

*“Synergies in Scientific
Communication & Information”*

Presented by
Suzie Allard, Ph.D.
sallard@utk.edu
University of Tennessee
USA

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CENDI Meeting
March 2015
Washington D.C.

BIG ORANGE
UT BIG IDEAS

RESEARCH

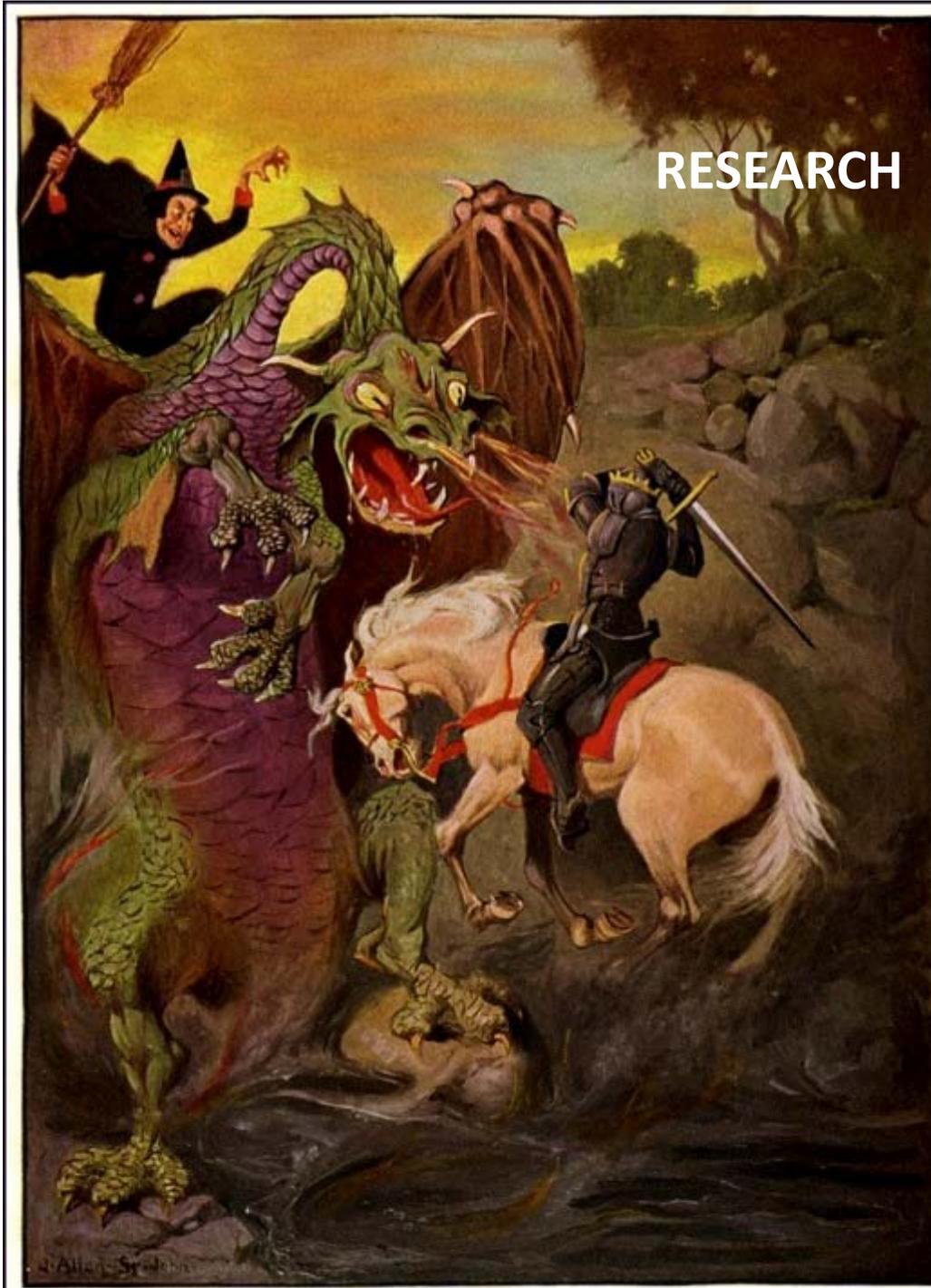
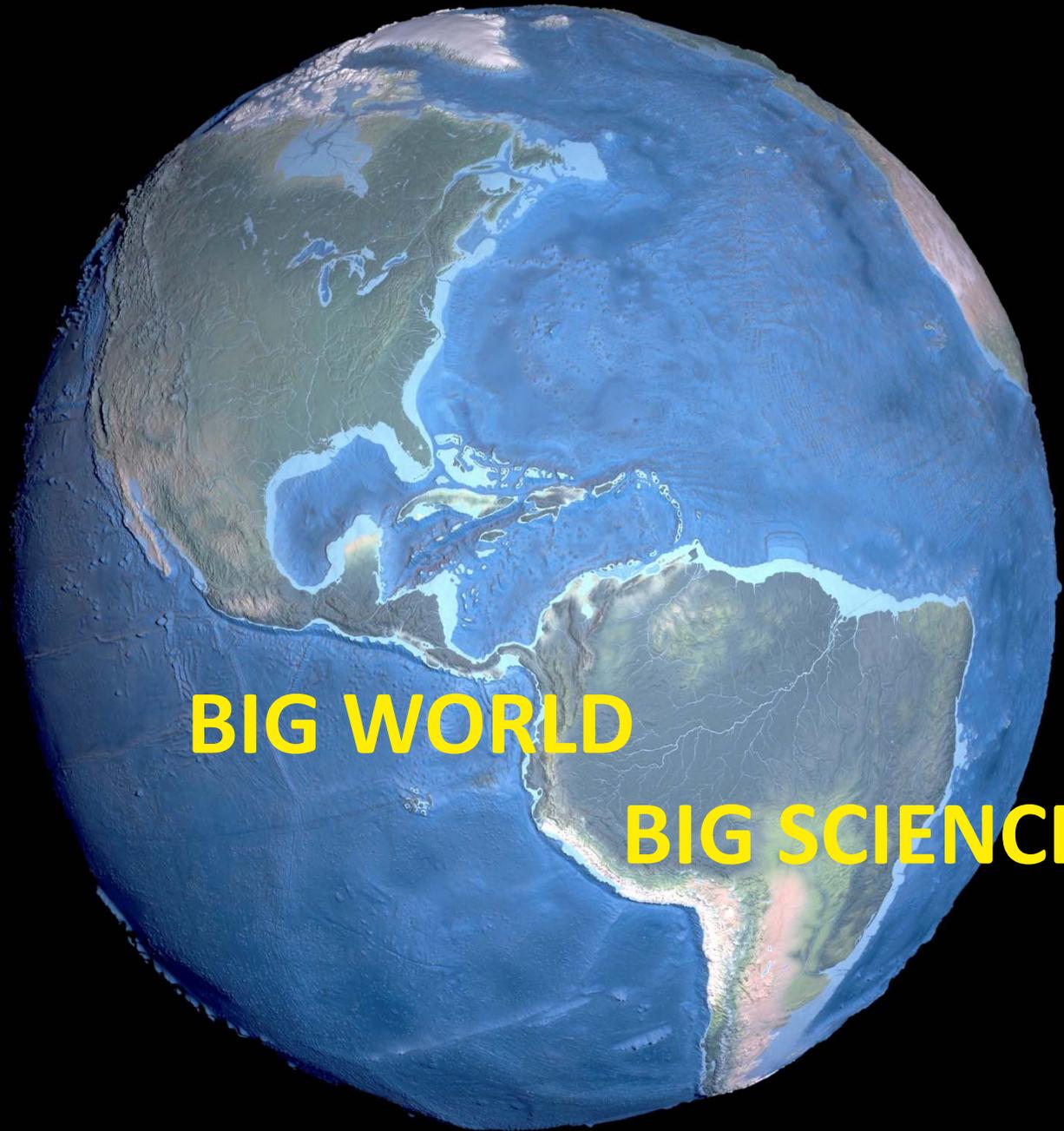


Image: Public Domain. Frontispiece to chapter 12 of 1905 edition of J. Allen St. John's "The Face in the Pool", published 1905. |Source=Pub by A.C. McClurg & Co. |Date=1905 |Author=J. Allen St. John | US Public Domain. Via Wikimedia Commons.



BIG WORLD

BIG SCIENCE

BIG DATA

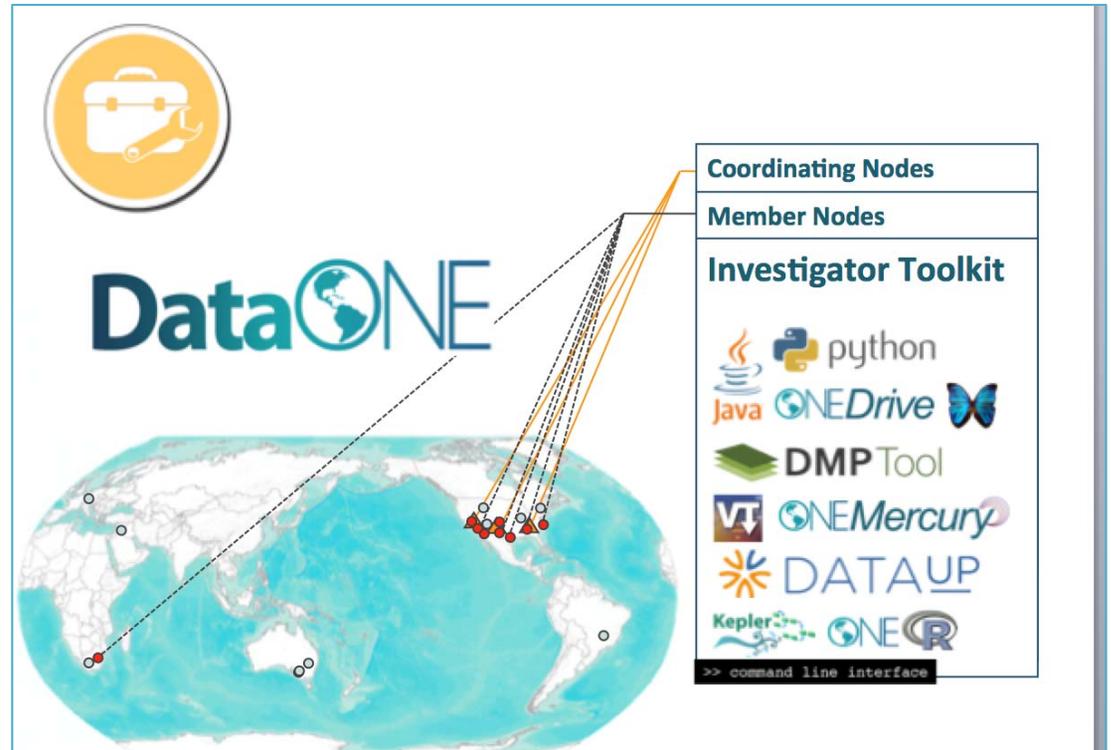


The
**FOURTH
PARADIGM**

DATA-INTENSIVE SCIENTIFIC DISCOVERY

EDITED BY TONY HEY, STEWART TANSLEY, AND KRISTIN TOLLE

DataONE

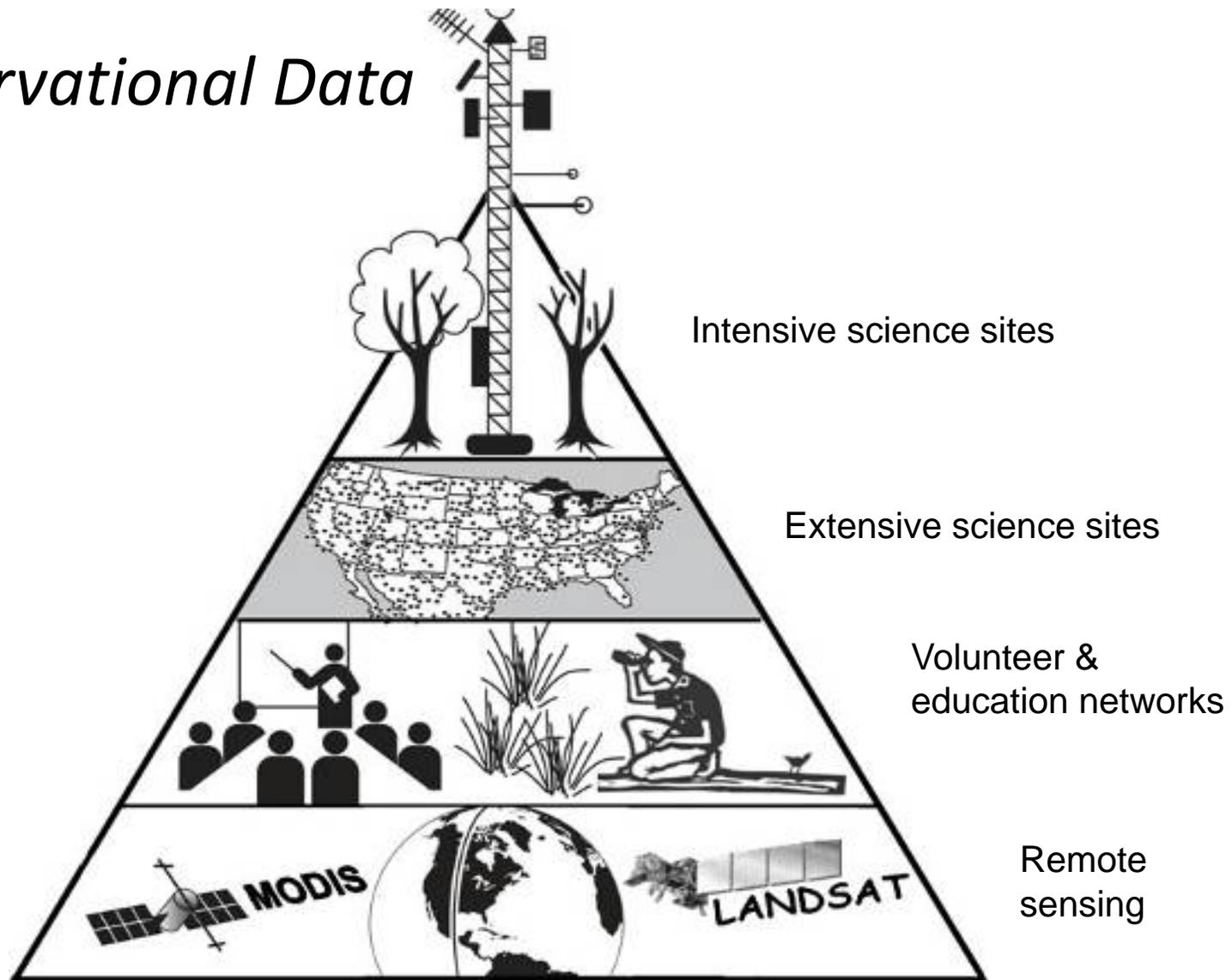


Funded by



*Providing universal access to data about life on earth
and the environment that sustains it.*

Observational Data



Adapted from CENR-OSTP
Courtesy of DataONE

UT's Research Contribution

DataONE



- Sociocultural research
- Usability research
- Assessment research
- Cyberinfrastructure development
“Big Data”



STAKEHOLDERS

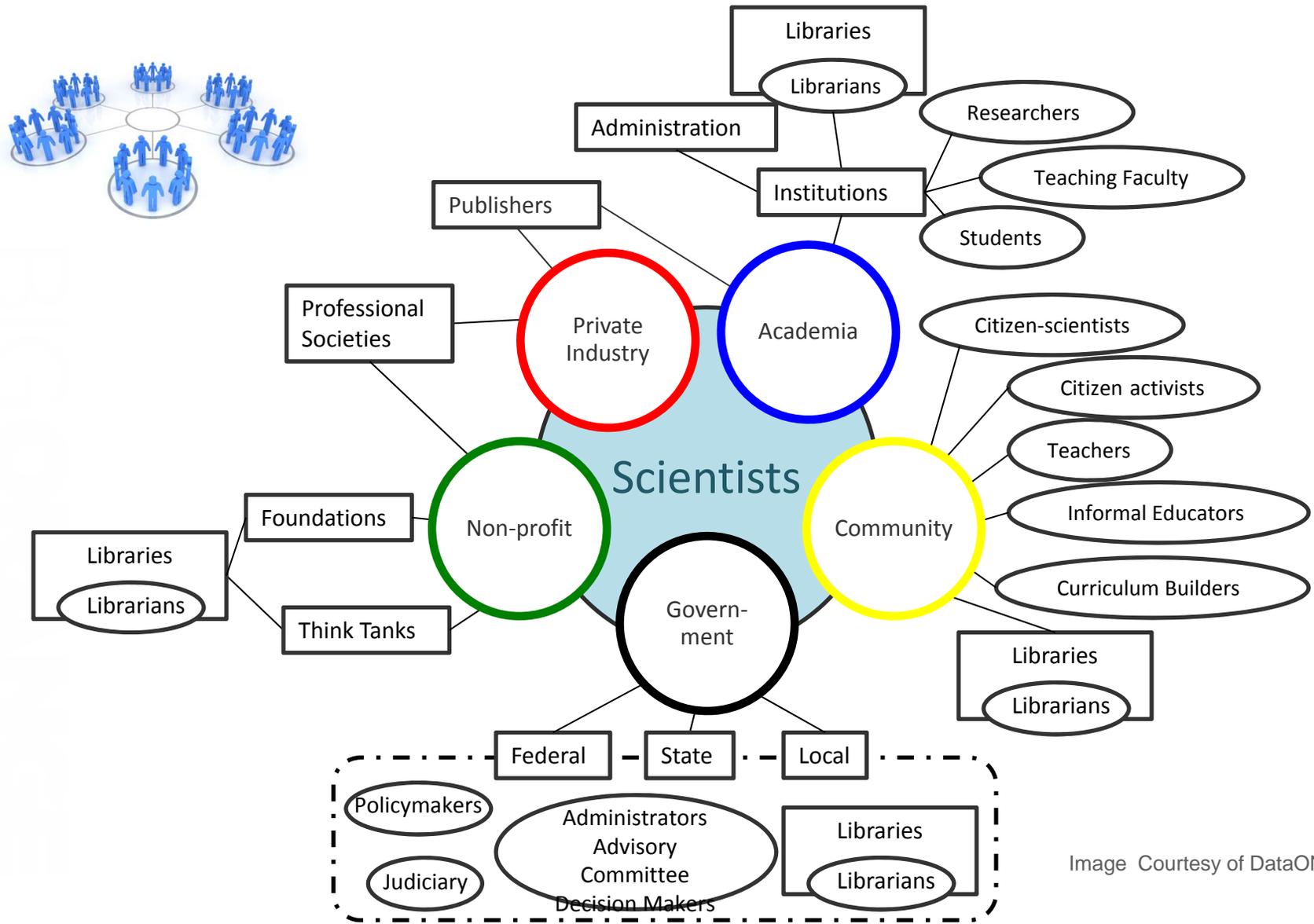
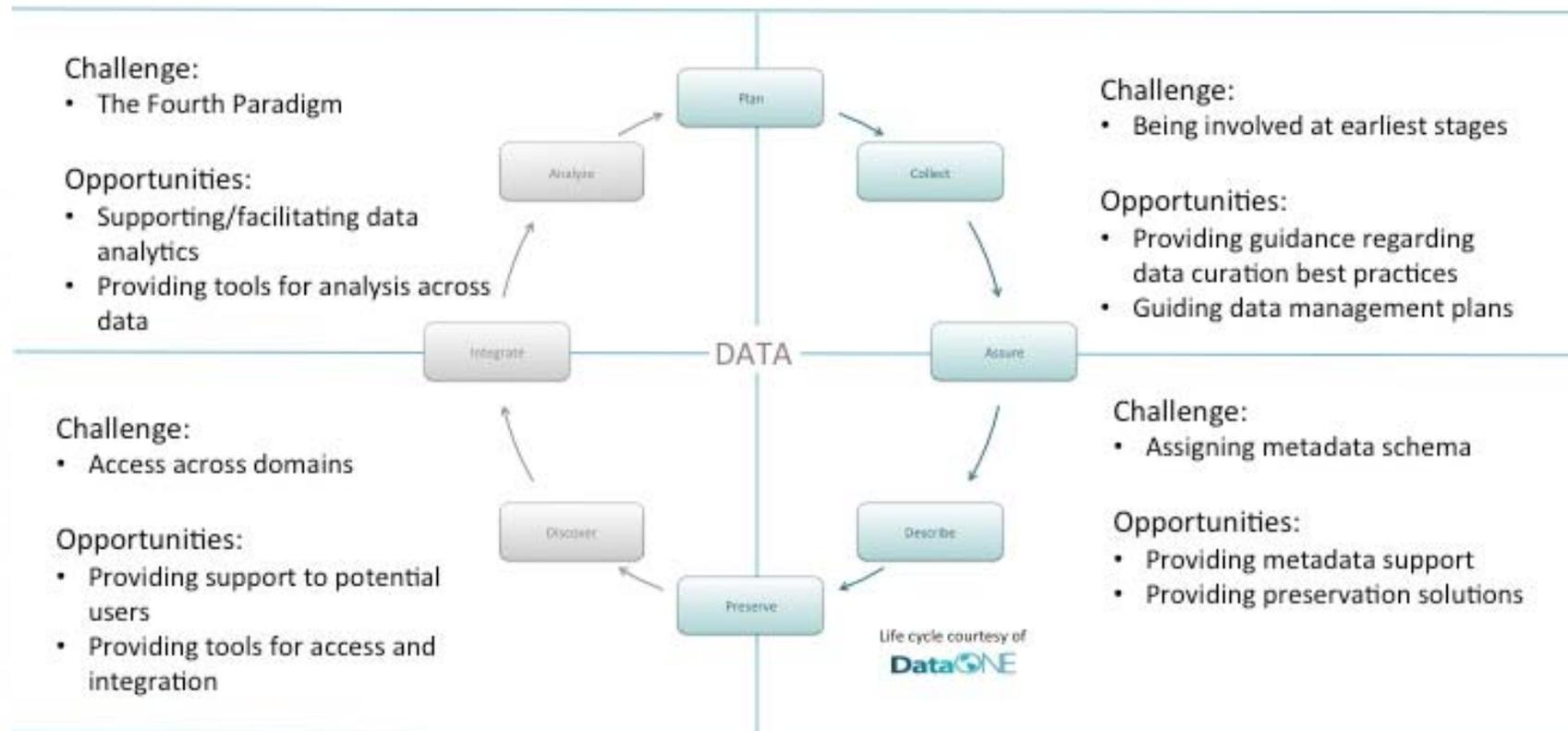


Image Courtesy of DataONE

Data Lifecycle & Information Professionals



Source: Allard, S. (2012). The Data Life Cycle & Information Professionals. Third Annual ASIST Research Data Access and Preservation Summit. New Orleans, LA. 21 March 2012.

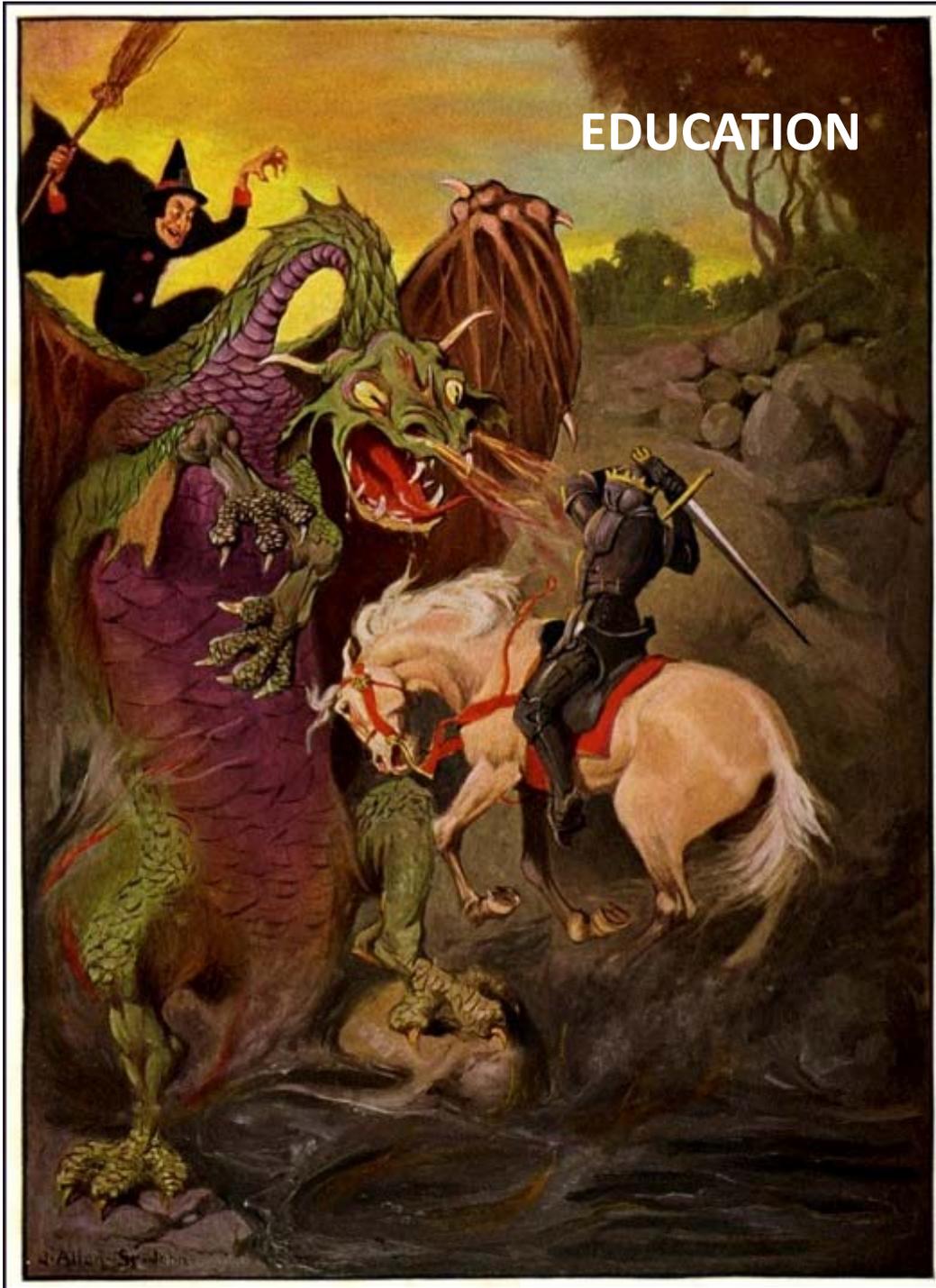


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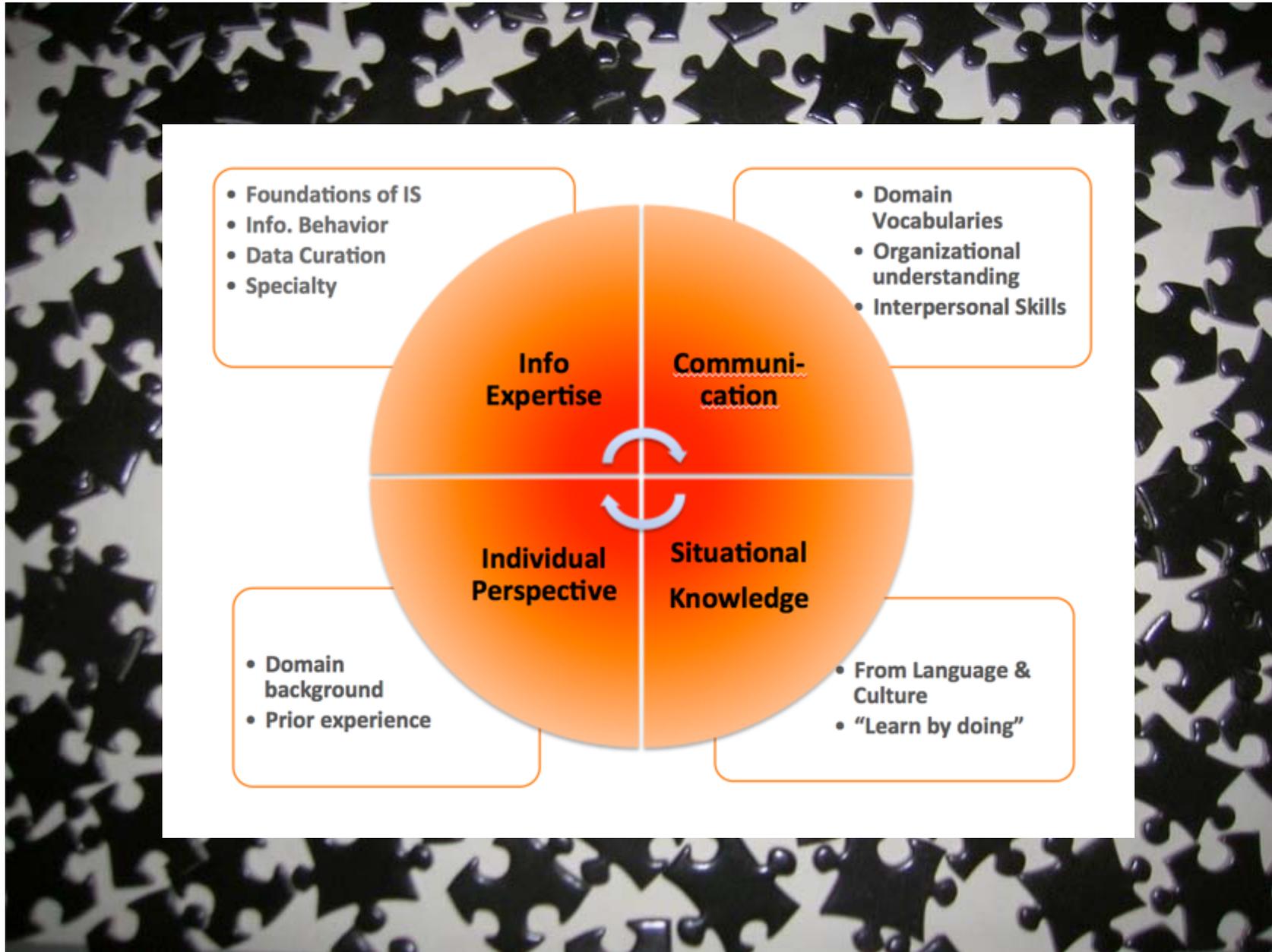


DCERC



Latino Scholars
Cambio Leadership
Academy





Challenges to Synergistic Results

- Moving from Theory → Practice
- Establishing value proposition
- Relationship building
- Mentoring

- Academic Mentors

- Research Center Mentors



NCAR | National Center for
UCAR | Atmospheric Research



Image: Aligning a compass so that readings of direction can be taken | Source={{own}} | Date=2012 | Author= [Shyamal](#) | .Via Wikimedia Commons

Keys to Success

- Relationship management
 - Open Dialog
- Cooperative mentoring
- Aligning educational experiences
- Addressing value proposition

Code-Switching



Speakers switch between two or more languages

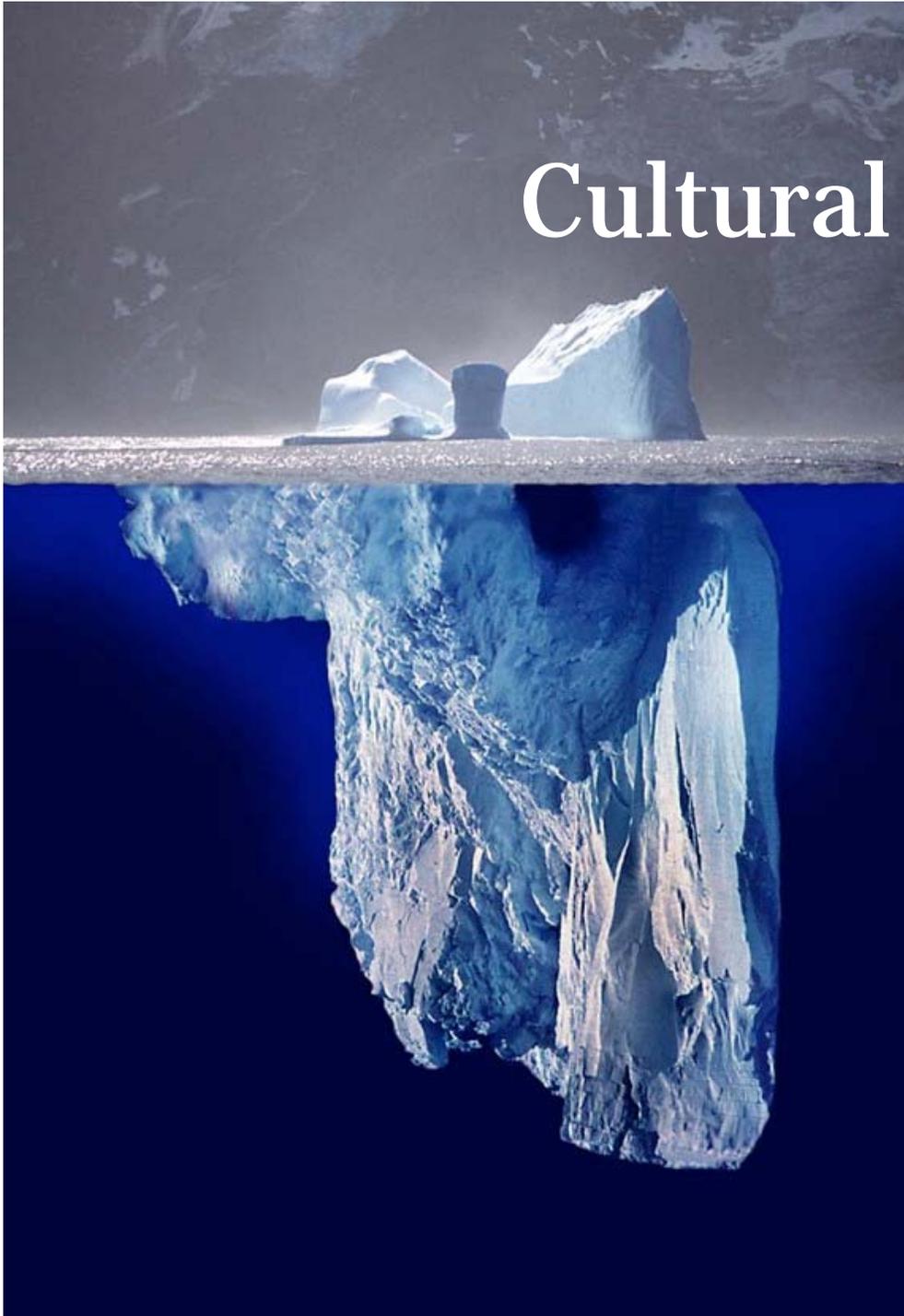
Image: Public domain available at
<http://commons.wikimedia.org/wiki/File:Two-people-talking-logo.jpg>

Cultural Proximity



Regardless of geographical location people will be attracted to media from their own culture.

Cultural Dimensions



Cultures have profiles that can be better understood by assessing six dimensions.

Dimensions may reveal what is beneath the surface.

Image: (Work by Uwe Kils) <http://www.ecoscope.com/iceberg/>
via Wikimedia Commons

Mindfulness



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Entrepreneurial Spirit



Willing to take constructive risks in order to help a project succeed.

Image: BASE Jump from Earth, Xof711, July 2004, via Wikimedia Commons



- Core Values
- Core Purpose
- Visionary Goals

**Align entrepreneurial endeavor
with existing strategic and tactical goals**

Image: Aligning a compass so that readings of direction can be taken | Source={{own}} | Date=2012 | Author= [Shyamal](#) | Permission= | other_versions= .
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Upcoming...

& Thank You!

Suzie Allard
sallard@utk.edu