



The UKZN Teaching & Learning Office (UTLO) and

Prof M Pillay, Associate Professor Medical Microbiology and
Academic Leader: Infectious Diseases Cluster, School of Laboratory
Medicine and Medical Sciences, College of Health Sciences

Cordially invite you to a Workshop on

Development of Teaching and Research Skills as an Emerging Academic

By

Professor Graham Hatfull, University of Pittsburgh and
Dr Michelle Larsen, Albert of Einstein College of Medicine

WORKSHOP DETAILS

DATE: Friday, 7 July 2017
TIME: 09h00-12h00
VENUE: School of Life Sciences, Seminar Rooms 3 & 4, Level 3,
Biological Sciences Building, Westville Campus

RSVP Essential

Online at: <http://utlo.ukzn.ac.za/rsvp>
By: Wednesday, 5 July 2017

BIOGRAPHY



Prof Graham Hatfull

Graham Hatfull is Professor of Biological Sciences and Eberly Family Professor of Biotechnology at the University of Pittsburgh. His research focuses on the molecular genetics of mycobacteria and their mycobacteriophages. Investigations of mycobacteriophage genomics provides insights into viral diversity and evolution and offers a toolbox for understanding the major human pathogen *Mycobacterium tuberculosis*. Phage discovery and genomics presents a powerful platform for integrating research and education missions and is implemented as the Phage Hunters Advancing Research and Education (PHIRE) and the Science Education Alliance Phage Hunters Advancing Genomics and Evolutionary Science (SEA-PHAGES) administered jointly with the Howard Hughes Medical Institute (HHMI). This project is linked to the Mycobacterial Genetics Course, since 2008, held annually at the University of KwaZulu-Natal.



Dr Michelle Larsen

Michelle Larsen is Assistant Professor of Medicine at the Albert of Einstein College of Medicine (AECOM). Her research interests include drug-resistance of broad-host-range bacterial plasmids and the application of bacterial genetics to infectious diseases, bacterial replication and drug resistance of *Mycobacterium tuberculosis*, TB vaccine development, transmission and pathogenesis of XDR-TB, biomarkers of difficult to treat patients (i.e. MDR-TB/HIV and XDR-TB), HIV vaccine development, as well as livestock and wildlife tuberculosis. Dr Larsen is also Co-Director of the Mycobacterial Genetics Course, since 2008, held annually at the University of KwaZulu-Natal.

WORKSHOP OVERVIEW

TOPIC 1: Achieving Success as a Scientist: Challenges and achievements by Dr Michelle Larsen, AECOM which will cover strategies for international collaboration, mentorship, publications, leveraging funds, gender related challenges will be discussed.

TOPIC 2: Embedding Your Discipline(s) in Good Teaching Practice by Professor Graham Hatfull, University of Pittsburgh which will cover integrating the Scholarship of Teaching and Learning with multi-disciplinary research using the Sea Phage Programme as a model to stimulate good teaching practice across disciplines.