WVSOM
Center for International Medicine and Cultural Concerns

CIMCC - INTERNATIONAL STUDIES PROGRAM
WVSOM students are offered opportunities to experientially learn about practical and specialized global medicine through hands-on programs in all four years of their osteopathic medical training.

- Students in all four years can join the WVSOM clubs: PAX (Peace-International) or CMDA (Christian, Medical, Dental Association; a national association) and participate in a spring break medical service or mission trip.

- Summer international programs between 1st & 2nd –year.

- Rotations during the latter half of 3rd year and on through 4th – year.

PAX Club Dominican Republic
Where in the world can a DO practice?

In 2012 Adrienne Biesemeyer, MA, and Dr. Karen Steele, DO, completed a dream by having Dr. Karen become the first DO registered to practice medicine in South Africa. Prior to this only MDs could practice medicine and osteopaths were limited to OMT.
Where We Have Been Since 2009
(*have an established rotation relationship)

- Bolivia
- Cambodia
- Costa Rica
- *Dominican Republic
- Ecuador
- Germany
- Guatemala
- *India
- Italy
- Nicaragua
- Republic of Georgia
- Sierra Leone, West Africa
- *South Africa
- South Korea
- *Zambia, Southern Africa

Where We Are Going... 2014

- *Malawi, Southeastern Central Africa
- Vietnam
Where can a WVSOM Student Go?

### CIMCC Relationship
- Dominican Republic
  - Family or Infectious Med/Public Health
- India
  - OB-GYN
- Malawi
  - Family Med, Infectious Med
- OB-GYN, Peds
- Sierra Leone
  - Family Med, Infectious Med
- South Africa
  - Infectious Med/Public Health
  - Family Med

### Outsourced Arrangements
- Bolivia
- Cambodia
- China
- Costa Rica
- Ecuador
- Ethiopia
- Ghana
- Jamaica
- Moldova
- Mongolia
- Morocco
- Nepal
- Peru
- Philippines
- Romania
- Senegal
- Sri Lanka
- Tanzania
- Togo
- Vietnam

### Self Arrangements
- Anywhere that is not on the USA State Department Warning List and that is Approved by WVSOM

**Outsource:**
- DOCARE: [http://www.docareintl.org/upcoming.html](http://www.docareintl.org/upcoming.html)
ROTATIONS & Indorsed travel programs

- Basically anywhere in the world that is not listed on the USA State Department Warning List and is approved by WVSOM: http://travel.state.gov/travel/cis_pa_tw/tw/tw_1764.html

  Travel Warnings are issued when long-term, protracted conditions that make a country dangerous or unstable lead the State Department to recommend that Americans avoid or consider the risk of travel to that country. A Travel Warning is also issued when the U.S. Government's ability to assist American citizens is constrained due to the closure of an embassy or consulate or because of a drawdown of its staff.

- Other limitations:
  - Countries where the PEACE Corps may have recently pulled out or is planning on pulling out
  - CIMCC Director or any member of the WVSOM administration deems an area potentially unsafe to travel to
Language Requirement

- All Spanish speaking countries require students be conversational in Spanish
- India – English, but students may need to add the cost of hiring a translator
- South Africa, Malawi and Sierra Leone – English
- Other international locations - students may need to add the cost of hiring a translator
VISAS

- **Dominican Republic** (visa at the airport $10 USD)

- **India and Sierra Leone** (you must obtain the visa before you depart the USA)

- **Malawi, South Africa** (visa at the airport no charge at this writing date)

- **Outsourced arrangements, checked with provider**
Living Conditions on Rotation & Summer Programs
Class 1-2: A location in a developed nation (South Africa, Australia and Europe) with cosmopolitan living conditions: three-star B&B or apartment, shared room with classmate (or pay extra for private room), hot & cold water, private bath & toilets, 24/7 electricity and internet access, laundry & maid service, air con & heat

Class 3: A location in a developing nation or community (Caribbean, India, Australia and some African countries): guesthouse or apartment, warm/cold water, private or shared bath & toilets, 24/7 electricity, and possible internet access, self service, no air con or heat (except in India there is air con)
Class 3: Local living conditions: guest house or group hostel or with a family, shared toilets, cold showers, electricity (most of the time), very limited internet access.

Class 4: Local living conditions: guest house or group hostel, toilets or latrines, cold showers or bucket bath, electricity certain times of the day, very limited to no internet access.
Rotations
Living Conditions on Rotation
Rotations
Procedures and Requirements
Procedures for 3rd year rotation

What you need to know

- 3rd year international rotations cannot start until mid-January of your 3rd year and can only be for 4-weeks
- You must have completed all prerequisites before you can go on an international rotation

What you need to do

- As soon as you have your site, inform your Director that you are considering an international rotation and make sure you are scheduled for the prerequisites
Process for all rotations

At anytime from today forward

- Request information
- Submit a pre-application
  - By hand or by e-mail
  - You will receive a checklist to follow in regards to full application procedure

Time sensitive

- Full-application in, 6-months before date of departure
- Required supplemental materials in 60-days before departure

Follow the Student-Checklist
# Prerequisites and Requirements

<table>
<thead>
<tr>
<th>Prerequisites</th>
<th>What you need to do</th>
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<tbody>
<tr>
<td>Family Med I</td>
<td>Work with your Director at the start to schedule all six of these before mid-January</td>
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<tr>
<td>Internal I</td>
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<tr>
<td>OB-GYN I</td>
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<td>Peds I</td>
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<td>Surgery I</td>
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<td>Emergency I</td>
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There is mandatory outside reading and video viewing

For rotations in:
India
Malawi
Sierra Leone
South Africa
Rotations Sites that have a relationship with CIMCC
WVSOM CENTER FOR INTERNATIONAL MEDICINE AND CULTURAL CONCERNS

Dominican Republic

Rotation Information and Instructions
Family Med., Infectious Med., Public Health
Dominican Republic
**Living Condition Class:** 3 or 4
Usually with a family or clinic housing

**Travel Opportunities:**  Club (PAX) and/or individual rotations, 4 slots per rotation block

**Study opportunities:** Clinical and research in Family Medicine and Infectious Med/Public Health
- Partnership with Community Service Alliance (CSA)
- HIV/AIDS Clinics in Santo Domingo and El Seibo
- Home visits to over 50 families affected by HIV/AIDS.

**Language requirement:** Conversational Spanish
The Dominican Republic Rotation has three possibilities

1. **The Family Medicine** rotation focuses on community and family medicine; diagnostics and treatment

   **Students will:**
   - Shadow and assist physicians in community clinics

2. **Infectious Medicine** which focuses on the HIV & AIDS and TB and can count as either a 4-week infectious medicine rotation or 2-week infectious med and 2-week public health rotation

   **Students will:**
   - Shadow and assist physicians who run HIV & AIDS community clinics
Gujarat, India

WEST VIRGINIA SCHOOL OF OSTEOPATHIC MEDICINE
CENTER FOR INTERNATIONAL MEDICINE AND CULTURAL CONCERNS
WVSOM-CIMCC

Rotation Information and Instructions
OB-GYN
Dabhoi, Gujarat, India
Year-round rotation opportunity

Living Condition Class: 3 above the clinic, shared room with same gender intern
All meals, laundry, housekeeping, air con

Travel Opportunities: 2 Slots per rotation block

Study opportunities: OB/GYN

Recommended language requirement: English is spoken by Dr. Dave & his nurse, but not by staff or patients. Interpreter hiring may be recommended.

- 40-60 patients a day
- Dabhoi holds 50,000 people but is considered rural by Indian standards
Dabhoi is an OB-GYN rotation in a private clinic. During this clinic rotation, students will on occasion write out prescriptions but not write progress notes, due to the amount of patients that are seen, notes are limited to fetal measurements and expected delivery date or medications prescribed or referrals.

**Procedures/Experiences**

- Vaginal Deliveries
- Ultrasound
- Episiotomies
- Caesarean Deliveries
- Abortion of non-viable fetuses
- Dilation and Curettage
- Abdominal Hysterectomies
- Vaginal Hysterectomies
- Cystocele Repair
Dabhoi, Gujarat, India
Dr. H. A. Dave (Duhvay) Obstetrics and Gynecology - Clinic
WVSOM CENTER FOR INTERNATIONAL MEDICINE AND CULTURAL CONCERNS

Malawi Rotation
MALAWI

"The Warm Heart of Africa"
Malawi

- Total population: 15,906,000
- Gross national income per capita (PPP international $): $870
- Life expectancy at birth m/f (years): 57/58
- Probability of dying under five (per 1,000 live births): 83
- Probability of dying between 15 and 60 years m/f (per 1,000 population): 384/347
- Total expenditure on health per capita (Intl $, 2011): 77
- Total expenditure on health as % of GDP (2011): 8.4

Figures are for 2009 unless indicated. Source: Global Health Observatory
Malawi

**Living Condition Class:** 3-4  
Summer Dec – March, hot 85-90  
Rain Feb-May  
Winter June-August, warm 70’s  
Housing on site, shared room same gender  
All meals, cold showers, no maid service

**Travel Opportunities:** 4 slots per rotation block

**Study Opportunities:** Clinical and research in Family Medicine and Infectious Med/Public Health  
- **Language Requirement:** English
Atupele Hospital in Karonga, is a private Catholic hospital but with a global view. They work in tandem with the free clinics and state run hospital. There is a massive need for medical technicians and they feel American trained medical student in their 3rd and 4th -year can be of great service.
Malawi - What a Karonga rotation will offers:

- **6 to 8-week rotation: Family Med, Infectious Med, OB-GYN or Pediatrics**

- **Some examples of what health concerns our students will learn:**
  - **FM:** HIV and AIDS related illnesses, other STDs/STIs, bilharzias, typhoid, diarrhoeal disease, malaria, typhoid, pneumonia, dermatological issues, untreated diabetes, injuries from farming, fishing and more
  - **IM:** Malaria, bilharzias, typhoid, diarrhoeal disease, rabies, resistant bacteria, leprosy, elephantiasis
  - **Peds:** Malnutrition, Malaria, HIV/AIDS, bilharzias, typhoid, Diarrhoeal disease, neonatal sepsis, congenital abnormalities, low birth weight, birth asphyxia, prematurity and more
  - **OB-GYN:** Normal and complicated deliveries: preterm labor, cervical insufficiency, respiratory distress syndrome, intraventricular hemorrhage, sepsis, and necrotizing enterocolitis, rupture of membranes before the onset of labor and after, eclampsia, breech and more complicated infant position birth,
Malawi Altupee Hospital

Lake Malawi

Children from the Peds ward Altupee Hospital

Traditional Healer clinic
Sierra Leone Rotation

West Virginia School Of Osteopathic Medicine
Center for International Medicine and Cultural Concerns
WVSOM-CIMCC

Rotation Information and Instructions
Family Med., Infectious Med., OB-GYN
Living Condition Class: 3 or 4, hot & muggy year-round. All meals.

Travel Opportunities: 3-4 slots per rotation block

Study Opportunities: Clinical most areas, research malaria on OB cases and ophthalmology issues in the villages

- In partnership with WVSOM alumni Dr. Tom Asher and his wife Dr. Karen Asher
- Extremely rural clinics and the Kamakwie Wesleyan Hospital in Freetown, Bombali District, Sierra Leone.
- 102 bed full service hospital servicing 600,000 people.
- Ten additional clinics gives students both rural and urban opportunities.

Recommended Language Requirement: English
Sierra Leone presently our only DO international rotation

- “God called the Asher family to go to Sierra Leone. We went to Kamakwie to work along side the Wesleyan Church of Sierra Leone and to treat patients…”

In a country that loses 1 out of every 5 woman during pregnancy or delivery, Kamakwie Wesleyan Hospital had only 4 maternal deaths in 2009. The doctors and the staff benefited from an excellent training program in obstetric care called Safe Passages, a Pro-Life Response to the Tragedy of Maternal Deaths in Africa.

Tom Asher, WVSOM graduate, 1987
Karen Asher, DO graduate, Ohio University
Sierra Leone Kamakwie Hospital
South Africa
**Living Condition Class:** 2 –
B&B: Breakfast, laundry & maid service
Heaters – Winter - June-Aug - can be cold - 70-40
Fans – Summer – Dec-Mar - hot – 75-95

**Rotation Opportunities:** 2 slots per rotation in Cape Town,
4 slots in specially arranged group rotation in rural location such as Mpumalanga and Limpopo

**Study Opportunities:** Primary Care, Infectious Medicine –
HIV & AIDS, and TB

**Clinical Opportunities:** Rural Medicine, Family Medicine,
Internal Medicine, Public Health and Infectious Medicine

**Recommended Language Requirement:** English
Infectious Diseases HIV & AIDS and TB and Community Medicine
Cape Town South Africa

The South Africa Rotation focuses on the HIV & AIDS and TB pandemic and can count as either a 4-week infectious medicine & public health rotation or as a 6-week rotation divided into 2-weeks of infectious medicine and 4-weeks of family medicine.

Students will:

- Receive HIV awareness training from grassroots organizations who are working on preventing the continued spread of HIV & AIDS and TB in their community
- Shadow and assist physicians who run HIV & AIDS community clinics
- Attend open discussion workshops with persons living with HIV in the community and in prison
- An overview of maternal child health in regards to HIV & AIDS in South Africa
- Exposure to differing views in regards to the origins, progression, and treatment of HIV and AIDS
South Africa Tygerberg Hospital
What kind of rotation are you looking for?

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<thead>
<tr>
<th>Non-stressful living</th>
<th>Drs. w/o Borders-esk</th>
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<tbody>
<tr>
<td><strong>First world:</strong></td>
<td><strong>Rustic</strong> – very different culture:</td>
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<tr>
<td>- Canada</td>
<td>- Dominican Republic</td>
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<td>- Western Europe</td>
<td>- Eastern Europe</td>
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<td><strong>First world living but underserved population</strong></td>
<td><strong>In the bush:</strong></td>
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<td>– very different culture:</td>
<td>- Malawi</td>
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<td>- South Africa</td>
<td>- Sierra Leone - mission</td>
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<tr>
<td>- India</td>
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<tr>
<td>Country</td>
<td>Number of slots per rotation block</td>
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<td>Dominican Republic</td>
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<td>India</td>
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<td>Malawi</td>
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<td>Sierra Leone</td>
<td>2-4</td>
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<tr>
<td>South Africa</td>
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Rotation Recap:
What you need to know

- First, request a Pre-application from CIMCC
- Second, as soon as you know what region you are in, let your regional director know that you would like to plan an international rotation and if it is for 3\textsuperscript{rd} or 4\textsuperscript{th} year.
- Note: International rotations can start no sooner than second half of January 3\textsuperscript{rd} year.
- You must have completed the following BEFORE you can do an international rotation:
  - \textbf{Family Med 1, Internal Med 1, Peds 1, OB-GYN 1, Surgery 1}, and best if you have also completed \textbf{Emergency Med 1}
After we receive your Pre-Application...

- You will receive a checklist to follow in regards to full application procedure
- Pre-application can be requested anytime
- Rotation full-application can be started anytime, but **COMPLETED** no less than 6-months before departure date.
- Service paperwork needs to be in no less than 3 months (depending on program).
Summer between 1st & 2nd - Year
Summer Programs: Malawi

- **Summer** – Medical Service Team & Habitat for Humanity International (HfH)

Lake Malawi

Before HfH

After HfH

Traditional Healer clinic

Children from the Peds ward Altupee Hospital
Summer Malawi - Clinical

- Day 1 Depart for Lilongwe, Malawi
- Day 2 Arrive Lilongwe
- Day 3 Depart for Karonga
- Day 4 Arrive Karonga
- Day 5 Orientation and acclamation
- Day 6-11 Work days
- Day 12 R&R
- Day 13-18 Work days
- Day 20 Closing
- Day 21-22 Optional safari
- Day 23 Depart for Lilongwe
- Day 24 Depart Lilongwe
- Day 25 Arrive USA
Summer South Africa

Touch Hours and Resume Building

Culture of Healing: Infectious Diseases HIV & AIDS and TB and Community Medicine
Cape Town South Africa
Summer South Africa
Braeside B&B Greenpoint, Cape Town
Summer Touch Hours

- Build a home

Before

After

Malawi or Zambia
Contact: Adrienne B. Biesemeyer
or
Brenda Lemine

cimcc@osteo.wvsom.edu

or
WVSOM-CIMCC
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