

## CURRICULUM VITAE

**David Ribes**, Asst. Professor

Communication, Culture & Technology - Georgetown University  
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### \_\_\_\_ **ACADEMIC PREPARATION** \_\_\_\_\_

**Assistant Professor, Communication, Culture & Technology** – Georgetown University  
(2010-present)

**Visiting Assistant Professor, Communication, Culture & Technology** – Georgetown University (2008-10)

**Post-Doctoral Research Investigator, School of Information** – University of Michigan.  
Supervisor: Tom Finholt. (2006-8)

**Ph.D. Sociology (Science Studies) 2006** – University of California San Diego – Thesis: “Universal Informatics: Building Cyberinfrastructure, Interoperating the Earth Sciences”

Committee: Steven Epstein, Geoffrey Bowker, Susan Leigh Star, Chandra Mukerji, Andrew Lakoff

### \_\_\_\_ **PRESENT RESEARCH AWARDS** \_\_\_\_\_

Principal Investigator: NSF/OCI Virtual Organizations as Socio-Technical Systems (VOSS)  
*Delegating Organizational Work to Virtual Organization Technologies* 2008-12 (Co-PIs: Steve Jackson, Tom Finholt) (~\$398,000)

Co-Principal Investigator: *NSF Monitoring, Modeling and Memory* (HSD) 2008-2012 (PIs: Paul Edwards, Co-PIs: Geoffrey Bowker, Susan Leigh Star, Christine Borgman, Steve Jackson, Tom Finholt) (~\$1.2M)

Co-Principal Investigator: NIH: *The ePatient & The Clinical Study: From Human Subject to Active Participant?* (PI: Joseph Margolitz) (~\$120,000)

Co-Principal Investigator. NSF/OCI EAGER: *The Human Infrastructure of Cyberinfrastructure* 2009-10 (PI: Tom Finholt) (~\$100,000)

Steering Committee, NSF/RCN-SEES for Urban Sustainability (2011-14): Research Coordination and Synthesis for a Transformative Future (PI: Dan Childers) (~\$580,000)

### \_\_\_\_ **SELECTED PAST AWARDS & FELLOWSHIPS** \_\_\_\_\_

Senior Personnel. NSF/SBE/BIO ULTRA-Ex: *Comparing Baltimore and Washington DC.* 2010-12 (PI: Ali Whitmer) (~\$300,000)

Principal Investigator, Georgetown Pilot Research Award, *The ePatient & The Clinical Study: From Human Subject to Active Participant?* (\$10,000)

Principal Investigator: NSF Doctoral Dissertation Improvement Grant, National Science Foundation (~\$8000) 2005-6

“The Standardized Revolution of Science: Building Cyberinfrastructure for the Geosciences”

Values in the Design of Information System Design. Two Week Graduate Student Workshop. Center For Science Technology and Society, Santa Clara University. Organizers: Helen Nissenbaum and Geoffrey C. Bowker.

### \_\_\_\_ **PUBLICATIONS** \_\_\_\_\_

Millerand, F., D. Ribes, et al. (Forthcoming). "Making Metadata a Public Issue." *Science, Technology and Human Values*.

- Ribes, D. and S. J. Jackson (Forthcoming). Data Bite Man: The work of sustaining long term data collection. In *Data are Never Raw*. L. Gitelman (ed). Cambridge, MA, MIT Press.
- Jackson, S. J., D. Ribes, et al. (2011). Collaborative rhythm: temporal dissonance and alignment in collaborative scientific work. ACM 2011 conference on *Computer supported cooperative work*. Hangzhou, China, ACM: 245-254.
- Geiger, R. S., & Ribes, D. (2011). Trace Ethnography: Following Coordination through Documentary Practices. Proceedings of the 44th Hawaii International Conference on System Sciences (HICSS).
- Bowker, Geoffrey C., Baker, K.S., Millerand, Florence and Ribes, David (2010) 'Towards Information Infrastructure Studies: Ways of Knowing in a Networked Environment', in J.D. Hunsinger, M. Allen and L. Klastrup (eds), *International Handbook of Internet Research*: Springer.
- Jackson, Steve, Ribes, David, and Buyuktur, Ayse (2010) 'Exploring Collaborative Rhythm: Temporal Flow and Alignment in Collaborative Scientific Work', Proceedings of the 2010 *iConference*, Urbana-Champagne, Feb 2-6 2010.
- Geiger, S. and D. Ribes (2010). 'The work of sustaining order in Wikipedia: The banning of a vandal,' *Proceedings of the 2010 ACM conference on Computer-Supported Cooperative Work (CSCW)*, Savannah, Georgia, USA, February 6–10.
- Ribes, D. and G. C. Bowker (2009). "Between meaning and machine: learning to represent the knowledge of communities." *Information and Organization* 19(4): 199-217.
- Ribes, D. and T. A. Finholt (2009). "The long now of infrastructure: Articulating tensions in development." *Journal for the Association of Information Systems (JAIS): Special issue on eInfrastructures* 10(5): 375-398.
- Ribes, David and Bowker, Geoffrey C. (2008) 'Organizing for Multidisciplinary Collaboration: The Case of the Geosciences Network', in G.M. Olson, A. Zimmerman and Nathan Bos (eds), *Scientific Collaboration on the Internet* (Cambridge: MIT Press): 311-30.
- Ribes, D. and T. A. Finholt (2008). 'Representing community: Knowing users in the face of changing constituencies.' Proceedings of the 2008 ACM conference on Computer-Supported Cooperative Work (CSCW), San Diego, CA, Nov.8-12.
- Ribes, David and Finholt, Thomas A. (2007) 'Tensions across the Scales: Planning Infrastructure for the Long-Term', *Proceedings of the 2007 international ACM SIGGROUP conference on Supporting group work*, Sanibel Island, Florida, USA.
- Ribes, David and Baker, K.S. (2007) 'Modes of Social Science Engagement in Community Infrastructure Design', in Steinfield, Brian T. Pentland, M. Ackerman and N. Contractor (eds), *Proceedings of Third International Conference on Communities and Technology* (London: Springer): 107-30.
- Ribes, David and Finholt, Thomas A. (2007) 'Planning infrastructure for the long-term: Learning from cases in the natural sciences', *Proceedings of the Third International Conference on e-Social Science*, Ann Arbor, MI June 2006.
- Khoo, Mick and Ribes, David (2005) 'Studying Digital Library Users in the Wild: Theories, Methods, and Analytical Approaches', in, *D-Lib Magazine*.
- Ribes, David (2005) 'The Positions of the Social Scientist: Social and Technical Acts of Intervention', *D-Lib Magazine* 11/7/8 (July/August).
- Ribes, David and Baker, K.S. (2006) 'Elements of Social Science Engagement in Information Infrastructure Design', *ACM: The Proceedings of the 7th Annual International Conference on Digital Government Research*, San Diego, CA, May 21-24.
- Baker, K.S., Ribes, David, Millerand, Florence and Bowker, Geoffrey C. (2005) 'Interoperability Strategies for Scientific Cyberinfrastructure: Research Practice', in, *Proceedings of the American Society for Information Systems and Technology*.

Ribes, David, Baker, K.S., Millerand, Florence and Bowker, Geoffrey C. (2005)  
'Comparative Interoperability Project: Configurations of Community, Technology,  
Organization', *Proceedings of the Second ACM/IEEE-CS Joint Conference on Digital  
Libraries*.

Baker, K.S, Bowker, G.C, Millerand, F., Ribes, D. (Spring 2005) "Continuing an  
Ethnographic Approach - Interoperability Strategies for Scientific Cyberinfrastructure: A  
Comparative Study" LTER Network Newsletter.

## \_\_\_ SELECTED RESEARCH EXPERIENCE \_\_\_

*Post-Doc, University of Michigan School of Information (2006-8). Supervisor: Tom Finholt*

Two-year appointment as research investigator. Working with the National Center for  
Supercomputing Applications (NCSA) on Community Engagement Project. Subject  
Communities: Linked Environments for Atmospheric Discovery (LEAD), Water and  
Environmental Systems (WATERS) network.

*Research Assistant, Scripps Institute for Oceanography (SIO) (2004-2007)*

*Comparative Interoperability Project – PIs: Geof Bowker, Karen Baker*

<http://interoperability.ucsd.edu>

This research involves the comparative historical and ethnographic study of three information  
infrastructures (cyberinfrastructures): GEON, the geo-sciences network; Ocean Informatics  
(OI) at Scripps and; LTER – Long Term Ecological Research. The project goal is to  
understand how technical interoperability solutions (ontologies, metadata, standards) are tied  
to social and organizational strategies and configurations. The interdisciplinary research team  
includes a historian, an information manager and a human-computer interaction expert. This  
is a three year NSF funded project under 'Human and Social Dynamics' (2004-7).

*Ethnographer, San Diego Supercomputer Center, La Jolla, California (2003)*

Conducted ethnographic and infrastructural research in collaboration with information  
scientists and geo-scientists in the GEON cyberinfrastructure project ([www.geongrid.net](http://www.geongrid.net)),  
with particular emphasis on building robust and effective cross-disciplinary information  
systems for the study in the geo-sciences.

## \_\_\_ SELECTED SYNERGISTIC ACTIVITIES \_\_\_

*IBM -- Extreme Blue Intern – Almaden Research Labs (Summer 2004)*

*-Jeanette Blomberg, Paul Maglio – Rick Perrett (Business Mentor)*

*- <http://www-913.ibm.com/employment/us/extremeblue/>*

Worked in a team including technical programmers and a business manager, acted as an  
ethnographer and field researcher at an IBM client site, investigating organizational  
performance. Research included interviews, shadowing, focus groups and document  
collection. In turn, data gathered during this research was used to inform the development of  
an IT tool for facilitating project management co-ordination within the interorganizational  
boundaries of IBM as well as across the divide between the IBM delivery team and client.

*Informal Advisory Panel, "SDSC Innovation: Communication for Cyberinfrastructure  
Collaborations, C3" (2004)*

Researcher and consultant for communication practices in the development and deployment  
of cyberinfrastructure. This project involves research on new publishing models and  
technological collaboration environment.

## \_\_\_ SELECTED TEACHING \_\_\_

*Infrastructure Studies: Knowledge, Power, Distribution (Fall 2011)*

*Unpacking Science and Technology: An Introduction to STS (Fall 2011)*

*Technology and Human Activity (Fall 2010)*

*Qualitative Data Analysis: A Grounded Theory Approach (Spring 2010)*

#### **\_\_\_SELECTED INVITED TALKS\_\_\_\_\_**

“Ethnography of scaling: Studying the growing of infrastructure,” *Mind and Society*, University of Manchester, Manchester, UK, September 4-5, 2009.

"The Use of 'Community': Knowing Users in the Face of Changing Constituencies," School of Information, University of Michigan, Ann Arbor, April 15, 2008.

“Strategies of the Long Term in Infrastructure Design” Oxford Internet Institute, Oxford, UK. March 26<sup>th</sup>, 2007.

“Comparative Studies of the Long Term” Virtual Knowledge Studio, Amsterdam, Netherlands. March 29<sup>th</sup>, 2007.

“Metadata Deployment” NIEES Workshop *Activating Metadata: The role of metadata in effective spatial data exploitation*, Cambridge, UK, July 6-7, 2005 – Organizers: Lex Comber, Mark Gahegan, Francis Harvey, Peter Fisher, Richard Wadsworth.

“Social Integration in GEON” presented to the *NSF Site-Review team for GEON (year 2)*, San Diego Supercomputer Center, August 12, 2004

#### **\_\_\_SELECTED CONFERENCE & WORKSHOP PRESENTATIONS\_\_\_\_\_**

“Tracing the Oligopticons of Big Science,” *Society for the Social Studies of Science Annual Conference*, Washington, DC, USA, Oct. 2009.

"Intervening on 'the social' of Information Systems Design" *iConference 2008*, Feb.28 2008, UCLA, LA, CA.

“Infrastructure at Both Ends” *Scientific Practice as Ordinary Action: An International Workshop on Scientists at Work*, University of Fribourg, Switzerland. March 22-3, 2007.

“Infrastructuring Movements: Infrastructure as an Actor’s Category” *Society for the Social Studies of Science Annual Conference*, Vancouver, BC, Can., Oct. 2006

“Elements of Social Science Engagement in Information Infrastructure Design” 7<sup>th</sup> Annual *International Conference on Digital Government Research, San Diego, CA, May 21-24, 2006* (co-presenter Karen Baker)

#### **\_\_\_SELECTED CONFERENCE ORGANIZATION\_\_\_\_\_**

Program Committee, *iConference*. 2011, Seattle, Washington.

Workshop Organizer (with Steven Jackson and Sean Goggins). “Keywords of the Sociotechnical.” *iConference 2010*, Urbana-Champaign, IL, Feb.3, 2010.

Panel Organizer (with Steven Jackson). “Ethnographic Approaches to Studying Large Scale Systems.” *iConference 2010*, Urbana-Champaign, IL, Feb.3, 2010.

Program Committee. Fifth International Conference on e-Social Science, Maternushaus in Cologne, June 24-6th 2009.

Program Committee. ICKM 2009: The 6th International Conference on Knowledge Management. Hong Kong, China, December 3-4, 2009.

#### **\_\_\_SELECTED SERVICE, EDITORIAL BOARDS AND REVIEWING\_\_\_\_\_**

Editorial Board (Book Reviews) – *Science, Technology & Human Values* 2007-present

Science, Technology & International Affairs (STIA) , Georgetown University, Advisory Board, 2008-present