

FALL 2013

FRESHMAN SEMINAR
(INT 94PN)

*Thinking Spatially
in the Arts and Sciences*

Wednesdays, 2 Oct.–4 Dec., 2013

4:00–4:50 p.m.

HSSB 2201

Enrollment Code 26542

- **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

- 2 Oct. **Mary Hegarty**, Professor, Psychological and Brain Sciences;
Donald Janelle, Researcher, Center for Spatial Studies; and
Daniel Montello, Professor, Geography
Why Think Spatially? Spatial Studies at UCSB
- 9 Oct. **Mary Hegarty** and **Daniel Montello**
Sense-of-Direction: Are You a Space Wizard or Just Lost in Space?
- 16 Oct. **Richard Church**, Professor, Geography
The Art Gallery Problem: A Spatial Perspective
- 23 Oct. **Wendy Meiring**, Associate Professor, Statistics and Applied Probability
Spatial Association and Spatial Prediction
- 30 Oct. **Volker Welter**, Professor, History of Art & Architecture
Architecture: Learning to Dwell in Space
- 6 Nov. **Kim Yasuda**, Professor, Art Studio
Proximity Art Research
- 13 Nov. **Jon Jablonski**, Librarian, Map & Imagery Laboratory, Davidson Library
A History of Maps in 45 Minutes
- 20 Nov. **Donald Janelle**
Convergent Places, Warped Spaces
- 4 Dec. **Michael Goodchild**, Professor Emeritus, Geography
How I Think Spatially

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