UC Santa Barbara
Spatial Lightning Talks

Title
Spatial Lightning Talks Overview

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The **Center for Spatial Studies** at the University of California, Santa Barbara was founded in 2007 with the vision that spatial thinking and computing serve all scientific disciplines and support trans-disciplinary problem solving. The Center mission is to engage in interdisciplinary research and education in how people and technology solve spatial problems.

Spatial Lightning Talks

In its mission to build and nurture an interdisciplinary community of spatial thinkers, spatial@ucsb sponsors an annual luncheon event that features 3-minute presentations from a dozen or more faculty, students, and staff at UCSB, and community members from the Santa Barbara region.

Captured on video, *Lightning Talks* are a series of delicious, rapid-fire talks on spatially-flavored topics. Each presenter is allotted three minutes to develop a topic. The disciplinary span of these talks illustrates the ubiquity and centrality of spatial reasoning and spatial representation across the sciences, arts, and humanities. They include talks on spatial themes related to art, biology, environmental management, geography, information technology, library science, psychology and brain sciences, linguistics, literature, marine science, mathematics, music, transportation, and several other areas of spatial interest.

This eScholarship collection, edited by Kitty Currier, features presentations for the years 2013, 2014, and 2015.

2015

Brittain, Skona:	**More Than Four Colors**
Bryan, Todd:	**Wedding Cake Geoprocessing for Web GIS**
Clarke, Keith C.:	**Why isn't the US metric?**
Comrie, Bernard:	**Go West, Young Man: Consistency and Inconsistency in Cognitive Representations of Cardinal Directions**
Daly, Selena:	**Mapping the Italian Avant-Garde: Futurism in Space and Time (1909-1944)**
Dickey, Tommy:	**Polar Bears and Great Pyrenees Dogs: A Matter of Scale!**
Douglass, Jeremy:	**Experimental Game Spaces: virtual visions, architectures, and dimensions**
Gordon, David:	**Linking Sound, Image and Place**
Hallowell, David A.:	**First-Grade Students and Geometric Diagrams: What do they notice?**

Hu, Yingjie:	**Metadata harmonization in spatial data infrastructures**
Shadkamyan, Amy:	**UCSB Business Continuity Manager**
Yasuda, Kim:	**Light Works: Isla Vista**
Yim, William F:	**Chinese Calligraphy**

2014

Bae, Crystal:	**Lessons from the Road: Cross-Country by Bicycle**
Ballatore, Andrea:	**Computing the Spirit of Place**
Burte, Heather:	**Individual Differences and the Neural Bases of Allocentric-Headings**
Clarke, Keith C.:	**The Four Washington Meridians**
Dickey, Tommy:	**Brave Arctic Gold Rush Dogs**
Douglass, Jeremy:	**Navigating Narratives as Networks**
Gao, Song:	**Spatial Questions Collected from GIS HelpDesk**
Legrady, George:	**Image, Interaction and Representation: Some Artistic Projects that Address Space**
Tarampi, Margaret R:	**A Little Pictorial Space Can Change Your Perception of Art**
Wilson, Paul:	**Whale Traffic Control**
Yim, William F:	**Airport Terminal Designs**

2013

Bombardi, Rodrigo:	**Relationships Between Precipitation over Eastern South America and the South Atlantic Sea Surface Temperature**
Brittain, Skona:	**Where in the World is Hunter SanCazador?**
Caesar, Jim:	**Emergency Preparedness**
Currier, Kitty:	**Shipshaping and Fiafia (or How I Became a Geographer)**
Dickey, Tommy:	**Chasing Ocean Eddies and Pyrenean Sheep!**
Gao, Song:	**Spatio-Temporal Patterns from Mobile Phone Data**
Hegarty, Mary:	**How I Became a Spatial Thinker**

Hu, Yingjie: **Citation Map: Visualizing the Spread of Scientific Ideas through Space and Time**

Jablonski, Jon: **New in MIL: The Fairchild Aerial Surveys Collection**

Janelle, Donald G.:   **Convergent Places—Warped Spaces**

McKenzie, Grant: **Airports: The Good, the Bad, and the WTF**

Yim, William: **Airfield Design and Capacity**