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6-10-2015

MMASC in Global Health Systems in Africa

Global Health Systems Program

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WHY WE WOULD LIKE TO LAUNCH THE MMASC IN GHS-A IN SEPTEMBER 2015

1. LAUNCH OF THE UN'S 2015-2030 SUSTAINABLE DEVELOPMENT GOALS: SEPTEMBER 2015

The Global Health Systems in Africa (GHS-A) Graduate Programs are founded on the eight 2000-2015 UN Millennium Development Goals where **Western** has established strengths.

The post-2015 MDGs, will be replaced by seventeen 2015-2030 Sustainable Development Goals (draft was announced on June 2, 2015). These 17 SDGs are to be launched at the UN Sustainable Development Summit September 25 - 27, 2015. It would be meaningful to launch the MMASC in GHS-A program at the same time in order to track the SDG progress with GHS-A program evolution. There will be a lot of excitement in this field in the fall of 2015 and it would be worthwhile to harness (and add to) that energy.

2. RESOURCES ARE IN PLACE

A) Queen Elizabeth II Diamond Jubilee Scholarships (\$500,000 over 4 years)

Already deferred funds for 2015. We will not be able to defer funds for another year (2016).

41 OUTGOING (Western to Africa) **INTERSHIPS AVAILABLE** (\$5,000 each)

2015 = 5 (deferred), 2016 = 10, 2017 = 13, 2018 = 13

12 INCOMING (Africa to Western) **SCHOLARSHIPS AVAILABLE** (from proposal: \$36,600 each for 8 GDips, and \$56,400 each for 4 MMASC) (or 12 scholarships total at \$43,200 each)

B) Visiting Scholar - Dr. Francis Wegulo, Egerton University, Kenya – fall term 2015

We have funding for Dr. Wegulo to come to Western as a Visiting Scholar in 2015 (Sept – Dec). We want to get him to help develop GHS-A curriculum and deliver content.

C) Interdisciplinary Development Initiative funds

Has been unspent for 2 years.

D) GHS-A Instructors lined up for September 2015

They will help develop the courses in this first year, and provide a foundation for future instructors.

- **Foundations and Case Studies of Global Health in Africa** (0.5 FCE) - Dr. Michael Clarke (Schulich School of Medicine and Dentistry, former IDRC)
- **Global Health Data Analytics** (0.5 FCE) - Dr. Kamran Sedig (Departments of Computer Science and Faculty of Information and Media Studies)
- **Incubators and Accelerators of Innovation** (0.5 FCE) – Dr. Nicole Haggerty (Ivey) and Dr. Phaedra Henley (Department of Biology)
- **Bridging Research to Policy & Practice to Improve Global Health** (0.5 FCE) – Dr. Katrina Laurent (Department of Biology) and Roland Cormier (formally of Department of Fisheries and Oceans and the Food and Agriculture Organization of the United Nations)
- **International Field School** (Dr. Irena Creed and Dr. Charles Trick)
- **Career Development** – compulsory attendance (spans the fall and winter terms) (offered by the Faculty of Science) – Linda Jack (Faculty of Science)
- **Cultural, Ethical and Participatory Engagements in Africa** – compulsory attendance (spans the fall and winter terms) (new milestone) – Dr. Francis Wegulo (Department of Environment and Resources Development, Egerton University, Kenya – Visiting Scholar at Western)

E) International Field School

We have funding (International Curriculum Fund - ICF) to develop an International Field School in Uganda to be launched in Spring, 2016.

3. INTERNATIONAL FIELD SCHOOL TO BE LAUNCHED SPRING 2016

With the above ICF success we are developing an International Field School in Uganda. From June to July, 2015 we are going on a reconnaissance trip with an interdisciplinary group of Faculty who have expertise in developing and leading Field Schools in Africa (from Western and McGill Universities) including:

- Dr. Eric Arts (Microbiology & Immunology, **Schulich School of Medicine and Dentistry**)

- Dr. Henri Boyi (Department of French Studies, **Faculty of Arts & Humanities**)
- Dr. Lauren Chapman (**McGill University**, Department of Biology, Faculty of Science)
- Dr. Ian Colquhoun (Department of Anthropology, **Faculty of Social Sciences**)
- Dr. Irena Creed (Department of Biology, **Faculty of Science**)
- Dr. Phaedra Henley (Postdoctoral Fellow, Department of Biology, Faculty of Science)
- Jonah Hetherington (Student, **Ivey Business School**)
- Dr. Rüdiger Krahe (McGill University, Department of Biology, Faculty of Science)
- Dr. Angelika Meschede (McGill University, Department of Biology, Faculty of Science)

4. BUILD ON MOMENTUM FROM TREMENDOUS FACULTY SUPPORT

Since September 2014, we have met monthly with our **Africa Institute Advisory Committee** who is fully supportive of the GHS-A proposals. This includes Eric Arts (Microbiology & Immunology), David Cechetto (Anatomy & Cell Biology), Irena Creed (Biology), Sherrilene Classen (Occupational Therapy), Rhodri Cusack (Psychology and Medical Biophysics), Adam Garba (African Canadian Federation of London and Area), Phaedra Henley (Biology), Jonah Hetherington (Ivey), Julie McMullin (Sociology, Vice-Provost), Joanna Quinn (Political Sciences), Richard Saunders (Political Sciences, York University), Charles Trick (Biology, Public Health), Ernest Yanful (Engineering) and Julie Young-Marcellin (Sociology).

Since January 2014 we have met monthly with our **ad-hoc GHS-A curriculum development committee**, which includes Henri Boyi (French Studies), Michael Clarke (Schulich), Irena Creed, Nicole Haggerty (Ivey), Phaedra Henley, Isaac Luginaah (Geography), Katherine McKenna (Women's Studies), Taiwo Osinubi (English) and Andrew Walsh (Anthropology).

In support of our Collaborative Degree in GHS-A we have collected **17 CVs from Faculty** (and 1 pending – Dr. Ernest Yanful who is currently in Ghana) these include Arts, Boyi, Cechetto, Clarke, Classen, Creed, Cusack, Haggerty, Henley, Katrina Laurent (Biology), Luginaah, McMullin, Carole Orchard (Nursing), Quinn, Gregor Reid (Microbiology & Immunology), Trick, Walsh. We have support from **eight of the eleven Faculties' Associate Deans/Deans** (Science which is a proponent of the program and therefore did not provide a letter) as well as Social Science, Arts & Humanities, Engineering, FIMS, Health Sciences, Schulich Medicine and Dentistry and Music.

As well as consultation with the above groups (Advisory Committee, Curriculum Committee and Supporting Faculty) we have consulted with the following individuals when we were initially proposing a spoke focuses on water (Ashraf El-Damatty, Doug Jones, Ruth Martin, Margaret McGlynn, Dan Shrubsole).

5. STUDENT RECRUITMENT

We believe we have the ability to recruit at least 10 students to take the MMASc in GHS-A starting in September 2015. We are using our personal networks (in Canada and in Africa) to identify students who would be interested in this program.

We have scholarships (\$5,000 each) to cover Western student's summer 2016 internships from the QEII-DJ. We have full QEII-DJ scholarships available (4) for African Students to take the MMASc program. These include academic, travel and living expenses. We will be able to easily attract these students; the limiting factor would be attainment of visas in time for September.

6. SOLID BUDGET PLAN

SECONDARY OPTIONS FOR LAUNCHING THE MMASC IN GHS-A

1. Starting the program in October/November to allow African Students to obtain their Visas, and offer compressed courses in the Fall 2015 term.
2. Launch the program in January 2016.
3. Launch in September 2016. In order to utilize QEIIDJ funds in 2016, have students anticipated to start in September 2016 participate in an internship the summer prior (i.e., May-August 2016).

GHS Competencies Ideas

“Global Health Professional” Competencies – Consortium of Universities for Global Health (CUGH)

- Capacity Strengthening
- Collaborating and Partnering
- Ethical Reasoning
- Health Equity and Social Justice
- Program Management
- Socio-cultural and Political Awareness
- Strategic Analysis
- Global Burden of Disease
- Globalization of Health and Health Care
- Social and Environmental Determinants of Health

Values– Association of American Colleges and Universities

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| • Civic Engagement | • Competence |
| • Creative Thinking | • Lifelong Learning |
| • Critical Thinking | • Oral Communication |
| • Ethical Reasoning | • Problem Solving |
| • Global Learning | • Quantitative Literacy |
| • Information Literacy | • Reading |
| • Inquiry and Analysis | • Teamwork |
| • Integrative Learning | • Written Communication |
| • Intercultural Knowledge and | |