Kathleen H. Pine
Curriculum Vitae

Associate Professor
College of Health Solutions
1111 S Broadway
Los Angeles, CA 90015
khpine@asu.edu
www.kpine.net

EDUCATION

University of California, Irvine, Irvine, CA 2012
　　Ph.D. Social Ecology with a concentration in Environmental
　　Analysis and Design (Chair: Martha Feldman)

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

HONORS AND AWARDS

− Research Collaborator of the Year Award, Master's of Science in Health Care Delivery 2023 Cohort (2023)
− Honorable Mention for Best Paper Award, ACM CHI (2021)
− Resilience Fellowship Achievement Award, ASU Knowledge Exchange for Resilience (2020)
− Best Presentation Award, Davis Conference on Qualitative Research (2018)
− Team Leadership Academy, Arizona State University
− Honorable Mention for Best Paper Award, ACM CHI (2017)
− Lee Dirks Award for Best Paper, iConference (2016), $5,000 prize
− Honorable Mention for Best Paper Award, ACM CHI (2015)
− Honorable Mention for Best Speculative Fiction Award, Pathways to Possible Worlds: Science Fiction & Sustainability (2015)
− Graduate Student Fellow, UC Irvine Center for Organizational Research (2012), $1,000
− Dean's Dissertation Writing Fellowship, UC Irvine (2011), $8,000
− Public Impact Award, UC Irvine Graduate Division (2011), $10,000
− UC Irvine Dean's Dissertation Data Gathering Fellowship (2010), $8,000
− Graduate Student Fellow, UC Irvine Center for Organizational Research (2009), $750
− Graduate Student Outstanding Mentor Award, UC Irvine School of Social Ecology (2006)

PROFESSIONAL EXPERIENCE

Associate Professor, Arizona State University, College of Health Solutions	2023-present
Assistant Professor, Arizona State University, College of Health Solutions	2016-2023
Program Director, ASU Los Angeles, College of Health Solutions	2021-present
Academic Coordinator, University of California, Irvine, Salton Sea Initiative	2015-2016
Assistant Project Scientist, University of California, Irvine Donald Bren School of Information and Computer Sciences, Department of Informatics	2014-2016
Postdoctoral Research Engineer, Intel Labs User Experience Research (UXR) Group, Cultural Transformation Lab (CTL)	2013-2014
Postdoctoral Researcher, Intel Science and Technology Center for Social Computing (Supervisors: Melissa Mazmanian and Paul Dourish)	2012-2013

ADDITIONAL APPOINTMENTS

Collaborator, JusTech Lab, The Australian National University, Canberra, Australia	2020-present
Lead, Patient Work Emerging Translational Team, Arizona State University	2022-present
Affiliate Associate Professor, Arizona State University, The Design School	2022-present
Research Collaborator, Mayo Clinic, Rochester, MN	2018-present
Graduate Faculty Endorsed to Chair, Arizona State University, School for the Future of Innovation in Society	2018-present

NON ACADEMIC POSITIONS

Reserve Firefighter/EMT, Orange County Fire Authority	2024-present

PUBLICATIONS

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

Peer-Reviewed Journal Articles

J23. ‡Pawar, A.S., Organick-Lee, P., Thota, A., Espinoza Suarez, N.R., LaVecchia, C.M., Lee, A., Behnken, E., Thorsteindottir, B., Beck, A., Lorenz, E.C., Albright, R.C., Pine, K.H., Whitman, S.,++ Boehmer, K., (2024). Decisional Regret Surrounding Dialysis Initiation: A Comparative Analysis. *Kidney Medicine, 6,* no. 3: 100785.

J22. Deejay, A., Henne, K., Pine, K. H., Johnson, W. G., & Alphonso, F. C. (2023). Navigating a public health crisis: Governance and sensemaking during the COVID-19 pandemic in Australia. *Social Science and Medicine-Qualitative Research in Health*, *4*, 100317.

J21. ‡Barreto, E. F., Chitre, P. N.++, Pine, K. H., Shepel, K. K., Rule, A. D., Alshaer, M. H., ... & Boehmer, K. R. (2023). Why is the implementation of Beta-Lactam Therapeutic Drug

Monitoring for the critically ill falling short? A Multicenter Mixed-Methods Study. *Therapeutic Drug Monitoring*, *45*(4), 508-518.

J20. ‡Straus, A.++, Sharma, N.++, Mattie, H., Pine, K.H., & Lopez, G. (2023). Examining the Relationship Between Rurality, Risk Perception, and COVID-19 Vaccine Willingness Among Rural Latinos in Arizona and California. *Journal of Community Health, 48,* 945-950.

J19. Bossen, C. & Pine, K. Batman and Robin in Healthcare Knowledge Work: Human-AI Collaboration by Clinical Documentation Integrity Specialists. (2023). *ACM Transactions on Computer-Human Interaction. 30*(2), 1-29.

J18. Ross, H., Pine, K.H., Augusta, D., and Curran S. (2022). Pathway Mapping as a Tool to Address Police Use of Force in Behavioral Health Crisis. *Social Science & Medicine*. *306*, 115088.

J17. ‡Shukla, P. ++, Lee, M., Whitman, S. A. ++, & Pine, K. H. (2022). Delay of routine health care during the COVID-19 pandemic: A theoretical model of individuals' risk assessment and decision making. *Social Science & Medicine, 307*, 115164.

J16. Pine, K.H., Hinrichs, M., Love, K., Shafer, M., Runger, G., and Riley, W. (2022). Addressing Fragmentation of Health Services through Data-Driven Knowledge Co-Production within a Boundary Organization. *Journal of Community Informatics*, 18(2).

J15. ‡ Boehmer, K., Pine, K.H., Whitman, S.,++, Organick-Lee, P., Thota, A., Espinoza Suarez, N.R., LaVecchia, C.M., Lee, A., Behnken, E., Thorsteindottir, B., Pawar, A.S., Beck, A., Lorenz, E.C., and Albright, R.C.. (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.*

J14. ‡Whitman, S.A.,++, Pine, K.H., Thorsteindottir, B., Organick-Lee, P., Thota, A., Espinoza Suarez, N.R., Johnston, E.W., and Boehmer, K.R. (2021). Bodily Experiences of Illness and Treatment as Information Work: The Case of Chronic Kidney Disease. *Proceedings of ACM on Human-Computer Interaction, 5*(CSCW2) 1-28*.*

J13. Riley, W.J. Love, K., Runger, G., Shafer, M.S., Pine, K.H., and Mays, G. (2021). Framework for Multisector Alignment Research. *Journal of Public Health Management and Practice*, *27* (5) E205-E209.

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

J11. Pine, K.H., Hinrichs, M., Wang, J., Lewis, D., and Johnston, E. (2020). For impactful community engagement: check your role. *Communications of the ACM* 63(7), 26-28.

J10. Holten Møller, N., Bossen, C., Pine, K.H., Rask Nielsen, T., and Neff, G. (2020). Who Does the Work of Data? *Interactions,* 27(3), 52-55.

J9. Bossen, C., Pine, K.H., Cabitza, F., Ellingsen, G., and Piras, E.M. (2019). Data Work in Healthcare: Introduction. Health Informatics Journal, 25(3), 465-474.

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

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

J6. ‡Kou, Y., Gui, X.,++, Chen, Y., Pine, K.H., and Chen, Y. (2018). Conspiracy Talk on Social Media: Collective Sensemaking during a Public Health Crisis. *Proceedings of the ACM on Human-Computer Interaction, 2* (CSCW), article 61.

J5. ‡Gui, X.++, Chen, Y., and Pine, K.H. (2018). Navigating the Healthcare Service Black Box: Individual Competence and Fragmented System. *Proceedings of ACM on Human-Computer Interaction, 2* (CSCW), article 61.

J4. ‡Gui, Y.++, Chen, Y., Kou, Y., Pine, K.H., & Chen, Y. (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. Pine, K.H. and Mazmanian, M. (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. Pine, K.H., Edwards, R., Masera, O., and Riojas-Rodríguez, H. (2011). Adoption and Use of Improved Biomass Stoves in Rural Mexico. *Energy for Sustainable Development*, *15,* 176-183.

J1. Misra, S., Stokols, D., Harvey, R.H., Pine, K.H., Fuqua, J., Shokair, S.M., and Whiteley, J.M. (2009). Evaluating an Interdisciplinary Undergraduate Training Program in Health Promotion Research. *American Journal of Preventive Medicine, 36,* 358-365.
     Impact Factor: 4.527

Peer-Reviewed Conference Proceedings

Conference Proceedings

C16. ‡Zhao, D., Scheuerman, M.K., Chitre, P++. Andrews, J.T.A., Panagiotidou, G., Walker, S., Pine, K.H., Xiang, A. 2024. A Taxonomy of Challenges to Curating Fair Datasets. In *Proceedings NEURIPS 2024*.

C15. Abubakr, L., Shrivastava, T., Whitman, S. A., Pine, K. H., & Lee, M. (2024). Understanding Information Managers: A Thematic Analysis of Information Challenges of Disability Service Providers. In *Companion Publication of the 2024 Conference on Computer-Supported Cooperative Work and Social Computing* (pp. 629-634).

C14. ‡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.**

C13. Pine, K.H., and Chen, Y. (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.* (Acceptance rate: 24%)

C12. Bossen, C. Chen, Y. and Pine, K.H. (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*.

C10. ‡Gui, X.++, Kou, Y., Pine, Ladaw, E., Kim, H., Suzuki-Gill, E., and Chen, Y. (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%)

C9.   Pine, K. (2017). eScience Insights to Inform Infrastructure for Accountability of Healthcare. In *Infrahealth, Proceedings of the 6th International workshop on Infrastructures in Healthcare 2017*.

C8.   ‡Gui, X.++, Kou, Y., Pine, K.H., and Chen, Y. (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.   ‡Pine, K.H., Wolf, C.++, and Mazmanian, M. (2016). The Work of Reuse: Birth Certificate Data and Healthcare Accountability Measurements. *Proceedings iConference 2016*. ***Winner, 2016 Lee Dirks Award for Best Paper**.

C6.   Pine, K.H. and Liboiron, M. (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.   Pine, K.H. and Mazmanian, M. (2015). Emerging Insights on Building Infrastructure for Data-Driven Transparency and Accountability of Organizations. *Proceedings iConference 2015*.

C4.   Chen, Y. and Pine, K.H. (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.   Pine, K.H. and Mazmanian, M. (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.   Park, S., Pine, K.H. and Chen, Y. (2013). Local- universality: Designing EMR to Support Localized Informal Documentation Practices. *Proceedings of Computer Supported Cooperative Work 2013.* (Acceptance rate: 36%)

C1.   Pine, K.H. (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, Posters, Workshop papers)

EA9.   Erickson, I., Pine, K., Elmholdt, K. T., Nickerson, J. V., Waardenburg, L., & Lebovitz, S. (2024). Data Work as an Organizational Subject: Crafting a Future Research Agenda. In *Academy of Management Proceedings (1 ed., vol. 2024)*.

EA8.   Siraj, H., Whitman, S. A., Pine, K. H., & Lee, M. (2024). Exploring Domestic Workers' Risk Work During the COVID-19 Pandemic. *iConference 2024 Proceedings*.

EA7.   Pine, K.H., Bossen, C., Holten Møller, N., Miceli, M., Jiahong Lu, A., Chen, Y., Horgan, L., Su, Z., Neff, G., and Mazmanian, M. (2022). Investigating Data Work Across Domains: New Perspectives on the Work of Creating Data. *Proceedings of the ACM Conference on Human Factors in Computing Systems 2022*.

EA6.   Pine, K.H. and Bossen, C. (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.

EA5.   Cunha, J., Mazmanian, M., Pachidi, S., Pine, K.H., and Waardenburg, L. (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.

EA4. Pine, K.H., Bossen, C., Chen, Y., Ellingsen, G., Grisot, M., Mazmanian, M., and Holten Møller, N. (2018). Data work in healthcare: challenges for patients, clinicians and administrators." In *Companion of the 2018 ACM Conference on Computer Supported Cooperative Work and Social Computing*, pp. 433-439.

EA3. Maria Piras, E., Cabitza, F., Ellingsen, G., Bossen, C., and Pine, K.H. (2016). Exploring Data-Work in Healthcare: Making Sense of Data across Boundaries. *Proceedings of the Conference on Design of Cooperative Systems 2016*.

EA2. Lustig, C., Pine, K.H., Nardi, B., Irani, L., Kyung Lee, M., Nafus, D., and Sandvig, C. (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. Bossen, C., Pine, K.H., Ellingsen, G., and Cabitza, F. (2016). Data-work in Healthcare: The New Work Ecologies of Healthcare Infrastructures. *Proceedings of Computer Supported Cooperative Work 2016.*

Book Chapters

BC1. Pine, K.H. and Morton, C. (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. Palen, L. et. al. (2020). Crisis Informatics: Human-Centered Research on Tech & Crises. (Available at https://hal.archives-ouvertes.fr/hal-02781763/document).

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

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

T1. Morton, C.H., Pine, K.H., Turon, J., and Main, E.K. (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)

Articles Under Review

Pine, K.H. and Mazmanian, M. Feeding the Machine out of Thin Air: Data Crafting in the 'Data-Driven' Organization. (Invited for revise & resubmit at MISQ) (3rd revise & resubmit).

Chitre, P. and Pine, K.H. Institutional Logics of Large-Scale Health Information Systems in India and Institutional Shaping of Data Work. (Invited for revise & resubmit at Scandinavian Journal of Information Systems).

Mejia, M., Pine, K.H., Mandhre, R., Chen, Y. Future Making Tensions: Integrations Between Community-Engaged Research and Strategic Design. (Under Review at She Ji).

Additional Writing

AW5. Henne, K., Pine, K.H., Deejay, A., and Carneiro Alphonso, F. Trust is Key to the Omicron Response. Australia Can Still Get Back on Track. Op-ed in *The Guardian.* January 18th, 2022.

AW4. Pine, K.H., Henne, K., and Lee, M. People have had a hard time weighing pandemic risks because they haven't gotten information they needed when they needed it. *The Conversation.* April 29, 2021.

AW3. Pine, K.H. Care Economy. *Pathways to Possible Worlds*, held May 27th, 2016 at University of California, Irvine. ***Honorable Mention for Best Speculative Fiction Award**

AW2. Pine, K.H. and Liboiron, M. Measurements: The Qualitative Work of Quantitative Work. *Ethnography Matters*. March 25th, 2014.

AW1. Morton, C. and Pine, K.H. The Maternal Quality Landscape: A Primer in Three Parts. *Lamaze International*. April 14, 2011.

RESEARCH FUNDING

Funded Projects as PI, Local PI, Multiple PIs, or Co-PI

1. **Funding Agency:** Virginia Board for People With Disabilities
   Dates: 2023-2024
   Role: Lee (PI) Pine (Co-PI/Local PI)
   Title: Mapping Information Ecology: Understanding the Fragmentation of Disability Service Information
   Amount: $41,556
2. **Funding Agency:** Anonymous industry gift (administered through ASU Foundation)
   Dates: August 2023-June 2024
   Role: Pine (PI) Walker (PI)
   Title: Fair and Diverse Datasets
   Amount: $101,824
3. **Funding Agency:** NSF/HCC
   Dates: August 2022-July 2025
   Role: Pine (overall PI) Lee (PI) Chen (PI) Mazmanian (Co-PI) Mejia (Co-PI)
   Title: Collaborative Research: HCC: MEDIUM: Understanding the Present and Designing the Future of Risk Prediction IT in Fire Departments
   Amount: $507,943 (total grant amount across all collaborating universities: $1,200,000)
   Collaborating Universities: George Mason University, University of California, Irvine
4. **Funding Agency:** NSF/DASS
   Dates: October 2022-September 2025
   Role: Hinrichs (PI) Johnston (Co-PI) Pine (Co-PI) Lee (Co-PI)
   Title: DASS: Exploring how convergence methods foster shared accountability to reveal, map, and mitigate the sources and dynamics of bias across social service provisioning systems
   Amount: $749,777
5. **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

6. **Funding Agency**: Mayo Clinic (Rochester)
   Dates: July 2021-December 2021
   Role: Pine (Local PI) Barreto (PI)
   Title: Beta-lactam individualization for critically ill patients
   Amount: $14,983

7. **Funding Agenc**y: ASU Knowledge Exchange for Resilience Academic Partner Fellowship
   Dates: 2020
   Role: Pine (PI)
   Title: The Informal Risk Work of COVID-19
   Amount: $15,000

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

9. **Funding Agency**: ASU-Mayo Collaborative Seed Grant Program, ID: FP00012777
   Dates: 2018-2019
   Role: Pine (PI) & Montori (PI)
   Title: Patient-Centered Exploration and Innovation to Understand and Ease the Burden of Dialysis Treatment.
   Amount: $50,000

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

11. **Funding Agency**: AHRQ/Dissertation Fellowship Grant (1R36HS020753-01)
    Dates: 2011-2012
    Role: Pine (PI), Feldman (Faculty mentor)
    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

1. **Agency:** Alumni Capstone Teams for the Knowledge Exchange for Resilience: ACT for KER
   Dates: 2024
   Role: Kizer (PI), Pine (Co-PI), Smith (Co-PI), Weatherington (Co-PI)
   Title: Coordination and Connection to Address Social Determinants of Health in Underserved Populations
   Amount: $35,000

2. **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

3. **Agency**: Robert Wood Johnson Foundation
   Dates: 2018-2020
   Role: Riley (PI), Runger (co-PI), Pine (co-I), & McCullough (co-I)
   Title: Exploring Mechanisms to Facilitate Goal Alignment and Goal Attainment Among Multisector Stakeholders
   Amount: $964,667
4. **Funding Agency**: Styrelsen for Forskning og Innovation/International research planning grant
   Dates: 2017-2018
   Role: Bossen (PI), Pine (Co-I), Danholt (Co-I), Chen (Co-I), Zheng (Co-I), Ellingsen (Co-I)
   Title: Data-Driven Quality Improvement and Management in Healthcare
   Amount: $41,121

Unfunded Grant Submissions

1. **Agency:** AHRQ
   Submission Year: 2024
   Role: Pine (PI); Kizer (PI)
   Title: Implementation and Evaluation of a Combined Screening and Referral Process to Address nSDOH in a Native American Community Health Clinic
   Amount: $99,912
   Impact Score: Not scored
2. **Agency**: NIH
   Submission Year: 2022
   Role: Mendoza (PI); Shiota (PI); Brown (Co-I); Daniulaityte (Co-I); Leischow (Co-I); Pine (Co-I); Michael (Co-I)
   Title: First Resource: Bridging Response In Evidence-based Facilitation of Services (FR-BRIEF)
   Amount: $3,693,893
   Impact Score: 30
3. **Agency**: NIH
   Submission Year: 2021
   Role: Mendoza (PI); Shiota (PI); Brown (Co-I); Daniulaityte (Co-I); Leischow (Co-I); Pine (Co-I); Michael (Co-I)
   Title: First Resource: Bridging Response In Evidence-based Facilitation of Services (FR-BRIEF)
   Amount: $3,439,329
   Impact Score: 44
4. **Agency**: NSF/SBS
   Submission Year: 2021
   Role: Pine (PI); Chen (PI); Lee (PI); Mazmanian (Co-PI); Essary (Key personnel)
   Title: Collaborative Research: Acting in Uncertain and Contested Terrain: The Risk Work of Individuals During the Long Tail of the COVID-19 Pandemic
   Amount: $310,387
   Summary Rating: Low Competitive
5. **Agency**: NSF/HCC
   Submission Year: 2021
   Role: Pine (PI)

Title: CAREER: Advancing Collaborative Community Risk Assessment Tools For Fire Departments and Community Stakeholders with Data-Driven Information Technologies
Amount: $570,498
Summary Rating: Low Competitive

6. **Agency**: Women & Philanthropy (ASU Foundation)
   Submission Year: 2021
   Role: Pine (PI); Whitman (Co-PI)
   Title: Navigating Credibility as Part of the Diagnostic Quest: The Patient Work of Endometriosis
   Amount: $49,996

7. **Agency**: NSF/FOW-HTF
   Submission Year: 2021
   Role: Pine (PI); Chen (PI); Lee (PI); Mejia (Co-PI); Chen (Co-PI)
   Title: FW-HTF-R: Collaborative Research: Understanding the Present and Designing the Future of Data-Intensive 'Risk Work' in Emergency Services
   Amount: $1,106,341
   Summary Rating: Low Competitive

8. **Agency:** NSF/SCC-CIVIC
   Role: Lee (PI); Pine (Co-PI); Winter (Co-PI); Thomas (Co-PI); Levy (Co-PI)
   Submission Year: 2021
   Title: SCC-CIVIC-FA Track B: Developing a Civic Tech Playbook for Improving Equity and Regional Resilience during Public Health Crises: 311 and the DC Metropolitan Area
   Amount: $997,401
   Summary Rating: Low Competitive

9. **Agency:** NSF/DASS
   Role: Hinrichs (PI); Johnston (Co-PI); Pine (Co-PI); Lee (Co-PI)
   Title: DASS: Exploring how convergence methods foster shared accountability to reveal, map, and mitigate the sources and dynamics of bias across social service provisioning systems
   Amount: $749,777
   Summary Rating: Competitive

10. **Agency:** NSF/SBS
    Submission Year: 2020
    Role: Pine (PI); Lee (PI); Mazmanian (PI); Walker (Co-PI); Chen (Co-PI); Essary (key personnel)
    Title: Collaborative Research: Acting in Uncertain and Contested Terrain: The Risk Work of Individuals During the COVID-19 Pandemic
    Amount: $313,776
    Summary Rating: Low Competitive

11. **Agency:** Arizona Housing Coalition
    Submission Year: 2020
    Role: Riley (PI); Pine (co-PI)
    Title: Community Voices for Health
    Amount: $131,993

12. **Agency:** NIH/NIDDK
    Submission Year: 2019
    Role: Boehmer (Co-PI); Pine (Co-PI); Thorsteindottir (Co-I); Albright (Co-I)
    Title: (HOLD) Helping Others Livewell on Dialysis
    Amount: $300,000
    Summary Score: not scored

13. **Agency:** Agency for Healthcare Research and Quality (AHRQ)

Submission Year: 2019
Role: Riley (PI); Runger (co-PI); Pine (co-PI)
Title: Advanced Data Analytics to Address Social Determinants of Health to Promote Equity
Amount: $1,990,016
14. **Agency:** National Science Foundation (Frameworks I-DIRSE-FW)
Submission Year: 2019
Role: Pine (PI); Boehmer (co-PI); Johnston (co-PI); Runger (co-PI); Hargraves (co-PI)
Title: Frameworks (I-DIRSE-FW): Institute for Human-Centered Health Data Science
Amount: $1,908,020
Summary Rating: Not Competitive
15. **Agency**: NSF/CHS
Submission Year: 2017
Role: Pine (PI); Chen (co-PI)
Title: CHS: Small: Collaborative Research: Understanding and Designing for Individuals' Navigation Practices in Healthcare
Amount: $500,000
Summary Rating: Low Competitive
16. **Agency**: NSF/CHS
Submission Year: 2016
Role: Pine (Co-PI); Chen (PI)
Title: CHS: Small: Understanding and Designing for Individuals' Navigation Practices in Healthcare
Amount: $500,000
Summary Rating: Low Competitive
17. **Agency**: AHRQ
Submission Year: 2012
Role: Pine (PI)
Title: Supporting Heterogeneous and Flexible Work Needs with Electronic Medical Records
Amount: $148,518
Summary Score: 40
18. **Agency**: AHRQ
Submission Year: 2009
Role: Pine (PI)
Title: Delivering Care: Organizational Routines for Childbirth Technologies in the Hospital Setting
Amount: $40,000
Summary Score: Not Discussed

CONFERENCE PRESENTATIONS

* indicates presenting author(s)
‡ Indicates presentations in which my mentored students are co-authors. Names with a double plus sign (++) show specific graduate scholars under mentorship

International

‡Siraj, H., Whitman, S.A., Pine, H.H., and Lee, M. "Exploring Domestic Workers' Risk Work During the COVID-19 Pandemic." iConference. Changchun, China, April 2024.

‡Chitre, P++, Pine, K.H.*, and Mazmanian, M. "The Good Hospital: Constructing "Quality" through Data-Driven Accountability in U.S. Healthcare." 14th International Process Symposium. Crete, Greece, June 2023.

Pine, K. & Bossen, C. "Batman and Robin in Healthcare Knowledge Work: Human-AI Collaboration by Clinical Documentation Integrity Specialists." Conference on Human Factors in Computing Systems, Hamburg, Germany, May 2023.

Pine, K.H.* and Mazmanian, M. "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

Pine, K.H.*, Parrish, M., and Mejia, G.M. "Understanding the Present and Designing the Future of Community Risk Reduction for EMS in the Fire Service." International Association of

Fire Chief's Community Risk Reduction Leadership Conference, Glendale, AZ, May 2024.

Pine, K.H.* and Mazmanian, M. "Electronic Fetal Monitors: The Impact of a Data Device on Clinicians' Autonomy and Expertise." Society for Social Studies of Science Annual Meeting, Honolulu, Hawaii, November 2023.

‡Chitre, P.++*, Pine, K.H. and Mazmanian, M. "Healthcare Quality Measurement and Politics of Anticipation." Anticipation Conference 2022, Tempe, Arizona, November 2022.

Pine, K.H. and Mazmanian, M.* Technologies of Quantification and the Autonomy of Action: The Case of Electronic Fetal Monitoring. Academy of Management Annual Meeting, Seattle, Washington, August 2022.

‡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]

‡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. International Science of Team Science Conference, 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." Davis Conference on Qualitative Research, UC Davis, March 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 Annual Meeting, Washington DC, November 2011.

Kathleen H. Pine*. "Implementation of Electronic Medical Records: Implications for Nursing Work in a Labor & Delivery Unit." Academy Health Annual Research Meeting, Seattle, Washington, July 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. Conference on Datafication of Healthcare, Aarhus, Denmark, 2018

INVITED TALKS

International

Invited Talk, "Institutional Logics of Large-Scale Health Information Systems in India and Institutional Shaping of Data Work." Seminar on Data Work in Healthcare, Aarhus University, Denmark, April 2024.

Invited Talk, "Data quality in practice: A field level perspective on data fragility and the ongoing work of repair." Aarhus University School of Communication and Culture, Denmark, April 2023

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, "Batman and Robin in Healthcare Knowledge Work: Human-AI Collaboration by Clinical Documentation Integrity Specialists." Machine Learning Day, Arizona State University, April 2024.

Invited Talk, "Feeding the Machine out of Thin Air: Data Crafting in the 'Data-Driven' Organization." B2C2 Seminar, Data & Society, the New College at Arizona State University, (Virtual), March 2022.

Invited Talk, "The Politics of Measurement and Action." Development Engineering Seminar, Blum Center for Developing Economies, University of California, Berkeley, (Virtual), February 2022.

Invited Talk, "Emotional Currencies: Understanding Opportunities and Barriers to VBC-Oriented Practice Changes in Healthcare." Presentation to Anthem Health Platforms, February, 2022.

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, "Financing and Service Delivery Integration for Mental Illness and Substance Abuse." Systems for Action National Coordinating Center Research-in-Progress Webinar. With Riley, W., Shafer, M.S., Runger, G.C. (Virtual). December, 2018.

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.

OTHER INVITED ENGAGEMENTS

Invited Poster Presentation, "Investigating Bias in AI Tools for Fire & Emergency Medical Services." Designing Accountable Software Systems (DASS) Workshop. National Science Foundation. Warrenton, VA, November 2024.

Invited Discussant, Data Work as an Organizational Subject: Crafting a Future Research Agenda,*"* Symposium held at Academy of Management Annual Meeting. Chicago IL, August 2024.

Invited Faculty Mentor, Navigating Qualitative Dissertations. Academy of Management Annual Meeting, Chicago IL, August 2024.

Invited Faculty Mentor, Navigating Qualitative Dissertations. Academy of Management Annual Meeting, (virtual), August 2023.

Invited Panelist, Work in the Age of Intelligent Machines Research Coordination Network (WAIM RCN). Working Conference. Washington DC, June 2022.

Invited Faculty Mentor, Navigating Qualitative Dissertations. Academy of Management Annual Meeting, (virtual), August 2022.

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 Research Coordination Network (WAIM RCN): Towards Disciplinary Convergence. Academy of Management Annual Meeting, Chicago, IL, August 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 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

Co-design Workshop, "Fort Worth Fire Department and MedStar Mobile Integrated Health and Community Risk Reduction Co-Design and Visioning Workshop." Prepared and led by Pine, K.H. and Mandhre, R. with assistance from Mejia, G.M. at Fort Worth Fire Department, Fort Worth TX, November 2024.

Panel, "Measuring Left of Bang: Demonstrating Value in Public Health/Public Safety Initiatives." Davis, J., Morrison, J., Parrish, M., Ernst, D.C., and Pine, K.H. Panel organized and held at the International Association of Fire Chief's Community Risk Reduction Leadership Conference, Glendale, AZ, May 2024.

Panel, "Endangered healthcare Ecologies: Understanding and Addressing Patient Work." Whitman, S., Harlow, J., and Pine, K.H. Panel organized and held at 4S 2023, Honolulu, Hawaii, November 10th 2023.

Workshop, "Platforming and Unplatforming" Unconference held at ASU Los Angeles, Feb. 4th & 5th 2023.

Workshop, "Investigating Data Work Across Domains: New Perspectives on the Work of Creating Data." Pine, K.H., Bossen, C., Holten Møller, N., Miceli, M., Jiahong Lu, A., Chen, Y., Horgan, L., Su, Z., Neff, G., and Mazmanian, M. Workshop organized and held virtually at ACM CHI 2022, April 21, 2022.

Workshop, "Navigating Maricopa county's Mental Health System." Ross, H.*, Augusta, D.*, Curran, S., Peress*, A., Pine, K.H., and Meyer, M. Workshop held at the Winter Institute for Public Safety & Behavioral Health, Scottsdale, AZ, February 2020.

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

Panel, "Care that Fits: Kidney Disease Patient Cases." Thorsteindottir, B., Lorenz, E., Albright, R., Pine, K.H., and Whitman, S. Panel organized and held at Minimally Disruptive Medicine, Rochester, Minnesota, October 3rd 2018.

Workshop, "Data-work in Healthcare: Challenges for Patients, Clinicians, and Administrators." Pine, K.H., Bossen, C., Ellingsen, G., Grisot, M., Holten-Moller, N., Chen, Y., and Mazmanian, M. 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." Chen, Y., Zheng, K., Bossen, C., Pine, K.H. 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." Bossen, C., Pine, K.H., Ellingsen, G., and Cabitza, F. 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." Lustig, C., Pine, K.H., Nardi, B., Irani, L., Kyung Lee, M., Nafus, D., and Sandvig, C. Panel organized and held at the ACM Conference on Human Factors in Computing Systems, San Jose, CA, May 7th, 2016.

Panel, "Quantified Society." Pine, K.H. 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, Pine, K.H. "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." Pine, K.H. Panel Organized and led at the Materialities of Information Symposium at University of California, Irvine, December 13th, 2013.

Workshop, "Advancing Ethnography in Healthcare Environments." Pine, K.H., Morton, C., and Jordan, B. Workshop organized and held at Stanford University, April 22nd 2013.

Workshop, "Values in Design for Collaborative Systems." Bietz, M., Knobel, C., and Pine, K.H. Workshop organized and held at the Conference on Collaboration Systems and Technologies, San Diego, CA. May 20th, 2013.

POLICY

Pine, K.H. Love, K. and Riley, W. (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/).

Invited Participant, Opening Pathways. Washington DC, May 2018.
    Workshop informing the RWJF-sponsored Opening Pathways Project which re-envisioned relationships between patient communities and traditional health researchers.

Invited Participant, MacArthur Foundation Research Network on Opening Governance Phase 2 Research Kickoff. Tempe, Arizona, April, 2017.

Invited Participant, AI Now Symposium on the Social and Economic Impact of Artificial Intelligence Technologies. New York, New York, July 2016.
    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.

Morton, C.H., Pine, K.H., Turon, J., and Main, E.K. (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)
    California Maternal Quality Care Collaborative white paper that details the broad

initiative to reduced early elective deliveries in the U.S. using measurement-based quality improvement. It draws heavily on my research on data work and DDDM in obstetrics, and has informed design and implementation of measurement-based quality improvement initiatives.

MEDIA COVERAGE OF WORK

Weaver, M. Australians managing COVID risks 'on their own.' *ANU Newsroom.* January 20, 2022.

Greguska, E. How individuals use technology, personal networks to assess pandemic risks. *ASU News.* June 15, 2021.

Andrews, T.M. Why dangerous conspiracy theories about the virus spread so fast — and how they can be stopped. *The Washington Post.* May 1, 2020.

COURSES TAUGHT

Year/Semester/ University	Course Name	Level	Modality	Instructor Effectiveness Score	Scale
2024, AU, ASU	Health Informatics for Future Healthcare Professionals (HCD 602)	Grad	Online	4.3	1-5
2024, AU, ASU	Health Informatics for Future Healthcare Professionals (HCD 602)	Grad	Online	4.4	1-5
2024, SU, ASU	Healthcare Management (HCD 302)	Under grad	Online	4.9	1-5
2023, AU, ASU	Health Informatics for Future Healthcare Professionals (HCD 602)	Grad	Online	4.9	1-5
2023, AU, ASU	Health Informatics for Future Healthcare Professionals (HCD 602)	Grad	Online	4.8	1-5
2023, SU, ASU	Healthcare Management (HCD 302)	Under grad	Online	4.6	1-5
2023, SP, ASU	Health Informatics for Future Healthcare Professionals (HCD 602)	Grad	Online	4.3	1-5
2022, SU, ASU	Healthcare Management (HCD 302)	Under grad	Online	4.8	1-5
2022, SP, ASU	Health Informatics for Future Healthcare Professionals (HCD 602)	Grad	Online	4.3	1-5
2021, AU, ASU	Health Informatics for Future Healthcare Professionals (HCD 602) (2 sections)	Grad	Online	3.8	1-5
2021, SP, ASU	Fundamentals of Health Informatics (BMI 601)	Grad	Online (due to COVID)	4.5	1-5
2021, SP, ASU	Directed Reading in Sociotechnical Systems (HCD 591)	Grad	Online (due to COVID)	5	1-5
2020, WI, ASU	Directed reading during special winter semester "Reproductive Injustice: Racism, pregnancy, and Premature Birth" by Dana-Ain Davis	Under grad	Online (due to COVID)	N/A (evaluations not collected)	

2020, AU, ASU	Fundamentals of Health Informatics	Grad	Online	4.5	1-5
2020, SP, ASU	Human Factors Engineering for Biomedical Applications (BMI 615)	Grad	Online	4.6	1-5
2020, SP, ASU	Healthcare Management (HCD 302)	Under grad	Online	4.6	1-5
2020, SP, ASU	Fundamentals of Health Informatics (BMI 601)	Grad	On-ground	4.1	1-5
2020, AU, ASU	Directed Reading in Sociotechnical Systems in Healthcare (HCD 591)	Grad	On-ground	5	1-5
2019, AU, ASU	Fundamentals of Health Informatics (BMI 601)	Grad	Online	4.4	1-5
2019, SP, ASU	Health Care Management (HCD 302)	Grad	Online	4.4	1-5
2018, AU, ASU	Fundamentals of Health Informatics (BMI 601)	Grad	Online	4.3	1-5
2018, AU, ASU	Fundamentals of Health Informatics (BMI 601)	Grad	On-ground	4.3	1-5
2018, SP, ASU	Advanced Concepts in Healthcare Delivery (HCD 404)	Grad	On-ground	4.0	1-5
2018, SP, ASU	Healthcare Management (HCD 302)	Grad	Online	4.4	1-5
2017, AU, ASU	Fundamentals of Health Informatics (BMI 601) (Co-taught w/ Dr. B. Doebbeling)	Grad	On-ground	3.9	1-5
2017, SP, ASU	Advanced Concepts in Healthcare Delivery (HCD 404)	Under grad	On-ground	4.3	1-5
2017, SP, ASU	Healthcare Management (HCD 302) (Co-taught w/ Dr. Brad Doebbeling)	Under grad	On-ground	N/A (I was not evaluated)	
2016, SP, UCI	Computer Supported Cooperative Work (IN4MATX 153)	Under grad	On-ground	Not available	
2016, WI, UCI	Project in Health Informatics (IN4MATX 172)	Under grad	On-ground	Not available	
2015, AU, UCI	Medical Informatics (IN4MATX 171)	Under grad	On-ground	Not available	
2015, SP, UCI	Computer Supported Cooperative Work (IN4MATX 153)	Under grad	On-ground	8	1-9
2015, SP, UCI	Doing Research in the Community (UNI STU 100)	Under grad	On-ground	4	1-5
2011, SP, UCI	Environmental Analysis & Design (E 8)	Under grad	On-ground	6	1-7
2010, SU, UCI	Environmental Analysis & Design (E 8)	Under grad	On-ground	9	1-9
2010, WI, UCI	Environmental Analysis & Design (E 8)	Under grad	On-ground	6	1-7

Note: higher scores indicate better teaching/instructor effectiveness. Instructor effectiveness scores are from teaching evaluations and are the results of the question 'How would you rate the overall effectiveness of this instructor?' where available. On evaluations where this question was not asked, the instructor effectiveness score is the average of scores for all questions related to different aspects of instructor effectiveness.

MENTORSHIP

Current Ph.D. Students
- **Pooja Chitre,** doctoral candidate (Arizona State University) Role: Doctoral Committee Chair (expected graduation: 2025)
- **Ruchita Mhandre,** doctoral candidate (Arizona State University) Role: Doctoral Committee Member (expected graduation: 2027)
- **Ben Gansky,** doctoral candidate (Arizona State University) Role: Doctoral Committee Member (expected graduation: 2026)
- **Katie Zellner,** doctoral candidate (Drexel University) Role: Doctoral Committee Member (expected graduation: 2026)
- **Asbjorn Pedersen,** doctoral candidate (Aarhus University) Role: External Examiner (expected graduation: 2025)

Current Undergraduate Students
- Tyler Pagliarulo (Arizona State University) Role: research mentor

Past 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
- **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. student—graduated (Arizona State University) Role: Primary advisor, undergraduate honors thesis
- **John Dobbins,** B.S. student (Arizona State University) Role: Supervisor, risk discourse related to the Salton Sea research project
- **Crystal Oh,** B.S. Student—graduated (University of California, Irvine) Role: Supervisor, maternal healthcare quality project
- **Anthony Wovenu,** B.S. Student—graduated (University of California, Irvine) Role: Supervisor, patient work research project
- **Ryan Assaf,** B.S. Student—graduated (University of California, Irvine) Role: Supervisor, patient work research project
- **Kyla Lamontagne,** B.S. Student—graduated (University of California, Irvine)
- **A Marie Gilbert,** B.S. Student—graduated (University of California, Irvine)
- **Kathleen Enverga,** B.S. Student—graduated (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** (Arizona State University) Role: Thesis Advisor
- **Nalani Thomas**, (Arizona State University Online) Role: Mentor
- **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
- **Daniel Sheridan** (Arizona State University) Role: GSR Mentor, Covid Latino
- **Genessis Enriquez** (Arizona State University) Role: GSR Mentor, Covid Latino

Past Ph.D. Students
- **Samantha Whitman** (Ph.D. Arizona State University) Role: Doctoral Committee Chair
- **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)
- Strategic Initiatives Committee, Science of Health Care Delivery (2020-present)
- Undergraduate Curriculum Committee, Health Care Administration and Policy degree (2017-present)
- Master's in Science of Health Care Delivery Small Group Redesign Team (2023-2024)
- Master's in Science of Health Care Delivery Redesign Committee (2022-2023)
- Faculty Search Committee, Science of health Care Delivery (2021-2022)
- Admissions Committee, Science of Health Care Delivery (2020-2022)
- Faculty Search Committee, Biomedical Informatics (2019-2020)
- Faculty Search Committee, Population Health (2018-2019)
- Co-Lead, Oral Health Translational Team, College of Health Solutions (2018-2020)
- 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)
- Leadership Committee, Center for Smart Cities and Regions (formerly Center for Policy Informatics) (2016-present)
- Team Leadership Academy, Health in the Social Sciences (2017-2018)
- Review Committee, ASU/Mayo Seed Grant Program (2017-2018)

National Level
- Discussion Series Coordinator, LaborTech Research Network (2021-2023)
- Reviewer, National Science Foundation Smart and Connected Health
- Leadership Conference, Consortium for the Science of Sociotechnical Systems (2017)

International Level
- ACM Conference on Computer Supported Cooperative Work and Social Computing – Associate Chair (2025)
- International Conference on Infrastructures in Healthcare (InfraHEALTH)—Program Committee (2017, 2019, 2021, 2023, 2025)
- European Society for Socially Embedded Computing (EUSSET) Summer School Organizing Committee (2024, 2025)
- ACM Conference on Human Factors in Computing Systems (CHI) – Associate Chair (2015, 2018, 2020, 2022)
- 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 Designing Interactive Systems (DIS) – Associate Chair (2014)
- IFIP WG 8.2 – Program Committee (2018)

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
- Co-Editor, Scandinavian Journal of Information Systems Special Issue on Health Data Work (forthcoming)

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

SCHOLARLY SERVICE OUTSIDE OF ACADEMIA

Public Science Service
- Advisory Board Member, Covid Latino (2021-present)
- 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