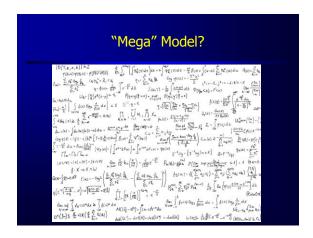


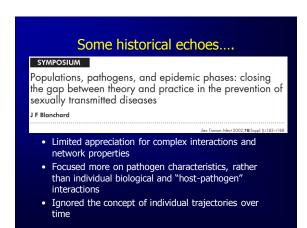
University of Manitoba

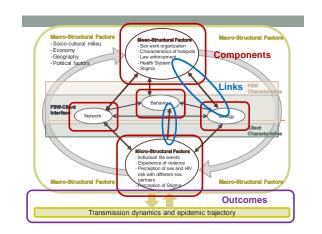


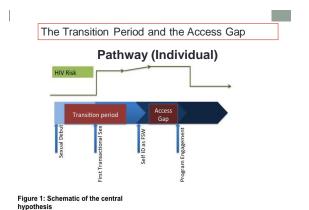
What is a "model"*? Representation or simplified version of a concept or system to: Facilitate understanding by eliminating unnecessary components and connections. Aid in decision making by simulating "what if" scenarios. To explain and/or predict events based on past observations.

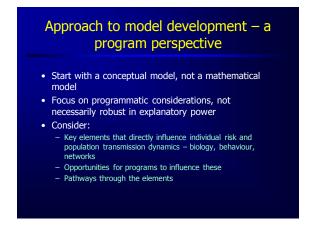
* http://www.businessdictionary.com/definition/model.html



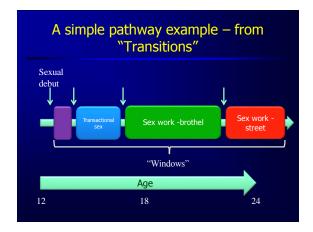


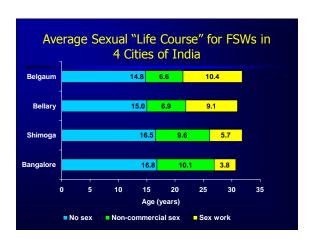




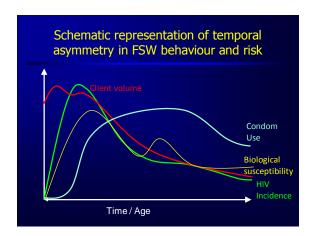


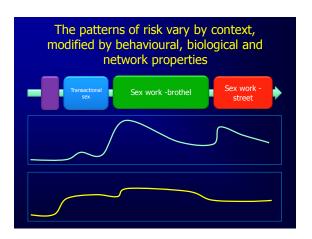


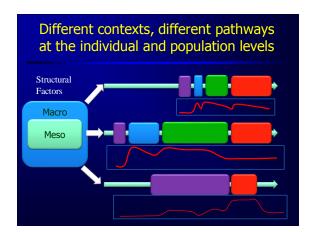




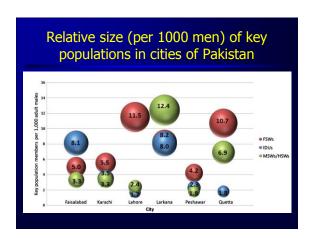


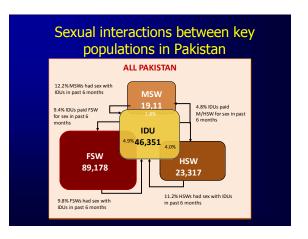


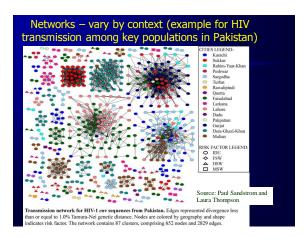




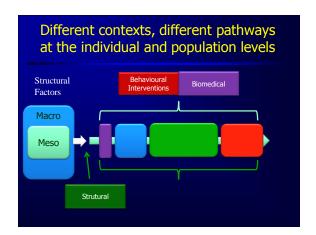








Programs — key elements • Structural interventions - Alter the meso-structural factors that influences the social organization and distribution of pathways and windows. - Influences the pathways and vulnerability of individuals and groups — "power within", "power with others", "power over resources". • Behavioural interventions - Addresses the behavioural risks within specific windows along the pathway, with either short-term or long-term effects • Biomedical interventions - Reduce the susceptibility or transmission risk, either in the short term or long term



Some issues for further development... • How can we improve our description and understanding of the temporal "pathways"? - What methods can we develop to systematically describe them? - What are the factors that influence these pathways at the individual and population levels? • How does risk vary in the different windows along the pathways? - Biological - Behavioural / network • How can we better understand how to prioritize the focus of our interventions along the pathway? - Optimize interventions for the specific pathways and windows

