



Harvard Medical School

Unmet Medical Needs and Translational Solutions: Global Curriculum HIV and TB in South Africa: unmet needs and potential solutions in 2014

Course Details and Information

Class Days: *Tuesday July 22-Friday July 25*

Meeting Space: HIV Pathogenesis Program (located in the Doris Duke Medical Research Institute (DDMRI) at the University of KwaZulu-Natal's Nelson R. Mandela School of Medicine Campus).

Course Director: Jagesh Shah, Ph.D. (Jagesh@hms.harvard.edu)

Co-Directors of Global Component:

Victoria Kasprowicz, Ph.D. (vkasprowicz@mg.harvard.edu)

Filippos Porichis, Ph.D. (fpovich@mg.harvard.edu)

Faculty Lecturers: *see attached schedule*

Sunday 20th of July: Departure from Boston

Monday 21st of July: Arrival in Durban – Check in at *Chelsea Villas* (136 Brand Rd, Durban 4001)

Tuesday 22nd July

Location: Nelson R. Mandela School of Medicine – K-RITH Seminar rooms 1 and 2

9.00am: Dr Victoria Kasprowicz (Instructor in Medicine, HMS, Associate Member, Ragon Institute of MGH, MIT and Harvard, Director of Science Education, HPP) **Welcome**

9.10am: Dr Kristina Wallengren (Executive Director of THINK - Tuberculosis & HIV Investigative Network)

“The complexity and reality of TB in South Africa – an assessment of unmet needs in 2014”

Site visit: Price Cyril Zulu Communicable Diseases Centre and King Dinuzulu Hospital (how we actually treat the patients)

12.00pm: *Lunch at HPP - notes*

1.00pm: Dr Yunus Moosa (Head of Infectious Diseases, King Edward Hospital)

“A clinician’s perspective on research and management of patients in South Africa”

3.00pm: *Depart for Chelsea Villas*

Wednesday 23rd July

8.30am: *Depart for Pietermaritzburg*

9.45am: Dr Douglas Wilson (Head of Medicine, Edendale Hospital)

"The reality of clinical research in South Africa"

Followed by tour of Edendale Hospital

12.00pm: Mr. Sandile Hlongwane (Research Manager, ITEACH (Integration of TB in Education and Care for HIV/AIDS))

"Piloting innovative solutions to improve HIV and TB care"

1.00pm: *Visit to a Traditional Healer (lunch provided)*

4.00pm: Depart for Durban

Thursday 24th July

8.30am: *Depart for FRESH Clinic in Umlazi Township*

9.00am: Amber Moodley (Program Manager, FRESH Study)

"The FRESH Study; Combining basic science with poverty alleviation"

12.30pm: *Depart for THINK headquarters at 324 Florida Road*

1.00pm: Dr Kristina Wallengren (Executive Director of THINK - Tuberculosis & HIV Investigative Network)

Open discussion on best approaches to meet unmet needs in a resource-limited setting

3.00pm: *Depart for Chelsea Villas*

Friday 25th July

Location: Susser and Stein Seminar Room- Nelson R. Mandela School of Medicine

Format: Informal lectures followed by Q and A

9.00am: Dr Victoria Kasprovicz (Instructor in Medicine, HMS, Associate Member, Ragon Institute of MGH, MIT and Harvard, Director of Science Education, HPP)

Laboratory-based research in a resource-limited setting

Followed by tour of the Nelson R. Mandela School of Medicine (and tea and biscuits)

10.30am: Dr Tariro Makadzange (Instructor of Medicine, HMS, Senior Lecturer UZCHS Assistant in Medicine, MGH, Faculty, Ragon institute of MGH, MIT, Harvard)

"Pediatric HIV in Africa: Combining basic science and clinical research to identify solutions".

11.30am: Dr Emily Wong (Instructor in Medicine, HMS and Research Associate, K-RITH - KwaZulu Natal Research Institute for Tuberculosis and HIV)

"Studying HIV/TB co-infection at the site of disease: from post-mortems to MAIT cells"

12.30pm: *Lunch*

1.30pm: Dr Emily Wong and Dr Tariro Makadzange

"Pursuing international research during medical training"

2.00pm: Dr Filippos Porichis (Instructor in Medicine, HMS and Director of International Programs, Ragon Institute of MGH, MIT and Harvard)

“PD-1: basic science to clinical trials”

3.00pm: Q and A session (with panel of above speakers)

Tea and biscuits will be served

4.00pm: *Depart for Chelsea Villas*

Depart Saturday 26th August