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Usability analysis within The DataONE network of collaborators.

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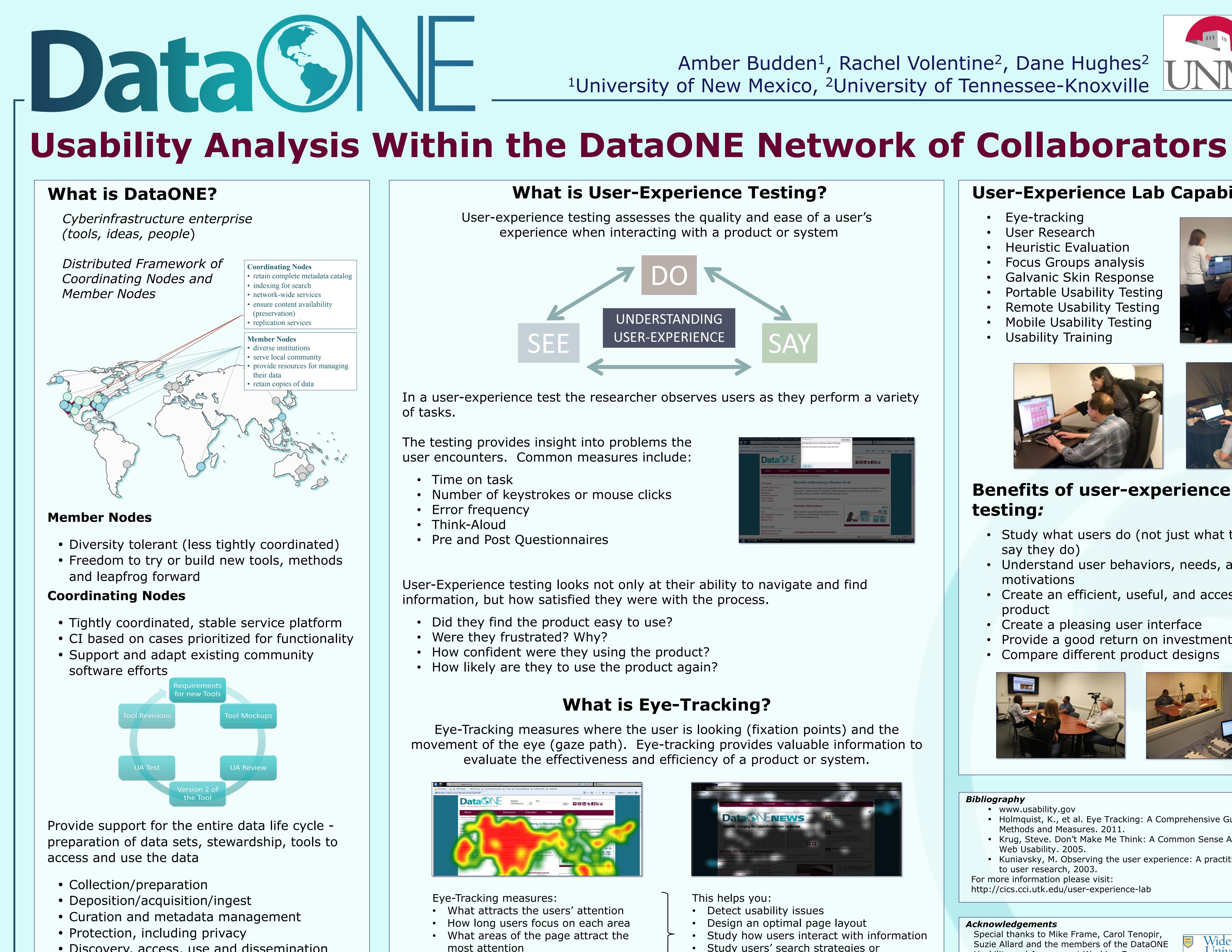
Dane Hughes University of Tennessee, Knoxville

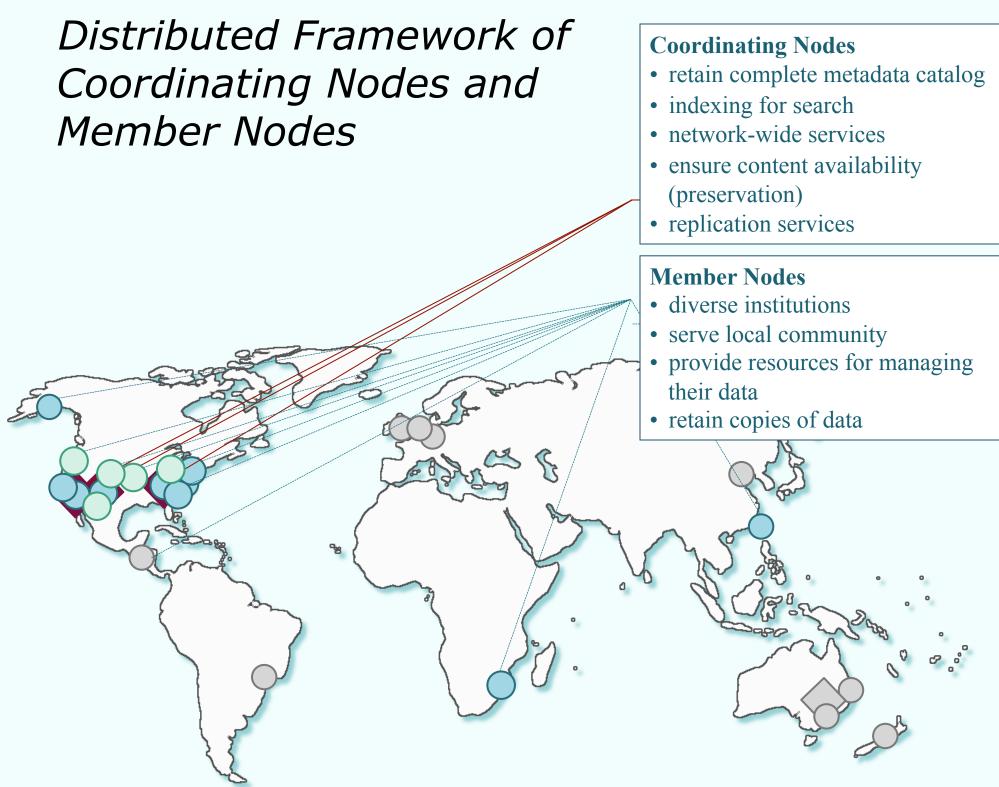
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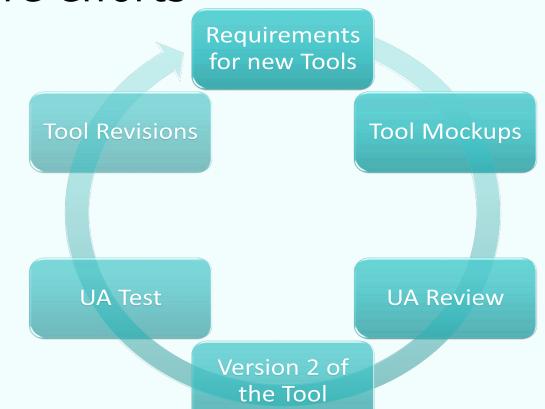
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- Discovery, access, use and dissemination
- Interoperability
- Exploration, visualization and analysis



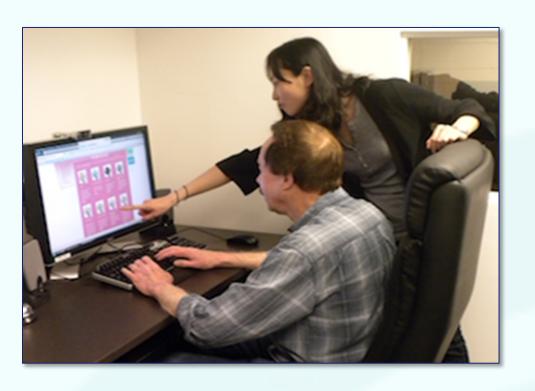
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How users read/view the information

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Study users' search strategies or decision-making processes

- Eye-tracking
- User Research
- Heuristic Evaluation
- Focus Groups analysis
- Galvanic Skin Response
- Portable Usability Testing
- Remote Usability Testing
- Mobile Usability Testing
- Usability Training



Benefits of user-experience testing:

- say they do)
- motivations
- Create an efficient, useful, and accessible product
- Create a pleasing user interface
- Provide a good return on investment
- Compare different product designs

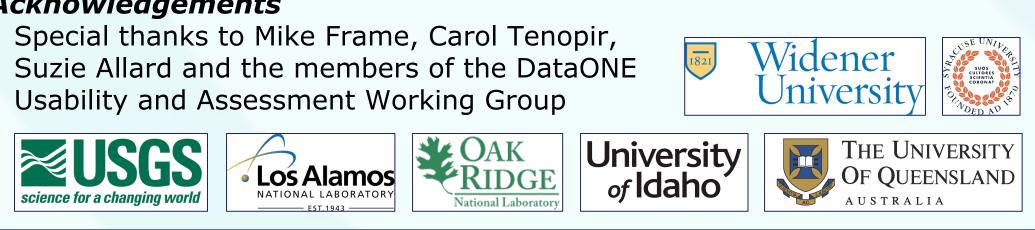


Bibliography

- www.usability.gov
- Methods and Measures. 2011.
- Web Usability. 2005.
- to user research, 2003. For more information please visit:

http://cics.cci.utk.edu/user-experience-lab

Acknowledgements

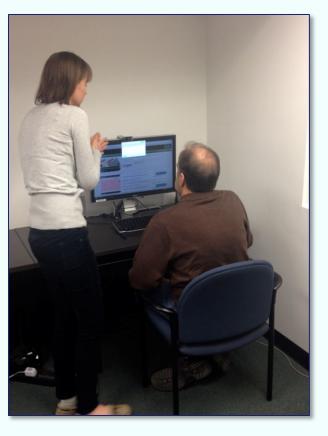


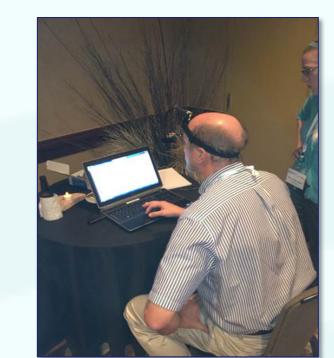






User-Experience Lab Capabilities:





• Study what users do (not just what they Understand user behaviors, needs, and



• Holmquist, K., et al. Eye Tracking: A Comprehensive Guide to • Krug, Steve. Don't Make Me Think: A Common Sense Approach to • Kuniavsky, M. Observing the user experience: A practitioner's guide