

**Susan Reeser**

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**From:** Elliot Slotnick  
**Sent:** Monday, November 24, 2008 6:38 PM  
**To:** 'Potter, Pamela '  
**Cc:** Dena Myers; Susan Reeser; 'Cormier, J. Briggs'; Randy Smith; Patrick Osmer; Tim Watson  
**Subject:** RE: Follow upGIS Global Health

Dear Pam,

Just a brief note to let you know that, with the cosmetic revisions, your proposal to establish a Graduate Interdisciplinary Specialization in Global Health was endorsed by the Curriculum Committee of the Graduate Council last week and, today, it was approved by the full Graduate Council. Congratulations! Susan Reeser will be forwarding the proposal and our iterative e-mails regarding revisions to Briggs Cormier for initiating further review in the Council on Academic Affairs. For my part, I will start a conversation with Tim Watson regarding whatever steps we need to take so that professional students can be credentialed by the Graduate School with a transcript designation once this specialization receives final approval. It has been a pleasure working with you on this exciting curriculum initiative.

Best,  
elliott

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**From:** Potter, Pamela [mailto:Pamela.Potter@osumc.edu]  
**Sent:** Thursday, November 06, 2008 1:05 PM  
**To:** Elliot Slotnick  
**Subject:** RE: Follow up

Thanks again—I am already getting emails from students who have heard about this and are interested so that is a good sign.  
Pam

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**From:** Elliot Slotnick [mailto:slotnick.1@gradsch.ohio-state.edu]  
**Sent:** Wednesday, November 05, 2008 4:14 PM  
**To:** Potter, Pamela  
**Cc:** Susan Reeser; Dena Myers  
**Subject:** RE: Follow up

Thanks, Pam—I do that all the time...This is ready to go to Council on the 24<sup>th</sup> and I'll get back to you after that...

Yup—the whole world is watching!  
e

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**From:** Potter, Pamela [mailto:Pamela.Potter@osumc.edu]  
**Sent:** Wednesday, November 05, 2008 4:03 PM  
**To:** Elliot Slotnick  
**Cc:** Potter, Pamela  
**Subject:** RE: Follow up

Dear Elliot,  
Thanks for the great news. My apologies, something must have gone wrong because I had made those corrections. Please see attached proposal.

On a side note I received an email this morning from one of my contacts in China congratulating the US on the election of Mr. Obama. I think the world is happy.

Pam

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**From:** Elliot Slotnick [mailto:slotnick.1@gradsch.ohio-state.edu]  
**Sent:** Wednesday, November 05, 2008 3:45 PM  
**To:** Potter, Pamela  
**Cc:** Elliot Slotnick; Dena Myers  
**Subject:** RE: Follow up

Dear Pam,

Apologies for not getting back to you as soon as the Committee met—but I took the liberties afforded by your trip and then the electoral wars intervened and had me out pounding doors and working at the polls yesterday. The bottom line, however, is a good one. Your proposal, as revised, was recommended for approval to the Graduate Council—with the small caveat that the textual errors pointed out in my 10/14 e-mail (points 5 and 6) are attended to. Your revision indicated that they had been but Committee members noted that they had not.

Here are those two points from my earlier e-mail. The Graduate Council's next meeting is 11/24, so if you can get this back to me before then, we'll definitely get a vote on it then and on to Randy Smith and CAA.

Cheers,  
elliot

5. On page 9, the core course is titles Issues in Public Health, while all other references in the proposal are to Introduction to Public Health. Please alter as appropriate.
6. On page 8, point #2, "zoonotic" is listed twice. Perhaps there was another example intended?

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**From:** Potter, Pamela [mailto:Pamela.Potter@osumc.edu]  
**Sent:** Wednesday, November 05, 2008 9:19 AM  
**To:** Elliot Slotnick  
**Cc:** Potter, Pamela  
**Subject:** Follow up

Dear Elliot,

Good morning. I have returned from China and though I still have my days flipped upside down (it feels like the middle of the night right now) I am happy to be home. Drs. Wewers, Sedmak and I have a meeting with the Health Sciences Colleges faculty liaisons tomorrow and I wanted to give them an update on the status of the GISGH. Is there any additional news that I can share with them? Timeline?

Thanks,  
Pam

**Susan Reeser**

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**From:** Dena Myers  
**Sent:** Thursday, November 20, 2008 3:03 PM  
**To:** Susan Reeser  
**Subject:** FW:

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**From:** Elliot Slotnick  
**Sent:** Tuesday, October 14, 2008 6:36 PM  
**To:** 'Potter, Pamela '  
**Cc:** Sedmak, Daniel ; Dena Myers; Tim Watson  
**Subject:**

Dear Pam,

The Curriculum Committee of the Graduate Council reviewed your proposal to establish a Graduate Interdisciplinary Specialization in Global Health at its meeting earlier today. I am delighted to report that the proposal was endorsed by the Committee "in principle" and that, with a few revisions, it will be ready to forward to the full Graduate Council for approval. After that, it will be sent to Randy Smith for additional (and final) vetting by the Council on Academic Affairs (CAA).

As you know, the proposal has always harbored the issue of how the Graduate School can "credential" professional students with a transcript designation for completing a Graduate Interdisciplinary Specialization, a critical concern for a substantial portion of your targeted student audience. I can report that the Committee strongly supported the ability to accomplish such credentialing and I will explore the possible mechanisms for doing so with Tim Watson, our Director of Graduation Services. Once that is accomplished, it will redound to the potential benefit of professional students across the range of existing Graduate Minors and Graduate Interdisciplinary Specializations, a truly major change in what we now "do" by way of curriculum offerings.

The specific revisions sought in your proposal are as follows:

1. In the section on How to Enroll please include some information about timing issues. Should students enroll before electing any of the course work? Conversely, can they enroll after taking some of the proffered courses (and will such courses "count" towards the specialization?) Is there an absolute deadline for requesting enrollment? Can it, for example, occur in the Quarter a student plans to graduate?
2. A question was raised about the required course and its availability. The sample program shows it being taken in the Autumn quarter while the course grid projects it in Winter. Do you plan to offer it quarterly? Do you need to?
3. Similarly, the proposal raises the issue of whether this course is a "gateway" to the curriculum to follow. Must/should it be taken prior to other GIS courses? Is that preferable? Do you care?
4. On page 9 when listing the Discipline Specific courses, please add a notation that only one course is required for a student from this list.
5. On page 9, the core course is titled Issues in Public Health, while all other references in the proposal are to Introduction to Public Health. Please alter as appropriate.
6. On page 8, point #2, "zoonotic" is listed twice. Perhaps there was another example intended?

As you can see, the points that require addressing can all be readily handled. Congratulations on having a proposal that was in such good shape on its first reading. I'll look forward to returning it to the Committee for final vetting as soon as the requested changes are made. Please don't hesitate to contact me with any questions or concerns as you work through the requested revisions.

Susan Reeser

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**From:** Elliot Slotnick  
**Sent:** Thursday, November 20, 2008 2:01 PM  
**To:** Susan Reeser  
**Subject:** FW: Revised GISGH proposal  
**Attachments:** GISGH\_10-17-08.pdf

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**From:** Potter, Pamela [mailto:Pamela.Potter@osumc.edu]  
**Sent:** Friday, October 17, 2008 5:31 PM  
**To:** Elliot Slotnick  
**Cc:** Potter, Pamela ; Sedmak, Daniel  
**Subject:** Revised GISGH proposal

Dear Elliot,

Attached is the revised Graduate Interdisciplinary Specialization in Global Health based on the comments of the Curriculum Committee of the Graduate Council.

In summary, here are the changes or corrections that were made:

1. In the section on How to Enroll please include some information about timing issues. Should students enroll before electing any of the course work? Conversely, can they enroll after taking some of the proffered courses (and will such courses "count" towards the specialization?) Is there an absolute deadline for requesting enrollment? Can it, for example, occur in the Quarter a student plans to graduate?

It is preferable for students to enroll before they take course work but not mandatory. They may enroll after taking some of the courses and they will still "count" toward the specialization. There is not an absolute deadline for requesting enrollment. If this becomes a problem down the road we reserve the right to impose a deadline but at this point want to do nothing to discourage an interested student.

2. A question was raised about the required course and its availability. The sample program shows it being taken in the Autumn quarter while the course grid projects it in Winter. Do you plan to offer it quarterly? Do you need to?

I spoke to the instructor of the course and at this time it is planned for once per year in the Winter quarter but we will monitor the demand and see if it needs to be offered more than that.

3. Similarly, the proposal raises the issue of whether this course is a "gateway" to the curriculum to follow. Must/should it be taken prior to other GIS courses? Is that preferable? Do you care?

Technically it is not a gateway course. Given that it is given once per year, we do not require that it be first before other coursework. It will not negatively impact students if they take it later rather than sooner.

The other comments were typo or consistency errors and they have been corrected.

We greatly appreciate your working with Tim Watson on the credentialing issue. Please let Dr. Sedmak or me know if there is anything we can do to help on that front. I am leaving Sunday for China and will be gone until November 4. I will have access to email and may be able to respond if there is a question. If not, please feel free to contact Dan Sedmak at 292-3684.

Thanks again for everything and I will touch base with you on my return.  
Regards,  
Pam

**Susan Reeser**

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**From:** Elliot Slotnick  
**Sent:** Thursday, November 20, 2008 2:04 PM  
**To:** Susan Reeser  
**Subject:** FW: Update on GISGH  
**Attachments:** Cover Letter for GISGH.pdf; GIS Proposal 9-15-08.pdf; Letters of support from HS Colleges.pdf

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**From:** Potter, Pamela [mailto:Pamela.Potter@osumc.edu]  
**Sent:** Wednesday, October 01, 2008 5:13 PM  
**To:** Elliot Slotnick  
**Cc:** Potter, Pamela ; Sedmak, Daniel  
**Subject:** RE: Update on GISGH

Dear Elliot,

I want to thank you once again for all the help and guidance you have given me during the process of “birthing” this proposal. I am delighted to at last be sending you the electronic version of our proposal for the Graduate Interdisciplinary Specialization in Global Health.

Attached are the following items:

1. Cover letter from Daniel Sedmak, MD
2. Proposal for a Graduate Interdisciplinary Specialization in Global Health
3. Letters of support from the deans and graduate studies committee chairs from all seven Health Science Colleges and the School of Allied Medical Professions

Please let me know if you require anything else from us before this proposal begins its process.

Thank you.  
Pam

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**From:** Elliot Slotnick [mailto:slotnick.1@gradsch.ohio-state.edu]  
**Sent:** Friday, September 26, 2008 3:47 PM  
**To:** Potter, Pamela  
**Cc:** Dena Myers  
**Subject:** RE: Update on GISGH

Great news, Pam. It should all be sent to me to start the vetting process—and electronically is our modus operandi. In a few weeks we should be getting you feedback (as in queries, concerns, etc.). The back on forth on that can vary a great deal in time taken—but I’d certainly hope for no more than a round or two before passing it on to CAA. Let’s hope for getting it moving on to Randy in under a Quarter’s time.

Best,  
elliott

**Susan Reeser**

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**From:** Dena Myers  
**Sent:** Tuesday, November 18, 2008 2:44 PM  
**To:** Susan Reeser  
**Subject:** FW: GIS in Global Health -- Follow up  
**Attachments:** GIS Proposal 9-15-08.pdf

For Council

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**From:** Dena Myers  
**Sent:** Wednesday, November 12, 2008 11:01 AM  
**To:** 'Susan Williams'; 'montalto.2@osu.edu'; Theresa Early; 'Melanie Bales'; 'kashou.1@osu.edu'  
**Cc:** Elliot Slotnick  
**Subject:** FW: Follow up

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**From:** Elliot Slotnick  
**Sent:** Wednesday, November 12, 2008 10:55 AM  
**To:** Dena Myers  
**Subject:** FW: Follow up

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**From:** Potter, Pamela [mailto:Pamela.Potter@osumc.edu]  
**Sent:** Wednesday, November 05, 2008 4:03 PM  
**To:** Elliot Slotnick  
**Cc:** Potter, Pamela  
**Subject:** RE: Follow up

Dear Elliot,

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On a side note I received an email this morning from one of my contacts in China congratulating the US on the election of Mr. Obama. I think the world is happy.  
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**Sent:** Wednesday, November 05, 2008 3:45 PM  
**To:** Potter, Pamela  
**Cc:** Elliot Slotnick; Dena Myers  
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Here are those two points from my earlier e-mail. The Graduate Council's next meeting is 11/24, so if you can get this back to me before then, we'll definitely get a vote on it then and on to Randy Smith and CAA.

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elliot

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**Cc:** Potter, Pamela  
**Subject:** Follow up

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Thanks,  
Pam





Daniel D. Sedmak, M.D.  
Executive Vice Dean,  
College of Medicine

258 Meiling Hall  
370 West 9th Avenue  
Columbus, OH 43210-1238  
Phone: 614.292.3684 / Fax: 614.688.4959  
Email: Daniel.Sedmak@osumc.edu

October 1, 2008

Dear Graduate Council Members:

Creating new, multidisciplinary educational programs that will foster global health research and education is the driving force behind this proposal for OSU's first Graduate Interdisciplinary Specialization in Global Health (GISGH).

The Health Sciences Colleges are excited to take up the challenge of offering more global health opportunities to our constituents. Students want more global health curriculum, more chances for collaboration with their counterparts in other disciplines, and more opportunities for international experiences where they can work and learn from people of other cultures. It was because of this desire that we submitted a Framework Program for Global Health grant to the Fogarty International Center, part of the National Institutes of Health. We were delighted to learn that OSU is one of only 10 U.S. universities selected to receive this prestigious award--others include Harvard, Duke, Johns Hopkins and Brown—which gives momentum to our initiatives and serves to raise our global health profile nationally. The creation of an Interdisciplinary Specialization in Global Health within the Graduate School was one of the core activities that we outlined in our grant proposal and it is aligned with our mission to improve people's lives through innovation in research, education and patient care.

A particularly valuable aspect of this proposal for an interdisciplinary specialization is the collaboration that was fostered in its development and the continued partnership that will be required for success. We are actively working on developing additional courses for inclusion in the GISGH and it is our intention to continue strengthening and fine tuning the program.

We respectfully submit this proposal for a Graduate Interdisciplinary Specialization in Global Health to the Graduate Council for your consideration. We also formally request that students in the professional schools be able to receive a designation from the Graduate Studies office on their transcripts denoting their completion of the specialization. We look forward to working with our colleagues both within the medical center and across campus to provide the global health opportunities that our students want.

Sincerely,

Daniel D. Sedmak, MD  
Director, Office of Global Health Education  
Senior Associate Vice President for Health Sciences





College of Veterinary Medicine

Office of the Dean  
125/127 Veterinary Medicine Academic Building  
1900 Coffey Road  
Columbus, OH 43210

Phone (614) 292-1171  
Fax (614) 292-7185

September 15, 2008

Dear Dr. Sedmak:

The College of Veterinary Medicine is very supportive of the Graduate Interdisciplinary Specialization in Global Health (GISGH) and we are pleased to be a partner with the other Health Sciences Colleges in this initiative. Not only will the GISGH program be available to our graduate students, but we will also provide the following courses as outlined in the proposal:

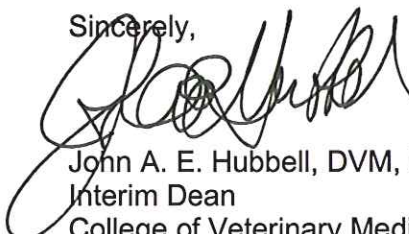
VET PREV 723 G/P Biosecurity, Environmental Health, and Other Veterinary Public Topics  
VET PREV 700 G/P Molecular Epidemiology of Infectious Diseases  
VET PREV 696 G/P International Veterinary Public Health Topics  
VET PREV 810 G Principles of Epidemiology

In addition, there are other global health-related courses that we will develop in the future that will also be a part of the GISGH program.


VET MED Surveillance Programs for Infectious Diseases Common to Humans and Animals  
VET MED Waterborne Diseases  
VET MED Vector-Borne Diseases  
VET MED Applied Molecular Epidemiology  
VET MED Emerging Infectious Diseases Common to Man and Animals

We look forward to continuing to develop outstanding global health curriculum to meet the increasing demand of our students.

Sincerely,



John A. E. Hubbell, DVM, MS  
Interim Dean  
College of Veterinary Medicine



Lawrence E. Mathes, PhD  
Professor and Associate Dean for Research and  
Graduate Studies



Wiley "Chip" Souba, MD, ScD, MBA  
Vice President and Executive Dean  
for Health Sciences  
Dean, College of Medicine

254 Meiling Hall  
370 West 9th Avenue  
Columbus, OH 43210  
Phone: 614.292.2600  
Fax: 614.292.4254  
E-mail: Chip.Souba@osumc.edu

September 16, 2008

Daniel D. Sedmak, MD  
Executive Vice Dean, College of Medicine  
Senior Associate Vice President of Health Sciences  
258 Meiling Hall  
370 West 9<sup>th</sup> Avenue  
Columbus, OH 43210

Dear Dr. Sedmak,

The College of Medicine is very supportive of the Graduate Interdisciplinary Specialization in Global Health (GISGH) and we are pleased to be a partner with the other Health Sciences Colleges in this initiative. Not only will the GISGH program be available to College of Medicine students but we will also provide the following courses as outlined in the proposal:

*COM 2 credit hours Clinical and Pathologic Manifestations of Global Disease*

In addition, there are currently other global health related courses being developed for the GISGH program. We look forward to continuing to develop outstanding global health curriculum to meet the increasing demand of our students.

Sincerely,

Handwritten signature of Wiley W. Souba in black ink.

Wiley W. "Chip" Souba, MD, ScD  
Dean, College of Medicine  
Vice Presidents and Executive Dean for  
Health Sciences

Handwritten signature of Ginny Bumgardner in black ink.

Ginny Bumgardner, MD  
Associate Dean, Research Education and Graduate  
Studies



College of Pharmacy

Office of the Dean  
217 Parks Hall  
500 West 12<sup>th</sup> Avenue  
Columbus, OH 43210-1291

Phone (614) 292-5711  
Fax (614) 292-3113  
E-mail Brueggemeier.1@osu.edu

September 16, 2008

Daniel D. Sedmak, M.D.  
Executive Vice Dean, College of Medicine  
Senior Associate Vice President, Office of Health Sciences  
The Ohio State University  
258 Meiling Hall  
370 West 9th Avenue  
Columbus, Ohio 43210

Dear Dr. Sedmak,

The College of Pharmacy is very supportive of the Graduate Interdisciplinary Specialization in Global Health (GISGH), and we are pleased to be a partner with the other Health Sciences Colleges in this initiative. Our College is particularly active with faculty exchanges, student exchanges, and international collaborations with the schools/colleges of pharmacy in Taiwan. We also are members in the US-Thailand Consortium of Schools/Colleges of Pharmacy, a consortium formed in 1993 focusing on advanced degree opportunities for Thai students.

Not only will the GISGH program be available to pharmacy graduate students but we will also provide the following courses as outlined in the proposal:

*PHARMACY 664 G/P Topics in International Pharmacy*

In addition, there may be other global health-related courses developed in the future that could also be a part of the GISGH program. We look forward to continuing to develop outstanding global health curriculum to meet the increasing demand of our students.

Sincerely,

Handwritten signature of Robert W. Brueggemeier in blue ink.

Robert W. Brueggemeier, PhD  
Dean, College of Pharmacy  
Professor, Medicinal Chemistry

Handwritten signature of William L. Hayton in blue ink.

William L. Hayton, PhD  
Associate Dean for Graduate Programs and Research  
Professor, Pharmaceutics





College of Nursing

Dean's Office  
Newton Hall  
1585 Neil Ave  
Columbus, OH 43210-1289

Phone (614) 292-8900  
Fax (614) 292-4535  
www.nursing.osu.edu

September 23, 2008

Daniel D. Sedmak, M.D.  
Executive Vice Dean and Senior Associate Vice President for  
Health Sciences  
College of Medicine  
258 Meiling  
370 W. 9<sup>th</sup> Avenue  
CAMPUS

Dear Dr. Sedmak:

The College of Nursing is very supportive of the Graduate Interdisciplinary Specialization in Global Health (GISGH) and we are pleased to be a partner with the other Health Sciences Colleges in this initiative. Not only will the GISGH program be available to College of Nursing graduate students but we will also provide the following courses as outlined in the proposal:

- NURSING 640 Issues of Culture and Diversity in Health Care
- NURSING 593 or 793 Practicum in Global Health- Honduran Field Placement
- NURSING XXX Nursing in the Global Community (in development)

In addition, there may be other global health related courses developed in the future that could also be a part of the GISGH program. We look forward to continuing to develop outstanding global health curriculum to meet the increasing demand of our students.

Sincerely,

Handwritten signature of Elizabeth R. Lenz in black ink.

Elizabeth R. Lenz, PhD, RN, FAAN  
Dean and Professor  
College of Nursing

Handwritten signature of Linda Bernhard in black ink.

Linda Bernhard, PhD, RN  
Associate Professor and  
Chair, Graduate Studies Committee  
College of Nursing



College of Medicine  
School of Allied Medical Professions  
Office of the Director

Atwell Hall  
453 West Tenth Avenue  
Columbus, OH 43210  
614.292.5645 / 614.292.0210  
www.amp.osu.edu

September 25, 2008

Daniel D. Sedmak, M.D.  
Executive Vice Dean  
College of Medicine

Dear Dr. Sedmak,

The School of Allied Medical Professions enthusiastically supports the development of a Graduate Interdisciplinary Specialization in Global Health (GISGH), and we are pleased to be a partner with the Health Sciences Colleges in this initiative. Not only will the GISGH program be available to the School's graduate students, but we will also provide the following courses as outlined in the proposal:

SAMP ALLI MED 889	Teaching Practicum
SAMP PHYSTHER 670	Service Learning at the Physicians Free Clinic
SAMP OCC THER 725	Service Learning at the Physicians Free Clinic

In addition, we expect other global health related courses to be developed in the future that could also be a part of the GISGH program. We look forward to contributing to the development of an outstanding global health curriculum to meet the increasing demand of our students.

Sincerely,

Deborah S. Larsen, PT, PhD  
Dir., School of Allied Medical Professions  
Associate Dean, College of Medicine

Jane Case-Smith, EdD, OTR/L, FAOTA  
Director, Occupational Therapy Division  
Chair, Graduate Studies Committee



College of Public Health

Office of the Dean  
M-116 Starling-Loving Hall  
320 West 10th Avenue  
Columbus, OH 43210-1240

Phone (614) 293-3913  
Fax (614) 293-0063

September 18, 2008

Dear Dr. Sedmak,

The College of Public Health is very supportive of the Graduate Interdisciplinary Specialization in Global Health (GISGH) and we are pleased to be a partner with the other Health Sciences Colleges in this initiative. Not only will the GISGH program be available to CPH graduate students but we will also provide the following courses as outlined in the proposal:

Public Health	PUBH-HBP 794 U/G/P	Introduction to Global Health
Public Health	PUBH-EHS 794 G	Introduction to Water and Human Health Risk
Public Health	PUBH-EPI 794Z (temp #)	Infectious Disease in the Developing World
Public Health	PUBH-EPI 794 (temp #)	Field Epidemiology
Public Health	PUBH-EPI 710 G	Principles of Epidemiology
Public Health	PUBH-EPI 794 (temp #)	Epidemiology of Tuberculosis
Public Health	PUBH-EPI 815 G	Infectious Disease Epidemiology
Public Health	PUBH-EPI 818 G	Women's Health Issues
Public Health	HSMP 870.01 G	Health Care Systems & Policy: an International Perspective

In addition, there may be other global health related courses developed in the future that could also be a part of the GISGH program. We look forward to continuing to develop outstanding global health curriculum to meet the increasing demand of our students.

Sincerely,

Handwritten signature of Stanley Lemeshow in black ink.

Stanley Lemeshow, PhD  
Dean, College of Public Health

Handwritten signature of Amy K. Ferketich in black ink.

Amy K. Ferketich, PhD  
Chair, Graduate Studies, College of Public Health



COLLEGE OF DENTISTRY

OFFICE OF THE DEAN  
1159 Postle Hall  
305 W. 12th Avenue  
PO Box 182357  
Columbus, OH 43218-2357

Phone (614) 292-9755  
Fax (614) 292-0333  
[www.dent.ohio-state.edu](http://www.dent.ohio-state.edu)

September 30, 2008

Daniel D. Sedmak, M.D.  
Executive Vice Dean, College of Medicine  
Senior Associate Vice President, Office of Health Sciences  
The Ohio State University  
258 Meiling Hall  
370 West 9th Avenue  
Columbus, Ohio 43210

Dear Dr. Sedmak,

The College of Dentistry is very supportive of the Graduate Interdisciplinary Specialization in Global Health (GISGH). Currently, the college has no global health-related courses for inclusion in the program however; we anticipate developing them in the future and look forward to the time when the College of Dentistry can be an active partner in the GISGH.

In the meantime, we are delighted that this program is being developed and will be open to our students.

Sincerely,

A handwritten signature in cursive script, appearing to read "Carole A. Anderson".

Carole A. Anderson, PhD, RN, FAAN  
Vice Provost and Interim Dean

CAA/eyl





Office of the Dean

College of Optometry  
338 West 10th Avenue  
Columbus, OH 43210-1280

Phone (614) 292-3246  
Fax (614) 292-7493  
<http://optometry.osu.edu>

September 30, 2008

Daniel D. Sedmak, M.D.  
Executive Vice Dean, College of Medicine  
Senior Associate Vice President, Office of Health Sciences  
The Ohio State University  
258 Meiling Hall  
370 West 9th Avenue  
Columbus, Ohio 43210

Dear Dr. Sedmak,

The College of Optometry is very supportive of the Graduate Interdisciplinary Specialization in Global Health (GISGH). Although we have no dedicated programs currently in the College of Optometry, we have two potential areas for future collaboration in global health education:

1. We are in the final stages of establishing a combined OD/MPH program through which exceptional students may pursue a Masters degree in Public Health while concurrently enrolled for the Doctor of Optometry degree. Thesis projects and associated graduate coursework could include issues of global health.
2. Our College has several NEI sponsored multi-center studies in the areas of dry eye, the onset and progression refractive error in ethnically diverse populations of children, and early detection of vision disorders in preschool age children. For example, Professor Paulette P. Schmidt is developing community-based preschool vision screening models for lay. Effective vision screening tests could help address access to care for populations at risk for preventable functional vision impairment and blindness.

In the meantime, we are delighted that the GISGH will be open to our students.

Sincerely,

Melvin D. Shipp, OD, MPH, DrPH  
Dean and Professor

**Susan Reeser**

---

**From:** Elliot Slotnick  
**Sent:** Thursday, November 20, 2008 2:01 PM  
**To:** Susan Reeser  
**Subject:** FW: Revised GISGH proposal  
**Attachments:** GISGH\_10-17-08.pdf

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**Sent:** Friday, October 17, 2008 5:31 PM  
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**Subject:** Revised GISGH proposal

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Attached is the revised Graduate Interdisciplinary Specialization in Global Health based on the comments of the Curriculum Committee of the Graduate Council.

In summary, here are the changes or corrections that were made:

1. In the section on How to Enroll please include some information about timing issues. Should students enroll before electing any of the course work? Conversely, can they enroll after taking some of the proffered courses (and will such courses "count" towards the specialization?) Is there an absolute deadline for requesting enrollment? Can it, for example, occur in the Quarter a student plans to graduate?

It is preferable for students to enroll before they take course work but not mandatory. They may enroll after taking some of the courses and they will still "count" toward the specialization. There is not an absolute deadline for requesting enrollment. If this becomes a problem down the road we reserve the right to impose a deadline but at this point want to do nothing to discourage an interested student.

2. A question was raised about the required course and its availability. The sample program shows it being taken in the Autumn quarter while the course grid projects it in Winter. Do you plan to offer it quarterly? Do you need to?

I spoke to the instructor of the course and at this time it is planned for once per year in the Winter quarter but we will monitor the demand and see if it needs to be offered more than that.

3. Similarly, the proposal raises the issue of whether this course is a "gateway" to the curriculum to follow. Must/should it be taken prior to other GIS courses? Is that preferable? Do you care?

Technically it is not a gateway course. Given that it is given once per year, we do not require that it be first before other coursework. It will not negatively impact students if they take it later rather than sooner.

The other comments were typo or consistency errors and they have been corrected.

We greatly appreciate your working with Tim Watson on the credentialing issue. Please let Dr. Sedmak or me know if there is anything we can do to help on that front. I am leaving Sunday for China and will be gone until November 4. I will have access to email and may be able to respond if there is a question. If not, please feel free to contact Dan Sedmak at 292-3684.

Thanks again for everything and I will touch base with you on my return.  
Regards,  
Pam



## Proposal for a New Graduate Interdisciplinary Specialization in Global Health (GISGH)

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## Rationale for Development

Issues in global health are as important as ever, despite major advances in public health and clinical medicine. This is exemplified by the fact that in 16 countries, 14 of which are in Sub-Saharan Africa, under five child mortality is higher than it was in 1990<sup>1</sup>.

There are multiple approaches to limiting and ultimately solving the majority of global health concerns, but none is more fundamental than increasing the number of individuals working in the various fields of global health such as teaching, prevention, clinical care and research. Multiple studies have been conducted, which ultimately all come to one conclusion: the need for trained personnel to work on global health problems is greater than the supply. The Joint Learning Initiative's 2005 report, "Human Resources for Health: Overcoming the Challenge" recognized this looming shortage and recommended that the decade 2006-2015 be designated, the decade of human resources for health<sup>2</sup>.

While career choices are considered during all phases of the education process, career decisions are most often finalized at the college and professional level. Thus, providing a curriculum in global health that both educates and excites students is essential. Numerous studies have demonstrated the impact of educational programs on student career decisions.<sup>3-4</sup> In fact; participation in international health experiences has been shown to have positive effects on a student's subsequent interests in participating in global health.<sup>5-6</sup>

As global health issues are often multi-factorial in origin, the involvement of educators representing multiple colleges is most likely to educate students holistically and to best introduce them to the diversity of global health careers.

The development of an Interdisciplinary Specialization in Global Health will create a significant opportunity to advance our mission to nurture and train the next generation of global health professionals for whom cross discipline collaboration will be the norm. The specialization designation will not only provide graduate students with access to interdisciplinary study but will acknowledge formal recognition of such study on the student's transcript upon completion. Furthermore, the development of this program is closely aligned with OSU's goal of being a global institution.<sup>7</sup> The Health Sciences Colleges are obligated and privileged to train students in integrated and multidimensional approaches to health.

## Goal of the Graduate Interdisciplinary Specialization in Global Health

The goal of the Interdisciplinary Specialization in Global Health is to help prepare our graduates to be active participants in the advancement of global health by providing a strong focus on global health in academic programs, through promoting academic enrichment, service-learning, and research pertaining to issues of global health. The GISGH will provide graduate students with access to interdisciplinary study and provide formal recognition of such study on the student's transcript.

## Objectives of the GISGH

1. To provide graduate and professional students access to interdisciplinary study in global health issues.
2. To offer students the opportunity to gain specific expertise in the unique challenges of healthcare in the developing world and among immigrant populations.
3. To provide formal recognition of such study on the student's transcript upon completion.

## Accessibility and Benefit of the GISGH

Given the sometimes unusual schedules of professional and graduate students, we have worked with the colleges to ensure that many of the courses are offered later in the day or evenings so that students won't have difficulty fitting in the coursework. Many students have already expressed an interest in continuing in international health care in some capacity. One of the obstacles they encounter upon graduation is that many NGO's, for example Doctors Without Borders, prefer that the new physicians or healthcare professionals have some education specifically in global health and experience working in a developing country before they work with them. Having the designation of a *graduate interdisciplinary specialization in global health* on their transcript gives them increased credibility.

## Administration of the GISGH

### Program Faculty Graduate Studies Committee for the GISGH

The following faculty or their designees have agreed to serve as their college's liaison to the GISGH program. This committee, which has representation from each of the participating health sciences colleges, will function as the graduate studies committee for the program. Further, there will be staggered terms of service and each college will be responsible for providing a new committee member for their college when the term ends. This would provide continuity in oversight of the program.

**Daniel Sedmak, MD**, will serve as the chair of the oversight committee. He serves as the Executive Director of the Health Sciences Center for Global Health, Director of the Office of Global Health Education, Executive Vice Dean in the College of Medicine, and Senior Associate Vice President in the Office of Health Science. Dr. Sedmak has been selected to lead the committee because of his strong interest and participation in global health issues, for his professional expertise in research and education and for his ability to effectively and continuously create and lead large, diverse educational initiatives. He is also the principal investigator on a recently awarded NIH Fogarty International grant and leads the Health Sciences Center for Global Health. The College of Medicine will serve as the administrative home for the program.



## Administration of the GIS in GH (continued)

**Mary Ellen Wewers, PhD**, received a doctorate in nursing from the University of Maryland in Baltimore and a master's of public health from Harvard University School of Public Health, where her area of concentration was Health Policy, specifically tobacco policy and control. She is an Adult Nurse Practitioner and has conducted tobacco-related research since the mid-1980's. Dr. Wewers has been funded by the National Institutes of Health since 1988 and currently serves as Co-Director and Project Leader on a NCI-funded P50 grant that developed the Center for Population Health and Health Disparities at OSU's CCC. She is also the co-investigator on a recently awarded NIH Fogarty International grant and co-leads the Health Sciences Center for Global Health.

**Anne D. Kloos, PT, PhD, NCS** is an Assistant Professor (Clinical) in the **School of Allied Medical Professions**. She was the PI on several grants that established an interdisciplinary service learning course that partners the OSU Physical and Occupational Therapy Divisions with the Physicians Free Clinic, a community clinic that provides free medical care to a culturally diverse population of uninsured individuals. She is also a co-leader of the Service Learning Program in Merida, Yucatan, Mexico.

**Elizabeth R. Barker, PhD**, is an Associate Professor at OSU **College of Nursing**. She has considerable experience in international nursing in Albania, Honduras, Cambodia and Morocco where she has worked with local health professionals to build primary care capacity as well as provide direct care to populations in those countries where access has been restricted. She is currently working with a non-governmental agency in Choluteca, Honduras to develop a curriculum for health volunteers in rural Honduras. She will be the lead for the Global Health Nursing course that she recently developed.

**Robert Brueggemeier, PhD**, is professor and dean of the **College of Pharmacy**. Dr. Brueggemeier leads the faculty exchanges, student exchanges, and international collaborations with the schools/colleges of pharmacy in Taiwan. He also serves as the OSU liaison to the US-Thailand Consortium of Schools/Colleges of Pharmacy, a consortium formed in 1993 that consists of 10 schools in the US and 10 schools in Thailand. Dr. Brueggemeier's research expertise is aromatase, aromatase inhibitors, and breast cancer, and he collaborates with researchers globally in the areas of aromatase and steroid biochemistry. Dr. Brueggemeier's former PhD trainees now serve as faculty members at colleges of pharmacy in Taiwan and Thailand.

**Kenneth Hale, RPh, PhD**, assistant dean for Professional and External Affairs, College of Pharmacy

**Armando E. Hoet, DVM, PhD, DACVPM** is a Clinical Assistant Professor in the **College of Veterinary Medicine (CVM)**, with considerable experience in animal and zoonotic diseases in the tropics. He taught infectious diseases for 12 years at the College of Veterinary Medicine (CVM), La Universidad del Zulia (LUZ), Maracaibo, Venezuela; where he was also the head of the Infectious Diseases Diagnostic Laboratory (2003-2004). He is currently the Coordinator of the Veterinary Public Health Program at the OSU CVM. He leads the three core courses of the Veterinary Public Health Specialization towards the Master of Public Health Degree. He is also co-leading the Salmonella Venezuelan Project, which is a research collaboration between CVM-LUZ and CVM-OSU. He is fluent in English and Spanish.

### Administrative Staff

**Pamela Potter** will serve as the administrative director of the GISGH program. She is the associate director of the Office of Global Health Education and manages the affiliations with international academic partners. She will be responsible for the administrative side of the program as well as working with faculty to develop new global health curriculum. **Jessica Small**, program coordinator for the Office of Global Health Education, will manage the tracking process for students enrolled in the interdisciplinary specialization program.

## Health Science Leadership and Graduate Studies Chairs

	Leadership	Graduate Studies Chairs
<b>School of Allied Medical Professions</b>	Deborah S. Larsen, PT, PhD Director	Jane Case-Smith, EdD, OTR/L, FAOTA Chair of the Occupational Therapy Division
<b>College of Nursing</b>	Elizabeth Lenz PhD, RN, FAAN Dean	Linda Bernhard, PhD, RN Associate Professor
<b>College of Medicine</b>	Wiley W. "Chip" Souba, MD, ScD Dean	Ginny Bumgardner, MD/PhD Associate Dean for Research Education and Graduate Studies
<b>College of Pharmacy</b>	Robert Brueggemeier, PhD Dean	William Hayton, PhD Associate Dean for Graduate Programs and Research
<b>College of Public Health</b>	Stanley Lemeshow, PhD Dean	Amy K. Ferketich, PhD Assistant Professor
<b>College of Veterinary Medicine</b>	John A. E. Hubbell , DVM, MS, Diplomate ACVA Interim Dean	Lawrence E. Mathes, PhD Professor and Associate Dean for Research and Graduate Studies



## Description of the GISGH

The GISGH offers students advanced educational opportunities in global health. The program allows graduate and professional students an opportunity to gain specific expertise in the unique challenges of health care in the developing world and among immigrant populations in the United States through both required and elective coursework. The specialization's core course focuses on the basic components of population health, while the electives allow students to pursue topics across the other health sciences colleges for an interdisciplinary experience. Students are exposed to a broad range of topics and must successfully complete up to 23 hours of course work from the master list of courses for the specialization to be noted on their transcript.

### The specialization consists of the following components:

- One (2) credit hour core course required for all students;
- Discipline specific core courses for Colleges of Nursing, Pharmacy, and Veterinary Medicine students (credit hours vary)
- Electives
- An optional field experience (required for Allied Medicine, Medicine, and Nursing students)

## GISGH Requirements

- Students must complete fourteen (14) credit hours in graduate programs outside the student's major program;
- Students must receive a B (or better) or S in each course comprising the interdisciplinary specialization;
- Requirements can include work already required as part of the students degree program.

Successful completion of the specialization will appear on students' transcripts.

For more information and to apply, please contact:

Pamela Potter

Associate Director, Office of Global Health Education, COM

(614) 292-3684 or Pamela.Potter@osumc.edu

Office of Global Health Education

The Ohio State University College of Medicine

259 Meiling Hall

370 W. Ninth Avenue

Columbus, Ohio 43210

## How to Enroll in the GISGH

The GISGH is available to all graduate and professional students at The Ohio State University. Students must apply to enroll in the GISGH by completing a Graduate Interdisciplinary Specialization Program Form. A letter of acceptance and a list of approved courses will be sent to the student by the coordinator of the GISGH. Copies of the letter will also be sent to the Graduate School and the student's home Graduate Studies Chair. Students must follow the criteria developed by the Graduate School, and successfully complete the required and elective course work specified.

Students should work with their departmental advisor to determine how best to incorporate the specialization into their program of study. Students must complete and submit a Graduate Interdisciplinary Specialization Program Form. The advisor's signature is required prior to submission of the application to the Office of Global Health Education in the College of Medicine, which coordinates the administrative aspects of the Specialization.

Once student and advisor signatures are affixed, the original form should be forwarded to the Office of Global Health Education at the address below. The student will be advised as soon as approval of the application has been accomplished.

The student must adhere to the curriculum for the GISGH. If changes in the approved curriculum are made, the student must complete a new Graduate Interdisciplinary Specialization Program Form and once again gain approval.

For more information and to apply, please contact:

Pamela Potter

Associate Director, Office of Global Health Education, COM

(614) 292-3684 or [Pamela.Potter@osumc.edu](mailto:Pamela.Potter@osumc.edu)

Office of Global Health Education

The Ohio State University College of Medicine

259 Meiling Hall

370 W. Ninth Avenue

Columbus, Ohio 43210

## Description of Proposed Curriculum

To date, no graduate interdisciplinary specialization in global health exists at OSU. As part of global health curriculum development, program faculty and staff from the health sciences colleges have developed the following proposed curriculum for a *Graduate Interdisciplinary Specialization in Global Health*.

The curriculum will be divided into three sections:

- 1) Required core coursework for all students regardless of discipline (PUBH-794 Introduction to Global Health);
- 2) Required discipline-specific coursework (e.g. Zoonotic Diseases, Nursing in the Global Community)
- 3) Electives (e.g. Principles of Epidemiology, Topics in International Pharmacy, Women’s Health Issues).

A fourth, optional component (required for medical, SAMP, and nursing students) of the curriculum will include a hands-on global health activity to be completed at an OSU CGH-designated international site. This activity will be structured by the student and program staff to include on-site participation in research, clinical care (treatment or prevention) or outreach. It is expected that a student will enroll in at least four (and preferably five) courses as part of the *Interdisciplinary Specialization in Global Health* totaling at least 14 but not more than 23 hours. This will typically consist of one required course, one discipline-specific course, one to three elective courses that allow for further study in a specific area of interest and for some, a practicum experience.

A draft sample curriculum is presented below:

Autumn Quarter	Winter Quarter	Spring Quarter	Summer Quarter
Intro to Global Health (2 credit; required)	Topics in International Pharmacy (2 credit; discipline-specific)	Food-borne Diseases, Food Animal Production Systems, and Food Safety (4 credit; elective)	Practicum in Honduras (Variable credit; optional)
Infectious Diseases in the Developing World (2 credit)			

### Required Courses for All Students in THE GISGH

College	Course #	U/G/P Level	Title	Credit Hours	Offered	Days/Time
Public Health	PUBH-HBP 794	U/G/P	Introduction to Global Health	2	WI	W, 3:30-5:18

### Required Discipline-Specific Core Courses

College	Course #	U/G/P Level	Title	Credit Hours	Offered	Days/Time
Nursing	NURSING XXX	G/P	Nursing in the Global Community*	3	TBA	TBA
Pharmacy	PHARMACY 694	G/P	Topics in International Pharmacy	2	SP	M, 9:30-11:18 <b>-OR-</b> M, 2:00-3:48 <b>OR-</b> T, 3:30-5:18
CVM	VET PREV 721 (OR 722)	G/P	Zoonotic Diseases	4	AU	T R, 8:30-10:18
CVM	VET PREV 722 (OR 721)	G/P	Food-borne Diseases, Food Animal Production Systems, and Food Safety	4	WI	M W, 2-3:38
Public Health	PUB HLTH XXX	G	Global Public Health*	4	TBA	TBA

### Required Field Experience

College	Course #	U/G/P Level	Title	Credit Hours	Offered	Days/Time
SAMP	ALLI MED 760 (OR 889)	G	Service Learning in Global Health Clinical Practicum	3	TBA	TBA
SAMP	ALLI MED 889 (OR 760)	G	Service Learning in Global Health Clinical Practicum	1-4	SU, AU, WI, SP	ARR
SAMP	PHYSTHER 670	U/G	Service Learning at the Physicians Free Clinic	1-3	AU WI SP	ARR M, 6-9 ARR
SAMP	OCC THER 725	U/G	Service Learning at the Physicians Free Clinic	1-3	AU WI SP	M, 5-8:30 ARR ARR
Medicine	MED COLL 664	P	Global Health Elective	8	Year round	
Nursing	NURSING 593 or 793	U/G/P	Practicum in Global Health- Honduran Field Placement	2	SP	

\*In process of development

## Elective Courses

College	Course #	U/G/P Level	Title	Credit Hours	Offered	Days/Time
Arts and Sciences	INT STDS 532 -OR- AED ECON 532	U/G	Food Security & Globalization	5	AU	T R, 1:30-3:18
Arts and Sciences	INT STDS 536 -OR- AED ECON 536	U/G	Economic Development of Sub-Saharan Africa	5	AU	T R, 10:30-12:18
Medicine	TBA*	U/G/P/	Clinical and Pathologic Manifestations of Global Disease	2	TBA	TBA
Nursing	NURSING 640*	G/P	Issues of Culture and Diversity in Health Care	3	SP	M, 1:30-4:18
Pharmacy	PHARMACY 664	G/P	Topics in International Pharmacy	2	SP	T, 8:30-12:18 -OR- R, 8:30-12:18
Public Health	PUBH-EHS 794	G	Introduction to Water and Human Health Risk	4	SP	T R, 2:30-4:18
Public Health	PUBH-EPI 794Z (temporary number)	U/G	Infectious Disease in the Developing World	2	SP	M, 8:30-10:18
Public Health	PUBH-EPI 794 (temporary number)	U/G	Field Epidemiology	3	WI	T, 8:30-11:18
Public Health	PUBH-EPI 710	G	Principles of Epidemiology	4	AU  WI	M W, 10:30-12:18 -OR- T R, 10:30-12:18 T R, 8:30-10:18
Public Health	PUBH-EPI 794 (temporary number)	G	Epidemiology of Tuberculosis	1	SP	T, 1:30-2:18
Public Health	PUBH-EPI 815	G	Infectious Disease Epidemiology	4	WI	M W, 8:30-10:18
Public Health	PUBH-EPI 818	G	Women's Health Issues	3	WI (every other year)	M, 3:30-6:18
Public Health	HSMP 870.01*	G	Health Care Systems & Policy: an International Perspective	4	SP	W, 4:00-6:48
SAMP	ALLI MED 889	G	Teaching Practicum	1-4	SU, AU, WI, SP	ARR
SAMP	PHYSTHER 670	U/G	Service Learning at the Physicians Free Clinic	1-3	AU WI SP	ARR M, 6-9 ARR
SAMP	OCC THER 725	U/G	Service Learning at the Physicians Free Clinic	1-3	AU WI SP	M, 5-8:30 ARR ARR
Veterinary Medicine	VET PREV 723	G/P	Biosecurity, Environmental Health, and Other Veterinary Public Topics	4	SP	M W, 2-3:48
Veterinary Medicine	VET PREV 700	G/P	Molecular Epidemiology of Infectious Diseases	3	SP	ARR
Veterinary Medicine	VET PREV 696	G/P	International Veterinary Public Health Topics	2	SU	ARR
Veterinary Medicine	VET PREV 810	G	Principles of Epidemiology	2	SU	ARR
Veterinary Medicine	TBA*	G/P	Surveillance Prgs for Infectious Diseases Common to Humans and Animals	TBA	TBA	TBA
Veterinary Medicine	TBA*	G/P	Waterborne Diseases	TBA	TBA	TBA
Veterinary Medicine	TBA*	G/P	Vector-Borne Diseases	TBA	TBA	TBA
Veterinary Medicine	TBA*	G/P	Applied Molecular Epidemiology	TBA	TBA	TBA
Veterinary Medicine	TBA*	G/P	Emerging Infectious Diseases Common to Man and Animals	TBA	TBA	TBA

\*In process of development

## Plans to Enroll Students and Prospective Enrollment

The Interdisciplinary Specialization in Global Health is supported by the leadership of each participating college and they have pledged to widely advertise the new program. Additionally, the Office of Global Health Education in the College of Medicine distributes a quarterly newsletter to the medical students and will use this as a vehicle to inform health sciences students about the new program.

We estimate initial interest will result in 10 - 20 students enrolling in the GISGH. A cap has not been established as we want the flexibility to grow the program. Since all applications are subject to approval, we are able to control the class size as necessary.

### Specific Actions for Enrolling Students

- Work with the deans of the Health Sciences colleges to advertise to their students (they have already agreed to do this)
- Advertise in the *Global Address*, the quarterly newsletter of the Office of Global Health Education
- Send e-mails to all students in the participating Health Sciences colleges (Medicine, Nursing, Pharmacy, Public Health, SAMP, Veterinary Medicine)
- Make a presentation to the International Health Interest Group (IHIG)
- Post flyers advertising the GISGH

### References

<sup>1</sup> World Health Organization Fact sheet N°290, May 2005

<sup>2</sup> 2005 Joint Learning Initiative's report, 'Human Resources for Health: Overcoming the Challenge,' sponsored by the World Health Organization and the United States Agency for International Development.

<sup>3</sup> Howe, A., Ives, G. Does community-based experience alter career preference? New evidence for a prospective longitudinal cohort study of undergraduate medical students. *Medical Education* 2001;35:391-397

<sup>4</sup> Greenberg JO, Mazar RM., Toward a More Global Medical Education, *JAMA* 2002;288 (13);1651.

<sup>5</sup> Godkin M., Savageau J., The Effect of Medical Students' International Experiences on Attitudes Toward Serving Underserved Multicultural Populations. *Fam Med* 2003;35(3):273-8.

<sup>6</sup> Ramsey AH, Haq C, Gjerde CL, Rothenberg D, Career influence of an international health experience during medical school, *Fam Med* 2004;36(6):412-6.

<sup>7</sup> Ohio State University International Task Force, "On Becoming a Global University; An OSU International Program Task Force Report", June 19, 2007, <http://oaa.osu.edu/documents/IPTaskForceReportJune19.pdf>

## Appendix A - Existing Talents and Resources

OSU was founded in 1870 as the major land grant institution in the state of Ohio. During the past 128 years, its mission has been the attainment of international distinction in education, scholarship, and public service. OSU is in the midst of a period of unprecedented growth in education and research excellence. In 2006, OSU was ranked 9<sup>th</sup> among public universities in total research expenditures and 6<sup>th</sup> in applied (industry) research. Since 2004, OSU has made greater strides in research rankings than any other top 100, up 15 places from 39<sup>th</sup> to 24<sup>th</sup>. OSU is composed of 19 colleges and 100 departments, with approximately 42,000 undergraduates, 2,720 professional graduate students and 10,000 graduate students, making it the second-largest single-campus university in the country. Thirty-nine percent of its freshmen are in the top 10 percent of their high school class and OSU is ranked 9<sup>th</sup> among public universities in the amount of its sponsored research, according to statistics compiled by the National Science Foundation. Currently the university employs 2,945 regular full-time faculty, 180 regular clinical faculty, and approximately 1,000 other instructional staff. The university is a highly decentralized institution, offering 177 undergraduate, 122 masters, and 98 doctoral programs. OSU has a long history of a strong faculty governance structure embodied in the University Senate and other college and university task forces and committees. New courses, programs, or revisions proposed by faculty are reviewed by college committees and, if necessary, the University Senate's Council on Academic Affairs. The curriculum committee of the Graduate Council reviews and approves all graduate courses. The committee is comprised of faculty and has student representation. The University has been accredited by the North Central Association of Colleges and Schools since 1913, with the last 10-year accreditation granted in 2007.

**Health Science Cluster Colleges:** In addition to its 19 colleges, OSU has a multitude of multidisciplinary centers and institutes, many of which are located in the health sciences. The Office of Health Sciences serves as an administrative structure to coordinate health sciences cluster college's activities. As a comprehensive University on a single campus, this proximity was an asset in the development of this IS application, as faculty from five different colleges and one school participated in developing this application. The *health sciences colleges' cluster* is administratively organized within the University. The Executive Dean of the cluster is elected from within the seven colleges. At present, the dean of the College of Medicine serves as the Executive Dean for this cluster. The cluster includes the Colleges of Dentistry, Medicine, Nursing, Optometry, Pharmacy, Public Health and Veterinary Medicine. They are geographically connected within a radius of one mile in a cluster of buildings surrounding the Health Sciences Library and adjacent to the OSU Medical Center, the Ross Heart Hospital and the James Cancer Hospital (Figure 1). Listed below is information that briefly describes each health science college and the college's recent activities and experiences in the field of global health.

**The College of Medicine (COM)** consists of faculty and research scientists in 37 departments, 2 Schools (the School of Allied Medicine and The School of Biologic Sciences) and 19 multidisciplinary Centers and Institutes. Faculty in the College of Medicine hold more than \$182M in internal and external funding – an increase of more than \$20 M (11%) over 2005. The school is among the top 25 in entering class grade-point average, Medical College Admission Test scores, and NIH research funding. There are currently 13 thematic institutional T32, T35 and K12 programs in the COM for integrated research education.

Located in the College of Medicine, the Office of Global Health Education was established in 2005 with the vision to *"inspire future physicians to become champions for global health and for improving the quality of life for all. It seeks to prepare future physicians for practice in a diverse world, in part by fostering a spirit of service, cultural appreciation, and global partnership that will lessen the burden of disease worldwide, particularly among those most vulnerable."* It does this by providing medical students with the opportunity to learn about global health issues through didactic, self-study and participatory learning. A formal course of study has been created for international rotations that include core readings in global health. The COM has developed formal affiliations with partners in India, China and Taiwan and is currently developing affiliations with institutions in Mexico, Central and South America and Sub Saharan Africa. Sixty-four students have completed international rotations in 39 countries this past year. Over 30 more took part in international activities in low- to mid-income countries as part of a pre-clinical experience. Global health clinical experiences are also provided to students within the city of Columbus. As examples, the *Asian Health Initiative* provides care one-half day per week for non-English-speaking indigent patients. *La Clinica Latina* provides care two half days per month for Spanish-speaking indigent patients. Created in December 2000, La Clinica Latina is jointly sponsored by the OSU Medical Center; the Latino Health Alliance; and Saint Vincent's Family Services.



Housed within the COM is the **School of Allied Medical Professions (SAMP)**, a nationally recognized leader in practice-based health care education for the past five decades. SAMP offers nine undergraduate degree programs (Athletic Training, Circulation Technology, Health Information and Management Systems, Health Sciences, Medical Dietetics, Medical Technology, Radiologic Technology and Respiratory Therapy), three master's degree programs (Occupational Therapy, Physical Therapy, and MS graduate program) and one PhD program (Health and Rehabilitation Sciences). The Health Sciences Program admitted its first class in 2002, graduating 36 students in 2004-2005. For 2007, it had 200 applications and admitted 100 into its three tracks (health management, health and wellness, geriatrics and gerontology). Most students are admitted at the junior level, some at the sophomore level if they have a 3.5 or better GPA. It was featured in a New York Times article<sup>9</sup> on health science majors, and is one of only 10 programs nationally. Most of the graduates go into a health care profession such as medicine, public health, nursing or pharmacy. SAMP and its Physical Therapy Division have recently established a partnership with Mission of Friendship (an outreach project supported and funded by the Roman Catholic Diocese of Erie, Pennsylvania) based in the city of Merida within the state of Yucatan in Mexico. A group of physical therapy faculty and students from OSU and Wheeling Jesuit University provided physical therapy care for poor and disadvantaged individuals in a variety of settings in Yucatan, Mexico.

**The College of Nursing** is ranked as a top 20 school in the US News and World Report 2007 rankings. The college has maintained an active level of biobehaviorally-focused research in tobacco use and tobacco-attributable diseases for the past 15 years. More recently, the College made a commitment to focus on biobehavioral theory, health disparities and vulnerable populations, as evidenced by adoption of the *Social Determinants of Health Theoretical Framework* to restructure the doctoral program during the 2001-2002 academic year. Since restructuring, there is emphasis on the social and psychological dimensions of risky health behavior (e.g. tobacco use) and subsequent disparity that includes disease and pathology (e.g. tobacco-attributable morbidity and mortality) among vulnerable groups at risk. Faculty pursue active programs of NIH (NIDA, NCI, NICHD, NINR) funded research. For the past eight years, senior undergraduate and masters level Nurse Practitioner students have joined with a prominent non-governmental agency to establish an ongoing yearly experience in Chouleteca, Honduras. The goal is to offer primary care and health promotion for rural Hondurans who would otherwise not have access to care. The educational goal for the students is to help them experience community primary care in rural disadvantaged settings. Students are introduced to community nursing in rural southern Honduras and learn to perform health assessments and provide health promotion sessions for the residents of these communities. The Nurse Practitioner students perform health assessments, diagnose illnesses, recommend treatment plans and refer to the partner Honduran physician as needed.

**The College of Pharmacy** is extensively involved in the exciting process of discovery and dissemination of knowledge in the pharmaceutical sciences and pharmacy practice. Pharmaceutical sciences extend well beyond the medication dispensing function of pharmacy to include all aspects of the discovery, development, and use of medicines. The College has four major focus areas in pharmaceutical research with over 100 graduate students enrolled in areas of medicinal chemistry and pharmacognosy, pharmaceuticals, pharmacology, and pharmacy administration. The total number of tenured/tenure-track faculty, regular clinical faculty, and instructional staff in the College of Pharmacy is 58 and a total of 21 out of the current 30 senior faculty in the College of Pharmacy are Fellows of scientific organizations or professional pharmacy organizations. Overall, the College of Pharmacy ranks in the top 10% among the 95+ colleges of pharmacy when scholarship, NIH funding, and perception of PharmD program quality are considered as criteria for evaluation. The total for research funding in FY2005 was approximately \$7.6 million, with approximately \$6.5 (86%) million in peer-reviewed grants and contracts from NIH and other federal agencies. Global initiatives in the College of Pharmacy include agreements of scholarly exchange with National Taiwan University, Yang-Ming University, and China Medical University with the goal of fostering advancement of pharmacy education, promoting scientific research, and enhancing understanding and collaboration between faculties.

**The College of Public Health (CPH)** was created and approved by the OSU Board of Trustees on July 1, 1995. It remains the only fully accredited college of public health in Ohio, and has the largest and most comprehensive public health offerings in the state. The College is a single tenure-initiating unit, organized internally into five divisions: Biostatistics, Environmental Health Sciences, Epidemiology, Health Behavior and Health Promotion, and Health Services Management and Policy. In addition to the academic divisions, the College contains the Center for Health Outcomes, Policy, and Evaluation Studies (HOPES), and the Office of Workforce Development. The academic programs of the College are presently concentrated at the graduate level. The Master of Public Health (MPH) and Master of Health Administration (MHA) degree programs are oriented toward professional practice, and the MS and PhD in public health are the traditional research/academic degrees. The interdisciplinary nature of public health is evidenced by the many popular dual and combined degree programs offered including MPH/MD, MHA/MD, MPH/JD, MHA/JD, MHA/MBA, MPH/MS, MPH/PharmD, and MPH/DVM. Research awards to CPH increased 152% in the last fiscal year. Cancer prevention research (including early detection/screening, exposures and tobacco control), environmental health risks and public health preparedness (especially infectious diseases and workforce training) are areas of emphasis within the College. Collectively the faculty was responsible for approximately 150 refereed journal articles and book chapters in 2006 and election of four members of the faculty to fellowship in the American Academy for the Advancement of Science (AAAS). Most recently, the College of Public Health joined with the College of Medicine to create a Center for Global Health that was approved by the OSU Board of Trustees in July 2007.

**The College of Veterinary Medicine** is ranked 6<sup>th</sup> in US News and World Report and is 10<sup>th</sup> in NIH funding to schools of veterinary medicine. Research awards, over the last five years (2000 - 2005), total over \$29 million and indicate strong interdisciplinary research programs in the areas of cancer, endocrinology, rickettsiology, and retrovirology. The Department has a graduate program with about 70 students who pursue the MS and PhD degrees in experimental pathobiology, molecular biology, biochemistry, microbiology, molecular virology, and physiology and have developed a unique interdisciplinary DVM/MPH program with the College of Public Health. The college has a long-standing tradition of international collaborations. In the past five years, 14 members of the faculty and 41 students have engaged in health-related veterinary projects (e.g. zoonotic foodborne pathogens and parasitology) in low-income countries such as Thailand, Venezuela, Egypt and India. Formal collaborative partnerships have been established with Chiang Mai University in Thailand, Bogor University in Indonesia, and Assiut University in Egypt.