

DAIDD 2017

Welcome and Introductions

December 10, 2017

*ICI3D Program Faculty

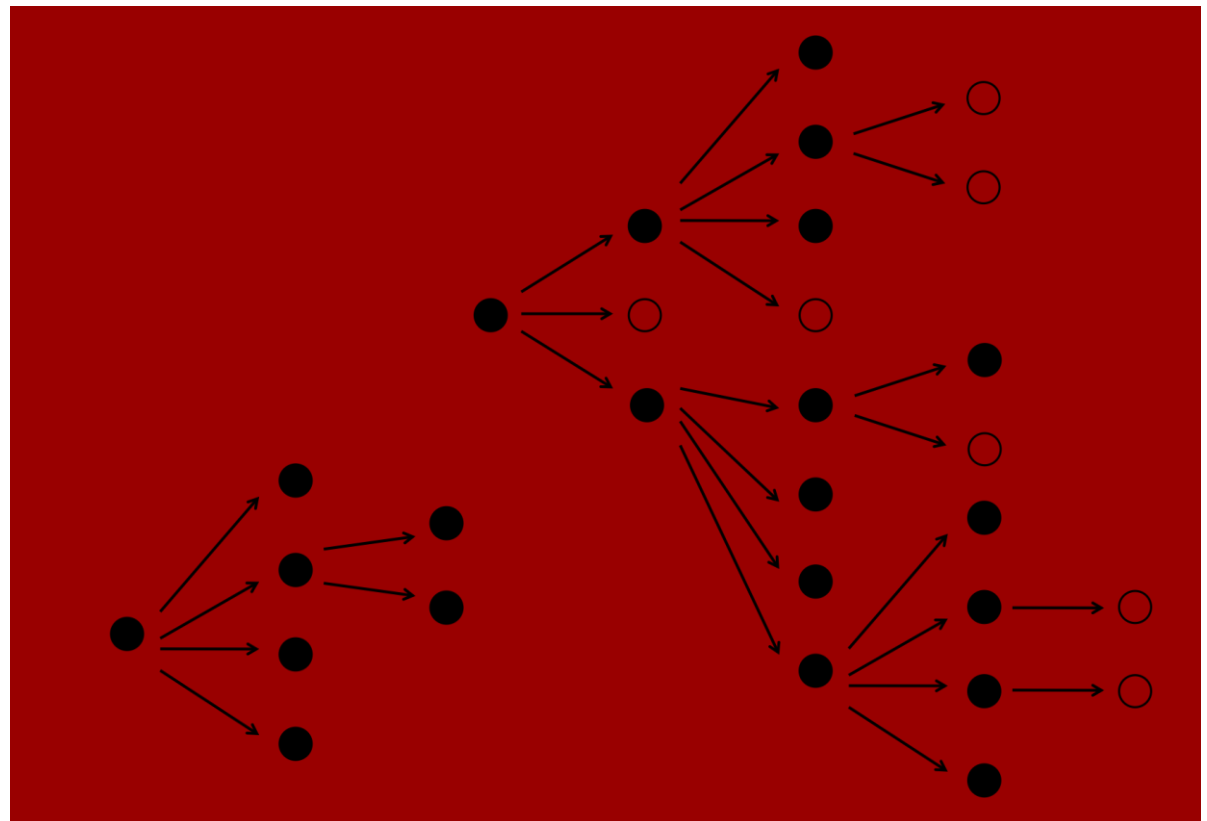
Steve Bellan,
on behalf of the ICI3D Faculty *

Steven E Bellan
Jonathan Dushoff
John W Hargrove
Travis C Porco
Juliet RC Pulliam
James C Scott
Alex Welte
Brian G Williams

A Gavin Hitchcock

Workshop Faculty:

Rebecca Borchering
Carl Pearson
Eva Ujeneza



ICI3D Program Structure



MMED

DAIDD

Target:

Quantitative scientists, particularly mathematicians, with a demonstrated interest in modeling infectious diseases

Format:

2-week course, offered annually in May/June at the African Institute for Mathematical Sciences

Research experience:

Group work; collaboration on datasets made available by faculty and questions posed by faculty or participants

Target:

Epidemiologists and population biologists involved in study design and data collection, analysis, or interpretation

Format:

5-day course, offered annually in December at the University of Georgia

Research experience:

Individual-based; focused on identifying the best approaches to participants' research questions

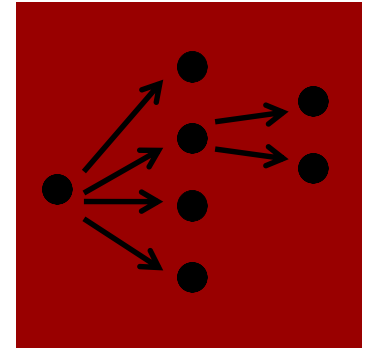
Dynamics

Infectious Diseases

Data

Clinic goals

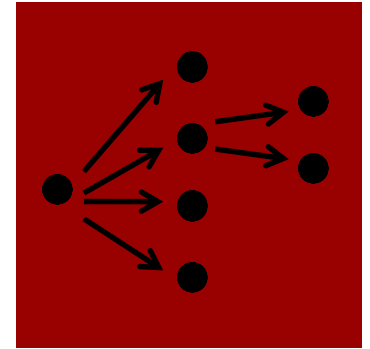
DAIDD 2017



- Understand dynamic principles and their role in the epidemiology of infectious diseases
- A familiarity with diverse modeling frameworks
- Learn to create a model world to address a research question
- Guided experience with construction of simple models
- A conceptual framework for fitting models to data
- A set of identified resources for continued learning

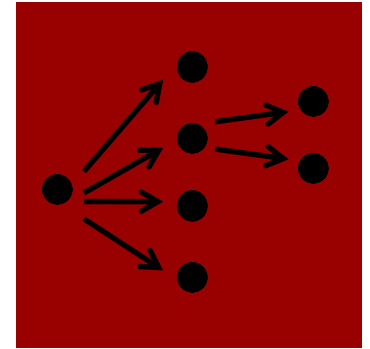
Ground Rules

DAIDD 2017



- Expected to engage fully in the clinic program:
includes *attending all DAIDD sessions*.
- Participants come from diverse backgrounds and cultures.
 - This adds greatly to the DAIDD experience!
 - Strive to create a welcoming, respectful learning environment!
- Laptop use not allowed during lectures or discussions
(unless otherwise specified)
- If you have a question, **please ask!**

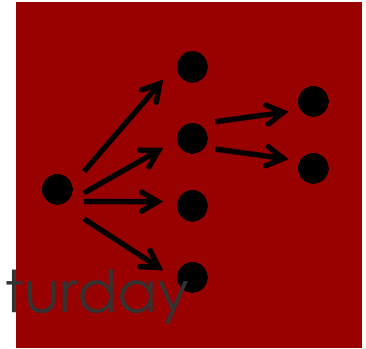
Overview



- Booklet
- Roadmap
- Schedule
- Participant list
- Resources

(See links from <http://www.ici3d.org/DAIDD2017>)

Logistical notes



- All meals provided dinner Sunday until lunch Saturday
- Group dinner (pizza) here after afternoon sessions
- Check out of DoubleTree by **6:45am Monday**
 - You are responsible for charges made to your room
- White Oak (Monday through Friday)
 - Room & shuttle assignments (dropbox folder & 'participants' page)
 - Breakfast at 8am on Monday upon arrival
 - Beer and wine complimentary *with dinner*; otherwise, individually charged (prices on logistics page)
 - Complimentary hors d'oeuvres Monday *before* dinner drinks complimentary 6-7pm & dinner; charged after dinner