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Summary

The vibrant new CGH was officially launched in October 2005 through support from the Deans of the Schools of Medicine and Public Health, Nursing, Pharmacy, Veterinary Medicine and the Division of International Studies, and as a result of decades of work by many UW faculty, staff and students. Activities of the CGH were expanded to involve hundreds of students, staff and faculty of the UW and partners abroad.

The CCH focused on building a strong foundation during this critical developmental phase to enable sustained growth in the years to follow. Members of the steering committee met at least monthly to guide and conduct the following activities:

Educational Initiatives

- Offered monthly seminars and an annual symposium
- Strengthened existing and offered new interdisciplinary courses
- Completed plans for the new graduate Certificate in Global Health to begin in the fall of 2006
- Supported students to initiate a campus wide global health alliance
- Supervised more than 100 UW students in health related study abroad
- Launched a new Global Health Educational Fellowship program with support for 14 faculty and staff to travel abroad

Research and Grant Initiatives

- Secured a grant from the UW Division of Continuing Studies
- Collaborated on a proposal to US AID to expand education for health professionals and treatment of people with AIDS, tuberculosis and malaria in northern Uganda
- Facilitated submission of three proposals to the Wisconsin Institutes for Discovery

Partnerships

- Strengthened partnerships on campus with International and Area Studies, the Nelson Institute of Environmental Studies, the College Agriculture and Life Sciences, the College of Engineering, and the Law School
- Continued collaborations with partners in Belize, China, Ecuador, Mexico, Thailand and Ecuador
- Participated in national international meetings to share progress of the UW CGH

Administration

- Refined mission, objectives and priorities
- Managed and secured additional resources
- Streamlined processes for students' study and faculty travel abroad; assured adherence to approved policies and addressed areas of uncertainty
- Achieved approval and enhanced quality and consistency of courses and programs

This report to the Health Sciences Council provides background, an overview of CGH activities during the 2005-06 academic year, financial information, and potential for future growth.

1. Introduction and Overview

The University of Wisconsin-Madison Center for Global Health (CGH), formally established in October 2005, is a collaborative initiative of the UW Schools of Medicine and Public Health, Nursing, Pharmacy, and Veterinary Medicine, and the Division of International Studies. The CGH reports to the Health Sciences Council, is guided by an steering committee with representation from all participating units (see attachment 1), and is directed by Dr. Cynthia Haq.

The mission of the CGH is to promote interdisciplinary education, research and partnerships to address health issues that transcend national boundaries, and to contribute to sustainable health improvements for populations throughout the world.

The CGH seeks to accomplish its mission through the following goals:

- ❖ develop global health education programs
- ❖ advance global health research
- ❖ facilitate global health partnerships and exchanges
- ❖ foster an interdisciplinary network of global health scholars and practitioners

2. Highlights from the 2005-06 Academic Year

2.1 History and Establishment of the Center for Global Health

In our increasingly interconnected world there is an urgent need for physicians, nurses, pharmacists, veterinarians, public health practitioners, and experts from other fields to work collaboratively to address global health issues. Dr. Philip Farrell, dean of the UW School of Medicine and Public Health stimulated global health efforts when he initiated the International Health Advisory Committee (IHAC) in late 2001. The 24-member committee, comprised of experienced faculty and staff from all of the campus' health science units, the Division of International Studies, and community health professionals, was charged to recommend policies, expand programs and coordinate international health efforts among the health sciences schools.

The IHAC met monthly for more than a year to clarify policies and procedures related to the conduct of international programs. A retreat was held in 2002 to afford members time to envision vibrant UW-Madison global health programs. From this gathering, a small steering committee planned a course of action. The steering committee envisioned a UW center to enhance global health education, research and partnerships based on the principles of addressing health disparities; promoting interdisciplinary collaboration; and building lasting relationships to yield benefits to the UW and partners abroad. This vision energized students, staff and faculty.

Gilles Bousquet, UW-Madison Dean of International Studies, and his staff championed global health efforts as well. Realizing the potential synergy between the health sciences, social sciences, and agricultural and life sciences, Dean Bousquet provided seed funds to support the program and to develop new field-based courses on "Health, Language and Culture of Ecuador", and "Health and Disease in Uganda". Jeanette Roberts, Kathryn May, and Daryl Buss, Deans of Pharmacy, Nursing and

Veterinary Medicine respectively, pledged core seed funding for a period of three years beginning in 2005. Emeritus Professor Bill Young and his colleagues from the Rennebohm Foundation Board contributed more than \$175,000 in start-up funds in support of global health.

Transformation of the UW School of Medicine to a School of Medicine and Public Health was underway at the same time the Center for Global Health was being formed. Dr. Javier Nieto, Chair of Population Health Sciences, worked with his faculty to integrate public health education into the curriculum of the medical school and to offer a new Masters in Public Health degree. Recognizing that a foundation in global health is crucial to public health, Dr. Nieto and colleagues supported global health efforts.

Steering committee members devoted countless hours to draft proposals, refine ideas and develop plans for the center and a new graduate level Certificate in Global Health. These proposals, strongly supported by the Deans, culminated with approval of the new UW-Madison Center for Global Health in October 2005, and plans for a formal review after three years.

2.2 Steering Committee Retreat and Priorities

Dr. Barney Easterday, Emeritus Dean of the UW School of Veterinary Medicine, led 14 members of the steering committee in a daylong retreat in November 2005 to determine strategic priorities for the CGH (Attachment 2; Steering Committee Retreat Summary).

Steering committee members refined the vision, mission, goals, and objectives, and reaffirmed the importance of establishing and sustaining high quality education, research and partnership programs. Program objectives and outcome measures were identified. Members emphasized the importance of building programs that would add value and enhance the UW to gain lasting support and sustain global health efforts.

Education, Research and Partnership Initiatives

These activities are the heart of the CGH and are described in the sections to follow.

3. Educational Initiatives-Interdisciplinary

3.1 Global Health Seminars

The CGH sponsored more than a dozen formal seminars. Topics included scaling up treatment for people with AIDS in Uganda; a comparative analysis of health law in the European Union; conservation of the mountain gorilla in Central Africa; and the Millennium Development Goals (see Attachment 1). Dynamic leaders of the student Global Health Interest Group organized dozens of additional noon talks, potluck dinner meetings and discussion sessions in which students presented their work or explored global health with UW and visiting faculty. Seminars and symposia have heightened awareness on the UW campus about key challenges in global health, stimulated student and faculty interest, brought diverse members of campus together

to explore common themes, and facilitated further collaboration.

Seminars attracted a wide variety of participants including students, staff, faculty and community members. Audiences ranged from a few dozen to more than 200 individuals who attended the Global Health Symposium. Individuals who attended the seminars were invited to sign up to receive email notification through the global health list serve. More than 500 people are now included in the global health distribution list reflecting, strong and growing interest in global health. Additionally, many faculty, staff and students presented work supported by the CGH throughout the campus, in the greater Madison community, at national meetings and abroad.

3.2 Outreach Education Grant

The CGH was awarded a grant from the UW-Madison Division of Continuing Studies for \$188,000 to expand global health curriculum offerings and to make these courses accessible to continuing students. These funds, to be used in the 2005-06 academic year, allowed us to hire a new, part-time staff and technical consultants make our courses web-accessible. The grant also provided critical support for a greater number of faculty to become actively involved in field activities in preparation for the new Certificate in Global Health (see below).

3.3 Global Health Certificate

The Global Health Certificate was approved by the UAPC in September of 2005. During the course of the academic year preparations were made to admit students for fall of 2006. Preparations included coordinating with instructors of core and elective courses, defining the application process, publicizing the program, and selecting the first matriculates.

Forty applications from the fields of medicine, nursing, pharmacy, veterinary medicine, and other health-related fields were received. Of these, 18 were Capstone Candidates, while the remaining 22 were graduate students. The program was to be limited to 20 students for the first year, because the core courses have size restrictions, and to insure that all students had the support they needed to develop high quality field experiences. An admission committee of six people who represented the various health science and other disciplines evaluated personal statements, academic qualifications, and resumes. Admission was offered to 26 candidates. Successful applicants came from the schools of medicine (6), nursing (5), pharmacy (3) veterinary medicine (5) and other health related fields (7). Twelve of the candidates (45%) were accepted into the program as a Capstone Certificate.

The Global Health Certificate program will begin in the fall of 2006. Students will be required to complete four courses: 1) Fundamentals of International Health Care Systems; 2) Global Health Epidemiology; 3) Foundations for Global Health Practice; and 4) Global Health Field Experience. Certificate students will also be expected to choose at least one elective from more than a dozen global health related courses offered on campus. Efforts are in progress to define core competencies and outcome measures for the certificate graduates.

3.4 Global Health Fellowships

Due to an outreach education grant and contributions from (late) Emeritus Professor William H. Young and colleagues, the CGH was able to offer new Global Health Fellowships for Education. These fellowships are awarded to UW faculty, staff, and affiliates to pursue international travel related to student study tours and field courses; to develop content for global health courses; and to explore contacts and potential projects for future student field experiences and research. Fellowships enabled a greater number of faculty to participate in the student field courses, and provided opportunities for exploring opportunities with new partners.

During the 2005-2006 academic year fourteen UW Global Health Fellowships for Education were granted. Recipients from the fields of medicine, nursing, veterinary medicine, pharmacy and public health were as follows:

- Belize: Jeffery Nicholson (Physicians Assistant Program), James Shropshire (Medicine)
- Ecuador: Lori DiPrete Brown (Medicine), Nancy Forester (LACIS), Peter Bosscher (Engineering)
- Mexico: Mario Salguero (Medicine), Yolanda Garza (Nursing)
- Thailand: Connie Kraus (Pharmacy), Cristopher Olsen (Vet Med), Curt Johnson (Pharmacy), Jonathan Patz (Nelson Institute, Population Health Sciences), Thomas Yuill (Veterinary Medicine)
- Uganda: Linda Baumann (Nursing), Doug Dulli (Medicine)

3.5 Global Health Interest Group (from Hannah Kirking, GHIG leader)

The past year has been an exciting period of growth and expansion for the Global Health Interest Group (GHIG). The number of projects and activities has increased tremendously. Some highlights include the Global Health Symposium held in December, noon-time talks, informal pot lucks with various themes and discussions, students trips (Navajo Nation, Mexico, Uganda, Ecuador, individual trips), national conferences, summer internships and volunteer experiences, and vast improvements in the communication infrastructure such as new nested list serves and internet blogs. The medical student chapter of the GHIG sponsored more special sessions than any other group in the history of the medical school! Many of these sessions attracted students from many disciplines.

Because of the great increase of interest in global health from students with many different backgrounds, this spring students organized a campus-wide Global Health Alliance. This committee consists of interdisciplinary representatives from various student organizations and programs throughout campus who have interest in global health issues. The goal of this new alliance is to bridge communication and logistical gaps between programs on campus to better leverage all the opportunities available to students. Organizations and departments represented on the committee include environmental studies, international studies, engineering (Engineers Without Borders), veterinarian, pharmacy, nursing, audiology/communicative disorders, physical therapy, dietetics, medicine, public health, anthropology, geography, history, and the physician assistant program.

3.6 Global Health Courses

3.6.1 Foundations in Global Health Practice

Instructor: Lori DiPrete Brown, MSPH, Assistant Director,
Center for Global Health

Foundations for Global Health Practice is a 1-credit interdisciplinary course designed to prepare graduate students in the health sciences and related fields, as well as health professionals who are special students, for global health field work. The course focuses on general global health concepts and directs the students to complete individual readings and assignments, which, taken together, guide the students through the critical steps needed to prepare for a global health field experience. This course will be a requirement for the Certificate in Global Health that will be offered beginning September 2006. The course was offered during the first 8 weeks of the spring semester of 2006.

Topics included:

- Overview of global health;
- Health, culture and the health professional;
- Health indicators, geographical and sociocultural factors in country of elective study;
- Selected topics in global health;
- One health: reflections on the environment and human-animal interactions in health
- Institutions and organizations involved in global health;
- Social justice and global health;
- Staying safe and healthy during the global health field experience.

Eight students participated in the course for credit, including 1 medical student, 2 nursing students, 2 public health students, 1 pharmacy student, 1 physician, and 1 member of the community who holds a bachelor's degree. Over the next three years we hope to be able to offer the course in a web-based format in addition to the hybrid model described above.

3.6.2 Health and Disease in Uganda; Semester and Field Courses

Instructors: Cindy Haq MD, Linda Baumann RN, PhD, and UW and Makerere faculty from health and social sciences

The Uganda spring semester and field courses were offered for the third consecutive year.

Twenty-five students were enrolled in the semester course; these students included medical, nursing, veterinary, pharmacy, undergraduate, graduate and special students. Five students enrolled in the field course including nursing, medical, pharmacy and undergraduate students.

The 2-credit semester course introduced students to the broad determinants of health and strategies to address health problems with a focus on Uganda as an example of a developing country. The course addresses the themes of nutrition, infectious diseases and maternal and child health.

The 3-credit intensive field experience provided students with opportunities to travel to Uganda and participate in programs that address nutritional disorders, maternal and child health, and infectious diseases. Students visited hospitals, community health centers, nutritional units, schools, and participated in home visits. They spent one week living, learning and working with Makerere University health professional students and faculty in community health sites Uganda.

Feedback from the courses has been positive, with students commenting on the value of interdisciplinary perspectives, the chance to learn with a diverse group of colleagues, and the value of the experience of living and learning in Uganda. Future challenges include attracting greater numbers of students to the field course. High costs (about \$4000 per student) and schedule conflicts have limited participants.

3.6.3 Ecuador Field School for the Study of Language, Culture and Community Health

The Ecuador Field School for the Study of Language, Culture and Community Health is being offered for the fourth consecutive summer in 2006. Twenty-five undergraduate and graduate students in the health sciences (basic sciences, medicine, nursing, pharmacy and veterinary medicine) enrolled in the courses in 2005 and 2006. The Field School is a six-week, 3 credit Population Health course offering instruction in language, indigenous culture and health beliefs, and community health issues in the Andean and Amazonian regions of Ecuador. An integrated cross-disciplinary teaching approach brings together visiting UW faculty and Ecuadorian instructors with expertise in international public health, animal health, pharmacology, health systems, cultural anthropology, and development studies. An increasing curricular emphasis is on faculty-supervised community health outreach activities in underserved communities, conducted in partnership with Ecuadorian health organizations. A video documentary of the Field School was produced this year to highlight the educational value of this unique global health experience.

4. Research and Grant Initiatives

The CGH hopes to facilitate global health research of an interdisciplinary nature, while recognizing that successful research comes from faculty skills and initiative. Many UW faculty and groups are already independently pursuing research abroad or with international colleagues. The role of the CGH is to assist faculty who wish to add a global dimensions to their research and/or to facilitate networking with internal or external partners for collaborations.

During the academic year the CGH was involved in development of the following interdisciplinary proposals:

4.1 Expanding HIV, Malaria and Tuberculosis Services in Northern Uganda

The CGH facilitated key contacts for development of a proposal, led by the Milwaukee based Center for International Health (CIH), to organize seven Ugandan organizations and 21 healthcare professionals, complimented by seven U.S. organizations and 23 healthcare professionals, to expand HIV/AIDS, tuberculosis, and malaria services in the Acholi and Lango subregions of Northern Uganda through training, service delivery, and systemic capacity building. Additionally, this proposal will facilitate access to wrap-around services by leveraging additional resources and partnerships with governmental and nongovernmental activities. Specifically, 44 Ugandan and United States health professionals and 80 Ugandan medical students propose to form an intercontinental partnership to implement multiple interconnected project activities over the course of this initial \$16,546,805, three year grant, subject to a possible two year extension of time and budget. This proposal was submitted in early May. If funded a sub-contract will be developed with the CGH involving more than 7 UW faculty and staff in the project.

4.2 Discovery Seed Grant Proposals

The Wisconsin Institutes for Discovery announced a call for letters of intent proposing new interdisciplinary research and educational programs that might seed future research initiatives. Three separate proposals involving the CGH were submitted as follows.

4.2.1 Global Health Interdisciplinary Research and Education Network

Dr. Haq and colleagues in the CGH proposed to catalyze development of a UW based network of faculty, staff and external partners to address human, animal and environmental health through collaborative research and educational innovations. This project will activate partners from the Center for Global Health focused on human and animal health, the Nelson Institute for Environmental Studies, the Colleges of Engineering, Agriculture and Life Sciences, and International Studies. The environment, human and animal communities including the endangered mountain gorillas of the Virungas and Bwindi Impenetrable Forest in East Africa will serve as a living laboratory for this interdisciplinary research and educational collaboration.

4.2.2 An Interdisciplinary Undergraduate Certificate in Global Health

Professor Ken Shapiro and colleagues proposed to launch a new undergraduate certificate in global health co-sponsored by the (1) Center for Global Health, (2) College of Agricultural and Life Sciences, which would assume administrative leadership, (3) Division of International Studies, (4) International Studies Major, and (5) Nelson Institute for Environmental Studies the program would look not only at disease and malnutrition, but also at environmental, cultural, political, and educational aspects of global health. It would include (a) research on campus, (b) service learning in a developing country, and (c) new integrative coursework.

4.2.3 Improving and implementing stable isotope methods to measure vitamin A status in humans and track carotenoid biosynthesis in plants and uptake in birds and other animals

Dr. Tanumihardjo and colleagues from the College of Agriculture and Life Sciences,

Nutritional Sciences proposed to work with colleagues in the CGH to:

- To develop a definitive clinical method using ^{13}C -vitamin A to measure vitamin A status that can be used to monitor the prevalence of deficiency through toxicity in humans.
- To develop methods to grow plants in a ^{13}C -environment to isotopically enrich carotenoids.
- To track ^{13}C -label incorporation into plant carotenoids and distribution into birds.
- To determine the metabolism of ^{13}C -carotenoids in humans and animals.
- To develop tools for scientific collaboration across campus and between continents.
- Bridging disciplines, a state-of-the-art vitamin A assessment method that has immediate application in determining deficiency through toxicity will be developed that will involve end-users at all stages of the field work, sample collection, and preparation.

The successful application of this methodology will lead to a clinical test that can be used in trials looking at determinants of osteoporosis and cancer. Categories of research addressed include instrumentation, quantitative and mathematical biology, clinical research and epidemiology. Tanumihardjo has identified a number of collaborators across various disciplines to form a UW-Global Coalition.

5. Partnership Activities

Collaborations on campus

5.1 International, global and area studies

The CGH worked closely with faculty and staff of international and area studies to coordinate educational programs and seminars and to collaborate on grant proposals described above. Additionally, International and Area Studies submitted a new round of federal Title VI grant proposals, a major source of funding for area studies programs. Aili Tripp, International Studies liaison worked with the CGH to develop new ideas for collaboration and Title VI funding. Submissions included collaborations with the following units:

African, Latin American, Caribbean, Iberian Studies, and South East Asian Studies to improve current offerings and to develop new educational initiatives.

East Asian, CREECA and South Asian Studies to develop a program for global health fellowships and support for seminars and a symposium to focus on the global AIDS pandemic.

Global Studies to develop new interdisciplinary courses on global health.

5.2 Nelson Institute for Environmental Studies

Frances Westley, Director of the Nelson Institute, delivered the keynote address at the 2005 Global Health Symposium and addressed the Millennium Development Goals

and Health. This address identified the potential and outlined the need for increased collaboration across the campus, especially among health and environmental studies, to contribute to sustainable health development.

Dr. Jonathan Patz, a new faculty member with joint appointments in the Nelson Institute and the Dept. of Population Health Sciences, serves as a member of the CGH Steering Committee. Dr. Patz is also a member of the Sustainability and the Global Environment cluster, and is leading research regarding health, the environment, and climate change. He was recently awarded an IGERT grant to stimulate global interdisciplinary graduate research. We look forward to increased collaboration with Dr. Westley, Patz and colleagues at the Nelson Institute in the years ahead.

5.3 College of Agriculture and Life Sciences

Ties between the CGH and CALS have intensified during the year. Professor Ken Shapiro has joined the CGH steering committee as a senior advisor to help chart the course for expanded educational and research collaborations.

CGH faculty and staff have actively participated in CALS courses, seminars and vice versa. One example is the undergraduate course on *Health and Nutrition in Uganda*, directed by Dr. James Ntambi and John Ferrick, that was a model for development of the graduate level course on *Health and Disease in Uganda*. Collaboration among faculty in these courses has led to development of new ideas such as offering a new undergraduate certificate in global health. CGH and CALS members are also exploring educational and research collaborations in countries such as China, Thailand and Mexico where CALS members have programs in progress.

CGH faculty participated in the Hunger Symposium organized by CALS that included Dr. Florence Chenoweth, a member of the United Nations Food and Agriculture Organization. Ideas generated at this symposium and in follow-up discussions included expanding internship opportunities for UW students within the United Nations.

5.4 Law School

Professor Louise Trubek is leading a three-year initiative on Health Law and the European Union. The CGH worked with Professor Trubek and others to host the first annual symposium involving visiting faculty from Spain, England and Ireland. Visitors presented an overview of health systems and law in the EU and interacted with UW faculty to discuss lessons for the US. The CGH will continue to participate in this initiative during the next two years.

Collaborations abroad

Belize (pending)

China

The UW Dept of Family Medicine is involved in activities with faculty of Capitol University in Beijing to expand training of family doctors in China under the

leadership of Professor Ken Kushner. A number of exchanges occurred during the year: in August 2005 Drs. Kushner and Frey visited Beijing to participate in a national educational conference; in October 2005 two junior faculty visited the UW-Madison for a three week fellowship; in May 2006 eight health system leaders visited the UW DFM, CGH and UW Hospitals and Clinics to gain a better understanding of the role of family physicians in the US health system. Plans are underway to seek funding to train Chinese teachers of family medicine.

Ecuador (pending)

Mexico

During the 2005-2006 year the partnership between the Center for Global health and the University of Guadalajara at CUALTOS developed in breadth and scope to include activities in medicine, nursing and veterinary medicine. In the field of medicine Dr. Mario Salguero, an exchange scholar, came to UW for one year to collaborate in the area of alternative and complementary medicine. Dr. Salguero gave a Global Health Seminar and led a global health field course in Mexico for a group of medical students. This course will be the foundation for a future course that could be offered on an annual basis or as often as demand warrants. In the area of veterinary medicine a video-conference led by Chris Olson, Barney Easterday and others, was held among scholars at the two institutions to identify common research interests. Efforts are underway to place an exchange scholar in Veterinary Medicine in Marshfield, WI to work collaborative with veterinarians, staff of the Marshfield Clinic and a supervisor from UW Madison. Video-conferences were also help in the field of Nursing. Led by Rachel Rodriguez, they addressed topics of domestic violence and community and health system responses. As a result Dr. Rodriguez was invited to visit the Guadalajara campus and provide collaborative assistance on community-based research related to domestic violence. Dr. Yolanda Garza, also of UW accompanied her on the trip. Together they made presentations about domestic violence and sexual assault. With the team in Guadalajara they developed an action plan in both areas. Nursing representatives from the University of Guadalajara will visit Madison in August to learn about the kinds of services that can be offered and to continue the exchange.

Thailand

Several members of the Global Health steering committee visited Thailand on May 14-24, 2006. The main purposes for this visit were to receive feedback and critique on an interdisciplinary, elective course being developed to teach students at the University of Wisconsin-Madison about public health and tropical disease in Thailand and to explore the feasibility of creating public health field experiences in Thailand to complement the course.

Most of the institutions visited were interested in various forms of collaboration, but in particular, the Faculties of Public Health and Tropical Medicine of Mahidol University are interested in exploring collaboration with our group to assist in the development of course content and to potentially participate in teaching. Additionally, it appears very likely that an existing rural health training facility and

program associated with the Faculty of Public Health could accommodate UW students for a public health field experience.

Uganda

CGH activities in Uganda included educational and research initiatives described above. These include the Health and Disease in Uganda course; the US AID infectious diseases proposal; expanded research activities by Dr. James Ntambi and Linda Baumann on diabetes; training of Ugandan health professionals to care for people with HIV/AIDS by Dr. Frank Graziano.

The CGH hosted an international meeting of 'Friends of Uganda' to organize efforts among North American health professionals to strengthen primary health care education and human resources for health in Uganda and East Africa. Attendees included Dr. Sam Luboga, Makerere University College of Health Sciences Associate Dean for Medical Education, and faculty from the Universities of British Columbia, California, Harvard, several non-governmental organizations and more than a dozen UW faculty and staff.

6. Global Health Activities Specific to each School or Institute

6.1 Medicine and Public Health

Students, staff and faculty in the SMPH are actively involved in a wide spectrum of global health activities. More than X medical students studied abroad (see appendix). Dozens of UW faculty members are involved in international service missions and research collaborations.

6.2 School of Nursing (from Linda Baumann)

Rachel Rodriguez to ask her to submit something about her Malawi project and her participation in the video conferences with the U of Guadalajarja. I don't want my activities to appear twice, but they are:

Publication: Baumann, LC, Blobner, D., Binh, TV, & Lan, PT (March/April 2006). A training program for diabetes care in Vietnam. *The Diabetes Educator*, 32:189-194.

Grants: School of Nursing Faculty Research Award, 7/2005 - 6/2006, "A survey of Vietnamese adults with type 2 diabetes." \$29,628.

Graduate School Research Award, 7-1-06 to 6-30-07. Approaches to diabetes in Uganda. \$16,250. In collaboration with Professor James Ntambi.

6.3 School of Pharmacy (from Connie Kraus)

The UW School of Pharmacy has a rich tradition of training international students both at the graduate level in the basic and social sciences and professional students earning the PharmD degree. Additionally, several faculty members have developed international research initiatives.

Students from the School of Pharmacy continue to be actively involved in the global health interdisciplinary courses currently offered at UW including the Ecuador Field School and the course and field experience related to health and disease in Uganda.

In the spring of 2006, a fourth year Doctor of Pharmacy student will complete an elective clerkship in Ecuador with Dr. David Gaus. It is anticipated that this site will continue to serve as a site for senior pharmacy students for clinical rotations. During a recent visit to Thailand, opportunities for fourth year elective rotations were also explored with Faculties of Pharmacy from a number of institutions and there is a plan to develop a clinical rotation site in the upcoming year.

Finally, pharmacy students are forming a global health interest group, similar to the one existing in the School of Medicine and Public Health. A chair from the pharmacy interest group has been appointed to serve as a liaison to a student-run steering committee, which represents student leaders from the various health professions programs.

6.4 School of Veterinary Medicine (from Chris Olsen)

Between June 2005-June 2006, 19 veterinary medical students participated in global health activities through the University of Wisconsin-Madison School of Veterinary Medicine. These included activities such as Rural Area Veterinary Service (RAVS) trips (sponsored by the Humane Society of the United States) to Guatemala and Mexico, a clinical service trip to Ecuador, clinical externships and preceptorships in Poland and Colombia, and short-term research projects in Costa Rica, Colombia, and Uganda. In addition, School of Veterinary Medicine faculty continue to be actively engaged in research and education projects in many areas of the world, including Egypt, Taiwan, South Africa, the United Kingdom, France, Japan, China, and Vietnam. Finally, one of our faculty, Dr. Michael Collins, was a Fulbright Scholar in Chile during 2005.

(Note: these numbers and activities do not include the participation of 3 School of Veterinary Medicine students and one faculty member in the Center for Global Health-sponsored Ecuador course during 2005, and one student and one faculty member in the 2006 Ecuador program.)

7. Other Activities

7.1 Global Health Education Consortium (GHEC)

The GHEC is a consortium of North and Central American health professional schools working to teach and promote greater understanding of global health (see <http://www.globalhealth-ec.org/>). The GHEC produces a newsletter, is developing core curricula, a resource data bank, and sponsors annual and regional conferences. Dr. Haq published, presented and represented the CGH at the GHEC annual conference in Toronto, Canada. Her presentations triggered a great deal of interest with visits from faculty members from the Universities of Illinois, Michigan and Texas, and the Maine Medical Center to learn how to strengthen global health within academic health centers.

7.2 Global Health Council

International Health Conference on Global Health Excellence Innovation and Influence: Pathways and Results, May 30th – June 2nd 2006, Washington, DC
Lori DiPrete Brown, MSPH, Assistant Director of the Center for Global Health, attended the Global Health Council conference from May 30th to June 2nd. The objectives of attendance at the conference were to promote the UW-Madison Center for Global Health and explore the roles of university-based efforts in the work of the Council, to identify opportunities for students, faculty and graduates, and to explore potential for research and field activities for the Center for Global Health.

A number of public health schools (Hopkins, Colombia, University of North Carolina, Harvard) and university-based global health centers were represented at the conference. Points of contact to share information were made with the Vanderbilt University Medical Center, University of Maryland School of Medicine, University of Virginia, University of Alabama Birmingham and the University of Virginia. Most of the programs were small in scale and had a focus on education, partnership and service. Two centers, the Maryland School of Medicine and the Alabama Sparkman Center for Global Health were recipients of the Fogarty framework grant. Given the extent to which university-based centers were represented at this conference, the Center for Global Health should consider hosting a roundtable, presentation or exhibit for the 2006-2007 conference.

The conference was an opportunity to identify many opportunities for students, faculty and graduates. For example, the Global Service Corps has opportunities in Tanzania and Thailand. The Hopkins Health and Child Survival Fellows Program and the Michigan Population fellows Program have internships that UW students or graduates can apply for. Further the many implementing agencies that presented their work at the conference could be a source of consulting, sub-contracts, or volunteer internships for students. Lori spoke with representatives from a number of these firms and several expressed an interest in collaborating and receiving our students as volunteer interns.

The main areas of potential funding for research and field activities are in the area of prevention, treatment and care of people with AIDS, malaria and tuberculosis. There was discussion at the conference about the tension between these vertical programs and the need to strengthen primary health care more generally. Paul Farmer who addressed this topic in his talk, stressed that he felt that these programs could be designed so that they strengthen primary care and promote social justice. During a panel on evaluation Roger Glass (Director of the Fogarty Center) and Richard Feachem, Director of the Global Fund to Fight AIDS TB and malaria, spoke about the importance of rigorous evaluation of these programs which are being rolled out and scaled up on a massive scale. The research needs include program evaluation as well as rigorously designed research studies which can document effectiveness of specific programs and protocols. All Global Fund Projects have 5-10% of their funds earmarked for evaluation. This type of research could be a special niche for university-based Centers. Lori also met with Dr. James Heiby, USAID –Washington Medical Officer, who advised that in addition to evaluation there is a need to develop human resource strategies that are efficient and provide high quality services. This

means health worker training, and determining the best provider mix in the care and treatment of these diseases. This is another topic that could be a focus area for research for the Center. There is also an increase in resources available for assisting orphans and vulnerable children. While many faith-based organizations will do this work, there is a need for quality assurance in the form of program standards and evaluation.

In addition to networking with a number of global health organizations, Lori gathered resources in the forms of books and DVDs that will be catalogued in the Ebling library.

8. Financial Information

8.1 Budget

During 2005-2006 the Center for Global Health financial strategy for securing funds for the next three to five years was to pursue contributions from schools, internal grants, and donor gifts. All three strategies were successful with school based contributions totaling about \$180,000, an internal grant for support of outreach education of \$177,000, and donor gifts of \$75,000. The total revenue for 2005-2006 was \$421,102.

Below is a summary of income and expenses for the year (see attachment 5) These estimated expenses of \$232,733 (to be finalized based on June 30th 2006 financial reports) include costs for Center for Global Health core staff, the Global Health Symposium and Seminar Series, the Global Health Fellows Program, and field activities related to courses and partnerships.

The funds available for roll-over (approximately \$188,368) will be spread evenly over the 2006-2007 and 2007-2008 so that the program should be able to sustain the current activity level if the support of the schools stays at current levels. Outside grants from donors such as NIH, USAID and donations will also be pursued.

8.2 Grant management

8.3 Revenues

8.4 Expenditures

8.5 Future funding

9. Strategic directions

Attachments 1. GHP Steering Committee Members

Linda Baumann, Professor, School of Nursing

Debra Coe-Bradish, Director, Medical & House Staff Admin.

James Conway, Associate Professor, Pediatric Infectious Disease, School of Medicine

Cynthia Haq, Professor, Family Medicine and Population Health Sciences

Connie Kraus, Clinical Associate Professor, School of Pharmacy

Christopher Olsen, Professor, School of Veterinary Medicine

Jonathan Patz, Associate Professor and Director, Global Environmental Health Center for Sustainability and the Global Environment

Aili Mari Tripp, Associate Dean, Division of International Studies

Senior Advisors

Ann Behrmann, Faculty Advisor, Global Health Interest Group

Bernard Easterday, Professor Emeritus, School of Veterinary Medicine

Craig Gjerde, Professor, Family Medicine, Director of Faculty Development

Curtis Johnson, Professor Emeritus, School of Pharmacy

Ken Shapiro, Associate Dean, Agriculture and Life Sciences

Frances Westley, Director, Gaylord Nelson Institute for Environmental Studies
Professor, Environmental Studies

Staff

Cynthia Haq, Director, Center for Global Health

Lori DiPrete Brown, Assistant Director, Center for Global Health

Melissa Coons, Administrator, Center for Global Health

Betsy Tiegland, Network and Resource Coordinator

Student Representatives

DeAnna Friedman, 1st year Medical Student

Hannah Kirking, 1st year Medical Student

Patrick McKenna, 2nd yr Med Student

Attachment 2

Center for Global Health Steering Committee Retreat

November 28, 2005

Meeting Summary

Participants: Linda Baumann, Ann Behrmann, Jim Conway, Melissa Coons, Lori DiPrete Brown, Barney Easterday, Don Gray, Cindy Haq, Curt Johnson, Connie Kraus, Patrick McKenna, Jonathon Patz, Heather Peto, Aili Tripp.

I. Introduction and Sharing of Retreat Expectations

Cindy Haq opened the retreat with a welcome and congratulated the group. She encouraged the team to reflect and celebrate accomplishments, as many goals articulated in previous retreats (establishment the Center, develop partnerships, recruit new faculty, and expand Global Health course offerings) have been accomplished. Now there is a great deal of work to do to develop areas of focus and ensure sustainability of the Center.

Barney Easterday led the retreat. He evoked the following quote as a reflection and point of departure:

“The future belongs to those who believe in the beauty of their dreams.” Eleanor Roosevelt.

Barney asked the group to share their expectations for the retreat, which are summarized as follows:

- Develop a one year plan
- Develop 5or 6 action plans and then prioritize them.
- Outline a longer term plan and what it will take in the next year to get there
- Review the function of this center to be inclusive and avoid duplication
- Look at the big picture and think big about resources and way to combine expertise
- Identify ways to involve health professionals in the community
- Define strategies to expand faculty involvement from participating schools
- Identify unique grants that we could pursue
- Build trust within the group, be aware of goals and aspirations of individuals
- Explore how to ignite interest in global health in the university and the community.

II. Refinement of Mission and Goal Statements

Barney asked the group to think about the Center for Global Health’s mission, targets, priorities and strategies. A broad discussion ensued which included clarification of terms (vision, mission,

goals, objectives. Etc.), identified issues (see below) and led to a group review of the Center's vision, mission and goals. The refined vision, mission and goals are as follows:

Vision Statement: Contributing to sustainable health improvements for populations throughout the world.

Mission Statement: The UW Center for Global Health promotes interdisciplinary education, research and partnerships to address health issues that transcend national boundaries.

Goals: 1) develop global health education programs; 2) advance global health research, 3) facilitate global health partnerships and exchanges and 4) foster an interdisciplinary network of global health scholars and practitioners.

III. Objectives for next 1-5 Years

A. Education

Implement Global Health Certificate (Graduate and Capstone)
Sustain and Develop Field Courses (Uganda, Thailand, Ecuador, others?)
Sustain and develop Global Health Courses (core requirements and electives)
Continue Seminar Series and Symposium
Define global health skills or competencies that can serve as program objectives and evaluation criteria

B. Research

Emphasize programs that are mutually beneficial to the research partners
Schools may move at different pace depending on size and faculty interests
Develop "flagship" project(s) that bring together our interdisciplinary skills, and take advantage of our unique capabilities

C. Partnerships

Develop activities in countries where we have begun work (Uganda, Ecuador, Mexico) and branch out into new areas (Thailand, South Africa)
There are a number of other countries with activities underway in which interdisciplinary partnerships could be developed (Belize, Vietnam, China)
We need to establish clear criteria for partnerships countries, institutions and sites

D. Sustainability Plan for Center

"Branding" for the Center is needed, why are we unique? –interdisciplinary approach
Need to develop a range of resources from ongoing support from schools, donors and grants. We need to continue to celebrate, publicize and promote our activities and demonstrate that the Center for Global Health adds value to the UW

IV. Issues for Future Consideration; Follow-up Tasks

Develop and maintain an inventory of global health activities at UW

Develop and activate our network of affiliates

Are there other schools or institutes who should be part of the center (CALs, Engineering, Nelson Institute, others)

Incentives and rewards for faculty need to be developed

A detailed plan for program evaluation is needed – how does our center add value for students, faculty, UW?

V. Individual Priorities and Commitments

In closure, Barney and Cindy asked members to comment on what their priorities would be for contributions to Global Health in the coming year.

Gray - South Africa Partnership

Patz – Sustainable development, link between health and environment

Brown – Certificate Program

Peto – Make GHIG more interdisciplinary

McKenna – engage more people and collaboration among students

Coons – Web site

Easterday – will help – “just ask”

Olsen – Ecuador, Thailand, help with developing proposals

Conway – Teaching infectious disease, interest in established and new field sites, seek funding

Behrmann – Guide GHIG, serve as community liaison, help with web, build library resources

Johnson- Ecuador and Thailand, engage pharmacists in this work, foster interdisciplinary activity

Krauss – Links to inter-professional education, lead Thailand initiative, identify more alumni

Haq – Guide development of center for lasting value and sustainability, mobilize team, secure short and longer-term resources, sustain and communicate progress.

Attachment 3: Global Health Seminars 2005-2006 Academic Year

- September 14** *Beating the Drum Loudly: Uganda's Response to HIV/AIDS*
Cindy Haq, MD, Director, UW Center for Global Health
John Liu, Documentary film maker, Beijing, China
- October 13** *Advancing Global Health Amidst Conflict*
Richard Garfield, RN DrPH, Colombia University
- November 2** *Linking Environment and Genetics*
Mario Salguero, MD
Visiting Scholar from the University of Guadalajara Mexico
- December 7** *Second Annual UW-Madison Global Health Symposium*
Global Health and the Millennium Development Goals
Keynote Speaker: Francis Westley, PhD, Director Nelson Institute
- February 8** *The Promotion of Women's Health and Human Rights in Bolivia*
The Experiences of an Aymara Woman Leader
Srta. Felipa Huanca Llupanqui, Aymara grassroots leader from La Paz, Bolivia
- March 1** *Politics and Love: Medical Training in Malawi*
Claire Wendland, MD, PhD, UW-Madison Department of Anthropology
- March 9** World Kidney Day Symposium
Vishnu Moorthy MD, Bryan Becker MD, Pat Remington MD, MPH
- March 30** *One Health Approach to Mountain Gorilla Conservation*
Mike Cranfield, DVM
Director, Mountain Gorilla Veterinary Project
Senior Veterinarian, Maryland Zoo in Baltimore
- April 6** *The Global Burden of Cardiovascular Disease*
Laura Hayman, PhD, RN
Professor of Nursing, Nutrition and Public Health, New York University
- April 24** *Public Health and Comparative Health Policy in the European Union: A Transatlantic Dialogue*
A workshop Co-sponsored by the European Union Center of Excellence (EUCE), the Department of Population Sciences of the Medical School, the Health Law Project of the UW Law School and Center for World Affairs and Global Economy (WAGE).
- April 27** *Teaching New Dogs Old Tricks: Immunization Programs in Kenya*
James H. Conway, MD
Department of Pediatrics, Division of Pediatric Infectious Disease

Attachment 4: Study Abroad

Travel for 2005-2006

The Center for Global Health sent 81 students abroad in the 2005-06 academic year, plus 24 not directly sponsored by the CGH.

The International Health Elective is made up primarily of med4s (2 med3s this year) doing electives in the countries of their choice. This year the Center for Global Health sent 35 students to 14 different countries. The following is a list of those countries and the number of students going to each.

4	Belize
1	Costa Rica
9	Ecuador
5	Haiti
1	Honduras
3	India
1	Kenya
1	Mexico
1	Nigeria
3	Norway
3	Philippines
2	South Africa
1	Uganda
2	Vietnam

Courses offered this year by the Center for Global Health consisted of field work in **Uganda** and **Ecuador**. Five students went to Uganda on a field experience for three weeks beginning May 13 through June 2. The Uganda trip consisted of 1 medical student, 1 pharmacy student, 1 agriculture student, 1 nursing student and 1 pharmacy student. Twelve students participated in the Ecuador Field School; 1 clinical labs, 1 veterinary medicine, 1 neurobiology, 2 biology, 3 pharmacy, 4 medicine.

Independent study this year consisted of varied opportunities. There were two spring break study tours developed by 13 medical students: 9 students went to the Navajo Nation in New Mexico and 4 students went to Guatalajara, Mexico. Two study tours involving 17 medical students will be going to Guatemala this summer to do volunteer work with the San Lucas Health Project. Also doing independent study this year are 7 students doing independent summer electives. Five are medical students, 1 is in population health and 1 is in public health. Three are going to India, 1 to the UK, 1 to Vietnam, 1 to Belize and 1 to Mexico.

Student Travel for 05-06 Academic Year

Student	Country	Site	School	Dates
35 International Health Elective Students				
Adams, Maryalyse Mercado	Ecuador	Family Medicine	Medicine	1/23-3/3
Albanese, Lisa	India	City Heart & Medical Centre	Medicine	3/4-4/1
Alt, Jennifer	India	CFHI Traditional Medicine	Medicine	4/1-5/2
Aschbrenner, Mathew	Philippines	Free Rural Eye Clinic	Medicine	4/2-4/15
Bachhuber, Melissa	Mexico	CFHI	Medicine	4/1-4/29
Boex, Rebecca	Ecuador	Family Medicine	Medicine	1/15-2/12
Cowan, Brianna	South Africa	CFHI	Medicine	3/29-5/10
Cowell, Li	Philippines	Free Rural Eye Clinic	Medicine	1/15-2/10
Dahlgren, Karie	Belize	Hillside Healthcare Center	Medicine	4/1-4/29
Daul, Anne	Costa Rica	Hospital William Allen	Medicine	6/18-7/17
Esmali, Neda	Philippines?	Free Clinic	Medicine	1/28-2/25
Esselink, Barbara	Nigeria	ECWAEvangel Hospital	Medicine	3/4-5/5
Gerl, Sarah	Belize	Hillside	Medicine	1/29-2/27
Gerl, Sarah	Ecuador	Family Practice	Medicine	3/27-5/1
Hanson, Meghan	Norway	University of Oslo	Medicine	8/29-9/23
Jacobson, Lisa	Belize	Hillside Clinic	Medicine	3/31-5/10
Jonkman, Tracy	Kenya	Kenyan Anglican Church	Medicine	3/18-4/14

Kindschi, Kari	Norway	University of Oslo	Medicine	8/29-9/23
Kissee, Michelle	Ecuador	Family Practice	Medicine	1/31-3/2
Lelkes, Efrat	Uganda	Makerere University	Medicine	11/14 – 12/16
Lum, Hillary	Haiti	Faith Alive	Medicine	4/13-6/10
Malec, Lynn Marie	Haiti	Haitians Helping Haitians Mission	Medicine	1/17-2/3
Meyer, Jenny	South Africa	Child Family Health Intl.	Medicine	2/4–3/4
Midelfort, Leila	Honduras	Shoulder to Shoulder	Medicine	4/14-5/10
Mowris, Danae	Haiti	Friends of Haiti	Medicine	3/20-3/27
Muchow, Ryan	Ecuador	Family Practice	Medicine	3/4-4/2
Pawlak, Mary	Vietnam	Cho Ray Hospital	Medicine	12/6-12/31
Pierce, Surya	India	Tibetan Delek Hospital	Medicine	4/1-4/30
Pruhs, Zachary	Haiti	Hospital Tediatrique St. Damien	Medicine	2/24-3/4
Pruhs, Zachary	Ecuador	Family Practice	Medicine	5/1-5/15
Riepenhoff, Rob	Vietnam	Bach Mai Hospital	Medicine	4/15-5/10
Sawtelle, Stacy	Ecuador	Family Practice	Medicine	4/2-5/1
Stadler, Michael	Belize	Hillside Healthcare Center	Medicine	3/31-4/28
Truong, Hai	Haiti	Friends of Haiti	Medicine	3/18-3/31
Tyser, Andy	Ecuador	Family Medicine	Medicine	4/15-5/15
Upton, David	Norway	University of Oslo	Medicine	4/1-5/5
Wise, Steven	Ecuador	Family Medicine	Medicine	3/5-4/22

Global Health Field Courses – 5 to Uganda, 12 Ecuador				
DeAnna Freidman	Uganda Field Course	Makerere University	Medicine	5/12-7/30
Gielissen, Katherine	Uganda Field Course	Makerere University	CALS	5/12-6/11
Mickelson, Ryan	Uganda Field Course	Makerere University	Pharmacy	5/12-6/11
Olson, Lindsay	Uganda Field Course	Makerere University	Nursing	5/12-6/11
Schofield, Christine	Uganda Field Course	Makerere University	Bacteriology	5/12-6/11
Ammerman, Tara	Ecuador Field	Otavalo	Pharmacy	5/27-7/7
Fleming, Elizabeth	Ecuador Field	Otavalo	Neurobiology	5/27-7/7
Hoffmann, Sarah	Ecuador Field	Otavalo	Biology	5/27-7/7
Leblanc, Vanessa	Ecuador Field	Otavalo	Medicine	5/27-7/7
Lucht, Kelly	Ecuador Field	Otavalo	Clinical Lab	5/27-7/7
McCarty, Kyle	Ecuador Field	Otavalo	Medicine	5/27-7/7
Mills, David	Ecuador Field	Otavalo	Biology	5/27-7/7
O'Malley, Jennifer	Ecuador Field	Otavalo	Pharmacy	5/27-7/7
Stanculescu, Alexandra	Ecuador Field	Otavalo	Medicine	5/27-7/7
Sullivan, Julie	Ecuador Field	Otavalo	Medicine	5/27-7/7
Wilcox, Jennifer	Ecuador Field	Otavalo	Vet Med	5/27-7/7
Zoellner, Eva	Ecuador Field	Otavalo	Pharmacy	5/27-7/7
29 Independent Study Students				
Divjak, Angela	New Mexico	Navajo Nation	Medicine	3/12-3/18
Durst, Janelle	New Mexico	Navajo Nation	Medicine	3/12-3/18

Kolan, Anne	New Mexico	Navajo Nation	Medicine	3/12-3/18
Mathei, David	New Mexico	Navajo Nation	Medicine	3/12-3/18
Mauer, Lisa	New Mexico	Navajo Nation	Medicine	3/12-3/18
Pfefferkorn, Branden	New Mexico	Navajo Nation	Medicine	3/12-3/18
Reis, Diane	New Mexico	Navajo Nation	Medicine	3/12-3/18
Selkie, Ellen	New Mexico	Navajo Nation	Medicine	3/12-3/18
Wells, Jason	New Mexico	Navajo Nation	Medicine	3/12-3/18
Breunig, Adam	Mexico	Guadalajara Program	Medicine	3/11-3/19
Kasprzak, Julia	Mexico	Guadalajara Program	Medicine	3/11-3/19
Nash, Nikki	Mexico	Guadalajara Program	Medicine	3/11-3/19
Sherkow, Colleen	Mexico	Guadalajara Program	Medicine	3/11-3/19
Calderon, Analisa	India Summer Elective	Himalayan Health	Medicine	5/20-7/11
Chen, Elliza	India Summer Elective	Himalayan Health	Medicine	5/26-7/7
Galewyrick, Sarah	UK Summer Elective	IGBIS/Ruschliffe PCT Internship	Medicine	5/18-7/14
Hartman, Jeff	Belize Summer Elective	Hillside Clinic	Public Health	5/18-7/28
Myal, Dwayne	Vietnam Summer Elective	Center for Disease Control	Population Health	5/31-7/14
Nardine, Timothy	Mexico Summer Elective	Oaxaca	Medicine	5/27-7/17
Siegfried, Sibyl	India Summer Elective	Himalayan Health	Medicine	5/27-7/7
Bichler, Allison	Guatemala Trip	San Lucas Health Project	Medicine	6/11-6-24
Corey, Anna	Guatemala Trip	San Lucas Health Project	Medicine	6/11-6-24
Frame, Nick	Guatemala Trip	San Lucas Health Project	Medicine	6/11-6-24

Kirking, Hannah	Guatemala Trip	San Lucas Health Project	Medicine	6/11-6-24
Long, Micah	Guatemala Trip	San Lucas Health Project	Medicine	6/11-6-24
Meier, Amy	Guatemala Trip	San Lucas Health Project	Medicine	6/11-6-24
Herrforth, Casey	Guatemala Trip	San Lucas Health Project	Medicine	6/24-7/8
Lesi, Adebanye	Guatemala Trip	San Lucas Health Project	Medicine	6/24-7/8
Stein, Jill	Guatemala Trip	San Lucas Health Project	Medicine	6/24-7/8
24 students traveled abroad not directly sponsored by the Center for Global Health				
*Guex-Clark, Erin	Guatemala Trip	San Lucas Health Project	Medicine	6/11-6-24
*Spangenberg, Dan	Guatemala Trip	San Lucas Health Project	Medicine	6/11-6-24
*Koehler, Shannon	Guatemala Trip	San Lucas Health Project	Medicine	6/24-7/8
*McKenney, Rachel	Guatemala Trip	San Lucas Health Project	Medicine	6/24-7/8
*Parnes, Sarah	Guatemala Trip	San Lucas Health Project	Medicine	6/24-7/8
*Jennifer Roedel	Guatemala Trip	San Lucas Health Project	Medicine	6/24-7/8
*Kisha Thomas	Guatemala Trip	San Lucas Health Project	Medicine	6/24-7/8
*Erin Uttech	Guatemala Trip	San Lucas Health Project	Medicine	6/24-7/8
*Siudak-Campfield, Joanna	Poland	Veterinary Medicine Externship	Vet Med	
*Siudak-Campfield, Joanna	Costa Rica	School of Veterinary Medicine- and Vilas Zoo-sponsored project	Vet Med	
*Tavares, Julie	Colombia	Veterinary Medicine Preceptorship	Vet Med	
*Tavares, Julie	Guatemala	Rural Area Veterinary Service (RAVS) trip	Vet Med	
*Mahaney, Julie	Guatemala	RAVS trip	Vet Med	
*Magestro, Sue	Guatemala	RAVS trip	Vet Med	

*Beestman, Colleen	Ecuador Field Course 2005	Otavalo	Vet Med	
*Boleslawski, Maria	Ecuador Field Course 2005	Otavalo	Vet Med	
*Johnson, Holly Jean	Ecuador Field Course 2005	Otavalo	Vet Med	
*Fox, Maureen	Colombia	School of Veterinary Medicine- and Vilas Zoo-sponsored project	Vet Med	
*Rodman, Diane	Mexico	RAVS trip	Vet Med	
*Mentink, Diane	Ecuador	Veterinary Mission trip	Vet Med	
*Johnson, Megan Coveyou	Ecuador	Veterinary Mission trip	Vet Med	
*Huggins, Katherine	Ecuador	Veterinary Mission trip	Vet Med	
*Gottfredsen, Charity	Ecuador	Veterinary Mission trip	Vet Med	
*Verstoppen, Jammie	Ecuador	Veterinary Mission trip	Vet Med	
*Arce, Marilyn	Ecuador	Veterinary Mission trip	Vet Med	
*Arble, Bennett	Uganda	MPH field project	Vet Med, Public Health	

Attachment 5

Center for Global Health Summary of Revenue and Expenses 2005-2006

Sources of Revenue 2005-2006

School of Medicine and Public Health	\$70,386.00
Division of International Studies (Haq)	\$35,000.00
School of Medicine and Public Health (Haq)	\$33,500.00
School of Veterinary Medicine	\$15,000.00
School of Pharmacy	\$15,000.00
School of Nursing (10k in-kind for 2006-7)	\$0.00
Outreach Education Grant	\$177,216.00
Rollover Funds	\$0.00
Donor Gifts	\$75,000.00
Total Revenue	\$421,102.00

Estimated Expenses for FY 2005-2006

Salaries

		fringes	
Haq	\$55,855.00	0.34	\$18,990.70
Brown	\$37,375.00	0.34	12,707.50
Coons	\$13,686.00	0.47	6,432.42
Teigland	\$5,484.00	0.34	1,864.56
Baumann	\$9,952.00	0.34	3,383.68
Volk	\$2,237.80	0.34	760.85
Rachel -Student	\$1,440.00	0.02	28.80
Patrick- Student	\$360.00	0.02	7.20
Ryan- Student	\$360.00	0.02	7.20
Florence-Student	\$1,000.00	0.02	20.00
Salary Sub-total	\$127,749.80		
Fringe	\$44,202.91	fringes	<u>44,202.91</u>

S&E

Consultants

Teigland	\$2,234.00
Forster	\$2,500.00
Ecuador Video	\$1,500.00
Distance Education	\$7,000.00

Conferences

GHEC Conf and Membership	\$1,167.00
GHC	\$780.00

Travel		
	Thailand	\$13,331.00
	Uganda	\$6,552.00
	Uganda Program Fee Supp.	\$2,000.00
	Belize	\$2,638.00
	Ecuador	\$5,053.00
	Mexico	\$1,343.64
Office Supplies		
	Computers	\$7,692.00
	Cell Phones for Field Courses	\$710.00
	Other office supplies	\$380.00
	Medical Equipment kits (2)	\$900.00
	Books	\$1,500.00
	Ecuador Orientation	\$800.00
	Ecuador Course	
	Pak	\$800.00
	Printing Brochures, etc.	\$838.00
	Food/meetings (5)	\$1,062.00
S&E subtotal		\$60,780.64
TOTAL		\$232,733.35
Funds Available for 2006-2008		\$188,368.65