

FIRST ANNUAL YOUNG SCIENTISTS SYMPOSIUM

Saturday-Sunday, October 2-3, 2004: *SPATIAL ECOLOGY*

Sponsored by the Department of Ecology and Evolutionary Biology
University of Michigan

Friday October 1

Participants arrive and are picked up at the airport by hosts and taken to hotel

7:00-7:30 dinner reception for speakers and hosts at Mercedes Pascual's house (speakers arriving later will go to hotel first and then the dinner)

Saturday October 2 Research Seminars; Pendleton Room at the UMI Union

8:00 bagels, fruit, OJ, and coffee available in Pendleton room

8:30 Dr. Kim With

Dynamic landscape change and extinction risk in migratory songbirds: is habitat restoration the answer?

9:15 Dr. Paul Moorcroft

Scaling from individuals to macroscopic dynamics in ecological systems

10:00 short coffee break

10:15 Dr. Diane Srivastava

Of space and species: Effects of ecosystem size on the aquatic food webs in bromeliads

11:00 Dr. Ottar Bjornstad

The dynamics of spatially-extended populations: spatial synchrony and spatial correlation functions

11:45 CATERED LUNCH (in Anderson Room, first floor of the UMI Union)

1:00 Dr. Priyanga Amarasekare

Mechanisms of coexistence in spatially structured populations

1:45 Dr. Kendi Davies

Spatial heterogeneity explains the scale dependence of the native-exotic diversity relationship

2:30 Dr. Annette Ostling

TBA

3:15 coffee break in Pendleton Room

3:45 Dr. Megan Donohue

Crabs in space: using scale-transition theory to understand the population dynamics of an intertidal porcelain crab, *Petrolisthes cinctipes*

4:30 Dr. Anna Sears

Quantifying the effects of spatial variation in the environment on plant populations

5:30-7:00 RECEPTION at Dominick's, 812 Monroe; beverages and appetizers

Sunday, October 3 Plenary Talk and Panel, Pendleton Room, UMI Union

9:00 bagels, fruit, OJ, and coffee in Pendleton Room

- 9:30 Dr. Susan Harrison, Plenary Talk - Species diversity in California's serpentine plants: local, regional, and spatial influences
- 10:30 Coffee break
- 11:00 Panel Discussion/ questions
- 12:00 Closing comments