

FALL 2014

## FRESHMAN SEMINAR

(INT 94PN)

# *Thinking Spatially in the Arts and Sciences*

Wednesdays, 8 Oct.–10 Dec., 2014

3:00–3:50 p.m.

3512 Phelps Hall

Enrollment Code 27417

- **Explore** spatial reasoning for problem solving (sciences), creative expression (arts), and interpretation (humanities)
- **Learn** how statistics, graphs, maps, and virtual reality aid learning, analysis, data visualization, discovery/solutions to socio-environmental problems, and space/place interpretation
- **Arts, humanities, social and natural sciences, and engineering faculty illustrate** spatial tools to integrate knowledge across disciplines

8 Oct. **Werner Kuhn**, Professor, Geography and Director, Center for Spatial Studies

**Mary Hegarty**, Professor, Psychological & Brain Sciences

**Andrea Ballatore**, Research Coordinator, Center for Spatial Studies

*Why Think Spatially? Spatial Studies at UCSB*

15 Oct. **Jon Jablonski**, Librarian, Map & Imagery Laboratory, Davidson Library

*Spatial Information Management*

22 Oct. **Volker Welter**, Professor, History of Art & Architecture

*Architecture: Learning to Dwell in Space*

29 Oct. **Mary Hegarty** and **Daniel Montello**

*Sense-of-Direction: Are You a Space Wizard or Just Lost in Space?*

5 Nov. **Wendy Meiring**, Associate Professor, Statistics and Applied Probability

*Spatial Association and Spatial Prediction*

12 Nov. **Kim Yasuda**, Professor, Art Studio

*Proximity Art Research*

19 Nov. **Richard Church**, Professor, Geography

*The Art Gallery Problem: A Spatial Perspective*

26 Nov. No class, Thanksgiving

3 Dec. **Will McClintock**, Project Scientist, Marine Science Institute

*Collaborative Geodesign and Marine Spatial Planning with Seasketch*

10 Dec. **Werner Kuhn**, **Mary Hegarty**, & **Andrea Ballatore**

*How I Think Spatially, and Review, Discuss Opportunities for Spatial Studies at UCSB*

*Note: Professor Kuhn is the professor of record and  
Dr. Hegarty is the course coordinator for INT 94PN*