Esri Health
GIS Conference
August 20–22, 2012 | Scottsdale, Arizona
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Registration Hours

Arizona Ballroom Foyer

Monday, August 20
7:30 AM–5:00 PM

Tuesday, August 21
7:30 AM–5:00 PM

Wednesday, August 22
7:30 AM–NOON

Recycle Badges

At the end of the conference, please return your name badge holder to the Registration Desk.
Thank you for your cooperation.
## Conference at a Glance

### Monday, August 20

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 AM–9:00 AM</td>
<td>Continental Breakfast</td>
<td>Arizona Ballroom Foyer</td>
</tr>
<tr>
<td>9:00 AM–10:30 AM</td>
<td>Plenary Session and Keynote Address</td>
<td>Arizona Ballrooms I–IV</td>
</tr>
<tr>
<td>10:30 AM–11:00 AM</td>
<td>Refreshment Break</td>
<td>Arizona Ballroom Foyer</td>
</tr>
<tr>
<td>11:00 AM–11:45 AM</td>
<td>Plenary Session (continued)</td>
<td>Arizona Ballrooms I–IV</td>
</tr>
<tr>
<td>11:45 AM–1:15 PM</td>
<td>Networking Lunch</td>
<td>Vaquero Ballrooms A–C</td>
</tr>
<tr>
<td>1:15 PM–2:30 PM</td>
<td>Technical Plenary Session</td>
<td>Arizona Ballrooms I–IV</td>
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<tr>
<td>2:30 PM–3:00 PM</td>
<td>Refreshment Break</td>
<td>Arizona Ballroom Foyer</td>
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<tr>
<td>3:00 PM–5:00 PM</td>
<td>Grand GIS Rounds Panel Discussions</td>
<td>Arizona Ballrooms I–IV</td>
</tr>
<tr>
<td>5:00 PM–7:30 PM</td>
<td>Solutions, Data, and Applications EXPO; Academic Health Fair; Map Gallery; and Hands-on Learning Lab Opening and Reception</td>
<td>Arizona Ballrooms V–VIII</td>
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<tr>
<td>Time</td>
<td>Event</td>
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<tr>
<td>8:00 AM–9:00 AM</td>
<td>Continental Breakfast in Solutions, Data, and Applications EXPO</td>
<td>Arizona Ballrooms V–VIII</td>
</tr>
<tr>
<td>8:00 AM–NOON</td>
<td>Solutions, Data, and Applications EXPO and Hands-on Learning Lab</td>
<td>Arizona Ballrooms V–VIII</td>
</tr>
<tr>
<td>9:00 AM–10:30 AM</td>
<td>Featured Panel—Telling Compelling Stories with Your GIS</td>
<td>Arizona Ballrooms I–IV</td>
</tr>
<tr>
<td>10:30 AM–11:00 AM</td>
<td>Refreshment Break in Solutions, Data, and Applications EXPO</td>
<td>Arizona Ballrooms V–VIII</td>
</tr>
<tr>
<td>11:00 AM–NOON</td>
<td>Moderated Exchange Sessions</td>
<td>Vaquero Ballrooms E–G</td>
</tr>
<tr>
<td>NOON–1:30 PM</td>
<td>Hosted Health Awards Luncheon</td>
<td>Vaquero Ballrooms A–C</td>
</tr>
<tr>
<td>1:30 PM–2:45 PM</td>
<td>Paper Sessions</td>
<td>Vaquero Ballrooms E–G</td>
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<tr>
<td>2:45 PM–3:15 PM</td>
<td>Refreshment Break</td>
<td>Vaquero Ballroom Foyer</td>
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<tr>
<td>3:15 PM–4:30 PM</td>
<td>Paper Sessions</td>
<td>Vaquero Ballrooms E–G</td>
</tr>
<tr>
<td>5:00 PM–6:30 PM</td>
<td>Health and Human Services User Group Social</td>
<td>Vaquero Ballrooms A–C</td>
</tr>
<tr>
<td>8:00 PM–9:00 PM</td>
<td>Town Hall Meeting—Global Health Care Facility Database Initiative</td>
<td>Vaquero Ballroom E 1</td>
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### Conference at a Glance

**Wednesday, August 22**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>7:00 AM–8:00 AM</td>
<td><strong>Continental Breakfast</strong></td>
<td>Vaquero Ballroom Foyer</td>
</tr>
<tr>
<td>8:00 AM–9:15 AM</td>
<td><strong>Technical Workshops</strong></td>
<td>Vaquero Ballrooms E–F</td>
</tr>
<tr>
<td>9:15 AM–9:30 AM</td>
<td><strong>Refreshment Break</strong></td>
<td>Vaquero Ballroom Foyer</td>
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<tr>
<td>9:30 AM–10:45 AM</td>
<td><strong>Technical Workshops</strong></td>
<td>Vaquero Ballrooms E–F</td>
</tr>
<tr>
<td>10:45 AM–11:00 AM</td>
<td><strong>Refreshment Break</strong></td>
<td>Vaquero Ballroom Foyer</td>
</tr>
<tr>
<td>11:00 AM–12:15 PM</td>
<td><strong>Technical Workshops</strong></td>
<td>Vaquero Ballrooms E–F</td>
</tr>
<tr>
<td>1:00 PM–3:00 PM</td>
<td><strong>Site Visit to the Arizona T-Health Institute</strong>&lt;sup&gt;*&lt;/sup&gt;</td>
<td>Meet in the hotel lobby; the bus will depart from the hotel at 12:45 PM.</td>
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</tbody>
</table>

* Preregistration Required
Come visit us at **booth #107** to see our Health Indicators App.

critigen.com/solutions/health-indicators
## Session Matrix  
Tuesday, August 21

<table>
<thead>
<tr>
<th>Time</th>
<th>Vaquero Ballroom E 1</th>
<th>Vaquero Ballroom E 2</th>
<th>Vaquero Ballroom F 1</th>
</tr>
</thead>
</table>
| 8:00 AM    | **Continental Breakfast in Solutions, Data, and Applications EXPO**  
Arizona Ballrooms V–VIII |                      |                      |
| 9:00 AM    | **Featured Panel—Telling Compelling Stories with Your GIS**  
Arizona Ballrooms I–IV |                      |                      |
| 10:30 AM   | **Refreshment Break in Solutions, Data, and Applications EXPO**  
Arizona Ballrooms V–VIII |                      |                      |
| 11:00 AM   | MES Geomedicine |                      | MES Enterprise GIS |
| NOON       | **Hosted Health Awards Luncheon**  
Vaquero Ballrooms A–C |                      |                      |
| 1:30 PM    | HS Health Surveillance, Part I | HP Health Policy, Part I | BE Built Environment, Part I |
| 2:45 PM    | **Refreshment Break**  
Vaquero Ballroom Foyer |                      |                      |
| 3:15 PM    | HS Health Surveillance, Part II | HP Health Policy, Part II | BE Built Environment, Part II |
| 5:00 PM    | **Health and Human Services User Group Social**  
Vaquero Ballrooms A–C |                      |                      |
| 8:00 PM    | **Town Hall Meeting—Global Health Care Facility Database Initiative**  
Vaquero Ballroom E 1 |                      |                      |

**Abbreviations:**

- **AHC**: Access to Health Care
- **BE**: Built Environment
- **EH**: Environmental Health
- **HP**: Health Policy
- **HS**: Health Surveillance
- **MES**: Moderated Exchange Session
- **TECH**: Esri Technical Session
<table>
<thead>
<tr>
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<tr>
<td>8:00 am</td>
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<tr>
<td>10:30 am</td>
<td>Refreshment Break in Solutions, Data, and Applications EXPO</td>
<td>Arizona Ballrooms V–VIII</td>
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<tr>
<td>11:00 am</td>
<td>MES Health Surveillance 3.0</td>
<td>MES</td>
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<td></td>
<td>MES Enterprise GIS</td>
<td>MES</td>
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<td>MES Health Surveillance 3.0</td>
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<td></td>
<td>MES Health Surveillance 3.0</td>
<td>MES</td>
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<tr>
<td>12:00 noon</td>
<td>Hosted Health Awards Luncheon</td>
<td>Vaquero Ballrooms A–C</td>
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<tr>
<td>1:30 pm</td>
<td>HS Health Surveillance, Part I</td>
<td>BE, EH</td>
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<tr>
<td></td>
<td>HP Health Policy, Part I</td>
<td>BE, EH</td>
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<tr>
<td></td>
<td>EH Built Environment, Part I</td>
<td>BE, EH</td>
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<tr>
<td></td>
<td>EH Environmental Health, Part I</td>
<td>BE, EH</td>
</tr>
<tr>
<td>2:45 pm</td>
<td>Refreshment Break in Vaquero Foyer</td>
<td>Vaquero Ballroom Foyer</td>
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<tr>
<td>3:15 pm</td>
<td>HS Health Surveillance, Part II</td>
<td>BE, EH</td>
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<td>HP Health Policy, Part II</td>
<td>BE, EH</td>
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<td>EH Built Environment, Part II</td>
<td>BE, EH</td>
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<td>EH Environmental Health, Part II</td>
<td>BE, EH</td>
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<td>AHC Access to Health Care, Part I</td>
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<td></td>
<td>AHC Access to Health Care, Part I</td>
<td>AHC</td>
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<tr>
<td>5:00 pm</td>
<td>Health and Human Services User Group Social</td>
<td>Vaquero Ballrooms A–C</td>
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<tr>
<td>8:00 pm</td>
<td>Town Hall Meeting—Global Health Care Facility Database Initiative</td>
<td>Vaquero Ballroom E 1</td>
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## Session Matrix  
**Wednesday, August 22**

<table>
<thead>
<tr>
<th>Time</th>
<th>Vaquero Ballroom E 1</th>
<th>Vaquero Ballroom F 1</th>
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<tbody>
<tr>
<td>7:00 AM</td>
<td><strong>Continental Breakfast</strong></td>
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<td></td>
<td>Vaquero Ballroom Foyer</td>
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<tr>
<td>8:00 AM</td>
<td><strong>TECH</strong> Spatial Pattern Analysis: Mapping Trends and Clusters</td>
<td><strong>TECH</strong> Community Analyst: Analytical and Data Tools, Part I</td>
</tr>
<tr>
<td>9:15 AM</td>
<td><strong>Refreshment Break</strong></td>
<td></td>
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<td></td>
<td>Vaquero Ballroom Foyer</td>
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<tr>
<td>9:30 AM</td>
<td><strong>TECH</strong> Modeling Spatial Relationships Using Regression Analysis</td>
<td><strong>TECH</strong> Community Analyst: Analytical and Data Tools, Part II</td>
</tr>
<tr>
<td>10:45 AM</td>
<td><strong>Refreshment Break</strong></td>
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<td></td>
<td>Vaquero Ballroom Foyer</td>
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<tr>
<td>11:00 AM</td>
<td><strong>TECH</strong> Spatial Statistics: Best Practices</td>
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</tbody>
</table>

### Abbreviations
- **AHC**  Access to Health Care
- **BE**    Built Environment
- **EH**    Environmental Health
- **HP**    Health Policy
- **HS**    Health Surveillance
- **MES**   Moderated Exchange Session
- **TECH**  Esri Technical Session
HealthLandscape is a web-based, data visualization and mapping tool that lets you display and disseminate information to better understand the social, economic and healthcare environments in which you operate.

HealthLandscape is for healthcare providers, payers, policymakers, community planners, advocates and anyone interested in the visual and spatial relationships among data.

For more information visit:
www.HealthLandscape.org

or contact
info@
healthlandscape.org
Plenary Session  Monday, August 20
9:00 AM–5:00 PM  |  Arizona Ballrooms I–IV

9:00 AM–9:15 AM  
Opening Remarks  
*Bill Davenhall, Global Manager, Health and Human Services Solutions, Esri*

9:15 AM–9:50 AM  
Keynote Address  
**Geomedicine: A New Way to Leverage Health Information**  
*Estella M. Geraghty, MD, MS, MPH/CPH, FACP, GISP; Assistant Professor of Clinical Internal Medicine, University of California, Davis*

Dr. Estella Geraghty is a clinician researcher in the Division of General Medicine at UC Davis. Her research focuses on using GIS to influence health policy and advance community development programs. She has coauthored research in pesticide exposure modeling; statewide mental health service access and use tracking; assets and disparities in youth outcomes; and youth indices of well-being and vulnerability. She is also the recipient of the Larry L. Sautter Golden Award for Innovation in Information Technology as part of a team developing electronic medical record data discovery solutions. She also earned degrees in Medical Informatics and Public Health, is board certified in Public Health (CPH), and is a Geographic Information Systems Professional (GISP).

Geomedicine was introduced in 2009 as a modern framework for understanding how public health impacts personal health. Geraghty will explore with us the realities of using geomedicine as the context for the different types of research, analysis, service delivery and usefulness in improving health outcomes.
9:50 AM–10:30 AM

Featured Plenary Speaker
Using GIS for Infectious Diseases, Prevention, and Control in Europe

Virginia Estévez Adán, PhD, Senior GIS Expert—Surveillance and Response Support Unit (SRS), European Centre for Disease Prevention and Control (ECDC), Stockholm, Sweden

Dr. Virginia Estévez Adán’s work at the European CDC is focused on developing GIS competencies and modern GIS analytical tools, as well as establishing and maintaining close links with pan-European and other international public health bodies working with GIS. This presentation will provide an overview of the main GIS developments established at the ECDC over the last several years and how internal geospatial standards for geocoding and mapping health and disease data will be addressed in their ongoing work, both within and among the ECDC’s expert staff. Estévez is a Spanish national and holds a degree in Geography and a PhD in Environmental Sciences.

10:30 AM–11:00 AM

Refreshment Break
Arizona Ballroom Foyer
Featured Plenary Speaker

Health and Social Surveillance: Thoughts about a Collaborative Platform

John Brownstein, PhD, Harvard School of Medicine and Boston Children’s Hospital

In an age of incredible information technology the world still struggles—from the poorest to the richest nation—in having real-time data easily accessible and useful when it comes to knowing the health and social care conditions in real-time. Maybe it’s not possible but perhaps it is and we simply need to think and act harder on the resources we already have. Dr. Brownstein will discuss with us his experience and ideas on how we need to take a much different look at this challenge and perhaps collaborate in a much different way to bring such an idea to reality.

Brownstein is an Associate Professor at Harvard Medical School and directs the Computational Epidemiology Group at the Children’s Hospital Informatics Program in Boston, Massachusetts. He is a spatial epidemiologist from Yale University, and his research has been focused on the surveillance, control and prevention of disease. He is a cofounder of HealthMap.org. Brownstein also serves as an adviser to the World Health Organization, Institute of Medicine, the US Department of Health and Human Services, and the White House and has received many prestigious awards for his work in public health. His work is frequently reported in the New England Journal of Medicine, Science, Nature, New York Times, the Wall Street Journal and on CNN, National Public Radio, and the BBC.
11:45 AM–1:15 PM  Networking Lunch  
Vaquero Ballrooms A–C

1:15 PM–2:30 PM  Technical Plenary Session  
Thinking Differently about Maps and GIS  
Paul Doherty, Esri Technical Marketing

How ArcGIS Is Changing Spatial Research  
Lauren Scott, Chief Engineer, Spatial Statistics, Esri

2:30 PM–3:00 PM  Refreshment Break  
Arizona Ballroom Foyer
Grand GIS Rounds Panel Discussions

Bill Davenhall, Global Manager, Health and Human Services Solutions, Esri (Moderator)

Health Data Liberation
CMS Data: Medicare/Medicaid Data Innovations—Allison Oelschlaeger, CMS, DHHS
Community Health Indicators Data Portal—Ed Carl and Michael Topmiller, HealthLandscape

National Health System Reforms and GIS
United States: Community Health Management System—Dora Barilla, Loma Linda University Medical Center
United Kingdom: GIS Innovations within the NHS-Wales—Stephen Leece, Esri (UK) Ltd.

New Health Applications
Health Indicators: A National iPad Health Application—Tyler Huehmer, Critigen Labs
MyHospital: A Global ArcGIS Mobile Server Data Collection Application—Christina Bivona-Tellez, Esri, and Chris Goz, Critigen Labs

GIS in Health Education
Health Geoinformatics: How an Academic Health Science Center Teaches GIS—Seth Wiafe, Loma Linda University School of Public Health
You've spent years being educated, perfecting your skills, and getting your PhD from the school of hard knocks. But when it comes to hospital planning, your data doesn’t make things easier — until now.

Introducing SmartData™ from iVantage Health Analytics™.

We’ve taken all the ways traditional data are presented — sent them school, taught them teamwork, presentation skills and decision making to create SmartData™.

Data that are seamless regardless of the source. Data that are visual and easy to manipulate. Data that give you information never before available.

Get smart with SmartData™ by calling 615.932.8400 or visit productpreviews@iVantageHealth.com
Featured Panel
Tuesday, August 21
9:00 AM–10:30 AM | Arizona Ballrooms I–IV

Telling Compelling Stories with Your GIS

Panelists

Kristen Kurland, Professor, Carnegie Mellon University, Heinz College and School of Architecture (Moderator)

Steve Sternberg, Deputy Editor, Health Rankings, US News & World Report, Washington, DC

Steve Doig, Knight-Ridder Chair, Arizona State University, Phoenix, Arizona

Tom Johnson, Institute for Analytic Journalism, Santa Fe, New Mexico

Brian Peterson, Director, Communications, Esri, Redlands, California

Refreshment Break in Solutions, Data, and Applications EXPO
10:30 AM–11:00 AM | Arizona Ballrooms V–VIII
Moderated Exchange Sessions
Tuesday, August 21
11:00 AM–NOON

Geomedicine
Vaquero Ballroom E 1

**Presenter:** Estella M. Geraghty, MD, MS, MPH/CPH, FACP, GISP; Assistant Professor of Clinical Internal Medicine, University of California, Davis

**Moderator:** Angelica Baltazar, Health and Human Services Industry Specialist, Esri

Enterprise GIS
Vaquero Ballroom F 1

**Presenter:** Virginia Estévez Adán, PhD, Senior GIS Expert—Surveillance and Response Support Unit (SRS), European Centre for Disease Prevention and Control (ECDC), Stockholm, Sweden

**Moderator:** Christina Bivona-Tellez, Health and Human Services Industry Manager, Esri

Health Surveillance 3.0
Vaquero Ballroom G 1

**Presenter:** John Brownstein, PhD, Harvard School of Medicine and Boston Children’s Hospital

**Moderator:** Bill Davenhall, Global Manager, Health and Human Services Solutions, Esri
Health Awards Luncheon
Tuesday, August 21
NOON–1:30 PM | Vaquero Ballrooms A–C

The annual awards luncheon honors organizations in the areas of GIS vision, service, and communication.

Each year, the Esri health and human services staff honors the work of several organizations that we believe make all health and human services GIS professionals proud. From among hundreds of outstanding and worthwhile initiatives, we select the three organizations that represent the best examples of vision, service, and communication we have witnessed in the preceding year and where Esri technology has played a significant role.

Previous Health Award Winners

Alabama Department of Children’s Affairs and Alabama Criminal Justice Information Center
Bailey, Stephanie—US Centers for Disease Control and Prevention
Baystate Health System, Springfield, Massachusetts
Cabell-Huntington Health Department, West Virginia
California Department of Health Services
California Health & Human Services Agency, Office of Statewide Health Planning and Development
CDC Emergency Operations Center, Atlanta, Georgia
CDC Lead Poisoning Prevention Branch
CDC National Center for Health Statistics
Children’s Environmental Health Initiative (CEHI), Duke University
City of New York Department of Health & Mental Hygiene
Connecticut Department of Public Health
Dartmouth Atlas of Health Care
Denver Managed Care
Florida Department of Health, Division of Environmental Health
Florida Department of Public Health
France Ministry of Health & Social Protection
Gardner Associates, Concord, Massachusetts
GISCorps
Guilford County Public Health Department
Health and Human Services Secretary’s Command Center, Washington, DC
Health Data Initiative (US Department of Health and Human Services, Institute of Medicine)
Health InfoTechnics
Health Protection Agency, United Kingdom
Helsana Versicherungen AG, Switzerland
Kentucky Department of Public Health, Public Safety Branch
Loma Linda University Adventist Health Sciences
Massachusetts Department of Public Health
Mecklenburg Emergency Medical Services
Ministry of Environment Safety and Environmental Healthcare, Hungary
NASA Goddard Space Flight Center
National Association of County and City Health Officials
National Cancer Institute
Naval Medical Research Center Detachment
Nebraska Health and Human Services System
New Jersey Department of Health and Senior Services
New Jersey Division of Health Emergency and Preparedness and Response
New York City Department of Health and Mental Hygiene
New Zealand Ministry of Health
Niigata University, Graduate School of Medical and Dental Sciences, Japan
Norwegian Public Health Institute
Ohio Department of Health
Oklahoma Department of Health
Pacific EMPREGS
Rhode Island Department of Health
Ripley, Bruce—Department of Veterans Affairs
Rural Policy Research Institute, Center for Rural Health Policy Analysis
San Diego Health and Human Services Agency
Saskatoon Health Region
Sault Ste. Marie Innovation Centre
Sault Ste. Marie Innovation Centre and Algoma Public Health
South Carolina Department of Health and Environmental Control
South Carolina Department of Health and Environment, Division of Biostatistics and Health GIS
Uniformed Services University of Health Sciences
United Nations Joint Logistics Centre, Italy
University of California, Davis
University of Kentucky
University of Mississippi Medical Center
University of Nebraska Medical Center
World Health Organization
Paper Sessions at a Glance
Tuesday, August 21
1:30 PM–2:45 PM

Health Surveillance, Part I
Vaquero Ballroom E 1

Measles Outbreak in Yemen, 2011–2012
Ibrahim Anesi, WHO/EPI

CDC Influenza Division FluView Interactive
Michael Dinan, Booz Allen Hamilton, Inc.

Prioritizing HIV Prevention Efforts in the Most Impacted Areas: A Syndemic Spatial Analysis of HIV and STD Disease Burden
Mike Janson, County of Los Angeles Department of Public Health, Division of HIV and STD Programs

Health Policy, Part I
Vaquero Ballroom E 2

Using Spatial Health Intelligence in Health Planning: The Case Study of Logan Beaudesert, Australia
Ori Gudes, Griffith University

Development of a Multidimensional Health Care Access Index
Stephen Jones, Blue Cross Blue Shield of Tennessee

The ADUSH Geoportal Server: GIS Data at Your Fingertips
Kevin Willis, Veterans Health Administration

Built Environment, Part I
Vaquero Ballroom F 1

Assessing the Food Landscape of a Rural LiveWell Colorado Community
Lisa Harner, Kaiser Permanente

Geospatial Technologies: Beyond Space Management
Sucheta Kulkarni, University of Michigan Medical School
Using GIS for Modeling the Demand on Health Care Facilities at Jeddah City
Abdulkader Murad, King Abdulaziz University

Predictive Modeling of Health Outcomes in Hampton Roads, Virginia
Steve Sedlock, Virginia Network for Geospatial Health Research, Inc.

Environmental Health, Part I
Vaquero Ballroom F 2

Elevated Blood Lead Levels: Environmental Risks and Opportunities for Outreach
Stephanie Foster, Geospatial Research, Analysis, and Services Program (GRASP), ATSDR/CDC

Exploring the Relationship between Lung Cancer and Geological Formations in Kentucky
Timothy Hare, Institute for Regional Analysis and Public Policy, Morehead State University

Kianda Case Study: Resource Allocation and Slum Mapping
Lisa Hilmi, University of Pennsylvania

Access to Health Care, Part I
Vaquero Ballroom G 1

Travel Time for Accessing Behavioral Health Care
M. Tabor Griswold, University of Nevada School of Medicine

Use of GIS for Maternal and Child Health Surveillance
Momin Kazi, Aga Khan University

Time Is a Factor: GIS and Stroke Care in the Veterans Health Administration
Eric Litt, Department of Veterans Affairs

Geospatial Considerations Associated with the Affordable Care Act’s (ACA) Evolving Models of Health Care
David Schutt, Stanford University Medical Center
Paper Sessions at a Glance
Tuesday, August 21
3:15 PM–4:30 PM

Health Surveillance, Part II
Vaquero Ballroom E 1

GIS Visual Maps to Monitor Polio Immunization Activities in Karachi
Momin Kazi, Aga Khan University

Tuberculosis Cluster Distribution in Santo Domingo Health Area
Venecia Ramirez, Ministerio de Salud

The Relationship between Obesity and Poverty Using Bivariance Spatial Visualization
Michael Topmiller, HealthLandscape

Health Policy, Part II
Vaquero Ballroom E 2

A GIS-Based Application to Support Health Care Provider Decision Making and Community Health Care Needs Assessment
Yoonmi Lee, Claremont Graduate University

Understanding Variations in BMI among VHA Patients
Amy Sadler, Veterans Health Administration

American Community Survey Toolbox
Elaine Hallisey, Geospatial Research, Analysis, and Services Program (GRASP), ATSDR/CDC

The ADUSH GeoPortal Server: GIS Data at Your Fingertips
Kevin Willis, Veterans Health Administration

Built Environment, Part II
Vaquero Ballroom F 1

The Policy Implications of Geocoding Positional Accuracy on Population Estimates
Stephanie Foster, Geospatial Research, Analysis, and Services Program (GRASP), ATSDR/CDC
Los Angeles County Department of Public Health GIS Map Viewer
Douglas Morales, Los Angeles County Department of Public Health

Mapping Pathways: Lessons Learned from Applied Epidemiology and GIS Training for Tribal Communities
Kate Watkins, University of Nebraska Medical Center

Recent ArcGIS Enhancements and Health Care Planning
Kevin Willis, Veterans Health Administration

Environmental Health, Part II
*Vaquero Ballroom F 2*

Using Administrative Medical Claims Data to Estimate Underreporting of Infectious Zoonotic Diseases
Stephen Jones, Blue Cross Blue Shield of Tennessee

The National Toxic Substance Incidents Program (NTSIP) Interactive Mapping Tool
Melissa Smith, CDC/ATSDR/Division of Toxicology and Human Health Sciences; Geospatial Research, Analysis, and Services Program

Accidental Childhood Poisoning: Putting Mr. Yuk on the Map
Margaret Nguyen, Children’s Hospital of Pittsburgh

Access to Health Care, Part II
*Vaquero Ballroom G 1*

Travel Time Analysis for Patients with Acute Respiratory Failure
David Wallace, University of Pittsburgh

Closing the Gap: Increasing Veterans’ Access to VHA Primary Care
Lauren Wilson, Department of Veterans Affairs/VRHRC-ER

Visualizing the United States Health Care Work Force
Ed Carl, HealthLandscape
Technical Workshops at a Glance
Wednesday, August 22

Spatial Pattern Analysis: Mapping Trends and Clusters
Vaquero Ballroom E 1
8:00 AM–9:15 AM
Lauren M. Scott, PhD, and Lauren Rosenshein, MA, Spatial Statistics Product Engineers, Esri

Community Analyst: Analytical and Data Tools, Part I
Vaquero Ballroom F 1
8:00 AM–9:15 AM
Brenda Wolfe, Community Analyst Product Manager, Esri

Modeling Spatial Relationships Using Regression Analysis
Vaquero Ballroom E 1
9:30 AM–10:45 AM
Lauren M. Scott, PhD, and Lauren Rosenshein, MA, Spatial Statistics Product Engineers, Esri

Community Analyst: Analytical and Data Tools, Part II
Vaquero Ballroom F 1
9:30 AM–10:45 AM
Brenda Wolfe, Community Analyst Product Manager, Esri

Spatial Statistics: Best Practices
Vaquero Ballroom E 1
11:00 AM–12:15 PM
Lauren M. Scott, PhD, and Lauren Rosenshein, MA, Spatial Statistics Product Engineers, Esri
Exhibitor Program

Monday, August 20  
5:00 PM–7:30 PM

Tuesday, August 21  
8:00 AM–NOON
2012 Esri Health GIS Conference Exhibitors
Arizona Ballrooms V–VIII

Booth  Organization
101  Geowise Ltd.
104  HealthLandscape, LLC
105  iVantage Health Analytics
106  VSolvIT
107  Critigen
110  Loma Linda University School of Public Health
Exhibitor Descriptions

Gold Sponsor
Critigen 107
www.critigen.com
Critigen is a full-life-cycle spatial systems integrator driving government and private-sector performance through spatial IT solutions and managed IT services. With global reach and top-tier partnerships Critigen delivers all components of a geospatial program: data collection, spatial processing, analytics and intelligence, application development, mobile solution development, hosting and Cloud services.

Geowise Ltd. 101
http://instantatlas.com/index.xhtml
InstantAtlas™ - Data presentation software for location-based statistical data. InstantAtlas enables information analysts and researchers to create highly-interactive dynamic and profile reports that combine statistics and map data to improve data visualization, enhance communication, and engage people in more informed decision making.

Gold Sponsor
HealthLandscape, LLC 104
www.HealthLandscape.org
HealthLandscape develops, administers, and markets interactive online data visualization tools and professional services. It is a collaboration between The Health Foundation of Greater Cincinnati and the American Academy of Family Physicians, nonprofit enterprises that share the vision of improving health through better understanding of conditions that affect health.
Exhibitor Descriptions (continued)

Gold Sponsor
iVantage Health Analytics 105
www.iVantageHealth.com
iVantage Health Analytics supports strategic decision making by integrating diverse data and delivering information through innovative platforms. Our ability to merge internal and external data brings a new dimension in identifying and implementing business initiatives. We offer a single source for market intelligence, performance measurement, and clinical and functional benchmarking.

Loma Linda University School of Public Health 110
www.llu.edu/public-health
Loma Linda University School of Public Health offers geoinformatics programs for the current and future public health workforce. Graduate MPH and certificate programs are offered on our Southern California campus. Individual courses can also be completed online.

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VSolvIT 106
www.VSolvit.com
VSolvit (pron.: We*Solve*it) is an award winning 8(a)/SDB/woman owned technology services provider that specializes in GIS/IT integration. VSolvit aspires to be your partner in geoenabling your organization. Our cloud/web-based applications have been launched from the White House (USDA KYF2) and by commercial health care organizations.
( We Solve it )

Where Opportunity ... ... Meets Solution

Technology Services

- Geographic Information System (GIS)
- Cloud Computing
- Application Development
- Database Management & Integration
- Modeling & Analysis
- Program Management

- SBA Certified 8(a)/SDB, DBE, MBE, WBE
- Woman Owned Small Business

VIST US AT BOOTH 106

Ask us about our projects in healthcare GIS.
Ask us about our GIS app launch at the U.S. Whitehouse.

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Upcoming Event Dates

Esri Southwest User Conference
September 17–19, 2012
Denver, Colorado, USA

Esri Electric and Gas GIS Conference
October 7–10, 2012
Salt Lake City, Utah, USA

Esri Mid-Atlantic User Conference
December 11–12, 2012
Baltimore, Maryland, USA

GeoDesign Summit
January 24–25, 2013
Redlands, California, USA

Esri Federal GIS Conference
February 25–27, 2013
Washington, DC, USA

Esri Partner Conference
March 23–26, 2013
Palm Springs, California, USA

Esri Developer Summit
March 25–29, 2013
Palm Springs, California, USA

Esri Southeast User Conference
April 29–May 1, 2013
Jacksonville, Florida, USA

Esri International User Conference
July 8–12, 2013
San Diego, California, USA

Esri Health GIS Conference
October 2013