EXPLORATION SEMINAR  
(INT 94PN)  
Thinking Spatially in the Arts and Sciences  
Wednesdays, April 4–June 5, 2019  
3:00–3:50 p.m.  
3512 Phelps Hall  
Enrollment Code 61820

- **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

4/3  **Werner Kuhn**, Professor, Geography  
*What does “Thinking Spatially” Mean? Why does it Matter?*

4/10  **Christopher Pilafian**, Professor, Theater and Dance  
*Charting Choreographic Space: Spatial Relationships Part I*

4/17  **Will McClintock**, Professor, Marine Science  
*Marine Spatial Planning and Equitable Decisions using SeaSketch*

4/24  **Mary Hegarty**, Professor, Psychological and Brain Sciences;  
**Daniel Montello**, Professor, Geography  
*Sense-of-Direction: Are You a Space Wizard or Just Lost in Space?*

5/1  **Christopher Pilafian**, Professor, Theater and Dance  
*Charting Choreographic Space: Spatial Relationships Part II*

5/8  **Kate McDonald**, Professor, History  
*Tokyo Heterotopia: Tourism and Spatial Narratives at the 2020 Olympics?*

5/15  **Matt Hall**, Exec. Vice Chancellor and Chief Information Officer  
*The World of Warcraft and Lord of the Rings Online—Mapping a Narrative Space with MMORPGs*

5/22  **Volker Welter**, Associate Professor, History of Art & Architecture  
*Frank Lloyd Wright’s Broadacre City*

5/29  **Susie Cassels**, Professor, Geography  
*Migration and the Transmission of Infectious Diseases*

6/5  **Werner Kuhn**, Professor, Geography  
*Moving Ahead*

*Note: Werner Kuhn is the professor of record*