

**BEN-GURION UNIVERSITY OF THE NEGEV**  
**MEDICAL SCHOOL FOR INTERNATIONAL HEALTH**  
**IN COLLABORATION WITH COLUMBIA UNIVERSITY MEDICAL CENTER**

**APPLICATION AND INSTRUCTIONS FOR**  
**INTERNATIONAL HEALTH ELECTIVE CLERKSHIPS FOR VISITING P & S STUDENTS**

Fourth year students matriculated at the College of Physicians and Surgeons may apply for two-month international elective courses at sites affiliated with the BGU-CU M.D. Program in International Health and Medicine. **Students should not contact the affiliated sites on their own. All inquiries MUST go through the BGU-CU Program Office.** Information about the electives that we offer can be found on the BGU-CU Medical School for International Health website at <http://cumc.columbia.edu/dept/bgcu-md/cur-ihm.htm> (click on "P & S Visiting Student Elective Application and Information".)

**Please read the following requirements carefully.**

- **Application processing fee:** \$10 US. Check to be made payable to BGU-CU M.D. Program and should be included with your application. **This fee is non-refundable.**
- **Good standing:** Student must be in good academic standing in the fourth year at the College of Physicians and Surgeons and have completed all required clinical clerkships. **Attached forms must be completed.**
- **Time permitted:** Two month international health electives are permitted. Due to the nature of preparation and planning for international clerkships, students may not enroll for less than the required eight weeks. All electives begin as indicated on the elective descriptions. **Assignments of visiting P & S students are made after the BGU-CU M.D. students have been scheduled and will be confirmed in June.**
- **Credit:** Visiting students receive academic credit from their own medical schools for electives completed at P&S. They are not considered matriculated students at Ben-Gurion University Medical School. Transcripts will not be issued on completion of electives. **The visiting student should provide the BGU-CU M.D. Program's site preceptor with a performance evaluation form at the completion of the elective.**
- **Health:** Visiting students must have proof of health, liability, and malpractice insurance. Evacuation and/or repatriation insurance is also recommended. **The Student Health Service of the home institution must complete the attached immunization record.** Students MUST provide proof of positive MMR titers taken within the last 5 years.
- **Housing:** Single and shared rooms in medical student and guest housing are available at each international site. They usually provide a corridor bath and shower facilities.
- **Application process:** Available electives are assigned on a first come, first served basis. Applications will not be processed until all required forms are received. **Application must include: BGU-CU M.D. Program elective application form (attached), Dean's Certification form (attached), Immunization Record (attached), US\$10 processing fee.**

**Application materials should be sent to:**  
Pamela Cooper  
Administrative Director  
(Address listed below)

**Applications may be obtained from:**  
Alice Mahoney  
email: [AM837@columbia.edu](mailto:AM837@columbia.edu)

630 West 168<sup>th</sup> Street, PH 15E-1512  
New York, NY 10032  
Phone: (212) 305-9587/ Fax: (212) 305-3079

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**APPLICATION FOR INTERNATIONAL HEALTH ELECTIVE CLERKSHIPS FOR VISITING P & S STUDENTS**

SECTION 1: TO BE COMPLETED BY STUDENT		
<b>NAME (PRINT)</b>	<b>SOCIAL SECURITY #</b>	<b>MEDICAL SCHOOL</b>
<b>ADDRESS</b>		<b>ADDRESS</b>
STREET		STREET
CITY	STATE	ZIP
CITY	STATE	ZIP
<b>PHONE #</b>	<b>GRADUATION DATE</b>	<b>PHONE # DEAN'S OFFICE</b>
( )		( )
<b>E-MAIL ADDRESS:</b>		
<b>ELECTIVE REQUESTED (IN ORDER OF PREFERENCE)</b>		<b>NUMBER OF ELECTIVES REQUESTED</b>
COURSE LOCATION		1
1.		
2.		
3.		

SECTION 2: TO BE COMPLETED BY THE DEAN FOR STUDENT AFFAIRS
<ul style="list-style-type: none"> <li>THE ABOVE NAMED STUDENT IS IN GOOD STANDING AT THIS INSTITUTION. THE STUDENT IS PRESENTLY IN HER/HIS _____ YEAR OF A _____ YEAR PROGRAM STUDYING FOR THE M.D./D.O. DEGREE.</li> <li>THIS STUDENT <b>WILL</b> PAY TUITION DURING THIS ELECTIVE PERIOD.</li> <li>THIS STUDENT <b>IS</b> COVERED BY LIABILITY, MALPRACTICE AND PERSONAL HEALTH INSURANCE.</li> <li>THIS STUDENT <b>HAS</b> COMPLETED THE REQUIRED COURSE IN UNIVERSAL PROCEDURES (OSHA) WITHIN 12 MONTHS OF THE START OF THIS ELECTIVE.</li> <li>THIS STUDENT <b>WILL/WILL NOT</b> BE TAKING THIS ELECTIVE FOR CREDIT.</li> <li>AN EVALUATION <b>WILL/WILL NOT</b> BE REQUIRED AT THE CONCLUSION OF THIS ELECTIVE.</li> </ul> <div style="margin-top: 20px; display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p>SCHOOL SEAL</p> </div> <div style="text-align: right;"> <p>SIGNATURE: _____</p> <p>NAME: _____</p> <p>TITLE: _____</p> <p>DATE: _____</p> </div> </div>

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**VISITING P & S STUDENT DEAN'S CERTIFICATION FORM**

STUDENT: \_\_\_\_\_ YEAR: \_\_\_\_\_

REQUESTED ELECTIVE LOCATION: \_\_\_\_\_

HOME MEDICAL SCHOOL: COLUMBIA UNIVERSTIY COLLEGE OF PHYSICIANS AND SURGEONS

1. **Health Assessment**

\_\_\_\_\_ Immunization Record attached

2. **Compliance with OSHA Bloodborne Pathogens Regulation**

\_\_\_\_\_ Educational Session attended

\_\_\_\_\_ HBV Vaccine Immunization or declination verified

3. **Health Insurance**

\_\_\_\_\_ Coverage provided by: \_\_\_\_\_

4. **Liability Insurance**

\_\_\_\_\_ Coverage provided by: \_\_\_\_\_

5. **Privileges credentialed by home school**

(approved for performance under general supervision)

\_\_\_\_\_ Venipuncture

\_\_\_\_\_ Starting IV fluids

All other procedures by medical students will be performed under direct visual supervision of a credentialed member of the hospital medical staff.

6. **Recommendation by Dean**

\_\_\_\_\_ I certify that this student is in good standing at \_\_\_\_\_  
and has been approved for this elective.

\_\_\_\_\_  
Signature  
Associate Dean for Student Affairs

\_\_\_\_\_  
Date

Medical School Seal

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**VISITING P & S STUDENT IMMUNIZATION RECORD**

Name: \_\_\_\_\_ Medical School: \_\_\_\_\_  
 Address: \_\_\_\_\_ Year of Graduation: \_\_\_\_\_  
 \_\_\_\_\_

**THIS INFORMATION IS REQUIRED PRIOR TO PATIENT CONTACT.**

**TUBERCULIN SKIN TEST**

<b>PPD</b> _____	Date _____	NR _____	Results _____
Tine _____	Date _____	NR _____	Results _____
Mantoux _____	Date _____	NR _____	Results _____
Vaccine (BCG) _____	Date _____	NR _____	Results _____

**CHEST X-RAY IF POSITIVE TB OR BCG** Date \_\_\_\_\_ NR \_\_\_\_\_ Results \_\_\_\_\_

**RUBELLA**

Illness _____	Yes ___ No ___	NR _____	Date _____
Vaccination _____	Yes ___ No ___	NR _____	Date _____
*Titer _____	Results _____		Date _____

**MUMPS**

Illness _____	Yes ___ No ___	NR _____	Date _____
Vaccination _____	Yes ___ No ___	NR _____	Date _____
*Titer _____	Results _____		Date _____

**HEPATITIS**

B Antibody _____	Date _____	NR _____	Results _____
B Vaccine _____	Yes ___ No ___	NR _____	Date _____
B Antibody _____	Date _____	NR _____	Results _____

**DIPHTHERIA/TETANUS**

Booster \_\_\_\_\_ Yes \_\_\_ No \_\_\_ NR \_\_\_\_\_ Date \_\_\_\_\_

**VARICELLA**

Illness \_\_\_\_\_ Yes \_\_\_ No \_\_\_ NR \_\_\_\_\_ Date \_\_\_\_\_

**POLIO**

Subq (Salk) _____	Yes ___ No ___	NR _____	Date _____
Oral (Sabin) _____	Yes ___ No ___	NR _____	Date _____
Booster _____	Yes ___ No ___	NR _____	Date _____

**RUBEOLA**

Illness _____	Yes ___ No ___	NR _____	Date _____
Vaccination _____	Yes ___ No ___	NR _____	Date _____
*Titer _____	Results _____		Date _____

NR = No Record

\*Must be **positive** within the last five years.

Signature	Date	Signature	Date
School Health Service Official		Visiting Student	

630 West 168<sup>th</sup> Street, PH 15E-1512  
 New York, NY 10032  
 Phone: (212) 305-9587/ Fax: (212) 305-3079

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**Overview of International Clerkship Opportunities for Fourth Year Medical Students**  
**from the College of Physicians and Surgeons**

Mid-January to mid-March, 2007

The Clerkship in International Health and Medicine is an innovative and unique two-month program that takes place during the fourth year of the Ben-Gurion University-Columbia University Medical School for International Health (BGU-CU MSIH) in a lesser developed region of the world. As part of Ben-Gurion University Medical School's collaboration with Columbia University, fourth year medical students from the College of Physicians and Surgeons may apply for placement in these clerkships alongside fourth year students in the BGU-CU MSIH Program. For the IHM elective cycle beginning in January 2007, the Program will accommodate one P & S student at each of its Kenya, India, and Ethiopia sites. From 2008, P & S students may participate in an international clerkships in Nepal, pending appropriate security conditions, and Peru on a space available basis.

Prior to departure for the clerkship, all students must complete a pre-departure orientation session, offered in New York, on *Cross Cultural Communication in Medicine*. Students from the College of Physicians and Surgeons are responsible for the following costs, which are subject to change based on local conditions and exchange rate fluctuations:

**Program Costs**

Tuition: \$300 - \$640 as described below (a deposit of \$150 is due by June 10<sup>th</sup>, 2006 to confirm your participation.)

The balance of tuition is due by November 1<sup>st</sup>, 2006.

There is no tuition fee for P & S students at the Galilee and Negev sites in Israel.

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Housing & Meals	\$10 per day (high estimate)
Health Insurance	Students must present proof of health insurance coverage prior to departure and must maintain health insurance for the duration of the clerkship.
Evacuation Insurance	Optional. Individual evacuation and repatriation insurance is available from a variety of insurance carriers.
Required Immunizations	A list of required immunizations will be provided upon confirmation of enrollment.
Round Trip Airfare	
Student Visa	\$60 - \$90 varies by site

**Application Process**

Applications for the India, Ethiopia, Kenya, Negev, and Nepal sites are available through the office of the BGU-CU MSIH Program or by email request to [BGCU-MD@Columbia.edu](mailto:BGCU-MD@Columbia.edu). Applications, along with a letter of good standing and \$10 application fee, are due by May 1<sup>st</sup>, 2006, except for the Negev site, for which students can apply until November 1<sup>st</sup>, 2006. Applicants will be interviewed at Columbia University in May, 2006 and participation is subject to approval by BGU-CU MSIH Program.

Elective assignments will be confirmed by Ben-Gurion University of the Negev by June 1<sup>st</sup>. Students confirm their acceptance of the elective by June 10<sup>th</sup>, 2006 with a \$150 deposit payable by check in U.S. dollars to Ben-Gurion University of the Negev. In mid-June, participants will receive a

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manual for the clerkship site and a list of required immunizations, as well as recommended medications to bring with them. The remaining balance of the tuition fee is due by November 1<sup>st</sup>, 2006, payable to Ben-Gurion University of the Negev. Pre-departure orientation sessions will be held for P & S students at Columbia University.

Students will meet the Ben-Gurion University Medical Student groups on the dates indicated on clerkship itineraries and are expected to participate in all scheduled classes, rounds, and field experiences. To obtain credit for the elective, students must fulfill all clerkship requirements, including a final project report.

**Clerkship Description**

The International Health and Medicine Clerkship is affiliated with Moi University Medical School in Eldoret, Kenya, Christian Medical College in Vellore, South India, Addis Ababa University Medical School in Addis Ababa, Ethiopia, and B.P. Koirala Institute of Health Sciences in Daharan, Nepal. The site in Israel is at Soroka University Medical Center (in the Negev). The Clerkship, under the supervision of an academic coordinator from the host university, consists of a two-month clinical rotation (with a small group of BGU-CU MSIH students and local medical students) at a University teaching hospital and/or a community health center.

The goal of the Clerkship is to enable the student to experience the practice of medicine in a cultural environment other than his/her own and to apply theoretical knowledge to different cultures and ethnic groups; this while working under varied conditions effected by the economics, traditions, religious beliefs, limited resources and geography of the site.

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Students are advised that participation in international clerkships may subject them to conditions and events beyond the control of the BGU-CU MSIH Program, its representatives and the host institution, including, but not limited to, risks to personal health, safety, or personal property. As a requirement for their participation in international clerkships, students shall agree to hold BGU-CU MSIH Program, its agents, officers or representatives, and the host institution harmless for accidents, injury or any other losses arising from their participation in the international clerkship. Participants in international clerkships shall also confirm their agreement to conform to standards of professional conduct consistent with the maintenance of a positive reputation of BGU-CU MSIH Program and acknowledge that in the event that their conduct is found to be detrimental to the best interests of the BGU-CU MSIH Program, their participation will be terminated. Such termination shall not diminish or otherwise affect the student's obligation to make any tuition payments outlined above and BGU-CU MSIH Program in no event shall be required to refund to any payment made by student to the Program.

**Send completed applications should to:**

Pamela Cooper, Administrative Director  
BGU-CU Medical School for International Health  
630 W. 168<sup>th</sup> Street, PH15E-1512,  
New York, New York 10032

Phone: (212) 305-9587

Fax :(212) 305-3079

Email: PC203@Columbia.edu

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**Clerkship in International Health and Medicine in Ethiopia**

**Mid-January – Mid-March, 2007**

**Addis Ababa University Faculty of Medicine  
and**

**BGU-CU Medical School for International Health  
Ben Gurion University - Faculty of Health Sciences  
Beer Sheva, Israel**

Tuition Fee: \$360 US (Payable by check to Ben-Gurion University of the Negev)

**Goal:**

The student will understand the problems and challenges of promoting health and providing the best possible medical care (with limited resources), for urban and rural communities in Sub-Saharan Africa.

**Objectives:**

1. The student will know the environment and understand the culture of his patients by studying the unique features of Ethiopia and its people:

- Geography and Climate
- Economy and Political system
- Demography and social structure
- History, culture and religions

**Readings:**

1. *The clerkship manual*
2. "Under Ethiopian Skies" by G. Hancock & R. Pankhurst
3. "Ethiopia off the Beaten Trail" by J. Graham
4. "The Sign and the Seal" by G. Hancock

Visit to the *Institute of Ethiopian Studies* (AAU campus). Contact Prof. R. Pankhurst

2. The student will be well informed about Health in Ethiopia by studying:

- Living conditions in rural areas and urban slums: housing, sanitation, safe water supply, problems of transportation
- Draught and food security
- Socio-cultural health related issues such as land ownership, unemployment, poverty, status of women, literacy, family structure, female circumcision, child labor, orphans, street children and twins
- Traditional diets and resulting nutritional deficiencies, Breast feeding and other infant feeding practices
- Relevant health indicators such as life expectancy and infant mortality, the socio-economical effect of the HIV epidemic, maternal mortality rates and causes, recent epidemics and endemic diseases
- Traditional medicine and healers
- Traditional birth attendants
- Organization of the Health Care System in Ethiopia (Governmental, NGOs and Private)
- Child Survival Programs, logistics and coverage of food supplementation and immunization programs

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- AIDS prevention and Family Planning programs
- Health education and health promotion programs

Readings:

*Ethiopian Journal of Health Development.*

<http://www.cih.uib.no/journals/EJHD/EJHD-main-page.htm>

*Ethiopia Demographic and Health Survey ORC Macro.* Calverton, Maryland, USA

[www.measuredhs.com](http://www.measuredhs.com)

3. The student will know how to diagnose, treat and prevent common conditions and illnesses with limited resources (according to the principles of Integrated Management of Childhood Illnesses IMCI).

- HIV/AIDS Infections
- Tuberculosis
- Differential diagnosis of fever
- Polio
- Malaria
- Acute Respiratory Infections
- Measles
- Septic Arthritis and Osteomyelitis
- Meningitis
- Diarrhoeal Diseases
- Nutritional deficiencies (Protein-energy and Micro-nutrients).
- Malnutrition & Stunted Growth
- Nutritional Management and Rehabilitation
- Differential diagnosis of anemia
- Helminthiasis
- Rheumatic Heart Disease
- Childhood Lymphomas
- Tropical Dermatology
- Leprosy
- Onchocerciasis
- Leishmaniasis
- Filariasis
- Trachoma
- Vitamin A deficiency
- Gonococcal infections
- Syphilis

Readings (Texts will be available on-site):

***Management of the Child with a serious infection or severe malnutrition - WHO***

***Topics in International Health - The Welcome Trust. (10 CD-ROMs)***

4. The student will know how to perform and interpret simple laboratory tests for the diagnosis of:

- Malaria
- Tuberculosis

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5. The student will be familiar with the organization and various functions of a Primary Health Center.
  - Activities
  - Staffing
  - Types of patients
  - Available Medicines and Procedures
6. The student will know how to practice medicine in a Primary Health Center and understand the logistic difficulties of rural immunization programs.
7. The student will learn how to do infant nutrition surveys in rural areas.
8. The student will learn how to do water and sanitation surveys.
9. The student will participate in health education programs in schools and primary health centers.
10. The student will understand the causes of maternal mortality and morbidity and the principles of safe motherhood programs
11. The student will study the organization and function of a health oriented NGO in Addis.
12. The student will know how to protect him/herself against HIV, Malaria and other common infectious diseases.

**On Site Program:**

**General**

1. The students will be guests of the following institutions:
  - Department of Pediatrics, Addis Ababa University Faculty of Medicine
  - Department of Community Health, Addis Ababa University Faculty of Medicine
  - The All Africa Leprosy, Tuberculosis & Rehabilitation Training Center (ALERT)
  - The Gemini Trust
  - The Fistula Hospital
  - The Mother Theresa Hospice
  - The JDC (Joint Distribution Committee) Clinic
2. The total duration of the clerkship is 8 weeks in Ethiopia.  
The general framework of the clerkship is as follows:
  - 3 weeks - Black Lion Hospital
  - 2 weeks - Rural Community Health Training Program
  - 1 week - ALERT
  - 1 week- ALERT (second week) or Fistula Hospital, or Gemini trust or Mother Theresa)
  - 1 week - Addis Ababa University Faculty of Medicine to review case notes and write up final report.
3. The academic coordinators are Dr. Amah Mekasha (Pediatrics), Dr. Damen Hailemariam (Community Medicine) and Dr. S. A. R. Krishnan (ALERT)

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**Clerkship at the Black Lion Hospital**

- The students will participate in all the academic activities of the departments of Pediatrics and Medicine including Grand Rounds.
- The students will participate in the clinical activities of the department of Pediatrics preferably the Pediatric Emergency Room (E.R) and the Out Patient Clinic (OPD).
- Dr. Amha can arrange clinical attachment with the department of Medicine upon request.
- The students will work side by side with a small group of fourth-year BGU-CU M.D. students and AAU-FM students. They will examine patients, suggest a diagnostic work-up, propose a treatment plan and present patients to the chief resident and other senior staff members.
- The students will spend the afternoons reading about their patient's conditions, and working on their projects.

**The Rural Community Health Training Program in Zeway (RCHTP)**

The program takes place in a rural health center located 160 km south of Addis. Malaria is endemic and all precautions (Lariam and bed nets) have to be taken.

BGU and P & S students will join AAU final year students for 2 weeks doing "community diagnosis, health education and diagnostic and treatments services to rural communities". See details in manual. BGU and P & S students will also participate in some of the orientation seminars before departure to Zeway.

**Clerkship at ALERT**

The week in ALERT is dedicated to Tropical Dermatology and Leprosy.

Mornings are spent in the dermatology clinic with Dr. Krishnan examining patients and discussing treatment modalities. Following recommendations of last year's students, it will be possible to do a second (optional) week in ALERT.

**The Fistula Hospital**

Reginald and Catherine Hamlin founded this unique small hospital 40 years ago.

It cares for women suffering from recto-vesical and vesico-vaginal fistula caused during obstructed labor. See description in the manual. An optional week at this hospital can be arranged for students who are interested in women health in the developing world.

**Visits to special health services in Addis**

One day visits will include the Gemini Trust Dr. Carmela Abate Green), Mother Theresa Hospice and Orphanage and the Fistula Hospital.

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**Clerkship in International Health and Medicine in India**  
**Mid-January – Mid-March, 2007**

**Community Health Department (CHAD)**  
**Christian Medical College,**  
**Vellore, India**  
**and**  
**BGU-CU Medical School for International Health**  
**Ben Gurion University - Faculty of Health Sciences**  
**Beer Sheva, Israel**

Tuition Fee: \$640 US (Payable by check to Ben-Gurion University of the Negev)

**Goal:**

The student will know how to promote community health and provide the best possible primary medical care with limited resources, in a rural region of south India.

**Objectives:**

1. The student will know the environment and the culture of his patients by studying the special features of South India and its people:
  - Geography and Climate
  - Economy and Political system
  - Demography and social structure, cast system, tribal communities and scheduled casts, culture and religions
  - Living conditions such as housing, sanitation, safe water supply, sanitation and transportation in rural areas
  - Socio-cultural health related issues such as land ownership, unemployment, family structure, poverty, low status of women, alcoholism and other substance abuse, illiteracy, female infanticide, child labor, orphans and street children
  - Traditional diets and infant feeding practices
  
2. The student will be well informed about the major health problems and health providers in South India by studying:
  - Relevant health indicators such as life expectancy, infant mortality rates and the major causes of death, maternal mortality rates and the major causes of maternal death
  - Recent epidemics and endemic diseases
  - Food insecurity
  - Nutritional deficiencies (protein-Energy and micro-nutrients).
  - Ayurvedic Medicine, practices of traditional healers and traditional birth attendants
  - Organization of the Health Care System in Tamil Nadu (Governmental, NGOs and Private)
  - Activities of women organizations and Safe Motherhood programs.
  - Child Survival programs, logistics and coverage of immunization programs.
  - AIDS prevention and family planning programs
  - Health education and health promotion programs

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3. The student will know how to prevent, diagnose and treat common conditions and illnesses with limited resources and to follow the principles of the WHO  
“Integrated Management of Childhood Illnesses”

List of diseases and conditions for discussions in teaching rounds and seminars:

- Tuberculosis
- Malaria
- HIV/AIDS Infections
- Acute Respiratory Infections
- Measles
- Typhoid fever
- Meningitis
- Diarrhoeal diseases
- Differential diagnosis of Fever
- Neonatal Tetanus
- Malnutrition & Stunted Growth
- Nutritional Management and Rehabilitation
- Differential diagnosis of Anemia
- Helmintiasis
- Care of the Newborn at home and in the health center
- Rheumatic Heart Disease
- Leprosy
- Poliomyelitis
- Vitamin A deficiency
- Gonococcal infections

*Students should start to study the diseases and conditions prior to their arrival in Vellore.*

Readings (Text will be available on-site):

*Management of the Child with a serious infection or severe malnutrition-WHO*

*Topics in International Health – the Welcome Trust (10 CD-ROMs)*

4. The student will know how to perform and interpret basic laboratory tests which are used in CHAD base hospital such as:
- Thin and thick smear for Malaria
  - Acid-fast stain.
  - Stool Parasitology
5. The student will be familiar with the tasks of the various health workers in the community;
- The Traditional Birth Attendant
  - The Community Health Worker
  - The Health Aid
  - The Nurse

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6. The student will understand the functions of a Primary Health Center.
  - Activities
  - Staffing
  - Types of patients
  - Available Medicines and Procedures
7. The student will know how to practice medicine in a Primary Health Center and as member of a Mobile Health Team and understand the logistics of providing basic medical care to a rural community.
8. The student will understand how to do research in public health by generating data from the CHAD computerized database and how to know monitor and practice quality control of the health services.
9. The student will participate in health education projects of the CHAD health services.
10. The students will understand the problem of disabled people in a rural communities and the approach of community based rehabilitation in the care of Leprosy and Polio and CP patients.
11. The student will understand why promotion of primary health is inseparable from social and economic development and how these can be accomplished in a rural and deprived region.
12. The student will know how to protect him/herself against common infectious diseases.

On site Program:

General

- The duration of the clerkship in India is eight weeks.
- During the first seven weeks, the students will be guests of Community Health Department, CMC and participate in all the activities of the CHTC program. Along with fourth-year medical students from the BGU-CU M.D. Program, P & S students will rotate between the different health facilities according to a given schedule.
- Week eight is designated as an Elective Week with a choice of continuing to work at health facilities in Vellore or participation in Calcutta Rescue Program.

Schedule

1. CHAD Hospital – 2 weeks

The students will rotate between wards, casualty and outpatient clinics and learn how to perform basic laboratory tests. The students will examine patients, suggest a diagnostic work-up, propose a treatment plan and present their patients. The students will attend their patients daily. The students will participate in the various academic activities of the department of Community Health.

2. CHAD outreach program - 2 weeks

Participation in the Community Orientation Program (COP) camp.

- Participation in Community Health Training Program (GHP II)
- Visit to the villages with Mobile Clinic Team and Leprosy Team.

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- Visit to CODES projects
3. CMC Hospital - 3 weeks; Monday
- The students will work side by side with CMC medical students on the Internal Medicine ward (Infectious Diseases) and the Pediatrics ward.
  - The students will examine patients, suggest a diagnostic work-up, propose a treatment plan and present their patients to their tutor and to other senior staff of members during formal daily teaching rounds. The students will attend their patients daily
4. Elective Week - 1 week; Monday
- Option 1. CMC/Chad
  - Option 2. Calcutta Rescue

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**Clerkship in International Health and Medicine in Kenya**  
**Mid-January – Mid-March, 2007**

**Moi University Faculty of Health Sciences**  
**And**  
**BGU-CU MD Program in International Health and Medicine**  
**Ben Gurion University - Faculty of Health Sciences**  
**Beer Sheva, Israel**

Tuition Fee: \$300 US (Payable by check to Ben-Gurion University of the Negev)

Moi Faculty Teachers

Prof. Fabian Esamai - Head, Department of Pediatrics and Child Health.  
and Academic Coordinator of the Clerkship

Dr. Paul Ayuo – Head, Department of Medicine

Prof. Joe Mamlin - Department of Medicine, IU Program

Dr. Diana Menya - Epidemiology & Preventive Medicine, Supervisor of projects

Dr Winston Nyandiko - Department of Pediatrics

Mrs. Violet Yebai – Medical Anthropology

Mrs. Susan Chebet – Principal Administrative Officer

Goal:

The student will know how to promote health and provide the best possible medical care (with limited resources), in Sub-Saharan Africa.

Objectives:

1. The student will know the environment and the community of his patients by studying the special features of Kenya and its people:
  - Geography and Climate
  - Macro and Micro Economics
  - Political Issues
  - Demography and social structure: ethnic groups, tribes, religions and marginalized communities
  - Living conditions such as housing, sanitation, availability of safe drinking water and food, and environmental hazards in rural and urban areas
  - Socio-cultural health related issues such as: poverty, land ownership, unemployment, status of women, literacy, family structure, sexual behavior, drug abuse, female circumcision, adolescent pregnancies, child labor, orphans and street children
  - Traditional diets and infant feeding practices in Kenya.

\*Students are expected to read about Kenya before the clerkship.

Some of the above mentioned topics will be discussed in meetings and seminars with Mrs.Yebay.

Other will be discussed during informal meetings with Moi medical students and staff and during the COBES experience.

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2. The student will be well informed about major health issues in Sub-Saharan Africa and Kenya by studying the following subjects:

- Recent epidemics and endemic diseases with special focus on AIDS
- Relevant health indicators such as infant and maternal mortality
- Nutritional deficiencies
- Organization of the health care system in Kenya
- Traditional Medicine
- Safe Motherhood and Child Survival Programs
- Health education and health promotion program
- Cost of health care, access, coverage, health care providers, western and traditional, preventive and curative care, primary health care, governmental, private, NGOs and mission hospitals

3. The student will know how to prevent, diagnose and treat common conditions and illnesses with limited resources. In Pediatrics the students should follow the principles of Integrated Management of Childhood Illnesses (IMCI)

The following is a list of common diseases and conditions in Kenya:

- Malaria
- Tuberculosis
- HIV/AIDS Infections
- Other Sexually Transmitted Diseases
- Diarrheal Diseases
- Malnutrition & Stunted Growth
- Nutritional Management and Rehabilitation
- Acute Respiratory Infections
- Differential diagnosis of Fever
- Differential Diagnosis of Anemia
- Typhoid Fever
- Meningitis
- Rheumatic Heart Diseases
- Septic Arthritis and Osteomyelitis
- Measles
- Helminthiasis
- Burkitt's Lymphoma

Readings (Texts will be available on-site):

*Management of the Child with a serious infection or severe malnutrition - WHO*

*Topics in International Health - The Wellcome Trust (10 CD-ROMs)*

4. The student will be familiar with the organization and various functions of a Primary Health Center.

- Activities
- Staffing
- Type of patients
- Availability of medication and procedures

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5. The student will know how to perform and interpret simple laboratory tests:
  - Malaria parasites
  - Tuberculosis
  - Stool for Ova and Cysts
6. The student will know how to work in a rural Primary Health Center.
7. The student will understand the role of traditional medicine in Kenya.
8. The student will participate in health education in the schools.
9. The student will know how to assess the nutritional status of children.
10. The student will learn how to survey the environmental health of a village (water, sanitation, Malaria control etc.).
11. The student will understand the health problems of orphans and street children
12. The student will know how to care for his/her health and protect him/herself against HIV and other infectious diseases

On site program:

General

- The students are the guests of Moi University Faculty of Health Sciences departments of Medicine, Pediatrics and Epidemiology
- The curriculum of the clerkship, based on the goals and objectives of this document, was developed by the faculties of Moi FHS and BGU-MD program in IHM
- The duration of the clerkship is 8 weeks;
- Prof. Fabian Esamai, the Academic Coordinator, is responsible for the implementation of the program
- The students will participate in the regular undergraduate teaching activities of the departments of Medicine and Pediatrics
- The community health component of the clerkship will include participation in
- COBES II and completion of a Public Health project

Schedule

- Orientation meetings during first week:

Rotation in Medicine and Pediatrics - 5 weeks

- The students will work for five weeks in Pediatrics and Medicine rotating between the two departments.
- P & S students will work side by side with fourth-year medical students from the BGU-CU M.D. Program and with Moi medical students.
- Work on the wards will include admitting, investigating and doing various procedures, drafting treatment plans following the patients and presenting patients during rounds.

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Laboratory Experience

Several sessions will be dedicated to learn how to do basic laboratory investigations for the diagnosis of:

- Malaria
- Tuberculosis
- Cysts and ova in the stool

The Community Based Education and Service Program - COBES – 2 weeks

- The COBES program takes place in several rural primary health centers around Eldoret
- Moi FHS students (medical students, nursing students and students of environmental health) spend each year several weeks in this program working as a group.
- BGU & P & S students will join second year Moi medical students during their COBES II experience for 2 weeks and take an active part in the fieldwork. If possible the BGU & P & S students will also participate in the orientation preceding the COBES.
- The tutors will primarily be the staff of the Primary Health Center (Medical officers, public health officers and nurses). A faculty member of Moi FHS will also supervise and advise the students.
- The program will include:
  1. Community diagnosis ( Nutrition Surveys, Anthropometric studies, Environmental Health, School Health etc.).
  2. Participation in various activities of the Primary Health Center such as:
    - Maternal and Child Health
    - Curative care
    - Health education

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**Clerkship in International Health and Medicine in Nepal**  
**Mid-January – Mid-March, 2008\* (Pending Security Assessments)**

**B.P. Koirala Institute of Health Sciences**  
**Dharan, Eastern Nepal**  
**and**  
**MD Program in International Health and Medicine**  
**Ben Gurion University - Faculty of Health Sciences**  
**Beer Sheva, Israel**

Tuition Fee: To be arranged.

Goals

1. The student will know how to practice medicine in a community whose culture is different from his own.
2. The student will know how to promote community health and provide the best possible primary medical care with limited resources, in a rural region of Eastern Nepal .

Objectives

1. The student will know the environment and the culture of his patients by studying the special features of Eastern Nepal and its people \*:
  - Geography and Climate
  - Economy and Political system
  - Demography and social structure, tribal communities, culture, religion and monastic life.
  - Living conditions such as housing, low temperatures, high altitudes, water supply, sanitation and transportation in mountainous areas.
  - Socio-cultural and economical health related issues such as poverty, land ownership, unemployment, family structure, low status of women, refugees, substance abuse, illiteracy, child labor, orphans and street children.
  - Traditional diets and infant feeding and care-taking practices
3. The student will be well informed about the major health problems and health providers in Eastern Nepal by studying:
  - Relevant health indicators such as life expectancy, infant mortality rates and the major causes of death, maternal mortality rates and the major causes of maternal death.
  - Recent epidemics and endemic diseases
  - Food insecurity
  - Nutritional deficiencies (Protein-Energy and Micro-nutrients - Iodine).
  - Practices of Traditional Healers and Traditional Birth Attendants
  - Organization of the Health Care System in Eastern Nepal ( Governmental, NGOs and Private)
  - Safe motherhood programs
  - Child Survival programs, logistics and coverage of immunization programs.
  - AIDS prevention and Family Planning programs

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4. The student will know how to prevent, diagnose and treat common conditions and illnesses with limited resources and to follow the principles of the WHO  
“Integrated Management of Childhood Illnesses”

List of diseases and conditions for discussions in teaching rounds and seminars:

- Tuberculosis
  - Malaria
  - Acute Respiratory Infections
  - Measles
  - Typhoid fever
  - Meningitis
  - Diarrhoeal Diseases
  - Differential diagnosis of Fever
  - Snake bites
  - Neonatal Tetanus
  - Malnutrition & Stunted Growth
  - Nutritional Management and Rehabilitation
  - Differential diagnosis of Anemia
  - Helmintiasis
  - Care of the Newborn at home and in the health center
  - Rheumatic Heart Disease
  - Leprosy
  - Poliomyelitis
  - Vitamin A deficiency
  - HIV/AIDS Infections
  - Gonococcal infections
  - Endemic Goiter and Cretinism
5. The student will know how to perform and interpret basic laboratory tests which are used in local hospitals such as:
- Thin and thick smear for Malaria
  - Acid fast stain.
  - Stool Parasitology
6. The student will be familiar with the tasks of community health workers;
- The Traditional Birth Attendant
  - The Part-time Community Health Worker
  - The Health Aid
  - The Community Nurse
7. The student will understand the functions of a District Hospital and a Primary Health Center.
- Activities
  - Staffing
  - Types of patients
  - Available Medicines and Procedures

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8. The student will know how to practice medicine in a Primary Health Center and understand the logistics and difficulties of providing basic medical care to rural communities in Eastern Nepal.
9. The student will know how to do research in community health in a developing country.
10. The student will participate in health education projects.
11. The student will understand why promotion of primary health is inseparable from social and economic development.
12. The student will know how to protect him/herself against common infectious diseases.

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**Clerkship in International Health and Medicine in Israel**  
**Mid-January – Mid-March, 2007**

Soroka University Medical Center, Beer Sheva, the Negev  
Ben Gurion University - Faculty of Health Sciences  
Beer Sheva, Israel

**Goals of the clerkship:**

1. The student will know how to practice medicine in a community whose culture is different from his/her own.
2. The student will know how to promote community health and provide the best possible primary medical care with limited resources.
3. The student will conduct a community health research project and submit a written report.

**Description of the Clerkship in International Health and Medicine in Israel**

The Clerkship is a two-month structured program in Israel that takes place under the supervision of local academic advisors in coordination with Ben-Gurion University faculty advisors. The Clerkship in Israel presents medical students with opportunities to study aspects of cultural diversity within a developed country and includes a required one-week orientation in bio-statistics and cross-cultural factors in Beer Sheva.

**IHM Clerkship in Israel consists of:**

1. Clinical rotation at a community health center and local health facilities under the supervision of an academic coordinator in the community.
2. Culturally related activities with local communities.
3. Academic activities with Ben-Gurion University advisors.
4. Supervised community health project dealing with health-related issues of the site.

**Sites**

**Bedouin population in the Negev region of Israel**

Students will attend community primary care health clinics and family health centers in Bedouin Arab communities in the Negev desert in southern Israel. In addition, students will accompany health providers on home visits and community instruction and related services at Soroka University Medical Center in Beer Sheva. Each student will conduct a community health project dealing specifically with the Bedouin population of the Negev.

**Arab population in the Galilee region of Israel**

Students will attend community primary care health clinics in Nazareth and surrounding small Arab villages in the Galilee region of northern Israel. Students will also have the opportunity to work and observe in the Nazareth Hospital. Each student will conduct a community health project dealing with health problems specific to the Arab population in northern Israel.

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**Applications are due November 1st.,2006 for 2007 electives at these sites.** For application information contact Pamela Cooper, Administrative Director, BGU-CU Medical School for International Health (212/ 305-9587).

Tuition is waived for P & S students. Students pay for student housing in Nazareth and in Beer Sheva, food and local travel expenses (@ \$50/week) and airfare to Israel.