Problems & Pitches – Rants & Raves

Randall Young

I have worked at CDC as a GIS Analyst since 2002. My work involves map design and creation, GIS consultation, and teaching. Good cartographic representation and the effective application of GIS tools to public health issues are key areas of interest. Because maps play an important role in support of CDC’s mission, I have a great deal of experience rendering health-related data in its geographic context. As a Geographer/Educator, I build GIS capacity at CDC by teaching introductory GIS classes a few times each year. Prior to coming to CDC, I worked at ESRI as a software instructor. I enjoy time with my family, and especially love hiking and canoeing in and around Georgia.

BA Geography, Georgia State University, 1991. MA Geography, Georgia State University, 1996.

Publications


Randall Young

Time and distance barriers to mammography facilities in the Atlanta metropolitan area.
J Community Health 2011 Aug;36(4):675-83
Lucy A Peipins, Shannon Graham, Randall Young, et al

Visit: http://www.cdc.gov

General Questions

What are your main interests in attending the workshop?

Learn about working with large data streams.

Compare data visualization work from other data users/providers/programmers.

What challenges do you see in applying analytics and visualization to health care data for population health monitoring and management?

Acquiring, accessing and managing the data.

Are you or your group working on any of these challenges? If yes, please explain.

My group works with data from many sources. Data access and management is a constant issue.

How do you currently use healthcare data for population health monitoring and management?

My group maps health surveillance data that is generally aggregated to some level of geography. Most often we map data at the state or county level, but also commonly use ZIP codes and census divisions. Mapping disease incidence and prevalence and/or other surveillance data is helpful for program administrators.

If the workshop could fulfill one wish that you have for using analytics and visualization of healthcare data for population health monitoring and management, what would it be?

How can I portray confidence or uncertainty in data quality?