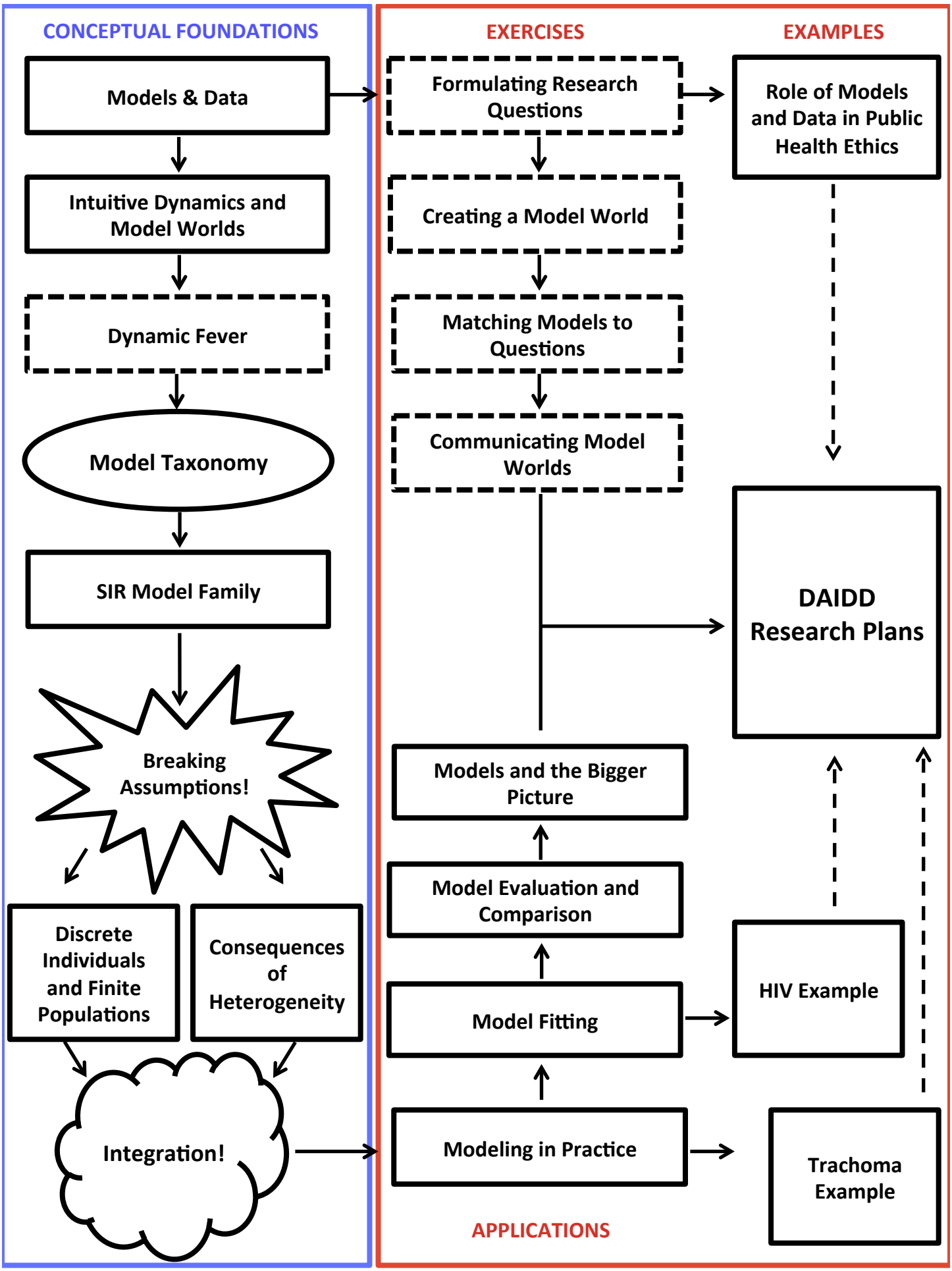
CONCEPTUAL FOUNDATIONS
Models & Data
Intuitive Dynamics and Model Worlds
Dynamic Fever
Model Taxonomy
SIR Model Family
Breaking Assumptions!
Discrete Individuals and Finite Populations
Consequences of Heterogeneity
Integration!
EXERCISES
EXAMPLES
Formulating Research Questions
Role of Models and Data in Public Health Ethics
Creating a Model World
Matching Models to Questions
Communicating Model Worlds
DAIDD Research Plans
Models and the Bigger Picture
Model Evaluation and Comparison
Model Fitting
HIV Example
Modeling in Practice
Trachoma Example
APPLICATIONS