

Global Health Elective Rotation in Pathology

Eligibility: Clinical trainees who have completed at least their second year of residency prior to starting the elective. Total # of positions approved/year: 2

Duration: 6 weeks

Application Due by: July 15th 2017 (Departmental due date) for travel from February 2018- June 2018

Co-Directors: Neeraja Kambham MD & Yaso Natkunam MD, PhD

Elective Site: Sri Lanka (Additional sites to be listed in 2018)

University of Colombo <http://www.cmb.ac.lk/>: Focus area is Clinical Microbiology and Virology. The Medical research Institute (MRI) is the premier center in in the country for biomedical and applied health research, the major provider of infectious diseases laboratory testing for all hospitals in Sri Lanka, and the National Reference Laboratory for viral disease diagnostics, including Japanese encephalitis, Measles, Rubella, and Influenza. The rotation will be conducted at the MRI and will provide broad exposure to the diagnosis and epidemiologic monitoring of infectious diseases in Sri Lanka. Ongoing collaborative efforts are focused on laboratory capacity building and include the development and implementation of diagnostics for undifferentiated systemic febrile illnesses, such and Dengue and Chikungunya, as well as supporting infectious diseases testing for organ transplantation, which is emerging in Sri Lanka. Specific/focused projects can be developed with Stanford mentor, Dr. Benjamin Pinsky and MRI mentor, Dr. Janaki Abeynayake.

University of Peradeniya <http://www.pdn.ac.lk/>: Focus area is Anatomic Pathology. Specific/focused projects can be developed with Stanford mentor Dr. Kambham and University of Peradeniya mentor Dr. Neelakanthi Ratnatunga. One ongoing collaborative pathology project initiated by Division of Nephrology at Stanford University aims to establish clinical and laboratory criteria that reasonably predict the presence of chronic kidney disease of unknown etiology (CKDu), a chronic and progressive kidney disease afflicting farm workers in Meso-America and Sri Lanka. Trainees are highly encouraged to design subspecialty-focused projects with the mentors of the program

University of Jaffna (<http://www.jfn.ac.lk/>)/ Jaffna Teaching Hospital (<https://www.facebook.com/pages/Jaffna-Teaching-Hospital/195392667196953>): Focus area is Anatomic Pathology and Hematopathology. Specific/focused projects can be developed with Stanford mentor Dr. Natkunam and Jaffna Hospital mentor Dr. Thaneswary Sooriyakumar. Collaborative efforts are underway to improve surgical pathology diagnosis and capacity building to enhance cancer care at the Jaffna Hospital. To this end, trainees will be involved in needs assessment, quality improvement and assay development projects in various aspects of the pathology laboratory. Specific goals involve developing precision diagnostic tools for the detection of cancer biomarkers including immunohistochemistry, flow cytometry and PCR-based assays as well as establishing telepathology and biobanking facilities. Trainees are highly encouraged to design specific disease-focused projects with the mentors of the program.

Internal Application should include:

1. Curriculum vitae
2. Statement of interest regarding global health and prior experience (1page)

Once selected, the preparation for an away international rotation is quite exhaustive and additional application materials as required by CIGH (Center for Innovation in Global health: <https://globalhealth.stanford.edu/>) will be submitted with the help of Co-Directors. The CIGH application process including pre-departure requirements are included as attachments.



STANFORD
CENTER FOR INNOVATION IN
GLOBAL
HEALTH

STANFORD MEDICINE GLOBAL SCHOLAR
INDEPENDENT AWAY ROTATION CHECKLIST
RESIDENTS & FELLOWS

Please read each checklist section carefully for Pre-departure, Upon Arrival and Post-Overseas Rotation requirements. *Note: Requirements marked with an asterisk (*), indicates required paperwork that must be submitted to the CIGH Educational Program Coordinator. All forms or documentation that require submission to CIGH must be completed within three weeks of departure date and be on file in order for reimbursement requests to be processed upon end of rotation and return to Stanford. Please send questions and submit required documentation by email to Denishia Clark, dclark13@stanford.edu*

PRE-DEPARTURE

- Complete the Graduate Medical Education [Away Rotation Form](#). Check *No* for “Do you need malpractice insurance?” The GME Away Rotation Form should be completed at least **60 days prior to departure** and should be submitted with your CIGH application for review before submitting directly to the GME Office. *Note: Resident salary will not be covered if this form is not completed 60 days prior to departure.*

- Schedule Travel Clinic appointment, at least 6-weeks prior to departure, and discuss routine vaccinations (MMR, Tdap, poliovirus, hepatitis B and flu) and malaria, yellow fever, hepatitis A, typhoid, rabies and meningococcus. Submit travel clinic verification to CIGH*
 - *Residents with Stanford insurance:* Call the Travel Clinic at 650.736.5700 to make an appointment. Inform the scheduler that you are traveling with the Stanford Center for Innovation in Global Health. Once your appointment is scheduled, complete the “[2-Page Pre-Travel Risk Assessment](#)” on the [Travel Medicine Clinic Website](#) and fax the completed assessment at least one-week prior to appointment. Please note these appointments will most likely take place on Thursday mornings (8 AM – 11 AM).
 - *Residents with Kaiser insurance:* For medical evaluations, schedule an appointment with your PCP or the Travel Clinic at Kaiser for a medical evaluation. Any co-pays costs associated with the meds and visit may be applied towards your reimbursement.

Pre-Departure: The following should be completed no later than three weeks prior to departure date:

- Register travel with the Office of International Affairs <https://oia.stanford.edu>. Email registration confirmation directly from the website or forward the email confirmation to the CIGH*

- Register with the [US State Department](#) by signing up for the Smart Traveler Enrollment Program, include to travel and lodging arrangements.

- Complete the [Ethical Challenges in Short-Term Global Health Training](#) (online course) and all module-associated surveys. Completion of this course is required before your scheduled rotation. Email your certificate of completion to the CIGH Educational Program Coordinator*

Course link: <http://ethicsandglobalhealth.org>

- During the medical evaluation by the Travel Clinic, the evaluator may suggest taking N95 masks and gloves to utilize during the rotation. In the event this is suggested or required please purchase online and submit a reimbursement request to CIGH*
 - N95 Masks:
<https://www.mooremedical.com/Index.cfm?Ntk=all&No=0&Search=Search&Ns=Searchorder%7C0%7C&Ntx=mode+matchpartialmax&Ntt=n95+mask>
 - Gloves:
<https://www.mooremedical.com/Index.cfm?Ntk=all&No=0&Search=Search&Ns=Searchorder%7C0%7C&Ntx=mode+matchpartialmax&Ntt=gloves>

- Evacuation and Repatriation insurance, provides assistance for emergency evacuation in case of a health or travel emergency. Stanford residents are covered through International SOS. Program Name: 11BCPA000272. Print the membership card and write the policy/program name and appropriate phone number. Carry the card at all times during the rotation. Note: evacuation and repatriation insurance does not include abroad health insurance coverage. Complete the next checklist below.
https://internationaltravel.stanford.edu/portal_login#

- Confirm Visa requirements and Medical Licensing information within the country. Complete all necessary applications and paperwork well in advance of departure.

- Finalize rotation logistics and details with Stanford and in-country mentors. Confirm key contacts at the site. Confirm paperwork/applications specific to rotation-site hospital, discuss accommodations and special interests.

- Confirm travel and housing accommodation arrangements; share flight itinerary with CIGH* Consider purchasing travel insurance in the event there is a need reschedule or cancel the rotation. Travel may be arranged with [Stanford Travel's Egencia for Business](#). To set up a new profile please contact CIGH*

- Sign and return Stanford Liability Form to CIGH*

- Verify health insurance coverage, sign and submit the "Travelers Health Insurance Verification" form to CIGH* All traveling scholars are required to have health insurance coverage during the full length of their rotation. Refer to the "Travelers Health Insurance Verification" form for additional details and directions for how to obtain medical insurance for the duration of the overseas rotation. *NOTE:* Scholars not covered by an existing medical plan need to purchase traveler's insurance, it is strongly encouraged to obtain coverage through Travel Guard, which is a very reasonably priced (ranging from \$40 –\$150 for 6 weeks, depending on the country). Save this receipt, include in your reimbursement request and submit to CIGH*

- Review Stanford PEP protocol for healthcare workers.

- Read and print the guidelines on "Safety and Risk Reduction." Write down your overseas site mentor's and Stanford mentor's contact information; do not rely on electronics to retrieve their numbers in case of an emergency.

- Suggested Courses & Resources for preparation:*

- [International Humanitarian Aid Skills Course](#), Winter
- [Global Health Intensive 2-week Course](#), Fall
- Case-Based Tropical Medicine evening course, offered each Spring Quarter (*please take, if offered prior to your departure*).
- [Research Methods Retreat](#), Fall
- The Practitioner's Guide to Global Health; 3-part self-paced edX course
 - Part 1: [The Big Picture](#)
 - Part 2: [Preparation and On the Ground](#)
 - Part 3: [Reflection](#)

UPON ARRIVAL

- Email CIGH* to confirm arrival and share updates. Include your [new] cell phone number and (alternate) email address in the event that CIGH needs to contact you.
- Remind your on-site mentor to complete an evaluation on you and schedule your final interview before you return.
- Remember to keep track of all receipts and expenses.

POST-OVERSEAS ROTATION

- Complete the site and self-evaluation on the clinical rotation experience:
http://survey.az1.qualtrics.com/SE/?SID=SV_bdXNnnO1lbto8MB
 The evaluation survey includes a reflection essay. In the space provided (500 words or less) write a compelling reflection on your rotation experience and upload 3-4 pictures. Please make sure that the reflection essay responds to the following three questions:
 1. How did your rotation impact your concept of "doctoring"?
 2. What was the most challenging ethical issue for you while you were working?
 3. What patient story do you think will remain with you?
- Submit reimbursement request at the completion of travel. After submitting this request to CIGH* it may take up to 6-weeks to receive reimbursement. A complete reimbursement request includes the following:
 - Complete the [SU-21 reimbursement form](#), considering a few notes:
 - Section 2: please do not include your SSN. If you were a previous Stanford student (undergrad, grad, medical or doctoral) list your SU ID#, this number is six-seven digits and preceded by several zeros and located in the top left corner of the Stanford ID (this differs from the medicine ID card). If you do not have an SU ID# CIGH will follow-up to collect an alternate identification number by phone. **Please do not write/type your SSN on the form and please do not email your SSN.**
 - Section 2: to avoid payment delays please include your Department/Program mail code, or another reliable Stanford mail code where you receive mail. You may use the CIGH mail code, 5109 and will be notified when to pick up your check from the CIGH office.
 - Please ignore sections 4, 6 and 7
 - Section 5: requires a wet signature; e-signatures are accepted, it cannot be typed

- Complete the CIGH Expense Report
- Receipts in date order are required for all requested reimbursements, including those under \$75.
 - Compile receipts, invoices, and other back-up documentation for all expenses related to travel, into one pdf file.
 - Include flight itinerary, copy of boarding passes, housing invoice or receipt and credit card statement with charges.
 - Visa and medical licensing receipts are required to be in a separate pdf file.

Submit your mentor's evaluation of your rotation to CIGH*

Label photos and electronically submit to using the online self-evaluation or email to CIGH*

Schedule a Noon Conference and deliver a case-based presentation on your rotation.

Note: Depending on the terms of your rotation funding, you may be asked to deliver a case-based presentation. If you originally applied for your rotation through the Johnson & Johnson program or are an internal medicine resident, this may be a requirement for you. The CIGH Educational Program Coordinator will contact you to confirm and share next steps to schedule your presentation.

PRE-DEPARTURE CHECKLIST AT-A-GLANCE

Please submit the following required documents to CIGH at least three-weeks before you depart for your rotation:*

- Certificate of Completion- Ethical Challenges in Short-Term Global Health Training Course
- Stanford Liability Form
- Travel Clinic Verification
- Travelers Health Insurance Verification Form
- Office of International Affairs Travel Registration Confirmation
- Flight Itinerary

Note: Timely reimbursement will be contingent upon meeting all of the requirements above, including submission of evaluations by you and your mentor.



Stanford Medicine Global Scholars Program Application Process for Independent Clinical Rotations

The Center for Innovation in Global Health (CIGH) supports overseas, clinical work in low technology and resource settings dependent upon a trainee's physical diagnosis skills. Trainees are not merely an observer on site –rotations should be an asset to the staff at the receiving location and support or add to the services provided. Faculty career physicians may apply to conduct global health site development.

Criteria:

- Physicians-in-training who will have completed at least their second year of residency at Stanford may apply; and rotations must be scheduled for a minimum of 6 weeks
- Chief residents and fellows may apply for rotations scheduled for a minimum of 6 weeks
- Faculty career physicians may apply for visits of at least 2 weeks
- Trainee rotations less than 6 weeks, must be preapproved by Dean Michele Barry
- Trainees and/or their faculty mentors or advisors must have a long-standing relationship at the proposed site

Instructions:

- Applicants need to complete the information form and supplemental application materials for approval
- Applications are accepted on a rolling basis and must be received at least 90 days prior to proposed departure date. Please note, applications will not be reviewed between November 15-January 15. Submit completed applications to Denishia Clark, dclark13@stanford.edu
- Allow at least 5 business days for approval and next steps. Please note applicants may be required to schedule an advising meeting with CIGH before approval
- Approval status and funding amount may vary based on site location and length of clinical rotation
- Faculty career physicians, completed applications include the information form, CV, proposed budget and signature
- Upon approval, applicants are required to follow the pre-departure guidelines and checklist provided by CIGH
- Trainees must complete all of the steps listed below for an application to be considered complete. Incomplete applications will not be reviewed.

Completed applications include the following 8 items:

1. Signature and Acknowledgment (page 2)
2. Information Form (pages 3-4)
3. Department Approval: Residents and Fellows are required to include a letter of support from Stanford clinical faculty mentor, or a letter from your program director
4. [Graduate Medical Education \(GME\) Application for Away Rotation](#)
 - a. Check *No* for "Do you need malpractice coverage?"

- b. Leave the DOI section blank this will be signed later by the GME director
 - c. Complete the PLA with signatures from the host director and program director
 - d. For the PTA, please select the *Stanford Medicine Global Scholars* program.
 - e. Please do not submit this form to GME until approved by CIGH
5. Letter of Support* from sponsor/mentor at the host institution on letterhead, including:
- a. Description of the hospital
 - b. Description of the applicant's responsibilities, include the portion of time in an outpatient site vs. an inpatient site
 - c. Whether the hospital has hosted Stanford residents; and if yes, please provide details such as names and dates
 - d. A statement on this collaboration with Stanford (short or long-term) and/or willingness to host future Stanford physicians
 - e. A statement that confirms the applicant's visit is supervised and host will complete a mentor evaluation form at the end of the rotation
 - f. Letters may be submitted to the applicant or CIGH directly by email, dclark13@stanford.edu or by postal mail to: Denishia Clark, Stanford University CIGH, 300 Pasteur Drive, Grant Building S-101, Stanford, CA 94305-5109
6. Curriculum Vitae
7. Core Competencies- applicant may write their own or modify the template provided below, (page 5)
8. Proposed budget- include estimated flight expenses, housing, vaccines, and travel medications. Please note that funding support is not guaranteed to cover the full-proposed budget.
- a. List current funding for clinical research or overseas travel that may be applied to this rotation.
 - b. If you have traveled overseas for clinical work in the past 24 months, please describe what entity provided the funding.

Signature and Acknowledgment

By signing below, you acknowledge that you understand the criteria and application process for clinical away rotations approved by the Center for Innovation in Global Health.

Signature _____ Date _____

Printed Name _____

Stanford Center for Innovation in Global Health
Stanford Medicine Global Scholars Program

Information Form

Personal Information:

Stanford ID Number:

Name:

Address:

Cell Number: ()

Pager Number: ()

Email:

Alternate Email:

Residency Program/Department Affiliation:

Current Year/Status:

MSII MSIII MSIV

Intern PGY-2 PGY-3 PGY-4

Faculty (include title): Other (list):

Languages Spoken and Level of Proficiency (*Learn more about language proficiency levels [here](#))

List languages spoken and indicate elementary proficiency, limited working proficiency, minimum professional proficiency, full professional proficiency, native or bilingual proficiency:

Proposed Clinical Site Information:

- Name:
- Location:
- Clinical Site Affiliation:
- Services provided at the site:
- Site is: Rural Urban Peri-urban

On Site Preceptor:

- Name:
- Specialty:
- Email:
- Contact Number (include country code):

Length of International Elective: 6 wks Other: _____

(For Faculty) Length of Site Development: 2 wks Other: _____

Dates of Rotation:

Description of Site (include name, location, brief history, how you came to know of it):

On-site Responsibilities (if none, please enter N/A):

- Inpatient:
- Outpatient:
- On-Call:

Global Health Interest & Background:

Please respond to the questions below to describe your background in global health.

1. Do you have international experience? Yes No
2. If yes, where was this experience, when was it, how long did it last, and what role did you play?
3. Why do you want to participate in an international clinical rotation?
4. What do you hope to gain from the experience?
5. What will you contribute to the experience?
6. Do you plan to incorporate global health into your future career goals? How? If global health is currently a part of your career path, please describe your role and involvement?

Funding Support:

Please describe other ways (if any) in which you are able to fund this rotation:

Housing available: Yes No

Emergency Contacts:

Please provide three emergency contacts (name, phone, e-mail and relationship):

- 1.
- 2.
- 3.

This is a template, please contact your Program Director to confirm how your clinical away rotation and training curriculum may respond to core competencies of your program.

EDUCATIONAL GOALS AND OBJECTIVES

Stanford University Medical Education

Program Goals: The objective of this rotation is to expose the resident scholars to a variety of disease processes and pathologies prevalent at the host site, under the supervision of the mentor or his designee. The resident should be given appropriate responsibility and autonomy in keeping with her/his level of training and experience. The program seeks to promote learning in a resource-poor and cross-cultural environment.

Patient Care

- a. Trainees should provide compassionate, appropriate and effective care for health problems seen in a resource poor environment. Trainees should also make efforts to promote health.

Medical Knowledge

- a. Trainees should become knowledgeable about variety of diseases unique to the host country. Trainee should exhibit a scholarly approach as well as commitment to lifetime learning.

Interpersonal/Communication Skills

- a. Trainees should show sensitivity to and communicate effectively with all members of the health care team and respect cultural norms applicable to the host site.
- b. Trainees, while recognizing communication as well as cultural barriers, should be able to appropriately obtain informed consent and appropriately communicate and document in the patient record urgent or unexpected findings.

Professionalism

- a. Trainees should be altruistic and accountable and adhere to principles of medical ethics by respecting and protecting the patient's best interests and any protected health information.
- b. Trainees should demonstrate a responsible work ethic with regard to conference attendance and work assignments.
- c. Trainees should carry out all expected professional responsibilities.
- d. Trainees should be sensitive to cultural, age, gender, and disability issues.

Practice-Based Learning and Improvement

- a. Trainees should investigate and evaluate patient care practices and appraise and assimilate scientific evidence in order to improve their practices.
- b. Trainees should be able to recognize and correct personal errors.
- c. Trainees need to be competent in utilizing information technology to investigate clinical questions and for continuous self-learning.

Systems-Based Practice

- a. Trainees should understand healthcare practices on both a local and national level as they apply to medical practice in resource poor environment.
- b. In addition, Trainees should demonstrate knowledge and application of other cost effective healthcare principles to improve both individual as well as community health in resource poor environment.