## **Arts and Sciences Research Discussion Series**

## **Geographic Information Systems Applications**

Data Colloquium: Ten Minute Presentations followed by Discussion 3:00 to 5:00 pm, Friday, February 2, 2017

Community Room, 9<sup>th</sup> floor, Dale Hall Tower

Xianming Xiao,
Microbiology and Plant Biology
Recent Trends and Opportunities in
Big Data: Earth Observation

Image: © NASA

ACRIMSAT

OCO

Landsat 7 NMP/ED-1

OSTM

Aqua

GRACE

SORCE

NPP

Terra

ICESat

CALIPSO

CloudSat

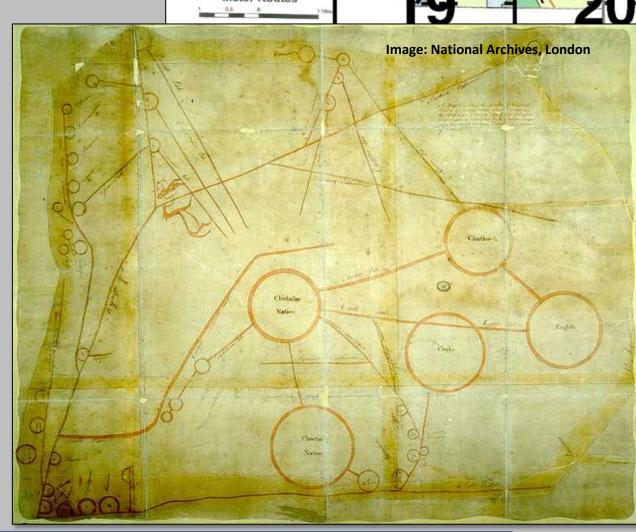
**Cynthia Rogers, Economics** *Using GIS in Economic Policy Research* 

Patrick Livingood, Anthropology
Combining GIS, Archaeology and Cost Distance to
Understand Communities in the 13<sup>th</sup>-century
Southern Appalachians

Jennifer Koch, Geography & Environmental Sustainability

Using GIS for Analyzing Urbanization Patterns

Chris Weaver, Computer Science
Toward an Interactive Gesture Language
for Geovisual Analytics



**Image: City of Norman** 

Light Refreshments will be served.

Please RSVP by Monday, January 29

to Cassie Zaccarelli at cassiezacc@ou.edu.