

Agent-Based Modeling and Spatial Population Dynamics Workshop

**The Brookings Institution
1775 Massachusetts Ave NW
Washington, DC 20036
December 6-7, 2007**

Thursday December 6, 2007

6:30 – Dinner at La Tomate
1701 Connecticut Ave NW, (202) 667-5505

Friday December 7, 2007

8:30-9:00

Breakfast available

9:00–9:30

Welcome, Introduction, Goals for the Meeting

Joshua M. Epstein and Audrey Singer, The Brookings Institution

9:30–10:45

Background Presentations

Introduction to agent-based modeling

Michael Macy, Cornell

Observations on agent-based modeling and applications for demography

Rob Mare, UCLA

10:45–11:00

Break

11:00–12:30

Brief presentations on current joint work

Chris Fowler (University of Washington)

Mark Ellis (University of Washington)

Steve Manson (University of Minnesota)

Dan Brown (University of Michigan)

12:30–1:45

Lunch and Speaker

Barbara Entwisle, University of North Carolina

1:45–3:45

Discussion

Major questions to discuss:

1. What are some outstanding spatial problems in demography (especially migration) for which good data exists, but there is no accepted explanation or theory?

2. Are these opportunities for collaboration between agent-based modeling and demography/migration?

3. What are the possibilities for fruitful future work?

3:45–4:00

Break

4:00–4:45

Closing Discussion