

FOR507/607: Forests People Fire – Agent-based Modeling and Social Network Analysis

Meetings: 11:00-12:00 on Fridays

Instructors: John Bailey (FERM), with Christine Olsen (FES) and Paige Fischer (FS)

SCHEDULE:

January 7 Intro to course
PVY 224

January 14 **Dr. John Bolte**, OSU, Head of Department of Biological & Ecological Engineering
PVY 224 Topic: An intro to agent-based modeling and ENVISION

January 21 **Dr. Jessica Leahy**, University of Maine
RH 107 Title: “Finding Sustainability Solutions through Family Forest Dynamics”

January 28 **Dr. Mary Sisock**, OSU, Austin Family Business Program
PVY 224 Topic: An Introduction to Social Network Analysis

February 4 TBD...possibly an FPF team member
PVY 224

February 11 **Drs. Max Nielson-Pincus and Rob Ribe**, University of Oregon
RH 107 Topic: Agency-based modeling in climate change, land use and fire risk scenarios

February 18 **Dr. Dan Brown**, University of Michigan
RH 107 Topic: Spatial analysis linking landscape patterns with ecological and social processes

February 25 **Dr. Marco Janssen**, Arizona State University
RH 107 Title: Agent-based modeling, collective action and the commons in social-ecological systems

March 4 TBD...possibly a social network analysis methodologist or FPF team member
TBD

March 11 Final discussion
PVY 224

Exam week
TBD

April 19-23 **Dr. Dawn Park**, University of Waterloo
Date TBD Topic: Spatial land use change and ecological effects