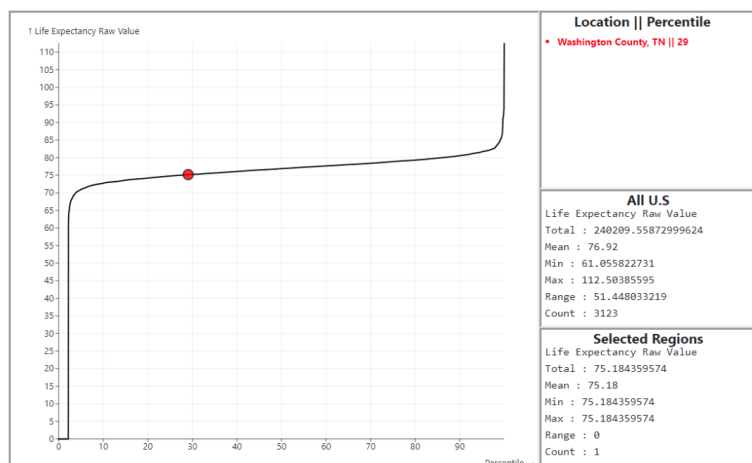


# CaRDS Seminar

## *Visualizing Critical Health Data: A Collaboration Between Public Health and Computer Sciences*

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Dean, College of Public Health  
Dr. Phil Pfeiffer  
Department of Computing  
East Tennessee State University

Making informed decisions about public health challenges requires access to timely and accurate data. Many existing data sets report county-level data, but only provide comparisons between counties within the same state. Knowing, for example, that the people of Washington County, Tennessee have the 21<sup>st</sup> longest life expectancies of any of Tennessee's 95 counties (top quartile) might lead one to believe that the county is relatively "healthy." However, when you compare Washington County, Tennessee with the other 3,141 counties in the United States, you see that it is worse than over two-thirds of the counties in the United States—just outside the bottom quartile, nationally. The College of Public Health worked with faculty and students from the Department of Computer Sciences to develop a visual display that graphically demonstrates where any county (or any group of counties) places, compared to all other counties in the country.



**When? Thursday, October 19 at 2.00 pm**

**Where? D.P.Culp University Center, Room 311 ("The Forum")**