



Harvard Medical School

Unmet Medical Needs and Translational Solutions: Global Curriculum HIV and TB in South Africa: unmet needs and potential solutions in 2016

Course Details and Information

Class Days: Monday, 27 June; Wednesday, 29 June – Friday, 1st of July 2016

Free Day: Tuesday, 28 June –

Meeting Space: HIV Pathogenesis Programme (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-Director of Global Component: Filippos Porichis, Ph.D. (fporichis@mgm.harvard.edu)

Sunday 26 June: *Arrival in Durban, South Africa* – Check in at *Chelsea Villas*
136 Brand Rd, Glenwood, Durban

Monday 27 June: *iTeach and Edendale Hospital*

8.00: Depart Chelsea Villas for Pietermaritzburg

9.00: Arrive at Edendale Hospital, Pietermaritzburg

9.15 – 10.00: Dr Douglas Wilson (Head of Medicine, Edendale Hospital)

"The reality of clinical research in South Africa"

10.00 – 12.00: Dr. Krista Dong (Director, ITEACH (Integration of TB in Education and Care for HIV/AIDS))

"Building service into your science; designing for impact"

Followed by tour of Edendale Hospital

12.00 – 16.00: Visit to a Traditional Healer (lunch provided)

16.00: Depart for Durban

Tuesday 28 June: *PheZulu Safari Park*

9.00: Depart Chelsea Villas for PheZulu Safari Park (Botha's Hill)

Zulu Dancing Show – 30 mins (shows at 10h00, 11h30, 14h00 & 15h30)

Village Tour (20 mins)

Crocodile and Snake Park Tour (hourly tours)
Game Drive - 1hr (every hour from 9am – 4 pm)

14.00: Depart PheZulu Safari Park for Chelsea Villas
14.45: Arrive at Chelsea Villas
15.15: Depart Chelsea Villas for Moses Mabhida Stadium
15.45: Arrive at Moses Mabhida Stadium
Walk along beachfront to uShaka Marine World
18.00: Dinner at *The Cargo Hold*, uShaka
20.30: Depart uShaka for Chelsea Villas

Wednesday 29 June: *Caprisa eThekwini Clinical Research Site*

8.30: Depart Chelsea Villas for Caprisa eThekwini Clinical Research Site
8.50: Arrive at Caprisa eThekwini Clinical Research Site
9.00 – 11.00: Tour of the Treatment clinic and Prince Cyril Zulu TB Clinic
(Dr Kogie Naidoo, Head: Treatment, and Dr Rochelle Adams: Research Clinician)
11.05 – 11.50: Tour of the Prevention Clinic
(Dr Kathy Mngadi: Project Director HVTN 100, and Dr Lulu Nair: Project Director MTN Studies)
12.00 – 13.00: Questions and Answers facilitated by Dr Kogie Naidoo
Finger Lunch
13.05: Depart Caprisa eThekwini Clinical Research Site for Hillcrest Private Hospital
14.00 – 15.55: Arrive at Hillcrest Private Hospital
16.00: Depart Hillcrest Private Hospital

Thursday 30 June: *UKZN Department of Infectious Diseases and FRESH*

8.30: Depart Chelsea Villas for K-RITH
9.00 – 12.00pm: **Discussion and work on Global Unmet Needs Presentations**
12.00: Depart for FRESH research site, Umlazi
12.30: Arrive at FRESH research site
12.35: Finger lunch at FRESH
13.00: Krista Dong (Investigator, FRESH Study) and Amber Moodley (Program Manager, FRESH Study)
“The FRESH Study; Combining basic science with poverty alleviation”
Interaction with FRESH participants
15.00pm: Depart FRESH for Chelsea Villas

Friday 1 July: *Seminar Day*

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

8.30: Depart Chelsea Villas for Nelson R. Mandela School of Medicine

9.00: Arrive Nelson R. Mandela School of Medicine

9.15 - 9.25: Dr Filippos Porichis (*Instructor in Medicine, Harvard Medical School, and Assistant in Immunology at Massachusetts General Hospital*)

Welcome

9.30 - 10.00: Prof Thumbi Ndung'u (*Director, HIV Pathogenesis Programme, University of KwaZulu-Natal; Investigator and Max Planck Institute for Infection Biology Research Group Leader at the KwaZulu-Natal Research Institute for Tuberculosis and HIV; Professor in HIV/AIDS Research; DST/NRF Chair in Systems Biology of HIV/AIDS; Howard Hughes Medical Institute International Early Career Scientist*)

"Understanding antiviral immune responses and building capacity for biomedical research: The HIV Pathogenesis Programme experience"

10.05 – 10.35: Dr Zaza Ndhlovu (*Visiting Research Scientist at HIV Pathogenesis Programme, University of KwaZulu-Natal, and Instructor in Medicine, Harvard Medical School at the Ragon Institute of MGH, MIT and Harvard*)

"Immune responses during acute HIV infection provide clues for HIV vaccine development"

10.35 – 11.00 Tea in KRITH atrium

11.05 – 12.05: **Global Unmet Needs Presentations:**
Group #1 Tackling TB and other secondary infections of HIV

12.15 – 14:00: Lunch in K-RITH atrium

Q and A session (with panel of above speakers)

14.05 – 15.10: **Global Unmet Needs Presentations:**
Group #2: Improving HIV drug deployment and adherence

15:15 – 16:20: **Global Unmet Needs Presentations:**
Group #3: Reducing the HIV infection rate

16.30: Depart for Chelsea Villas