

Prof Sheetal Silal

Mathematical Modelling of Disease

- Pathway to impact
 - Established channels of communication (NICD, DoH, Training institutions)
 - Enable need to meet skills base
- Necessary skillset of a disease modeller
 - Systems thinking, mathematics, computer science, epidemiology, statistics, economics, public health
- Facilitate pathway
- How to make it happen
 - National priority
 - Scholarships/bursaries (long term view)
 - Internships (short term view)
 - Explore non-traditional models (secondments to DoH, partnerships for active mentorship)