



THE UNIVERSITY OF UTAH

J. Willard Marriott Library

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Visualizing Data: Why an (Interactive) Picture is Worth a Thousand Numbers

Who: Miriah Meyer, Ph.D. is a USTAR assistant professor in the School of Computing at the University of Utah and a faculty member in the Scientific Computing and Imaging Institute. Miriah was awarded a Microsoft Research Fellowship in 2012 and was named to MIT Technology Review's TR35.

What: Nineteenth Annual William R. and Erlyn J. Gould Distinguished Lecture on Technology and the Quality of Life

When: September 5, 2012, 12:00 p.m.

Where: J. Willard Marriott Library, Gould Auditorium, level 1

Parking and Directions: Park in visitor lot west of library
<http://www.lib.utah.edu/info/directions.php>

Free and Open to the Public

About Dr. Meyer's Work

One of the most striking and unique aspects about this moment in human history is the amount of data we are generating. This data holds the promise of unlocking the mysteries of the universe, untangling complex natural and man-made systems, and allowing us to live longer, healthier, and more productive lives. But generating data is only the first step --- developing methods to make sense of vast collections of information is now widely considered the major challenge. A key

component of addressing this challenge is visualization, which supports sense-making by representing data as pictures and supporting exploration through human-computer interactions. This talk discusses how we design interactive visualizations and how scientists use these tools to glean insight from complex data.

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