

# JEAN HARDY, PHD

## CURRICULUM VITAE

404 Wilson Road  
Communication Arts & Sciences  
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### RESEARCH AREAS

Rural computing, community and economic development, participatory design, identity and marginalization

### EDUCATION

<b>University of Michigan School of Information, Ann Arbor, MI</b> PhD, Information Graduate Certificate in Science, Technology, & Society Dissertation: "Rural Transformation in the 21 <sup>st</sup> Century: Entrepreneurship, Innovation, and High-Tech Economies in Michigan's Keweenaw Peninsula" Advisers: Silvia Lindtner and Tiffany Veinot Committee members: Tawanna Dillahunt, Mary Gray (Microsoft), and Christian Sandvig	2020
<b>University of Michigan School of Information</b> Master of Science, Information	2015
<b>University of Washington, Seattle, WA</b> Bachelor of Arts, English Literature and Theory, Cum Laude	2013
<b>Seattle Central Community College, Seattle, WA</b>	2012 – 2013
<b>University of Tennessee, Knoxville, TN</b>	2006 – 2009

### PROFESSIONAL APPOINTMENTS

<b>Michigan State University</b> Assistant Professor, Department of Media & Information Director, Rural Computing Research Consortium Faculty Associate: Quello Center for Media & Information Policy, Center for Gender in Global Context	2020 – Present
<b>University of Michigan School of Information</b> Graduate Student Researcher	2015 – 2020
Graduate Student Instructor	2014 – 2016
<b>Facebook</b> User Experience Researcher (Contract), Community Integrity	2019
User Experience Research Intern, Facebook Live	2017

### AWARDS

ComArtSci Research & Creative Incubator & Accelerator Award, MSU.	2022
Rackham Merit Fellowship, University of Michigan.	2015 – 2020
Best Provocation Award, 2019 ACM Conference on Designing Interactive	

Systems.	2019
Award for Impact in Gender Diversity in Information & Technology, School of Information, University of Michigan.	2018
Best Paper Honorable Mention, 20 <sup>th</sup> Annual ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW 2017).	2017
Best Paper Honorable Mention, 34th Annual ACM Conference on Human Factors in Computing Systems (CHI 2016).	2016
Morris & Ida Fine Scholarship, School of Information, University of Michigan	2013 – 2015

## GRANTS & RESEARCH FUNDING

Redesigning Virtual Schools as Networks of Care and Solidarity. Spencer Foundation. (\$135,787.40; Role: Co-PI)	2023
Human-Centered Infrastructure Design and the Future of Rural Digital Connectivity. Research Gift from Merit Network. (\$42,854.31; Role: PI)	2022
Policy Support for Rural Innovation Pilot Study. Center for Community & Economic Development, MSU. (\$4,200; Role: PI)	2022
Developing a Research Infrastructure to Support the Future Center for Rural Computing. ComArtSci Research & Creative Incubator & Accelerator Award, MSU. (\$4,365; Role: PI)	2022
Community Farm Technological Capacity Building in the Upper Peninsula of Michigan. Comprehensive Economic Recovery Initiative Grant, MSU. (\$5,000; Role: PI)	2022
Computing Research Association, Computing Innovation Fellows Subaward. National Science Foundation. (\$243,305; Role: Postdoctoral Fellow Advisor)	2021

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## UNDER REVIEW

**Hardy, J.** Rural Tech Peripheries and Uneven Development in Rural America. *Rural Sociology*.

**Hardy, J.** Asset Maps & the Digitization of Rural Opportunity. *Journal of Rural Studies*.

## EDITED VOLUMES

Su, N.M., **Hardy, J.**, Vigil-Hayes, M., Veinot, T., and Comber, R. 2021. Rural Computing and HCI. Special issue of *ACM Transactions on Computer-Human Interaction*, 28(3).

## PEER-REVIEWED JOURNAL ARTICLES

**Hardy, J.** and Palmer, A. (Forthcoming). Promoting Digital Agriculture Adoption in Community-Based Agricultural Organizations. *Journal of Extension*.

Jonas, A., Vargas, S., and **Hardy, J.** (Forthcoming). Better than Google: Information Activism for LGBTQ+ Young Adults in a Rural Community. *Proceedings of the ACM on Human-Computer Interaction*.

**Hardy, J.**, Thebault-Spieker, J. 2024. A Turn to Assets in Community-Based Computing Research: Tradeoffs, Deficits, and Neoliberalism in Technological Development. *Proceedings of the ACM on Human-Computer Interaction*, 8, CSCW 1, 14:1-20.

**Hardy, J.** 2024. Transforming the Rural Asset: Advancing Rural Place through Cultural Assets in the American High-Tech Economy. *Community Development*. Online first.

**Hardy, J.**, Geier, C., Vargas, S., Doll, R., and Howard, A. 2022. LGBTQ Futures and Participatory Design: Investigating Visibility, Community, and the Future of Future Workshops. *Proceedings of the ACM on Human-Computer Interaction*, 6, CSCW 2, 525:1-25.

Weeden, A., **Hardy, J.**, and Foster, K. 2022. The Right to be Rural During a Pandemic: Exploring Narratives of Place, Displacement, and the 'The Right to be Rural' in the Context of COVID-19. *Annals of the American Association of Geographers*, 112(3), 732-741.

Su, N.M., **Hardy, J.**, Vigil-Hayes, M., Veinot, T., and Comber, R. 2021. Performing Rurality with Computing. *ACM Transactions on Computer-Human Interaction*, 28(3), 1-13.

**Hardy, J.** 2021. Queer Information Literacies: Social and Technological Circulation in the Rural Midwestern United States. *Information, Communication & Society*, 24(1), 102-117.

Avle, S., Lin, C., **Hardy, J.**, and Lindtner, S. 2020. Scaling Techno-Optimistic Visions. *Engaging Science, Technology, & Society Journal*, 6, 237-254.

**Hardy, J.**, Wyche, S., and Veinot, T. 2019. Rural HCI Research: Definitions, distinctions, methods, and opportunities. *Proceedings of the ACM on Human-Computer Interaction, CSCW 2019*, 196:1-34.

Goodspeed, R., Yan, X., **Hardy, J.**, Vydiswaran, V.V., Berrocal, V.J., Clarke, P., Romero, D.M, Gomez-Lopez, I.N., and Veinot, T. 2018. Comparing the Data Quality of GPS Devices and Smartphones for Assessing Relationships between Place, Mobility, and Health: A Field Study. *JMIR Mhealth and Uhealth*, 6 (8).

**Hardy, J.**, Veinot, T.C., Yan, X., Berrocal, V.J., Clarke, P., Goodspeed, R., Gomez-Lopez, I.N., Romero, D., and Vydiswaran V.G.V. 2018. User Acceptance of Location-Tracking Technologies in Health Research: Implications for Study Design and Data Quality. *Journal of Biomedical Informatics*, 79, 7-19.

#### PEER-REVIEWED FULL PAPERS IN CONFERENCE PROCEEDINGS

**Hardy, J.** 2022. The Rural Information Penalty. In *Information for a Better World: Shaping the Global Future. iConference 2022*, 33-41.

**Hardy, J.** and Lindtner, S. 2017. Constructing a Desiring User: Discourse, Rurality, and Design in Location-Based Social Networks. *Proceedings of the 20<sup>th</sup> Annual ACM Conference on Computer Supported Cooperative Work and Social Computing*, 13-25. **Best Paper Honorable Mention.**

Blackwell, L., **Hardy, J.**, Ammari, T., Veinot, T., Lampe, C., and Schoenebeck, S. 2016. LGBT Parents and Social Media: Advocacy, Privacy, and Disclosure during Shifting Social Movements. *Proceedings of the 34<sup>th</sup> Annual ACM Conference on Human Factors in Computing Systems*, 610-622. **Best Paper Honorable Mention.**

#### PEER-REVIEWED SHORT PAPERS IN COMPANION PROCEEDINGS

**Hardy, J.** 2019. How the Design of Social Technology Fails Rural America. *Companion of the 2019 ACM Conference on Designing Interactive Systems*, 189-193. **Best Provocation Award.**

**Hardy, J.** and Vargas, S. 2019. Participatory Design and the Future of Rural LGBTQ Communities. *Companion of the 2019 ACM Conference on Designing Interactive Systems*, 195-199.

#### REFEREED EXTENDED ABSTRACTS, PANELS, AND WORKSHOPS IN COMPANION PROCEEDINGS

Winberry, J., Gray, L., **Hardy, J.**, Jaber, B., and Mehra, B. 2021. Conceptualizing Relevance of Information as a Social Justice Issue: An Interactive Panel Discussion. *Proceedings of the Association for Information Science & Technology*, 58(1), 667-672.

Feinberg, M., Fox, S, **Hardy, J.**, Steinhardt, S., and Vaghela, P. At the Intersection of Culture and Method: Designing Feminist Action. *Companion of the 2019 ACM Conference on Designing Interactive Systems*, 365-368.

**Hardy, J.** et al. (13 authors, equal authorship). 2019. Queer(ing) HCI: Moving Forward in Theory and Practice. *Proceedings of the 2019 CHI Conference Extended Abstracts on Human Factors in Computing Systems*, SIG11:1-4.

**Hardy, J.**, Dailey, D., Wyche, S., and Su, N.M. 2018. Rural Computing: Beyond access and infrastructure. *Companion of the 2018 ACM Conference on Computer Supported Cooperative Work and Social Computing*, 463-470.

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#### MAGAZINE AND PRESS PUBLICATIONS

Avle, S. and **Hardy, J.** What is 'techno-optimism'? 2 technology scholars explain the ideology that say technology is the answer to every problem. *The Conversation*. 04/24/2024. [[link](#)]

**Hardy, J.** Michigan should fund tech in communities, not venture capitalists. *The Lansing State Journal*, 12/11/2021. [[link](#)]

**Hardy, J.** A New Rural Digital Divide in Michigan. *The Review*, July/August 2020. [[link](#)]

**Hardy, J.**, Phelan, C., Vigil-Hayes, M., Su, N.M., Wyche, S., Sengers, P. 2019. Designing from the Rural. *Interactions*, July/August 2019. [[link](#)] [Citation Count: 23]

**Hardy, J.** 2018. How Rural America is Saving Itself. *CityLab*, 12/20/2018. [[link](#)] [Citation Count: 3]

#### POLICY MEMOS, REPORTS, & OTHER DOCUMENTS

**Hardy, J.** 2019. Expanding Support for Rural Development in Michigan. Prepared for Michigan Rural Affairs and Development Coalition. [[link](#)]

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#### CONFERENCE SESSIONS ORGANIZED

Molldrem, S., **Hardy, J.**, and Crooks, R. 2018. Digital sexualities, biomedical practice, and queer realities. Open panel at the 2018 Meeting of the Society for Social Studies of Science, Sydney, Australia.

#### CONFERENCE PRESENTATIONS & WORKSHOP PAPERS

**Hardy, J.** 2023. Rural Tech Peripheries: Urban-Rural Economic Relations and the High-Tech Revitalization of Rural America. Paper presented at the 2023 Annual Meeting of the American Sociological Association.

**Hardy, J.** 2023. Asset Maps and the Digitization of Rural Opportunity. Paper presented at the 2023 Annual Meeting of the Rural Sociological Society.

**Hardy, J.** and Jonas, A. 2023. Better than Google: Information Activism for LGBTQ+ Young Adults in a Rural Community. Paper presented at the 2023 Annual Meeting of the Rural Sociological Society.

**Hardy, J.** 2022. Rural Tech Peripheries: Urban-Rural Economic Relations and the High-Tech Revitalization of Rural America. Paper presented at the 2022 Annual Meeting of the Rural Sociological Society.

**Hardy, J.** 2022. Rural Expertise and the Sewer. Paper presented at The Smartification of Everything Symposium and Exhibition.

**Hardy, J.** 2021. Asset Maps & the Digitization of Rural Opportunity. Paper presented at the 2021 Meeting of the Society for the Social Studies of Science (4S).

Weeden, S.A., **Hardy, J.**, and Foster, K. 2021. The Right to be Rural During a Pandemic: Exploring Narratives of Place, Displacement, and 'The Right to be Rural' in the Context of COVID-19. Paper presented at the 2021 Annual Meeting of the American Association of Geographers.

**Hardy, J.**, Fontichiaro, K., and Lindtner, S. 2019. Supporting the Future of Work and Skills-Building through Community Care and Support. Position paper presented at ACM Conference on Human Factors in Computing Systems 2019 Workshop, "The Future of Work."

**Hardy, J.** 2018. Queer Information Literacies: Social media and identity access among rural LGBTQ people. Paper presented at the 2018 Annual Meeting of the Rural Sociological Society.

**Hardy, J.** 2017. #GetGayCSCW: Understanding how power through location has been designed into contemporary technologies for queer men. Panel presentation at ACM Conference on Computer Supported Cooperative Work and Social Computing 2017 Panel, "Social Justice and Design: Power and oppression in collaborative systems."

**Hardy, J.** 2017. Queer(ing) HCI: Problem or paradox. Position paper presented at ACM Conference on Computer Supported Cooperative Work and Social Computing 2017 Workshop, "Imagining Intersectional Futures."

**Hardy, J.** 2016. Doing Queer STS in the Rural Midwest. Paper presented at The MidweSTS 2016 Graduate Student Workshop.

**Hardy, J.** 2016. Queer Technologies and Rural Queer World-Making. Paper presented at the 2016 Meeting of the Society for the Social Studies of Science (4S).

**Hardy, J.** 2016. A Case Study of Appropriation Diffusion in a Semi-Anonymous Network. Position paper presented at ACM Conference on Computer Supported Cooperative Work and Social Computing 2016 Workshop, "Collaborative Appropriation."

**Hardy, J.** 2015. Navigating assumptions in location-based sex app research: Urban & rural use of profile pictures in users of SCRUFF, a location-based social enabler for men who have sex with men. Position paper presented at ACM Conference on Computer Supported Cooperative Work and Social Computing 2015 Workshop, "Let's Talk About Sex (Apps), CSCW."

**Hardy, J.** and Handel, M. 2014. Heteronormativity in Product Design: It's not just a Husband, Wife, and 2.4 Kids. Position paper presented at ACM Conference on Human Factors in Computing Systems 2014 Workshop, "Perspectives on Gender and Product Design: Are we living in a 'man-made' world?"

## MEDIA COVERAGE

Wanderlust and stolen land: how to mindfully explore the American outdoors. *The Guardian*, by Amanda Machado. 09/18/2021. [[link](#)]

The State of Michigan Just Launched a Free Wi-Fi Hotspot Map. But How Do We Actually Get Internet to People? *The Gander*, by Martha Spall. 06/23/2020. [[link](#)]

This Pandemic is not your Vacation. *BuzzFeed News*, by Anne Helen Petersen. 03/31/2020. [[link](#)]

Making most out of Michigan. *The Mining Journal*, by Amy Clickner. 02/10/2020. [[link](#)]

U.P. economic leaders push for rural-focused state cabinet position. *WLUC, Upper Michigan's Source*. 01/30/2020. [[link](#)]

Rural America Doesn't Need to Be Saved. *Wisconsin Public Radio*, by Mary Kate McCoy. 01/16/2019. [[link](#)]

Customizing Community Libraries: Niles, Benzonia, other Michigan cities partnering with U-M's School of Information to engage residents in creative ways. *Michigan Impact*, by Kim North Shine. 2018. [[link](#)]

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## COURSES TAUGHT

### *Michigan State University*

MI 201: Introduction to Information Science	Summer '23, Fall '23, Spring '24
MI 450: Creating Human-Centered Technology	Fall '22
MI 844: Interaction Design	Spring '22-'24
MI 401: Rural Innovation & Computing	Spring '21, Spring '23
MI 491: User Experience, Design, & Identity	Fall '20, Spring '22

### *University of Michigan*

SI 110: Introduction to Information Studies	2014, 2015, 2016
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## INVITED TALKS

Participatory Design and Rural Queer Futures: Community, Visibility, and Lessons Learned in Five Years of the LGBTQ Futures Project. Information Science, University of Colorado, Boulder.	2022
Rural Tech Peripheries: Urban-Rural Economic Relations and the High-Tech Revitalization of the American Heartland. Information & Media PhD Speaker Series, Michigan State University.	2022
Crafting the Rural Entrepreneur: Transforming Rural Place through Cultural Assets. Invited speaker for HARVEST Network for Agricultural Research and Innovation Speaker Series at Virginia Tech.	2021
Rural Innovation Economies and a New Digital Divide. Invited panelist for Michigan Municipal League Policy Forum on Technology. Ann Arbor, MI.	2019

From Ethnography to Design: Understanding the role of technology in rural community. Social Sciences Dept. Brown Bag. Michigan Tech University.	2019
Rural Computing: From ethnography to design with rural LGBTQ communities. Applied Cognitive Science and Human Factors Seminar. Michigan Tech University.	2018

## GUEST COURSE LECTURES

### *Michigan State University*

Theories of Information Behavior, CAS 921	Winter 2024
Participant Observation & Ethnography, CAS 916	Winter 2024
Participatory Approaches in Information & Media Research, CAS 916	Winter 2022
Participatory Methodologies in Information & Media Research, CA 916	Winter 2021
Participatory Design and Queer Social Computing, CAS 916	Winter 2020

### *University of Michigan*

Queer Information Literacies, SI 710	Winter 2022
Participatory Methods in Information Research, SI 623	Winter 2021
Queer Social Computing Research using Participatory Methods, SI 710	Winter 2020
Location-Based Social Networks, SI 529	Winter 2017
Information Technology & Identity, SI 110	Fall 2016
Mobile Computing, SI 110	Winter 2015
Mobile & Ubiquitous Computing, SI 110	Fall 2014

## ACADEMIC SERVICE ACTIVITIES

### *Michigan State University*

Rural Computing Research Consortium (Director)	2021 – Present
Undergraduate Curriculum Committee	2020 – Present
Information Science Subcommittee, Lead	2021 – Present
Search Committee, Dean's Postdoctoral Fellowship Program in ComArtSci	2022 – 2023
Faculty Search Committee, Fixed-Term	2022 – 2023
Faculty Search Committee	2021 – 2022

### *University of Michigan*

UM Rural America Working Group – Co-convener	2019 – 2020
UM Queer Science & Technology Studies Reading Group – Co-convener	2015 – 2017
Graduate Employees Organization, Local 3550 – Steward	2014 – 2017
Doctoral Executive Committee, UMSI	2016 – 2017

### *Professional Organizations*

Gender & Sexuality Special Interest Group, Rural Sociological Society - Chair	2022 – Present
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### *Conferences*

Associate Chair – CSCW 2024	2024
Associate Chair, Critical Computing and Design Theory – DIS 2023	2023
Equity & Accessibility, Co-Chair – CSCW 2022	2021 – 2022
Associate Chair, Critical and Sustainable Computing – CHI 2022	2021 – 2022
Equity & Accessibility, Co-Chair – CSCW 2021	2020 – 2021
Diversity & Inclusion, Co-Chair – CSCW 2020	2019 – 2020
Reviewer – ACM CSCW	2016 – 2024

Reviewer – ACM CHI	2017 – 2024
Reviewer – ACM DIS	2018 – 2023
Student Volunteer – ACM CHI	2014, 2016 – 2019
Student Volunteer – ACM DIS	2019
Student Volunteer – ACM CSCW	2016
Student Volunteer – IEEE ICWSM	2014

### *Journals*

Ad-hoc Reviewer: Journal of Community Informatics (2024; Transactions on Computer-Human Interaction (2020-21, 2023); Computer Supported Cooperative Work (2023); Sociologia Ruralis (2023); Rural Sociology (2023); Information Technology for Development (2022); International Journal of Communication (2022); Journal of Computer-Mediated Communication (2022); New Media & Society (2019-20; 2024); First Monday (2019); Journal of Homosexuality (2019); Information, Communication & Society (2018)

### PUBLIC SPEAKING / SERVICE ACTIVITIES

Community-Based Design Methods. Human-Centered Design Speaker Series. State of Michigan Department of Technology, Management, and Budget. Lansing, MI.	2024
Considering Community Assets and Deficits in Rural Broadband Work. Michigan Broadband Summit. East Lansing, MI.	2023
Why is Diverse Online Presence So Important for Small-Town Business Owners? Keweenaw Chamber of Commerce Lunch & Learn. Houghton, MI.	2019
How to Apply to Grad School: A Very Gay 101. Northern Michigan University Coming Out Week. Marquette, MI	2017
Social Media 101: How-to & Why. Benzonia Public Library. Benzonia, MI	2017
Cruising the Archive: Leather sex, social networking, and community archives in the 21 <sup>st</sup> century. Leather Archives & Museum. Chicago, IL	2014

### MENTORING AND SUPERVISION

#### *Michigan State University*

##### Postdoc

Anne Jonas, Computing Innovation Research Fellow – Mentor	2021 – Present
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##### PhD

Ava Francesca Battocchio – Research Assistant, Doctoral Committee	2021 – Present
Caitlin Geier – Research Assistant, Doctoral Committee	2021 – Present
Samantha Hautea – Doctoral Committee Co-Chair	2022 – Present
Gisele Souza Neuls – Doctoral Committee	2023 – Present

##### Masters

Judy Rector – Master’s Committee Chair	2023 – Present
Joanna Chang – Master’s Thesis Committee	2023 – Present
Ka Yu Lau – Research Assistant, Master’s Committee Chair	2021 – 2023
Pooja Malvi – Master’s Project Committee	2022 – 2023
Angie Nam – Master’s Thesis Committee	2022 – 2023
Jhovonne Fernandez – Master’s Project Committee	2023
Joe Kubushesky – Master’s Project Committee	2023
Yifan Xiong – Master’s Committee Chair	2022 – 2023
Riley Doll – Research Assistant, Master’s Project Committee	2021



Undergraduate

Megan Gleason – Research Assistant	2022 – Present
Judy Rector – Research Assistant	2022 – 2023
Logan Patterson – Research Assistant	2022 – 2023

*University of Michigan*

Vidhya Aravind – Master’s Thesis Committee	2018 – 2019
Stefani Vargas – Research Assistant	2018
Syeda Zaynab Mahmood – Research Assistant	2017
Alice Schmitz – Research Assistant	2017

**MEMBERSHIPS**

American Sociological Association  
Association for Computing Machinery Special Interest Group on Computer Human Interaction  
Rural Sociological Society  
Society for the Social Studies of Science