

## **Ixchel M. Faniel**

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### **Education**

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- Ph.D. (Business Administration – Information Systems), Marshall School of Business, University of Southern California, Los Angeles, CA, December 2004, KPMG Scholar  
Dissertation: “Influencing Individual Innovation through Technology Features that Support Cross-departmental Understanding” (Advisor: Ann Majchrzak)
- MBA Marshall School of Business, University of Southern California, Los Angeles, CA, May 1996, Consortium for Graduate Study in Management Fellow
- BS Computer Science, Tufts University, Medford, MA, May 1990

### **Professional Experience**

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- 2015-Present Research Scientist, OCLC Research Division of OCLC Online Computer Library Center, Inc., Dublin, OH
- 2014-2015 Associate Research Scientist, OCLC Research Division of OCLC Online Computer Library Center, Inc., Dublin, OH
- 2011-2014 Research Investigator, School of Information, University of Michigan, Ann Arbor, MI
- 2011-2013 Postdoctoral Researcher, OCLC Research Division of OCLC Online Computer Library Center, Inc., Dublin, OH
- 2007-2011 Assistant Professor, School of Information, University of Michigan, Ann Arbor, MI
- 2005-2007 Research Investigator/Assistant Professor, School of Information, University of Michigan, Ann Arbor, MI
- 1999-2004 Graduate Student Research Assistant, Graduate Student Teaching Assistant, Graduate Student Instructor, Marshall School of Business, University of Southern California, Los Angeles, CA
- 1996-1999 Marketing Specialist, IBM Corporation, Los Angeles, CA
- 1990-1994 Consultant, Andersen Consulting (now Accenture), Hartford, CT

## **Sponsored Research**

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Co-Investigator (with Sarah Witcher Kansa, Project Director, Eric Kansa, Co-Investigator, Ran Boytner, Senior Person, Anne Austin, Postdoctoral Researcher, Elizabeth Yakel, Consultant), National Endowment for the Humanities awarded \$446,037 over 36 months for “Beyond Management: Data Curation as Scholarship in Archaeology” starting January 2016.

Co-Principal Investigator (with Amy Buhler, Principal Investigator, Tara Tobin Cataldo, Co-Principal Investigator, Lynn Silipigni Connaway, Co-Principal Investigator, Joyce Kasman Valenza, Co-Principal Investigator, Randy Graff, Investigator, Rachel Elrod, Investigator), Institute of Museum and Library Services awarded \$491,822 over 36 months for “Researching Students' Information Choices: Determining Identity and Judging Credibility in Digital Spaces” starting December 2015.

Principal Investigator (with Elizabeth Yakel, Co-Principal Investigator), the Institute of Museum and Library Services awarded \$589,728 over 36 months for “Dissemination Information Packages (DIPS) for Information Reuse (DIPIR)” starting September 2010.

Principal Investigator, Michigan State University through the Department of Defense awarded \$105,109 over 18 months for “Examining the Reuse of Scientific Research in Practice” January 2010.

Principal Investigator, the National Science Foundation awarded \$100,000 over 24 months for “SGER: A Cyberinfrastructure Evaluation of the George E. Brown, Jr. Network for Earthquake Engineering Simulation (NEES)” March 2007.

## **Book Chapters**

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Faniel, I.M., and Yakel, E. 2017. Practices Do Not Make Perfect: Disciplinary Data Sharing and Reuse Practices and Their Implications for Repository Data Curation. In Johnston, L.R. (Ed.), *Curating Research Data Volume 1: Practical Strategies for Your Digital Repository* (pp. 103-126). Chicago: Association of College and Research Libraries Press.

Olson, J. S., Hofer, E. C., Bos, N., Zimmerman, A., Olson, G. M., Cooney, D., & Faniel, I. (2008). A theory of remote scientific collaboration. In G. M. Olson, A. Zimmerman, & N. Bos (Eds.), *Scientific collaboration on the internet* (pp. 73-97). Cambridge: MIT Press.

## **Refereed Journal Articles**

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Faniel, I.M., and Connaway, L.S. forthcoming. Librarians' perspectives on the factors influencing research data management programs. *College & Research Libraries*.

Faniel, I. M., Kriesberg, A., & Yakel, E. (2016). Social scientists' satisfaction with data reuse. *Journal of the Association for Information Science and Technology*, 67(6), 1404-1416. doi: 10.1002/asi.23480

Frank, R., Yakel, E., & Faniel, I. M. (2015). Destruction/reconstruction: Preservation of archaeological and zoological research data. *Archival Science*, 15(2), 141-167. doi: 10.1007/s10502-014-9238-9

Connaway, L. S., & Faniel, I. M. (2015). Reordering Ranganathan: Shifting user behaviours, shifting priorities. *SRELS Journal of Information Management*, 52(1), 3-23. <http://i-scholar.in/index.php/sjim/article/view/60392/51360>

Yakel, E., Faniel, I., Kriesberg, A., & Yoon, A. (2013). Trust in digital repositories. *International Journal of Digital Curation*, 8(1), 143-156. <http://www.ijdc.net/index.php/ijdc/article/view/8.1.143/303>

Faniel, I. M., & Yakel, E. (2011). Significant properties as contextual metadata. *Journal of Library Metadata*, 11(3-4), 155-165.

Faniel, I. M., & Zimmerman, A. (2011). Beyond the data deluge: A research agenda for large-scale data sharing and reuse. *International Journal of Digital Curation*, 6(1), 58-69. <http://www.ijdc.net/index.php/ijdc/article/view/163>

Faniel, I. M., & Jacobsen, T. E. (2010). Reusing scientific data: How earthquake engineering researchers assess the reusability of colleagues' data. *Computer Supported Cooperative Work*, 19(3-4), 355-375.

Faniel, I. M., & Majchrzak, A. (2007). Innovating by accessing knowledge across departments. *Decision Support Systems*, 43(4), 1684-1691.

## **Conference Proceedings**

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Faniel, I. M., Shaw, S., Hull, E., Ensberg, V., & Moore, R. (2015). Preservation of research data for reuse. Panel Presentation. *Proceedings of the 12<sup>th</sup> Annual International Conference on Digital Preservation (iPRES 2015)*.

Frank, R. D., Kriesberg, A., Yakel, E., & Faniel, I. M. (2015). Looting hoards of gold and poaching spotted owls: Data confidentiality among archaeologists & zoologists. *Proceedings of the Association for Information Science and Technology (ASIS&T)*, 52.

Faniel, I. M., Minor, D., & Palmer, C. L. (2014). Putting research data into context: Scholarly, professional, and educational approaches to curating data for reuse. Panel Presentation. *Proceedings of the Association for Information Science and Technology (ASIS&T)*, 51.

Kriesberg, A., Frank, R., Faniel, I., & Yakel, E. (2013). The role of data reuse in the apprenticeship process. *Proceedings of the Association for Information Science and Technology (ASIS&T)*, 50.

Faniel, I., Kansa, E., Whitcher Kansa, S., Barrera-Gomez, J., & Yakel, E. (2013). The challenges of digging data: A study of context in archaeological data reuse. *Proceedings of the Joint Conference on Digital Libraries (JCDL)*, 295-304.

Faniel, I. M., Kriesberg, A., & Yakel, E. (2012). Data reuse and sensemaking among novice social scientists. *Proceedings of the Association for Information Science and Technology (ASIS&T)*, 49.

Daniels, M., Faniel, I., Fear, K., & Yakel, E. (2012). Managing fixity and fluidity in data repositories. In Mai, J. (Ed.), *Proceedings of the 2012 iConference* (pp. 279-286). New York: ACM. **(Awarded 1 of 5 best conference papers)**

Faniel, I. M. (2005). Enhancing perceived value of cross-departmental knowledge on innovation via KM technology features. *Proceedings of the Academy of Management Annual Meeting*, 11-16. **(Awarded best paper, Organizational Communication and Information Systems Division)**

Faniel, I. M., & Majchrzak, A. (2002). An exploratory study of the factors associated with the successful reuse of other's knowledge. *Proceedings of the Eighth Americas Conference on Information Systems*, 2049-2058.

## Research Reports

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Connaway, L. S., & Faniel, I. M. (2014). *Reordering Ranganathan: Shifting user behaviors, shifting priorities*. Dublin, OH: OCLC Research.  
<http://www.oclc.org/content/dam/research/publications/library/2014/oclcresearch-reordering-ranganathan-2014.pdf>

Lavoie, B., Childress, E., Erway, R., Faniel, I., Malpas, C., Schaffner, J., & van der Werf, T. (2014). *The evolving scholarly record*. Dublin, OH: OCLC Research.  
<http://www.oclc.org/content/dam/research/publications/library/2014/oclcresearch-evolving-scholarly-record-2014.pdf>

Faniel, I. M. (2009). *Unrealized potential: The socio-technical challenges of a large scale cyberinfrastructure initiative*. Sponsored by the National Science Foundation.  
<http://hdl.handle.net/2027.42/61845>

## Invited Talks

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Faniel, I.M. (2016, October). *Are you curating with reuse in mind?* Presented at the DANS OCLC Colloquium at OCLC, Leiden, Netherlands.

Faniel, I.M. (2016, July). *Data Reuse: An Evolving Research Program*. Presented at the School of Information, University of Michigan for the Research Experience for Master's Students (REMS) Program, Ann Arbor, MI.

Faniel, I. M. (2016, June). *Improving Support for Researchers: How Data Reuse Can Inform Data Curation*. Presented at the Strategic Conversations at Harvard Library Series, Boston, MA.

Faniel, I. M. (2015, August). *Managing and curating data with reuse in mind*. Presented at the Research Libraries Roundtable panel at the 79th Annual Meeting of the Society of American Archivists (SAA), Cleveland, OH.

Faniel, I. M. (2015, August). *Data management, sharing and reuse: A user's perspective*. Presented at the School of Information, University of Michigan for the Research Experience for Master's Students (REMS) Program, Ann Arbor, MI.

Faniel, I. M. (2014, October). *Delivering research data services: Early experiences in academic libraries*. Presented at the Departamento de Biblioteconomía y Documentación Universidad Carlos III de Madrid, Madrid, Spain.

Faniel, I. M. (2013, May). *A preliminary view of data reuse in the zoological community*. Presented at the CollectionsWeb Stakeholders Workshop, Washington, DC.

Yakel, E., & Faniel, I. (2013, January). *Dissemination information packages for information reuse*. Presented at the University of Amsterdam, Faculty of Media Studies, Amsterdam, Netherlands.

Faniel, I. (2012, July). *Data curation and reuse across domains*. Presented at the Applied Data Science: Managing Research Data for Re-Use Workshop, Inter-university Consortium for Political and Social Research, Ann Arbor, MI.

Faniel, I. M. (2012, April). *Early career reuse of quantitative social science data*. Presented at the Center for Informatics Research in Science and Scholarship, University of Illinois at Urbana-Champaign, Champaign, IL.

Zimmerman, A., & Faniel, I. M. (2005, November). *Scientists serving science: Stakeholder participation as an approach to build, sustain, and evolve community oriented laboratories*. Presented at the Collaboratory for Research on Electronic Work (CREW), University of Michigan, Ann Arbor, MI.

Faniel, I. M. (2011, June). *Helping hands: The important role of mentors*. Presented at the iSchool Inclusion Institute, University of Pittsburgh, Pittsburgh, PA.

Faniel, I. M. (2006, Spring). *Women of color in the social science and humanities: Survival skills for graduate school*. Presented at the Center for the Education of Women, University of Michigan, Ann Arbor, MI.

Faniel, I. M. (2004, Summer). *Recruitment and career decisions*. Presented at the, Information Systems Doctoral Student Association, PhD Project Conference, New York, NY.

## **Conference Presentations**

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Faniel, I.M. (April 2017). *Data reusability: A Comparison across Disciplines*. Presented for the Data Reusability Panel at Research Data Access & Preservation (RDAP) Summit, Seattle, WA.

Tobin Cataldo, T. & Faniel, I.M. (2017, April). *Electronic Resource Containers: How Accurately Are Students Able to Distinguish Between the Various Packaging of Online Information?*

Presented at the 12<sup>th</sup> Annual Electronic Resources and Libraries (ER&L) Conference, Austin, Texas.

Faniel, I. M. (2017, March). *"Beyond Data Management: A Conversation about "Digital Data Realities"*. Panel discussion at Society for American Archaeology (SAA) 82<sup>nd</sup> Annual Meeting, Vancouver, British Columbia. [Read about it in Storify.](#)

Faniel, I.M. (2017, February). *Do your data management and curation practices support data reuse?* Presented at the Critical Perspectives in Digital Archaeology Conference. Boston, MA. [Read about it in Storify.](#)

Faniel, I.M. (2016, November). *Evolving to meet the changing needs of scholars: Academic librarians' early experiences with research data management programs*, Presented at the Congrès des Professionnels de l'Information, Montreal, QC.

Faniel, I.M. (2016, October). *Building and cultivating your mentoring network*. Presented at the Leadership Development Program, 79<sup>th</sup> Annual Meeting of the Association for Information Science and Technology (ASIS&T), Copenhagen, Denmark.

Bryant, R., & Faniel, I. M. (2016, August). *Library Services Development in an Emerging Collaborative Landscape*. Presented at the OCLC Research Update, International Federation of Library Associations and Institutions (IFLA) World Library and Information Congress 2016, OCLC Research Update, Columbus, OH.

Faniel, I.M., Yakel, E., Fear, K., & Kansa, E. (2016, February). *A Context-driven Approach to Data Curation for Reuse*. Workshop convened for the 11<sup>th</sup> International Digital Curation Conference, Amsterdam, Netherlands.

Faniel, I. M. (2015, November). *"You need the entire context, whatever that means." A study of three disciplines*. Presented at the Preservation of Research Data for Reuse panel, iPRES 2015, Chapel Hill, NC.

Faniel, I. M. (2014, November). *Putting research into context: A scholarly approach to curating data for reuse*. Presented at the Putting Research Data into Context: Scholarly Professional, and Educational Approaches to Curating Data for Reuse panel, 77<sup>th</sup> Annual Meeting of the Association for Information Science and Technology (ASIS&T), Seattle, WA.

Faniel, I. M. (2014, October). *Delivering research data services: Early experiences in academic libraries*. Presented at the E-Research Peer Network and Mentoring Group (ERPNUMG) Meeting, 2014 Digital Library Federation (DLF) Forum, Atlanta, GA.

Faniel, I. M., & Yakel, E. (2014, July). *Three perspectives on data reuse: Producers, curators, and reusers*. Presented at the Research Data and Curation panel, Digital Preservation 2014, Washington, DC.

Connaway, L. S., & Faniel, I. M. (2014, June). *Reordering Ranganathan: Shifting user behaviors, shifting priorities*. Presented at the OCLC Research Update, 2014 American Library Association (ALA) Annual Meeting, OCLC Research Update, Las Vegas, NV.

Faniel, I. M., Connaway, L. S., & Parson, K. (2014, June). *Building relationships for the effective development and delivery of research data services*. Presented at the 20<sup>th</sup> Annual RUSA RSS Research & Statistics Forum, 2014 American Library Association (ALA) Annual Meeting, Las Vegas, NV.

Connaway, L. S., & Faniel, I. M. (2014, January). *Reordering Ranganathan: Shifting user behaviors, shifting priorities*. Presented at the OCLC Research Update, 2014 American Library Association (ALA) Midwinter Meeting, Philadelphia, PA.

Faniel, I. M. (2013, June). *Inside zoological collections: Perspectives of the academic (re)user*. Presented at the Society for the Preservation of Natural History Collections (SPNHC) 28<sup>th</sup> Annual Meeting, Rapid City, SD.

Faniel, I., Yakel, E., Kriesberg, A., & Daniels, M. (2013, April). *Can quantitative social scientists get data reuse satisfaction?* Presented at the 4th Annual Research Data Access and Preservation Summit (RDAP13), Baltimore, MD.

Yakel, E., Faniel, I., Kansa, E., & Kansa, S. (2013, April). *Archaeological data: Curation, preservation, and reuse*. Presented at the Society for American Archaeology (SAA) 78<sup>th</sup> Annual Meeting, Honolulu, HI.

Yakel, E., Faniel, I., Kriesberg, A., & Yoon, A. (2013, January). *Trust in digital repositories*. Paper presented at the 8<sup>th</sup> International Digital Curation Conference (IDCC), Amsterdam, Netherlands. **(Awarded best conference paper)**

Faniel, I. (2012, August). *Infusing consumer data reuse practices into curation and preservation activities*. Presented at the 76<sup>th</sup> Annual Meeting of the Society of American Archivists, San Diego, CA.

Faniel, I. M., Yakel, E., McGovern, N., Fear, K., Daniels, M., & Kriesberg, A. (2011, August). *Does trust matter?* Presented at the Research Forum sponsored by the Society of American Archivists Annual Meeting, Chicago, IL.

Faniel, I. M., & Zimmerman, A. (2010, December). *Beyond the data deluge: A research agenda for large-scale data sharing and reuse*. Paper presented at the 6<sup>th</sup> International Digital Curation Conference, Chicago, IL.

Faniel, I. M., & Jacobsen, T. E. (2010, February). *Reusing scientific data: A research framework*. Position paper presented at The Changing Dynamics of Scientific Collaboration Workshop, ACM Conference on Computer Supported Cooperative Work, Savannah, GA.

Faniel, I. M., & Gukeisen, M. V. (2007, December). *Seeking data for reuse: An exploratory study of earthquake engineers*. Presented at the Organizations and Society for Information Systems (OASIS), IFIP Working Group 8.2, Montreal, Canada.

Faniel, I. M., & Majchrzak, A. (2004, June). *Exploring how the use of knowledge management technologies makes communities of practice more transparent*. Paper presented at the IFIP International Conference on Decision Support Systems, Prato, Italy.

Faniel, I. M., & Majchrzak, A. (2003, March). *Designing IT for knowledge reuse in a complex and uncertain environment*. Paper presented at the Minnesota Symposium on Knowledge Management, University of Minnesota, Minneapolis, MN.

## **Interviews & Blog Posts**

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Faniel, I. Community Oriented Research Data Curation and Reuse. Interview by Padilla, Thomas, March 23, 2016. <http://acrl.ala.org/dh/category/data-praxis/>.

Faniel, I. "Data Management and Curation in 21st Century Archives - Part 2." *Hangingtogether.org* from *OCLC Research*, September 29, 2015. <http://hangingtogether.org/?p=5413>.

Faniel, I. "Data Management and Curation in 21st Century Archives - Part 1." *Hangingtogether.org* from *OCLC Research*, September 21, 2015. <http://hangingtogether.org/?p=5375>.

Faniel, I. "Reordering Ranganathan: The Evolution of a Research Project." *Hangingtogether.org* from *OCLC Research*, November 13, 2014. <http://hangingtogether.org/?p=4590>.

Faniel, I. with Yakel, E., & Kouper, I. Preserving and Curating Research Data: Panel Preview for DP2014. Interview by Manus, Susan, July 18, 2014, The Signal. <https://blogs.loc.gov/thesignal/2014/07/preserving-and-curating-research-data-panel-preview-for-dp2014/>

## **Posters**

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Faniel, I. M., & Connaway, L. S. (2014, October). The road to implementing successful research data services: Moving from challenges to benefits. Poster presented at the 2014 Digital Library Federation (DLF) Forum, Atlanta, GA.

Yakel, E., Faniel, I., & Frank, R. (2014, February). *Dynamics of data reuse when aggregating data through time and space: The case of archaeology and zoology*. Poster presented at the 9<sup>th</sup> International Digital Curation Conference, San Francisco, CA.

Yakel, E., Faniel, I., Kansa, S. W., Kansa, E., & Kriesberg, A. (2013, November). *Understanding data reuse in archaeology*. Poster presented at the American Schools of Oriental Research (ASOR) Annual Meeting, Baltimore, MD.



Faniel, I., Barrera-Gomez, J., Kriesberg, A., & Yakel, E. (2013, February). A comparative study of data reuse among quantitative social scientists and archaeologists. *iConference 2013 Proceedings*, 797-800.

Kriesberg, A., Faniel, I., Yakel, E., & Fear, K. (2011, December). *Reuse at data repositories: User and staff perspectives on the dissemination process*. Poster presented at the 7<sup>th</sup> International Digital Curation Conference, Bristol, UK.

## **Professional Service**

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Co-chair, Association for Information Science and Technology (ASIS&T) Leadership Committee, 2016, 2017

Review Panelist, Institute of Museum and Library Services, 2016

Review Panelist, National Science Foundation, 2013

Working Group Member, iSchool Inclusion Institute of Information Sciences (i3), 2010-2013

Review Panelist, OCLC/ALISE Library and Information Science Research Grant Program (LISRGP), 2011, 2012

## **Journal and Conference Reviewing**

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Journals: Information Technology & People, Journal of the American Society for Information Science and Technology, Computer Supported Cooperative Work, Decision Support Systems, Human Computer Interaction, Data Science Journal

Conferences: Association for Information Science and Technology (ASIS&T), International Digital Curation Conference, iConference, Academy of Management Conference (AOM), International Conference on Information Systems (ICIS), ACM Conference on Human Factors in Computing Systems (CHI), Hawaii International Conference on System Sciences (HICSS), Americas Conference on Information Systems (AMCIS)

## **Honors and Awards**

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Best conference paper, 8<sup>th</sup> International Digital Curation Conference, 2013

One of five best conference papers, iConference 2012

Best conference paper, Organizational Communication and Information Systems Division, Academy of Management Annual Meeting, 2005

Nominated for the William H. Newman Award (outstanding papers based on recent dissertations), Academy of Management, 2005

Nominated for the ACM SIGMIS Doctoral Dissertation Award, International Conference on Information Systems, 2005

KPMG Scholar 1999-2003

Consortium for Graduate Study in Management Fellow 1994-1996

## **Instruction**

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Using Software for Qualitative Analysis (March 2014), Statewide California Electronic Library Consortium (SCELC) Research Workshop Day 2014, William H. Hannon Library, Loyola Marymount University

Contextual Inquiry and Project Management (Fall 2006, Fall 2007, Fall 2008, Fall 2009, Fall 2010), School of Information, University of Michigan

Principles in Management (Winter 2007, Winter 2008, Winter 2009, Winter 2010, Winter 2011) and Managing Specialized Information Services (Winter 2006), School of Information, University of Michigan

Ph.D. Student Seminar (Fall 2005), School of Information, University of Michigan

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