

## CENTER FOR GEOGRAPHIC ANALYSIS NEWSLETTER

June 2012

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## HIGHLIGHTS

- Court Vision NBA Heat Maps
- July ABCD-GIS Presentation: Oracle Database Semantic Technologies and GeoSPARQL
- Business Analyst 2011 Data Available
- QStarz GPS Data Loggers Available
- Arnold Arboretum Launches Mobile Map Applications
- Investigative Reporters and Editors Conference Presentation
- CaGIS Special Issue: Mapping Cyberspace and Social Media
- GIS Teaching Opportunity at Tufts
- Global Research Journals for Education Call for Papers
- Geographic Privacy in the time of Google and Apple
- Layering Tweets over ESRI Web Maps
- Field Data Collection App for iPad
- Longitudinal Census Tract Database
- DoD Drone Activity Map
- US Brainiest Cities Map
- Google Expands 3D Imagery Coverage

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## CGA NEWS

\*Court Vision NBA Heat Maps\*

CGA visiting scholar Dr. Kirk Goldsberry has developed a novel venue for applying spatial analysis: the court of National Basketball Association games. This project evaluates basketball performance via spatial and visual modalities.

Kirk's New York Times article and NBA Finals heat maps: <http://nyti.ms/MuBZHU>

USA Today article: <http://usat.ly/KoMaTB>

Court vision analytics website: <http://courtvisionanalytics.com/>

\*July ABCD-GIS Presentation: Oracle Database Semantic Technologies and GeoSPARQL\*

The next ABCD-GIS presentation will be on Wednesday, July 18th, from Noon - 1:30, in Room S050 of the CGIS South building at 1730 Cambridge St. The presentation will be "Oracle Database Semantic Technologies Overview and GeoSPARQL Support" by Matthew Perry of Oracle.

\*Business Analyst 2011 Data Available\*

The CGA has received the 2011 business analyst data which includes thousands of census variables mapped to the 2010 census geographies; business and shopping center locations current as of June, 2011; an updated geocoding service, and more. The dataset is for use by all Harvard affiliates, it is installed on the T drive of the HMDC computer lab, and can also be obtained by contacting us at [contact@help.cga.harvard.edu](mailto:contact@help.cga.harvard.edu).

\*QStarz GPS Data Loggers Available\*

The CGA now has 10 QStarz GPS data loggers for use by any Harvard affiliate. These small devices record locations at specified intervals, intended for use by those wanting to map travel patterns and movement.

More information on the device: <http://www.qstarz.com/Products/GPS%20Products/BT-Q1000XT-F.htm>

Please email [contact@help.cga.harvard.edu](mailto:contact@help.cga.harvard.edu) if interested in using.

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## HARVARD GIS COMMUNITY NEWS

\*Arnold Arboretum Launches Mobile Map Applications\*

<http://arboretum.harvard.edu/mobile-initiatives-at-the-arboretum/>

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## CONFERENCES AND EVENTS

### \*Investigative Reporters and Editors Conference Presentation\*

Jeff Blossom of the CGA recently participated on the panel "Finding Stories Within Maps" at the Investigative Reporters and Editors conference held in Boston, MA. View his presentation here:

[http://maps.cga.harvard.edu/ire/IRE\\_2012\\_Presentation\\_Blossom.pptx](http://maps.cga.harvard.edu/ire/IRE_2012_Presentation_Blossom.pptx)

View part 2 of the panel here: <http://bit.ly/maps-to-stories>

More on this conference: <http://www.ire.org/conferences/ire-2012/>

### \*CaGIS Special Issue: Mapping Cyberspace and Social Media\*

Mapping cyberspace and social media (such as Twitter, Facebook, weblogs, Flickr, and YouTube) becomes a new research direction for cartographers and GIScientists to visualize and study human thoughts, group behaviors, global issues, and communication theories. With the new media (e.g., the Web and online social networks), scientists can trace geographic and chronological patterns of messages to reveal the diffusion of news, ideas, concepts, and public opinions in response to radical issues, social movements, natural disasters, or epidemic outbreaks. This special issue of Cartography and Geographic Information Science will assemble prominent research papers and discussions from multiple disciplines with the focus on pursuing basic scientific questions as well as the development of new cartographic and visualization methods. **July 1** is the deadline to provide an early expression of interest with a draft title and an abstract (300 words) by email to [mtsou@mail.sdsu.edu](mailto:mtsou@mail.sdsu.edu)

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## NEWS ON GIS RESEARCH AND SERVICES

### \*GIS Teaching Opportunity at Tufts\*

The Geospatial Technology Services Group at Tufts University is looking for a part-time lecturer for a teaching position in our Geographic Information Science curriculum. See the full job announcement:

<http://gis.harvard.edu/employment>

### \*Global Research Journals for Education Call for Papers\*

The Global Journal of Educational Research (GJER) is a multidisciplinary peer-reviewed journal that will be published monthly by Global Research Journals. GJER is currently seeking editor positions, and research articles for publication. If interested, email GJER at: [gjer.submit@globalresearchjournals.org](mailto:gjer.submit@globalresearchjournals.org). More info at GJER's website: <http://www.globalresearchjournals.org/?a=journal&id=gjer>

### \*Geographic Privacy in the time of Google and Apple\*

<http://www.schumer.senate.gov/Newsroom/record.cfm?id=337036>

### \*Layering Tweets over ESRI Web Maps\*

<https://dev.twitter.com/case-studies/esri-enriches-maps-tweets-and-streaming-api>

### \*Field Data Collection App for iPad\*

<http://itunes.apple.com/us/app/fulcrum/id467758260?mt=8>

### \*Longitudinal Census Tract Database

<http://bit.ly/LzB3Bb>

### \*DoD Drone Activity Map\*

<http://publicintelligence.net/dod-us-drone-activities-map/>

### \*US Brainiest Cities Map\*

<http://t.co/KtgUqEGl>

### \*Google Expands 3D Imagery Coverage\*

<http://t.co/jeVjYlf7>

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Editor of this issue is Jeff Blossom

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