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If you wish to submit a new course, please login

# The University Of Toledo

## NEW COURSE PROPOSAL

\* denotes required fields

1. College\*: *Medicine*  
 --Select a College--

Department\*: *N/A (INDI course)*  
 --Select a Department--

2. Contact Person\*: *Randall Ruch*  
 Phone: *419-383-4408* (XXX - XXXX) Email: *randall.ruch@utoledo.edu*

3. Alpha/Numeric Code (Subject area - number)\*: *INDI 629*

If this is a renumbering, please request an electronic copy of the old course approval through the Register's Office at x4865, and attach it to #15 in this form. Remember to delete the old course ID in #13.

4. Proposed title\*: *Introduction to Global Medicine*  
 Proposed effective term: *Summer, 2011*

5. Planned enrollment per section: \_\_\_\_\_ per term: *10-15*

6. Is the course cross-listed with another academic unit?  Yes  No

Is the course offered at more than one level?  Yes  No

If yes to either question, please list additional Alpha/Numeric codes, and submit a separate New Course form or Course Modification form for the course(s) referenced below.

a. *INDI 829*      b.      c.

Approval of other academic unit (signature)

Name and title

If course is to be offered at more than one level, attach an explanation of the different requirements that students must meet for each level. If the requirements are the same for each level, justification must be provided.

7. Credit hours\*: Fixed: *3* or Variable: \_\_\_\_\_ to \_\_\_\_\_

8. Delivery Mode: Primary\* *Lecture* Secondary *Ind. Study* Tertiary

a. Activity Type\* \* --SelectType+

b. Minimum Credit Hours \* *3*

Maximum Credit Hours \* *3*

c. Weekly Contact Hours \* *4*

9. Terms offered:  Fall  Spring  Summer

Level (check one)\*

Undergraduate

Graduate

Will this course impact program requirements?  Yes  No If yes, a Program Modification must be completed.

Type of course (check all that apply):

Academic Skills Enhancement  Writing Intensive (WAC)  Honors

Univ. Core:  English  Hum  Math  Nat. Sciences  Social Sciences

Multicultural:  Diversity of US Culture  Non-US Culture

Transfer module:  Arts&Hum  Engl  Math  Nat Sci & Phys  Soc Sci  
 (to be considered as core curriculum, question 18 must be completed)

Administrative Use Only

Code: \_\_\_\_\_

Approved (senate or Grad Council) \_\_\_\_\_

Effective Date: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ (mm/dd/yyyy)

CIP Code: \_\_\_\_\_

Sub: \_\_\_\_\_ Prog: \_\_\_\_\_ Level: \_\_\_\_\_

† Choices are: Lecture, Recitation, Seminar, Regular Lab, Open Lab, Studio, Clinic, Field, Independent Study, Workshop, Computer Assisted Instruction, Other

Years offered:  Every Year  Alternate Years

10. Are students permitted to register for more than one section during a term?  No  Yes

May the courses be repeated for credit?  No  Yes

Maximum Hours

11. Grading System\*:

Undergraduate	Graduate
<input type="radio"/> Normal Grading (A-F,PS/NC,PR, I)	<input type="radio"/> Normal Grading (A-F,PS/NC,PR, I)
<input type="radio"/> Passing Grade/No Credit (A-C, NC)	<input type="radio"/> Grade Only (A-F)
<input checked="" type="radio"/> Credit/No Credit (S/U)	<input type="radio"/> Satisfactory/Unsatisfactory (G only)
<input type="radio"/> Grade Only (A-F, PR, I)	<input type="radio"/> Audit only
<input type="radio"/> Audit only	<input type="radio"/> No Grade
<input type="radio"/> No Grade	

12. Prerequisites (must be taken before): a. *N/A* b. - c. -

PIN (Permisson From Instructor)  PDP (Permission From Department)

Co-requisites (must be taken together): a. *N/A* b. - c. -

13. If course is to replace an existing, course(s) will be deleted, and when should that deletion occur? *N/A*

<u>Course to be removed from inventory</u>	<u>Final Term to be offered</u> ( YYYYT, i.e. use 20064 for Fall'06 )
a. -	
b. -	
c. -	
d. -	

14. Catalog description\* (30 words Maximum)

The course is intended for *medical* medical and graduate students as an introduction to medical and community development missions in developing nations.

15. Attach an electronic copy of a complete outline of the major topics covered.

Syllabus: \* *see attached document*

Additional Attachment 1:

Additional Attachment 2:

16. Where does this course fit in the University/College/Department curriculum? (Be specific by course level, if applicable). Indicate prospective demand.

An introduction to the issues and disparities in health and medical care that exist within poor communities of developing nations and presentation of the tools to address those disparities.

17. If the proposed course is similar to another course in the College or University, please describe the difference and provide a rationale for the duplication. (If this course duplicates material covered in another course within your department or college or in another college, attach a letter of endorsement from that area's dean and department chairperson indicating their support. Clarify the manner in which this course will differ).

*N/A*

18. If the course is intended to meet a University Undergraduate Core requirement, complete the following and submit a course syllabus using the template:  
 Please explain how this course fulfills the general education guidelines. (Guidelines are available in Faculty Senate Website)

N/A

**Course Approval:**

Department Curriculum Authority:	<input type="text" value="N/A"/>	Date	Month	/	Day	/	Year
Department Chairperson:	<input type="text" value="N/A"/>	Date	Month	/	Day	/	Year
College Curriculum Authority:	<input type="text" value="Thomas W."/>	Date	Month	3	/	Day	31 / Year 2011
College Dean:	<input type="text" value="J. G. ..."/>	Date	Month	/	Day	/	Year

*After college approval, submit the original signed form to the Faculty Senate (UH 3320) for undergraduate-level courses; for graduate-level courses submit the original signed form to the Graduate School (UH3240). For undergraduate/graduate dual-level courses, submit the proposals to each office.*

Faculty Senate Undergrad. Curriculum Comm.:	<input type="text"/>	Date	Month	/	Day	/	Year
Faculty Senate Core Curriculum Comm.:	<input type="text"/>	Date	Month	/	Day	/	Year
Graduate Council:	<input type="text"/>	Date	Month	/	Day	/	Year
Office of the Provost:	<input type="text"/>	Date	Month	/	Day	/	Year
Registrar's Office:	<input type="text"/>	Date	Month	/	Day	/	Year

You will see a confirmation page after you press the "Submit" button. If you do not see the confirmation page, please call x 4320 or send an email to [ProvostWebMaster.utoledo.edu](mailto:ProvostWebMaster.utoledo.edu). Thanks.

# INTRODUCTION TO GLOBAL MEDICINE

Summer term, 2011

3 credits

## Course Director

Dr. Randall Ruch

Department of Biochemistry and Cancer Biology

Office: BHSB 410

[randall.ruch@utoledo.edu](mailto:randall.ruch@utoledo.edu)

419-383-4408

## Course Overview

The course will provide medical practitioners and other learners with:

- An understanding of the issues and disparities in health and medical care that exist within poor communities of developing nations
- The medical, scientific, and cultural tools necessary to address those issues and disparities effectively and sustainably

## Assigned readings

- Essentials of Global Health by Richard Skolnik
- Forgotten People, Forgotten Diseases by Peter J. Hotez
- Awakening Hippocrates: A Primer on Health, Poverty, and Global Service by Edward O'Neil
- Mountains Beyond Mountains by Tracy Kidder
- Other printed and electronic reading materials assigned by facilitators

## Requirements and Assignments

- Class attendance and participation. Attendance is mandatory. If a class is missed, a make-up assignment will be assigned and must be completed. Students cannot miss more than two classes without the permission of the Course Director. Students are also expected to be attentive during classes and participate in discussions.
- Student-led class. Students will be assigned at least one chapter from the Hotez textbook and will present the chapter's topics/diseases in class. Additional instructions for this assignment will be provided in class.
- Completion of course binder. Students will collect all hard copy materials from the course and their projects and compile them into a three ring binder. The completed binder must be approved by the Course Director.
- Discussion questions for Mountains Beyond Mountains. Students will turn in their answers to the discussion questions about Kidder's biography of Paul Farmer and Partners in Health.

## Grades

- The course is graded Satisfactory/Unsatisfactory (S/U)
- A satisfactory grade will be earned by completing all of the above requirements and assignments to the satisfaction of the Course Director:

## Course Policies

- No computers or other electronic devices are allowed during class except by those making presentations.
- Other student academic policies and standards of the University of Toledo also apply to this course.

## Course Schedule

All classes meet Monday and Thursday from 7-9 p.m. in BHSB 480 (Biochemistry and Cancer Biology seminar room).

Week	Date	Topic (and reading assignments)	Facilitator
1	May 30	1. Introduce the course: review syllabus/schedule 2. Discuss students' motivations for medical mission service and experiences 3. History of medical missions and recent trends; current/past leaders; major orgs. 4. Movie: <u>Albert Schweitzer: Called to Africa</u> and discussion	R Ruch
	June 2	1. Principles and goals of global health 2. Health determinants and measurements 3. Health, education, poverty, and economy (Skolnik chapters 1-3)	R Ruch
2	June 6	1. Water, sanitation, housing, and environmental issues 2. Nutrition and Health (Skolnik chapters 7 and 8)	R Ruch C Matus
	June 9	Infectious Diseases 1 – AIDS, Malaria, and TB	Students
3	June 13	Infectious Diseases 3 – introduction, soil-transmitted parasitic helminths, schistosomiasis (Hotez chapters 1-3)	Students
	June 16	Infectious Diseases 4 – Lymphatic Filariasis (Elephantiasis), Dracunculiasis (Guinea worm), Onchocerciasis (River blindness), trachoma, Buruli ulcer, leprosy (Hotez chapters 4-6)	Students
4	June 20	Infectious Diseases 5 – Trypanosomiasis (Sleeping sickness), Chagas' disease, Leishmaniasis, Leptospirosis, Dengue, Rabies (Hotez chapter 7 and 8)	Students
	June 23	Infectious Diseases 6 – The global network for neglected tropical diseases; trends in the control of neglected tropical diseases and vaccines (Hotez chapters 10 and 11)	Students
5	June 27	1. Chronic Diseases – cancer, cardiovascular disease, respiratory diseases, cataracts and blindness, dental disease, pain/arthritis/fatigue 2. Men's health issues – medical, alcoholism, drugs, work-place safety/accidents	C Matus
	June 30	Women and infant health issues – Cervical cancer, Averting maternal death and disability (AMDD), Impact, Skilled Care Initiative (SCI), ACCESS (Skolnik chapter 9)	A Ruch
6	July 4	No Class (holiday)	
	July 7	1. Empowerment of women and children (health information, cultural models for 'marriage', economic development, domestic violence, corporal punishment, education, sex trafficking) 2. Movie: <u>Little Princes: One Man's Promise to Bring Home the Lost Children of Nepal</u> and discussion	MK Smith A Ruch
7	July 11	Health issues of infants and children (Skolnik chapter 10)	G Collins
	July 14	Mental health – individuals and communities	MK Smith
8	July 18	Mental health – individuals and communities	MK Smith
	July 21	Culture, religion, and spirituality (Skolnik chapter 6)	J Davies
9	July 25	Culture, religion, and spirituality	J Davies
	July 28	Movie: <u>The Gods Must Be Crazy</u> and discussion	J Davies
10	August 1	Responding to disasters, conflicts, and other emergencies (Skolnik chapter 14)	R Paat
	August 4	1. Human rights and health (Skolnik chapter 4) 2. Movie: <u>The Short Life of Jose Antonio Gutierrez</u> and discussion	R Ruch
11	August 8	Discussion of <u>Mountains Beyond Mountains</u> Movie: <u>The Road to Fondwa</u> and discussion	R Ruch A Ruch
	August 11	1. Examining your motives for medical missions 2. Getting ready - the nuts and bolts of participating in a medical mission	A Ruch MK Smith R Paat
12	August 15	Movie: PBS series on Global Health – <u>Rx for Survival</u>	R Ruch
	August 18	Movie: PBS series on Global Health – <u>Rx for Survival</u>	R Ruch