have come up with a GH elective for the undergraduate curriculum, with the advice of the Director of the GH Program.
The GH Program also is involved in work on advocacy and policy, working with students to establish a database of electives, establish the ethics of overseas electives, and the GH Program has hosted GH conferences.

Right now the main link between the GH Program and medical students is through student groups that work in the realm of GH and act as liaisons to the centre however, as the centre evolves it is hoped that GH programs will become more integrated into the medical program and will offer more concrete services.

Links
McGill Medicine: http://www.mcgill.ca/medicine/

DALHOUSIE UNIVERSITY

Dalhousie Medicine has an International Health Office (IHO) which enhances the understanding of and exposure to international aspects of medicine and health for students, faculty and staff of the Faculty of Medicine. The IHO is responsible for the promotion of international activities of the Faculty of Medicine; although the office currently only works with Medicine, they are expanding their activities to include both Dentistry and other Health Professions. The IHO is active in the Caribbean, Latin America, Asia, Africa and the Middle East, and it coordinates / is involved in a great number of projects:

- **Global Health Elective for Med 1 and 2 students:** Started in Fall 2006, 30 students from medicine, health professions and dentistry participated in the 2006/2007 elective
- **Interprofessional Tanzania Study Tour for Med 1 and 2 students:** Health Professions and Dentistry students. Gives students an opportunity to learn about global health issues in a developing country setting. This program started in 2004 as a medical student study tour. This program became an interprofessional one in 2007 and will continue as such. 21 students participated in the 2007 program (8 medical students).
- **South Africa Partners for Health Program for Med 1 and 2 students:** Provides students the opportunity to work with a non-profit HIV Clinic and learn about the health care system in East London, South Africa (3 medical students participated in the 2007 program)
- **International electives for Med 4 students:** one third of the class of 2007 completed an international elective
- **Global Health Initiative:** a student-run and organized interest group in global health. Open to all medical, dental and health professions students. The GHI organizes events and activities to raise awareness and curiosity in global health issues, and the IHO provides general support to GHI
- International Health Speakers Series: Co-presented by the IHO and GHI, this series started in 2005. The IHSS is presented monthly to the medical school and university community and is designed to raise awareness on specific projects, issues, organizations and efforts in global health. Past speakers include the Cuban Ambassador to Canada, Tanzanian Ministry of Health Officials, representatives from the International Red Cross and the World Bank as well as our own faculty, staff and students.

- Tropical Medicine Course in Thailand: this opportunity will be available to first and second year medical students and is planned for summer 2008.

- Elective Course in International Medicine/Global Disease: is being planned for Fall 2008 with the cooperation of Dr. Bob Anderson.

- Medical student advising for international activities: advising is provided for medical students wishing to participate in an international activity outside of the Faculty of Medicine program.

- GHI Workshops: The International Health Education Program will be presenting a series of workshops for interested students on preparing for international experiences including pre-departure preparation, choosing and organizing an elective, health & safety and dealing with culture shock. All overseas programs provide mandatory pre-departure preparation – typically over 5 months (1 meeting per month).

- Annual Rich Man Poor Man Dinner which raises funds for medical students participating in international electives and programs in developing countries.

- Population Health Unit for Medical Students: for the last 3 years (at least) students have worked with the Nova Scotia Gambia Association.

- Aboriginal Health: medical students have started an Aboriginal health interest group.

- Active Global Health Curriculum Initiative is working to incorporate global health into the standard medical school curriculum. Committee members include faculty, staff and students from the Faculty of Medicine. Proposal to include global health in the undergraduate curriculum has been accepted.

- The John P. Savage Memorial Award in International Health.

According to Dalhousie medical students, this office works well because it is dedicated to international activities in the Faculty of Medicine, and there is a staff person appointed to manage and develop student programs and able to provide support to students. The student-run Global Health Initiative receives support from the IHO, and the Speaker Series is very well received by staff and students. The staff of the IHO state that the key to operating a center like this is having dedicated (protected) faculty time for an international office as well as having a full-time staff position.

**Links**

Dalhousie Medicine: [http://www.medicine.dal.ca/](http://www.medicine.dal.ca/)

Dalhousie Medicine International Health Office: [http://iho.medicine.dal.ca/index.cfm](http://iho.medicine.dal.ca/index.cfm)
Compiled by
Michael Slatnik (IHL, The University of Western Ontario)

Contributors
Arnold Jacob (IHL, University of Toronto)
Ashley Pinsent (Dalhouse Medicine International Health Office)
Christy Kolt (IHL, University of Manitoba)
Colin Newman (IHL, Memorial University of Newfoundland) Doug Woudstra (IHL, University of Alberta)
D.J. Rodie (IHL, Queen’s University)
Fadi Hamadani (IHL, Ottawa University)
Jessie Breton (VP-IPP, Canadian Federation of Medical Students)
Leah Genge (IHL, Dalhousie University)
Nadia Shehata (IHL, University of Calgary)
Natalie Bocking (IHL, McMaster University)
Patrick Wong (IHL, University of Saskatchewan)
Reena Pattani (IHL, McGill University)
Rob Ciccarelli (IHL, University of Toronto)
Sukhjeet Dhilon (IHL, University of British Columbia)
Thomas Stark (IHL, University of Calgary)
Appendix 3

**Report of the SSMD Global Health Survey**
March 2008

282 individuals fully completed the online survey. The majority of survey responders were medical students (40%). Of the remaining respondents, 20% were clinical faculty and 20% were SSMD staff. 8% of respondents were basic science faculty. Only 4% of respondents were dental students.

**1. Which description best suits your involvement at the SSMD?**

<table>
<thead>
<tr>
<th>Description</th>
<th>Response Percent</th>
<th>Response Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical student</td>
<td>40.3%</td>
<td>158</td>
</tr>
<tr>
<td>Dental student</td>
<td>4.3%</td>
<td>17</td>
</tr>
<tr>
<td>Staff</td>
<td>20.4%</td>
<td>80</td>
</tr>
<tr>
<td>Faculty - clinical science</td>
<td>20.4%</td>
<td>80</td>
</tr>
<tr>
<td>Faculty - basic science</td>
<td>7.7%</td>
<td>30</td>
</tr>
<tr>
<td>Non-SSMD respondent</td>
<td>0.9%</td>
<td>27</td>
</tr>
</tbody>
</table>

Of full responders, 73% have never been involved in international programs or projects at SSMD. 17% of respondents are currently involved, and 30% have never been involved but would like to participate in SSMD global health programs and projects.

| 2. Are you currently involved in international projects or programs at the SSMD? |
|-----------------------------------------------------------------------------|------------------|----------------|
| Yes                                                                         | 17.7%            | 69             |
| Not currently, but involved in the past                                     | 10.0%            | 39             |
| Never involved in international programs or projects                         | 42.8%            | 167            |
| Never involved, but would like to be involved in the future                 | 30.0%            | 117            |

When asked about the definition of global health, 87% responded that it includes activities in underserviced communities within "developing" countries. 85% agreed that it includes activities in underserviced communities outside of Canada, and 64% agreed that global health includes activities in underserviced communities within Canada.
Furthermore, 94% agreed that global health activities include those relating to service. 91% agreed that education should be included, and 87% agreed that research should be included.

When asked which organizational structure would best support global health activities at SSMD, 37% of respondents indicated a UWO Global Development Centre that combines multiple faculties. 25% indicated an SSMD Global Health Office. It should be noted that detailed regarding what these structures would entail was not provided, and 12 respondents indicated in the comment section that they were unclear which structure would best support global health activities at SSMD.
When asked to choose the three most important global health activities that the SSMD should offer, 38% chose globally-related summer observership opportunities. 36% chose speaker/lecture series on global health. Tied at 28% were both ‘student and staff project funding opportunities’ and ‘integrated medical/dental curriculum on global health issues’.

<table>
<thead>
<tr>
<th>9. Which organizational structure would BEST support Global Health activities at SSMD? (choose one)</th>
<th>Response Percent</th>
<th>Response Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>A UWO Global development centre combining multiple faculties</td>
<td>38.8%</td>
<td>109</td>
</tr>
<tr>
<td>SSMD Associate Dean's Office</td>
<td>3.4%</td>
<td>10</td>
</tr>
<tr>
<td>SSMD Department</td>
<td>5.1%</td>
<td>15</td>
</tr>
<tr>
<td>SSMD Program</td>
<td>17.2%</td>
<td>51</td>
</tr>
<tr>
<td>SSMD Global Health Office</td>
<td>24.7%</td>
<td>73</td>
</tr>
<tr>
<td>Student and Faculty Global Health Club</td>
<td>9.5%</td>
<td>28</td>
</tr>
<tr>
<td>Other (please specify)</td>
<td>3.4%</td>
<td>10</td>
</tr>
</tbody>
</table>
8. From the same list of services, please choose the THREE most important services that the SSMD should offer. Select only three.

<table>
<thead>
<tr>
<th>Service</th>
<th>Response Percent</th>
<th>Response Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student and staff project funding opportunities</td>
<td>28.3%</td>
<td>83</td>
</tr>
<tr>
<td>Integrated medical/dental curriculum on global health issues</td>
<td>27.6%</td>
<td>81</td>
</tr>
<tr>
<td>Separate, elective courses for med/dental students on global health</td>
<td>17.1%</td>
<td>50</td>
</tr>
<tr>
<td>International/global elective, sabbatical and exchange information</td>
<td>31.4%</td>
<td>92</td>
</tr>
<tr>
<td>Globally-related summer observership opportunities</td>
<td>37.9%</td>
<td>111</td>
</tr>
<tr>
<td>Non-medical summer international volunteer opportunities</td>
<td>17.7%</td>
<td>52</td>
</tr>
<tr>
<td>Information on global health projects being run at other Canadian Medical and Dental Schools</td>
<td>14.7%</td>
<td>43</td>
</tr>
<tr>
<td>Speaker/Lecture Series on Global Health</td>
<td>35.8%</td>
<td>105</td>
</tr>
<tr>
<td>Pre-departure and re-entry sessions for medical and dental students working/volunteering internationally</td>
<td>16.4%</td>
<td>48</td>
</tr>
<tr>
<td>Literature on international health and development</td>
<td>17.1%</td>
<td>50</td>
</tr>
<tr>
<td>A faculty advisor on global health with &quot;office hours&quot;</td>
<td>14.3%</td>
<td>42</td>
</tr>
<tr>
<td>An International SSMD Listserv</td>
<td>8.2%</td>
<td>24</td>
</tr>
<tr>
<td>Established means of communication between faculty and students regarding global initiatives</td>
<td>27.0%</td>
<td>79</td>
</tr>
<tr>
<td>Other (please specify)</td>
<td>2.4%</td>
<td>7</td>
</tr>
</tbody>
</table>