Kathleen H. Pine
Curriculum Vitae

Assistant Professor
College of Health Solutions
Arizona State University
Suite 100 Herald Examiner Building
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EDUCATION

University of California, Irvine, Irvine, CA   September 2012
  Ph.D. Social Ecology with a concentration in Environmental
  Analysis and Design

The Ohio State University, Columbus, OH   December 2003
  B.A. Psychology (magna cum laude)
  Minor in Natural Resources Management

PROFESSIONAL EXPERIENCE

Assistant Professor, Arizona State University, College of Health   2016-present
  Solutions

Program Director, College of health Solutions, Arizona State   2021-present
  University, Los Angeles

Academic Coordinator, Salton Sea Initiative, University of   2015-2016
  California, Irvine

Assistant Project Scientist, University of California, Irvine   2014-2016
  Donald Bren School of Information and Computer
  Sciences, Department of Informatics

Postdoctoral Research Engineer, Intel Labs User Experience   2013-2014
  Research Group (UXR), Cultural Transformation Lab
  (CTL)

Postdoctoral Researcher, University of California, Irvine Intel   2012-2013
  Science and Technology Center for Social Computing
  Supervisors: Melissa Mazmanian and Paul Dourish

ADDITIONAL APPOINTMENTS

Research Collaborator, Mayo Clinic, Rochester, MN   2018-present

Collaborator, JusTech Lab, The Australian National University, 2020-present
Canberra, Australia

PUBLICATIONS

Research Impact Data (source: Google Scholar)

h-index	i10-index	h-index increase during current appointment
16	21	12

‡ Indicates publications in which candidate's mentored students are co-authors. Names with a double plus sign (++) show specific graduate scholars under mentorship.

Peer-Reviewed Journal Articles

J16. ‡ Kasey Boehmer, Kathleen H. Pine, Samantha Whitman++, Paige Organick, Anjali Thota, Nataly R. Espinoza Suarez, Christina M. LaVecchia, Alexander Lee, Emme Behnken, Bjorg Thorsteindottir, Aditya S. Pawar, Annika Beck, Elizabeth C. Lorenz, and Robert C. Albright. (2021). Do Patients with High Versus Low Illness Burden Have Different Needs? A Mixed-Methods Study of Patients Living on Dialysis. *PloS one, 16(12), e0260914.*

J15. Kathleen H. Pine, Lee Anne Landon, Claus Bossen, and M.E. VanGelder. (2021). Innovations in Clinical Documentation Integrity Practice: Continual Adaptation in a data-Intensive Healthcare Organisation. *Health Information Management Journal.* 18333583211067845. Published online ahead of print.

J14. ‡Whitman, S.A. ++, Pine, K.H., Thorsteindottir, B., Organick-Lee, P. Thota, A., Espinoza Suarez, N.R., Johnston, E.W., Boehmer, K.R. (Forthcoming 2021). Bodily Experiences of Illness and Treatment as Information Work: The Case of Chronic Kidney Disease. *Proceedings of ACM on Human-Computer Interaction* (CSCW).

J13. William J. Riley, Kailey Love, George Runger, Michael S. Shafer, Kathleen H. Pine, and Glen Mays. (2020). Practice Report: Framework for Multisector Research. *Journal of Public Health Management and Practice.* 27(5), E207-E209.

J12. Kathleen H. Pine and Claus Bossen. (2020). Good Organizational Reasons for Better Medical Records: The Data Work of Clinical Documentation Integrity Specialists. *Big Data & Society*, 7(2), 1-13.

J11. Kathleen H. Pine, Margaret M. Hinrichs, Jieshu Wang, Dana Lewis, and Erik Johnston. (2020). For impactful community engagement: check your role. *Communications of the ACM* 63(7), 26-28.

J10. Naja Holten Møller, Claus Bossen, Kathleen H. Pine, Trine Rask Nielsen, and Gina Neff. (2020). Who Does the Work of Data? *Interactions,* 27(3), 52-55.

J9.   Claus Bossen, Kathleen H. Pine, Frederico Cabitza, Gunnar Ellingsen, and Enrico M. Piras. (2019). Data Work in Healthcare: Introduction. *Health Informatics Journal*, 25(3), 465-474.

J8.   Claus Bossen, Yunan Chen, and Kathleen H. Pine. (2019). The Emergence of New Data Work Occupations in Healthcare: The Case of Medical Scribes. *International Journal of Medical Informatics*, 123, 76-83.

J7.   Kathleen H. Pine. (2019). The Qualculative Dimension of Healthcare Data Interoperability. *Health Informatics Journal*, 25(3), 536-548.

J6.   ‡Xinning Gui++, Yunan Chen, and Kathleen H. Pine. (2018). Navigating the Healthcare Service Black Box: Individual Competence and Fragmented System. *Proceedings of ACM on Human-Computer Interaction, 2* (CSCW), article 61.

J5.   ‡Yubo Kou, Xinning Gui++, Yu Chen, Kathleen H. Pine, and Yunan Chen. (2018). Conspiracy Talk on Social Media: Collective Sensemaking during a Public Health Crisis. *Proceedings of the ACM on Human-Computer Interaction, 1* (CSCW), article 61.

J4.   ‡Xinning Gui++, Yunan Chen, Yubo Kou, Kathleen H. Pine, & Yu Chen (2017). Investigating Support Seeking from Peers for Pregnancy in Online Health Communities. *Proceedings of the ACM on Human-Computer Interaction*, *1*(CSCW), article 50.

J3.   Kathleen H. Pine and Melissa Mazmanian. (2017). Artful and Contorted Coordinating: Ramifications of Imposing Formal Logics of Task Jurisdiction on Situated Practice. *Academy of Management Journal, 60*(2) 720-742.

J2.   Kathleen H. Pine, Rufus Edwards, Omar Masera, and Horacio Riojas-Rodríguez. (2012). Adoption and Use of Improved Biomass Stoves in Rural Mexico. *Energy for Sustainable Development, 15,* 176-183.

J1.   Shalini Misra, Daniel Stokols, Richard H. Harvey, Kathleen H. Pine, Juliana Fuqua, Said M. Shokair, and John M. Whiteley. (2009). Evaluating an Interdisciplinary Undergraduate Training Program in Health Promotion Research. *American Journal of Preventive Medicine, 36,* 358-365.

Peer-Reviewed Conference Proceedings

Conference Papers

C12. ‡Pine, K. H., Lee, M., Whitman, S. A. ++, Chen, Y., & Henne, K. (2021). Making Sense of Risk Information amidst Uncertainty: Individuals' Perceived Risks Associated with the COVID-19 Pandemic. In *Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems* (pp. 1-15). ***Winner, Honorable Mention for Best Paper at CHI 2021.**

C11. Kathleen H. Pine and Yunan Chen. (2020). Right Information, Right People, Right Time, Right Place: Physical Alignment and Misalignment in Healthcare Practice. *Proceedings of the Conference on Human Factors in Computing Systems 2020.*

C10. Claus Bossen, Yunan Chen, and Kathleen H. Pine. (2019). Information Infrastructures in Healthcare and Emergent Data Work Occupations: The Case of Medical Scribes and CDIS. In *Infrahealth, Proceedings of the 6th International Workshop on Infrastructures in Healthcare*.

C9. ‡Xinning Gui++, Yubo Kou, Kathleen H. Pine, Elisa Ladaw, Harold Kim, Eli Suzuki-Gill, and Yunan Chen. (2018). Multidimensional Risk Communication: Public Discourse on Risks during an Emerging Epidemic. *Proceedings of the Conference on Human Factors in Computing Systems 2018*. (Acceptance rate: 25%)

C8. Kathleen H. Pine. (2017). eScience Insights to Inform Infrastructure for Accountability of Healthcare*. In Infrahealth, Proceedings of the 6th International Workshop on Infrastructures in Healthcare*.

C7. ‡Xinning Gui++, Yubo Kou, Kathleen H. Pine, and Yunan Chen (2017). Managing Uncertainty: Using Social Media for Risk Assessment during a Public Health Crisis. *Proceedings of the Conference on Human Factors in Computing Systems 2017*. ***Winner, Honorable Mention for Best Paper at CHI 2017.** (Acceptance rate: 25%)

C7. ‡Kathleen H. Pine, Christine Wolf++, and Melissa Mazmanian (2016). The Work of Reuse: Birth Certificate Data and Healthcare Accountability Measurements. *Proceedings iConference 2016*. ***Winner, 2016 Lee Dirks Award for Best Paper**.

C6. Kathleen H. Pine and Max Liboiron. (2015). The Politics of Measurement and Action. *Proceedings of the ACM Conference on Human Factors in Computing Systems 2015*. ***Winner, Honorable Mention for Best Paper at CHI 2015.** (Acceptance rate: 25%)

C5. Kathleen H. Pine and Melissa Mazmanian. (2015). Emerging Insights on Building Infrastructure for Data-Driven Transparency and Accountability of Organizations. *Proceedings iConference 2015*.

C4. Yunan Chen and Kathleen H. Pine (2014). When Medical Expertise Meets Record Expertise: the Practices of Patient-Accessible Medical Records in China. *Proceedings of the Conference on Design of Cooperative Systems 2014*. *authors made equal contributions.

C3. Kathleen H. Pine and Melissa Mazmanian. (2014). Institutional Logics of the EMR and the Problem of 'Perfect' but Inaccurate Accounts. *Proceedings of Computer Supported Cooperative Work 2014*. (Acceptance rate: 27%)

C2. Sunyoung Park, Kathleen H. Pine, and Yunan Chen. (2013). Local- universality: Designing EMR to Support Localized Informal Documentation Practices. *Proceedings of Computer Supported Cooperative Work 2013.* (Acceptance rate: 36%)

C1. Kathleen H. Pine. (2012). Fragmentation & Choreography: Caring for a Patient and a Chart during Childbirth. *Proceedings of Computer Supported Cooperative Work 2012*, 887-896. (Acceptance rate: 28%)

Extended Abstracts (Includes Archived Workshops, Panels, and Workshop papers)

EA5. Kathleen H. Pine and Claus Bossen. (2021). Human-AI Collaboration "In the Wild": The Case of Clinical Documentation Integrity Specialists. In ACM CHI 2021 Workshop on Realizing AI in Healthcare: Challenges Appearing in the Wild.

EA4. Joao Cunha, Melissa Mazmanian, Stella Pachidi, Kathleen Pine, and Lauren Waardenburg. (2019). Algorithms at Work: Tales from the Field of Artificial Intelligence. In *Academy of Management Proceedings*, vol. 2019, no. 1, p. 16702. Briarcliff Manor, NY 10510: Academy of Management, 2019.

EA3. Enrico Maria Piras, Federico Cabitza, Gunnar Ellingsen, Claus Bossen, and Kathleen H. Pine (2016). Exploring Data-Work in Healthcare: Making Sense of Data across Boundaries. *Proceedings of the Conference on Design of Cooperative Systems 2016*.

EA2. Caitlin Lustig, Kathleen H. Pine, Bonnie Nardi, Lilly Irani, Min Kyung Lee, Dawn Nafus, and Christian Sandvig (2016). Algorithmic Authority: The Ethics, Politics, and Economics of Algorithms that Interpret, Decide, and Manage. *Proceedings of the ACM Conference on Human Factors in Computing Systems 2016*.

EA1. Claus Bossen, Kathleen H. Pine, Gunnar Ellingsen, and Frederico Cabitza (2016). Data-work in Healthcare: The New Work Ecologies of Healthcare Infrastructures. *Proceedings of Computer Supported Cooperative Work 2016*.

Book Chapters

BC1. Kathleen H. Pine and Christine Morton. (2021). Sustainable Metrics: Using Measurement Based Quality Improvement to Improve Practice while Avoiding Frustration and Pitfalls. Chapter in *Sustainable Birth*, eds. Kim Gutschow & Robbie Davis-Floyd, Springer.

Technical & White Papers

T4. Leysia Palen et. al. (2020). Crisis Informatics: Human-Centered Research on Tech & Crises. (Available at https://hal.archives-ouvertes.fr/hal-02781763/document). *Annotated bibliography of crisis informatics research for researchers, policy makers, and laypersons.*

T3. Kathleen H. Pine, Kailey Love, & William Riley. (2018). Strategies for Stabilizing and Strengthening the Individual Insurance Market: State of Arizona. Technical report prepared for USC-Brookings Schaffer Center for Health Policy*.*

Content from this technical report was included in 'Stabilizing and Strengthening the Individual Health Insurance Market: A View from Ten States,' a USC-Brookings Schaffer Center for Health Policy White Paper by Mark Hall (available

at https://www.brookings.edu/research/stabilizing-and-strengthening-the-individual-health-insurance-market/).

T2.   Kathleen H. Pine. (2016). Data Sharing in Health Research: Focus on Pharmaceutical Science and Drug Discovery. Technical Report prepared for Intel Health.

T1.   Christine H. Morton, Kathleen H. Pine, Jessica Turon, and Eliott K. Main (2016). Lessons from the Initiative to Reduce Early Elective Deliveries in California and the United States. A California Maternal Quality Care Collaborative White Paper. November, 2016. Palo Alto, CA: CMQCC. (Available at www.cmqcc.org)

GRANTS

Funded Projects as PI or Multiple PIs

Funding Agency: Private Donor (administered through Arizona State University Knowledge Enterprise).
Dates: November 2021-September 2022
Role: Lopez (PI) Pine (Co-PI)
Title: From research to impact: Communicating Culturally-Tailored COVID-19 Risk Management Information to Latinx Arizonans Informed by Mixed Methods Research.
Amount: $105,000

Funding Agency: Mayo Clinic (Rochester)
Dates: 2021
Role: Pine (ASU PI)
Title: Beta-lactam individualization for critically ill patients
Amount: $14,983

Funding Agency: Mayo Clinic (Rochester)
Dates: 2020
Role: Pine (PI)
Title: KERN Fellowship Evaluation
Amount: $5,995

Funding Agency: ASU Knowledge Exchange for Resilience Academic Partner Fellowship
Dates: 2020
Role: Pine (PI)
Title: Towards a Resilient Behavioral Health Care System: Mapping Institutional Barriers to Coordination
Amount: $15,000

Funding Agency: ASU-Mayo Collaborative Seed Grant Program, ID: FP00012777
Dates: 2017-2019
Role: Pine (ASU PI) & Montori (Mayo PI)

Title: Patient-Centered Exploration and Innovation to Understand and Ease the Burden of Dialysis Treatment.
Amount: $50,000

Funding Agency: NSF/HCC (1319897)
Dates: 2013-2016
Role: Pine (co-PI and Lead Researcher) and Mazmanian (PI)
Title: HCC Small: Creating a Data-Driven World: Situated Practices of Collecting, Curating, Manipulating, and Deploying Data in Healthcare.
Amount: $500,000

Funding Agency: AHRQ/Dissertation Fellowship Grant (1R36HS020753-01)
Dates: 2011-2012
Role: Pine (PI)
Title: Implementation of Electronic Medical Records for Documentation: Implications for Efficiency and Safety of Workflow in Labor & Delivery.
Amount: $40,000

Funded Projects as Co-Investigator

Agency: Arizona Health Care Cost Containment System (AHCCCS)
Dates: 2019-2022
Role: Riley (PI), Runger (co-PI), Pine (co-I), & McCullough (co-I)
Title: Learning Collaborative for Adult and Pediatric Behavioral Health and Physical Health
Amount: $2,036,986

Agency: Robert Wood Johnson Foundation
Dates: 2018-2020
Role: Riley (PI), Runger (co-PI), Shafer (co-PI), & Pine (co-I)
Title: Exploring Mechanisms to Facilitate Goal Alignment and Goal Attainment Among Multisector Stakeholders
Amount: $964,667

Funding Agency: Styrelsen for Forskning og Innovation/International research planning grant
Dates: 2017-2018
Role: Bossen (PI), Danholt (co-I), Chen (co-I), & Pine (co-I)
Title: Data-driven quality improvement and management in healthcare
Amount: $41,121

HONORS AND AWARDS

– Honorable Mention (runner-up for Best Paper, top 5% of all papers), ACM Conference on Human Factors in Computing Systems (2021)
– Best Presentation Award, Davis Conference on Qualitative Research (2018)

- Team Leadership Academy, Selected Participant, Arizona State University (2017-2018)
- Honorable Mention (runner-up for Best Paper, top 5% of all papers), ACM Conference on Human Factors in Computing Systems (2017)
- Lee Dirks Award for Best Paper, iConference (2016), $5,000
- Honorable Mention (runner-up for Best Paper, top 5% of all papers), ACM Conference on Human Factors in Computing Systems (2015)
- Graduate Student Fellow, Center for Organizational Research, University of California, Irvine (2012), $1,000
- Dean's Dissertation Writing Fellowship, University of California, Irvine (2011), $8,000
- Public Impact Award, University of California, Irvine, Graduate Division (2011), $10,000
- Dean's Dissertation Data Gathering Fellowship, University of California, Irvine (2010), $8,000
- Graduate Student Fellow, Center for Organizational Research, University of California, Irvine (2009), $750
- Graduate Student Outstanding Mentor Award, School of Social Ecology, University of California, Irvine (2006)

CONFERENCE PRESENTATIONS

International

Kathleen H. Pine & Melissa Mazmanian. "Feeding the Machine out of Thin Air: Data Crafting in the 'Data-Driven' Organization." 12th International Process Symposium. Rhodes, Greece, September 2021. [Held virtually due to COVID-19].

Kathleen H. Pine, Myeong Lee, Yunan Chen, & Kathryn Henne. "Making Sense of Risk Information amidst Uncertainty: Individuals' Perceived Risks Associated with the COVID-19 Pandemic." Conference on Human Factors in Computing Systems, Yokahama, Japan, May 2021 [held virtually due to COVID-19].

Kasey Boehmer, Victor Montori, Kathleen H. Pine, Anjali Thota, Samantha Whitman, Aditya Pawar, Nataly Espinoza, and Bjorg Thorsteindottir. "Do Patients with High Versus Low Treatment Burden have Different Needs? A Mixed Methods Study of Patients on Dialysis." North American Primary Care Research Group (NAPCRG) Annual Conference. Toronto, Canada, November 2019.

Kathleen H. Pine. "eScience Insights to Inform Infrastructure for Accountability of Healthcare." 6th International workshop on Infrastructures in Healthcare. Aarhus, Denmark, June 2017.

Kathleen H. Pine. "Physician Attribution of Low-Risk Cesarean Sections. Connections in Action: Keeping Track of Large Social Phenomena using Relational and 'Micro-sociological' approaches." Warwick University, Coventry, UK, December 2016.

Kathleen H. Pine. "Physician Attribution of Low-Risk Cesarean Sections." 4S/EASST, Barcelona, Spain, September, 2016.

Kathleen H. Pine. "Data-driven Accountability Measurement in Hospitals: Attributing Low-Risk Cesarean Sections." Presented at the 'Ethnography of the Future' Workshop. Academy of Management Annual Meeting, Vancouver, BC August 2015.

Kathleen H. Pine and Max Liboiron. "The Politics of Measurement and Action." ACM Conference on Human Factors in Computing Systems, Seoul, South Korea, May 2015.

Yunan Chen and Kathleen H. Pine. "When medical Expertise Meets Record Expertise: the Practices of Patient-Accessible Medical Records in China." Conference on Design of Cooperative Systems, Nice, France, May 2014.

Kathleen H. Pine. "The Choreography of Organizational Routines: Exploring Physical and Temporal Dimensions of Labor & Delivery Nursing Work." European Group for Organizational Studies Annual Meeting 2013, Montreal, Canada, June 2013.

Kathleen H. Pine. "Infrastructure and Action: Making Do in the Shifting Material Ecology of a Hospital." Society for Social Studies of Science annual conference, Copenhagen, Denmark, October 2012.

Kathleen H. Pine. "Birth Re-Written as an Organizational Event: Nursing Routines for Documentation." The 5th International Normal Labour and Birth Research Conference. Vancouver, British Columbia, July 2010.

National

‡Samantha A. Whitman++, Kathleen H. Pine, Bjorg Thorsteindottir, Paige Organick-Lee, Anjali Thota, Nataly R. Espinoza Suarez, Erik W. Johnston, and Kasey R. Boehmer. "Bodily Experiences of Illness and Treatment as Information Work: The Case of Chronic Kidney Disease." ACM Conference on Computer-Supported Cooperative Work and Social Computing, Online, October 2021.

‡Nandini Sharma++, Amanda Straus++, Gilberto Lopez, Kathleen H. Pine, and Heather Mattie. "COVID-19, Rurality, and Perceptions of Risk and Prevention Among LatinX in California and Arizona." American Public Health Association Annual Meeting, Online, October 2021. (poster presentation).

Kathleen H. Pine and Yunan Chen. "Right Information, Right People, Right Time, Right Place: Physical Alignment and Misalignment in Healthcare Practice." Conference on Human Factors in Computing Systems, Honolulu, HI, May 2020. [CANCELED due to COVID-19]

Heather Ross, Dawn Augusta, Sarah Curran, Ari Peress, Kathleen H. Pine, and Melissa Meyer. "Navigating Maricopa county's Mental Health System." Winter Institute for Public Safety & Behavioral Health, Scottsdale, AZ, February 2020.

Samantha Whitman, Kathleen H. Pine, Kasey Boehmer, Nataly Espinoza, Paige Organick, Anjai Thota, Bjoerg Thorsetindottir, and Victor Montori. "Enacting

Treatment: The Case of Chronic Kidney Disease and Dialysis." 4S, New Orleans, LA, September 2019.

Kathleen H. Pine and Melissa Mazmanian. "Organizing for Data: Crafting Data Elements in the 'Data-Driven' Hospital." 4S, New Orleans, LA, September 2019.

Kathleen H. Pine and Melissa Mazmanian. "Data, Algorithms, and Scale: The Case of Healthcare Quality Measurement." Academy of Management Annual Meeting, Boston, MA, August 2019.

Kathleen H. Pine, Margaret Hinrichs, Michael Shafer, George Runger, and William Riley. "Collaborative Data Design: A Tool for Multisector Alignment." Kathleen H. Pine. Lansing, Michigan, April 2019.

Kathleen H. Pine and Melissa Mazmanian. "Painting a False Picture in High Definition: Attributing Cesarean Sections to Individual Clinicians." IFIP WG 8.2 Working Conference on Information Systems and Organizations, Information Systems & Organizations Conference, San Francisco, California, December 2018.

Xinning Gui, Yunan Chen, and Kathleen H. Pine. "Navigating the Healthcare Service "Black Box": Individual Competence and Fragmented Systems." Conference on Computer Supported Cooperative Work, Jersey City, New Jersey, November 2018.

Xinning Gui, Yubo Kou, Kathleen H. Pine, Elisa Ladaw, Harold Kim, Eli Suzuki-Gill, and Yunan Chen. "Multidimensional Risk Communication: Public Discourse on Risks during an Emerging Epidemic." Conference on Computer Supported Cooperative Work, Jersey City, New Jersey, November 2018.

Xinning Gui, Yubo Kou, Yu Chen, Yunan Chen, and Kathleen H. Pine. "Investigating Support Seeking from Peers for Pregnancy in Online Health Communities." Conference on Computer Supported Cooperative Work, Jersey City, New Jersey, November 2018.

Kathleen H. Pine and Melissa Mazmanian. "The Performance of Quality in Healthcare Organizations." Academy of Management Annual Meeting, Chicago, IL, August 2018.

Kathleen H. Pine and Melissa Mazmanian. "Constructing and Governing 'Quality' Healthcare." 4S, Boston, MA, September 2017.

Xinning Gui, Yubo Kou, Kathleen H. Pine, and Yunan Chen. "Managing Uncertainty: Using Social Media for Risk Assessment during a Public Health Crisis." Conference on Human Factors in Computing Systems, Denver, CO, May 2017.

Kathleen H. Pine, Victoria Lowersen, and John Dobbins. "Managing and Co- creating Risk in Planning and Implementing the Mitigation and Adaptation of the Salton Sea: Public Health, Ecology, and Politics." Society for Applied Anthropology, Santa Fe, New Mexico, March 2017.

Kathleen H. Pine, Christine Wolf, and Melissa Mazmanian. "The Work of Reuse: Birth Certificate Data and Healthcare Accountability Measurements." iConference, Philadelphia, PA, March 2016.

Kathleen H. Pine and Melissa Mazmanian. "Emerging Insights on Building Infrastructure for Data-Driven Transparency and Accountability of Organizations." iConference, Newport Beach, CA, March 2015.

Arden Stern and Kathleen H. Pine. "Co-Creating Methods and Practices: Understanding Collaborations between Ethnographers and Designers in Academic Social Impact Projects." AIGA Design Educators Conference, Portland, OR, September 2014.

Kathleen H. Pine and Christine Morton. "Understanding the Landscape of Maternal Quality Measures through a Case Study of Early Elective Deliveries, a U.S. Perinatal Core Measure." American Sociological Association Annual Meeting, San Francisco, CA, August 2014.

Kathleen H. Pine and Melissa Mazmanian. "Micro Practices of Negotiating Task Jurisdiction and the Effects of Imposing a Formal Logic of Action on Situated Practice." Academy of Management Annual Meeting, Philadelphia, PA, August 2014.

Kathleen H. Pine and Melissa Mazmanian. "Institutional Logics of the EMR and the Problem of 'Perfect' but Inaccurate Accounts." Conference on Computer Supported Cooperative Work and Social Computing, Baltimore, MD March 2014.

Sunyoung Park, Kathleen H. Pine, and Yunan Chen. "Local- universality: Designing EMR to Support Localized Informal Documentation Practices." Conference on Computer Supported Cooperative Work and Social Computing, San Antonio, TX February 2013.

Kathleen H. Pine and Martha Feldman. "Producing Stability by Protecting Chaos." Academy of Management Annual Meeting, Boston MA, August 2012.

Kathleen H. Pine. "Fragmentation & Choreography: Caring for a Patient and a Chart during Childbirth." Conference on Computer Supported Cooperative Work and Social Computing, Seattle, WA, February 2012.

Kathleen H. Pine. "Quality Improvement in Practice: Difficulties in Implementing Effective Electronic Documentation Work Systems." American Public Health Association, Washington DC, November 2011.

Kathleen H. Pine. "Delivering Care: Organizational Routines for Childbirth in the Hospital Setting." Bringing the Body Back In: Toward a Corporeal Social Science. Tucson, AZ, April 2009.

INVITED KEYNOTE PRESENTATIONS

The Construction and Governance of Healthcare Quality. Keynote Talk at the Conference on Datafication of Healthcare, Aarhus, Denmark, 2018

INVITED PRESENTATIONS

International

Invited Talk, "Researching Data Work Using Ethnographic Methods." Video Lecture for SAGE Research Methods Video: Data Science, Big Data Analytics & Digital Methods. November 2021.

Invited Talk, "Navigation Practices in times of Extended Crisis: Preliminary Findings from a Comparative Study." The Australian National University School of Regulation and Global Governance, Canberra, Australia (virtual), September 2020.

Invited Talk, Organizing for Data: Crafting Data Elements in the 'Data-Driven' Hospital. University of Copenhagen Department of Public Health, Denmark, March 2019.

Invited Talk, "Creating the Data-Driven World: An Ethnographic Study of Maternal/Child Health Performance Measurement." Workshop on Healthcare Data Work, Copenhagen, Denmark, May 2016.

Invited Talk, "The Politics of Measurement and Action." The IT University of Copenhagen, Technologies in Practice Group, April 2015.

Invited Talk, "Complex Encounters: Organizational Ethnography and Corporate Research." The IT University of Copenhagen, Technologies in Practice Group, April 2015.

National/Local

Invited Talk, "Legal and Ethical Issues of AI in Healthcare." Video Lecture for the University of California Executive AI program, August 2021.

Invited Talk, "The Importance of Data." Video Lecture for the University of California Executive AI program, August 2021.

Invited Talk, "Good Organizational Reasons for Better Medical Records: Emerging and Shifting Practices of Healthcare Data Work." University of California, Irvine Nursing Science Seminar (virtual). March, 2021.

Invited Talk, "Good Organizational Reasons for Better Medical Records: The Data Work of Clinical Documentation Integrity Specialists." LaborTech Research Network, Virtual, February 2021.

Invited Talk, "Patient-Centered Exploration and Innovation to Understand and Ease the Burden of Dialysis." Knowledge Enterprise Research Unit, Mayo Clinic Rochester, January 2018.

Invited Talk, Kathleen H. Pine and Melissa Mazmanian. Constructing and Governing 'Quality' Healthcare. Davis Conference on Qualitative Research (Invitation-only, funded conference talk), UC Davis, March 2018.

Invited Talk, "Birth Certificate Data and Healthcare Accountability Measurements." Workshop on Datafication of Healthcare: Transforming Practices, Roles, and Knowledge, University of California, Irvine, August 2017.

Invited Talk, "Creating the Data-Driven World: An Ethnographic Study of Maternal/Child Health Performance Measurement." Nursing Science Forum, University of California, Irvine, April 2016.

Invited Talk, "Creating the Data-Driven World: Measurement, Work, and Accountability in the Digital Age." Art Center School for Design, April 2015.

Invited Talk, "Performativity of Measurement in Hospital Work." Intel Science & Technology Center for Social Computing All Hands Meeting, Georgia Institute of Technology, May 2014.

Invited Talk, "Electronic Health Records and Professional Task Jurisdiction." Department of Human Centered Design and Engineering Colloquium, University of Washington, April 2014.

Invited Talk, "Creating the 'Data-Driven' World: Micro-foundations of Quality Measures in Healthcare." Intel Science and Technology Center for Pervasive Computing Research Colloquium, University of Washington, April 2014.

Invited Talk, "Childbirth Re-written as an Organizational Event: The Impact of Accountability Artifacts on Coordination of Work in a Labor & Delivery Unit." Intel Labs, April 2013.

Invited Talk, "Patient-Carried Records: A Practice Perspective." Workshop on the Personal Health Portfolio, New York University, February 2013.

ADDITIONAL INVITED ENGAGEMENTS

Invited Faculty Mentor, Navigating Qualitative Dissertations. Academy of Management Annual Meeting, (virtual), August 2021.

Invited Faculty Mentor, Navigating Qualitative Dissertations. Academy of Management Annual Meeting, Vancouver, BC (virtual), August 2020.

Invited Faculty Mentor, Navigating Qualitative Dissertations. Academy of Management Annual Meeting, New Orleans, LA, August 2019.

Invited Workshop, OCIS: PDW: Work in the Age of Intelligent Machines: Towards Disciplinary Convergence. Academy of Management Annual Meeting, Chicago, IL, August 2018.

Invited Workshop, Opening Pathways. Washington DC, May 2018.

Invited Workshop, International workshop on Next Generation of Electronic Health Records. Copenhagen, Denmark, March 2018.

Invited Local Talk, "Constructing a Sustainable Interdisciplinary Identity in Academia." School for the Future of Innovation in Society Brown Bag Series, Arizona State University, January 2018.

Invited Local Talk, "Artful and contorted coordinating: Ramifications of imposing formal logics of task jurisdiction on situated practice." Department of Human Centered Engineering Research Colloquium, Arizona State University, March 2017.

Invited Local Talk, "Creating the Data-Driven World: An Ethnographic Study of Quality Measurement in Obstetrical Care." School of Nutrition and Health Promotion colloquium series, Arizona State University, January 2017.

Invited Workshop, AI Now Symposium on the Social and Economic Impact of Artificial Intelligence Technologies. (Closed-door symposium for 100 leading experts to look at AI's implications. Held by AI Now in collaboration with the Obama White House Office of Science and Technology, the National Economic Council, and the Information Law Institute at NYU). New York, New York, July 2016.

Invited Local Talk, "Materialities of Information in Childbirth." Materialities of Information Symposium, University of California, Irvine, December 2013.

Invited Local Talk, "Childbirth Re-written as an Organizational Event: The Impact of Accountability Artifacts on Coordination of Routines in a Labor & Delivery Unit" Department of Informatics Seminar Series, University of California, Irvine, September 2012.

Invited Local Talk, "Organizational Routines for Childbirth." University of California, Irvine Nursing Research Forum, December 2009.

Invited Local Talk, "Adoption of Safe and Effective Birthing Practices." Public Problems, Public Potential. Costa Mesa, CA, October 2009.

ORGANIZATION OF WORKSHOPS, SYMPOSIA, and PANELS

Panel, "Social Constructions of Data and the Implications of Data Representation." Ingrid Erickson & Kathleen H. Pine. Panel organized and held at 4S 2019, New Orleans, LA, September 5th 2019.

Panel, "Care that Fits: Kidney Disease Patient Cases." Bjorg Thorsteindottir, Elizabeth Lorenz, Robert Albright, Kathleen H. Pine, and Samantha Whitman. Panel organized and held at Minimally Disruptive Medicine, Rochester, Minnesota, October 3rd 2018.

Workshop, "Data-work in Healthcare: Challenges for Patients, Clinicians, and Administrators." Kathleen H. Pine, Claus Bossen, Gunnar Ellingsen, Maria Grisot, Naja Holten-Moller, Yunan Chen, and Melissa Mazmanian. Workshop organized and held at Computer Supported Cooperative Work, Jersey City, New Jersey, November 3rd 2018.

Workshop, "Datafication of Healthcare: Transforming Practices, Roles, and Knowledge." Yunan Chen, Kai Zheng, Claus Bossen, Kathleen H. Pine. Workshop organized and held at the University of California, Irvine August 9th, 2017.

Workshop, "Data-work in Healthcare: The New Work Ecologies of Healthcare Infrastructures." Claus Bossen, Kathleen H. Pine, Gunnar Ellingsen, and Frederico Cabitza. Workshop organized and held at Computer Supported Cooperative Work, San Francisco, California, February 27th, 2016.

Panel, "Algorithmic Authority: The Ethics, Politics, and Economics of Algorithms that Interpret, Decide, and Manage." Caitlin Lustig, Kathleen H. Pine, Bonnie Nardi, Lilly Irani, Min Kyung Lee, Dawn Nafus, and Christian Sandvig. Panel organized and held at the ACM Conference on Human Factors in Computing Systems, San Jose, CA, May 7th, 2016.

Panel, "Quantified Society." Panel organized and led at the 2014 Intel Science and Technology Center for Social Computing All Hands Meeting, Georgia Institute of Technology, May 21st, 2014.

Research Symposium, "Research Symposium: New Forms of Data Work." Symposium of academic and industry research organized and led at Intel Labs Hillsboro, March 10th, 2014.

Panel, "Materialities of Information in Healthcare." Panel Organized and led at the Materialities of Information Symposium at University of California, Irvine, December 13th, 2013.

Workshop, "Advancing Ethnography in Healthcare Environments." Organized and led along with Brigitte Jordan and Christine Morton, Stanford University, April 22nd 2013.

Workshop, "Values in Design for Collaborative Systems." Organized along with Matthew Bietz and Cory Knobel. Conference on Collaboration Systems and Technologies, San Diego, CA. May 20th, 2013.

TEACHING

Courses Taught

Yr., Sem., Univ.	Course Name	Level	Format
2021, AU, ASU	Health Informatics for Future Healthcare Professionals	Graduate	Online
2021, AU, ASU	Health Informatics for Future Healthcare Professionals	Graduate	Online
2021, SP, ASU	Fundamentals of Health Informatics	Master's	Online (due to COVID)
2020, AU, ASU	Fundamentals of Health Informatics	Graduate	Online
2020, SP, ASU	HCI in Biomedicine	Graduate	Online
2020, SP, ASU	Healthcare Management	Undergrad	Online
2020, SP, ASU	Fundamentals of Health Informatics	Master's	On-ground
2019, AU, ASU	Fundamentals of Health Informatics	Master's	Online
2019, SP, ASU	Health Care Management	Undergrad	Online
2018 AU ASU	Fundamentals of Health Informatics	Master's	Online
2018 AU, ASU	Fundamentals of Health Informatics	Master's	On-ground
2018 SP, ASU	Adv. Concepts in Healthcare Delivery	Undergrad	On-ground
2018 SP, ASU	Healthcare Management	Undergrad	Online

2017 AU, ASU	Fundamentals of Health Informatics	Master's	On-ground
2017 SP, ASU	Adv. Concepts in Healthcare Delivery	Undergrad	On-ground
2017 SP, ASU	Health Care Management	Undergrad	On-ground
2016 SP, UCI	CSCW	Undergrad	On-ground
2015 SP, UCI	CSCW	Undergrad	On-ground
2015 SP, UCI	Doing Research in the Community	Undergrad	On-ground
2014 WI, UCI	Project in Health Informatics	Undergrad	On-ground
2014 AU, UCI	Medical Informatics	Undergrad	On-ground
2011 SP, UCI	Environmental Analysis & Design	Undergrad	On-ground
2010 SU, UCI	Environmental Analysis & Design	Undergrad	On-ground
2010 WI, UCI	Environmental Analysis & Design	Undergrad	On-ground

MENTORSHIP

Current Students

Doctoral Students
- **Samantha Whitman**, doctoral student (Arizona State University) Role: Doctoral Committee Chair
- **Pooja Chitre,** doctoral student (Arizona State University) Role: Doctoral Committee Chair

Master's Students
- **Diana Baca** (Arizona State University) Role: Capstone Advisor
- **Genessis Enriquez** (Arizona State University) Role: Capstone Advisor
- **Saigayatri Darira** (Arizona State University) Role: Capstone Advisor
- **Emily Kruger** (Arizona State University) Role: Capstone Advisor

Undergraduate Students
- **Renuka Vemuri** (Arizona State University) Role: Barrett Honor's Thesis Committee
- **Diana Stabile** (Arizona State University) Role: Barrett Honor's Thesis Committee
- **Lindsay Pacheco** (Arizona State University) Role: Barrett Honor's Thesis Committee

Past Students

Past Undergraduate Students
- **Margaret Wong** (Arizona State University) Role: Barrett Honor's Thesis Committee

- **Brady Biederback** (Arizona State University) Role: supervisor on multiple research projects
- **Ariana Felkey (**B.S. Arizona State University) Role: Supervisor on multiple research projects
- **Rachel Tomlinson** (B.S. Arizona State University) Role: Primary advisor, undergraduate honors thesis
- **John Dobbins (**B.S. Arizona State University) Role: Supervisor, risk discourse related to the Salton Sea research project
- **Crystal Oh (**B.S. University of California, Irvine) Role: Supervisor, maternal healthcare quality project
- **Anthony Wovenu (**B.S. University of California, Irvine) Role: Supervisor, patient work research project
- **Ryan Assaf (**B.S. University of California, Irvine) Role: Supervisor, patient work research project
- **Kyla Lamontagne (**B.S. University of California, Irvine)
- **A Marie Gilbert** (B.S. University of California, Irvine)
- **Kathleen Enverga (**B.S. University of California, Irvine)

Past Master's Students
- **Kyle Goble** (Arizona State University) Role: Capstone Co-Advisor
- **Toluwa Omule** (Arizona State University) Role: Capstone Co-Advisor
- **Nicolas Semenchuk** (Arizona State University) Role: Capstone Co-Advisor
- **Pooja Paode** (Arizona State University) Role: Capstone Co-Advisor
- **Asha Devineni** (Arizona State University) Role: Capstone Co-Advisor
- **Mary Saxon** (Arizona State University) Role: Supervisor on multiple projects
- **Marlene Villacis** (Arizona State University) Role: Capstone Advisor
- **Nina Patel** (Arizona State University) Role: Capstone Advisor
- **Sepehr Abdi-Moradi** (Arizona State University) Role: Capstone Advisor
- **Samantha Whitman** (M.S. Arizona State University) Role: Capstone Advisor
- **Kimberly Dang** (M.S. Arizona State University) Role: Capstone Advisor
- **Nancy Soporito** (M.S. Arizona State University) Role: Capstone Advisor
- **Keren Manzano** (M.S. Arizona State University) Role: Capstone Advisor
- **Tenoria Mighal** (M.S. Arizona State University) Role: Capstone Advisor
- **Jeannel Miclat** (M.S. Arizona State University) Role: Capstone Advisor
- **Amanda Straus** (Arizona State University) Role: Capstone Advisor
- **Nandini Sharma** (Arizona State University) Role: Capstone Advisor
- **Prakriti Shukla** (Arziona State University) Role: Thesis Advisor

Past Ph.D. Students
- **Ashley Walker** (Ph.D. Northwestern University) Role: Doctoral committee member
- **Xinning Gui** (Ph.D. University of California, Irvine) Role: Doctoral committee member

– **Christine Wolf** (Ph.D. University of California, Irvine) Role: Supervisor, Creating the Data Driven World research project

PROFESSIONAL SERVICE
College Level

At Arizona State University
– Executive Visioning Committee, College of Health Solutions (2021-present)
– Faculty Search Committee, Science of health Care Delivery (2021-present)
– Strategic Planning Committee, Science of Health Care Delivery (2020-present)
– Admissions Committee, Science of Health Care Delivery (2020-present)
– Undergraduate Curriculum Committee, Science of Health Care Delivery Program (2017-present)
– Faculty Search Committee, Biomedical Informatics (2019-2020)
– Faculty Search Committee, Population Health (2018-2019)
– Co-Lead, Population Health Translational Team, College of Health Solutions (2018-present)
– Annual Faculty Review Committee, College of Health Solutions (2019-2021)
– Ad-Hoc Committee on Annual Faculty Evaluations, College of Health Solutions (2019-2020)
– Graduate Curriculum Committee, Science of Health Care Delivery Program (2018-2019)
– Qualitative Research Workshop, fall 2017

At University of California, Irvine
– Organizer**,** Intel Science & Technology Center for Social Computing monthly seminar series, University of California, Irvine (2013-2014)
– Coordinator**,** Center for Organizational Research, University of California, Irvine (2011-2012)

University Level
– Senior Sustainability Scientist, Julie Ann Wrigley Global Institute of Sustainability (2017-present)
– Global Security Initiative (GSI) Center for Human, Artificial Intelligence, and Robot Teaming (CHART) faculty affiliate (2017-present)
– Team Leadership Academy, Health in the Social Sciences (2017-2018)
– Leadership Committee, Center for Smart Cities and Regions (formerly Center for Policy Informatics) (2016-present)
– Review Committee, ASU/Mayo Seed Grant Program (2017-2018)

National Level
– Discussion Series Coordinator, LaborTech Research Network
– Reviewer, National Science Foundation Smart and Connected Health
– Leadership conference, Consortium for the Science of Sociotechnical Systems (2017)

International Level

- ACM Conference on Supporting Groupwork (GROUP) – Program Committee (2014, 2016, 2021)
- European Conference on Computer Supported Cooperative Work – Program Committee (2015, 2017, 2018, 2019)
- ACM Conference on Human Factors in Computing Systems (CHI) – Associate Chair (2015, 2018, 2020)
- ACM Conference on Designing Interactive Systems (DIS) – Associate Chair (2014)
- IFIP WG 8.2 – Program Committee (2018)
- International Conference on Infrastructures in Healthcare (InfraHEALTH)— Program Committee (2021, 2019, 2017)

Reviewer for Journals and Conference Proceedings
- Social Science and Medicine
- Health Informatics Journal
- International Journal of Medical Informatics
- Management Information Systems Quarterly
- Organization Science
- Information Systems Research
- AMIA
- Journal of Computer Supported Cooperative Work
- ACM conference on Computer Supported Cooperative Work (CSCW)
- ACM Conference on Human Factors in Computing Systems (CHI)
- ACM Conference on Designing Interactive Systems (DIS)
- Conference on Design of Cooperative Systems (COOP)
- iConference

Editorial Work
- Editorial Board, European Conference on Computer Supported Cooperative Work (ECSCW)
- Co-Editor, Health Informatics Journal Special Issue on Data Work in Healthcare (published 2019)

SCHOLARLY SERVICE OUTSIDE OF ACADEMIA

Public Science Service
- Committee Member, Salton Sea Management Program Advisory Committee on Public Outreach, California Natural Resources Agency (2015-2018)

PROFESSIONAL AFFILIATIONS

Academy of Management
Association for Computing Machinery
Society for Social Studies of Science