

# ELIZABETH J. DAVIDSON

W. Ruel Johnson Distinguished Professor  
Department of Information Technology Management  
Shidler College of Business  
University of Hawai'i, Manoa  
Honolulu, HI 96822

## Education

Ph.D. MIT Sloan School of Management (specialization in Information Technologies)  
MBA Clark University Graduate School of Management  
BA Clark University (mathematics), summa cum laude

## Academic positions

1996 – 2021: University of Hawai'i, Manoa, Shidler College of Business  
Department of Information Technology Management  
2005 -- 2014: Department Chair, Information Technology Management  
2015 – 2018: Director, Communication and Information Science Ph.D. Program  
2016 – 2017 Chairperson, Curriculum and Program Committee, Shidler College of Business  
2020 – 2021 Department Chair, Information Technology Management  
10/21—present Interim Associate Dean, Shidler College of Business

## Academic Editorial Boards

Special Issue co-guest editor, *Business & Information Systems Engineering*, “Reimagining Digital Health: Advances in Patient-Centeredness, Artificial Intelligence, and Data-Driven Car Research”, 2023-2024.  
Special Issue co-guest editor, *Information and Organization*, “Data Governance, Digital Innovation and Grand Challenges”, 2021-2023  
Editor-in-Chief, *Information and Organization*, 2015-2020  
Senior editor, *Information and Organization*, 2011-present; editorial board member 2007-2011  
Special issue co-guest editor, *MIS Quarterly*, “Service Innovation in the Digital Economy” 2011-2015  
Associate editor, *MIS Quarterly*, January 2006-2009  
Senior editor, *Journal of the AIS*, 2012-2014; editorial board member 2009-2011  
Senior associate editor, *European Journal of Information Systems*, 2004-2011  
Editorial Board, *Information, Technology and People*, 2000-present

## Professional associations

Academy of Management (AoM)/Organizational Communications and Information Systems (OCIS)  
AOM OCIS Division Chair 2012-3; OCIS Program Chair 2010-11; OCIS officer 2010-2014  
Association for Information Systems (AIS)  
ICIS HealthCare Track program co-chair, 2015  
IFIP Working Group 8.2 on Information Technology and Organizations  
WG 8.2 Conference program co-chair 2008 (Information Technology in the Service Economy, Toronto)

### Visiting positions

May, 2016 University of Sydney  
May, 2010 Visiting International Fellow Professor, Lancaster University  
Visiting Fellow, Collaborations for Leadership in Applied Health Research and Care, Cambridge University

### Professional positions in industry

Digital Equipment Corporation, Maynard, MA: Business systems analyst and Project manager  
Norton Company, Worcester, MA: Information systems developer, project manager; quality assurance manager.

### Grants and awards

7/24 UH Shidler College research grant \$15,000  
7/23 UH Shidler College research grant \$15,000  
7/22 UH Shidler College research grant \$15,000  
7/21 UH Shidler College research grant \$15,000  
7/20 UH Shidler College research grant \$15,000  
7/19 UH Shidler College research grant \$15,000  
9/18 National Science Foundation Grant (co-PI with J. Winter, V. Fan), \$215,000  
7/18 UH Shidler College research grant \$15,000  
7/17 UH Shidler College research grant \$15,000  
7/16 UH Shidler College research grant \$15,000  
5/16 UH SSRC Grant (co-PI with PI Dr. J. Winter), \$21,000  
7/15 UH Shidler College research grant \$15,000  
7/14 UH Shidler College research grant \$15,000  
7/13 UH Shidler College research grant \$15,000  
7/12 UH Shidler College research grant \$15,000  
7/11 UH Shidler College research grant \$15,000  
7/10 UH Shidler College research grant \$15,000  
7/09 UH Shidler College research grant \$12,500  
7/08 UH Shidler College research grant \$13,000  
7/07 UH Shidler College research grant \$14,000  
5/06 UH Shidler College research grant \$13,000.  
1/06 Physicians Foundation research grant (research director with Hawaii Medical Foundation) \$900,000  
5/05 UH College of Business Research grant \$14,000  
2/04 UH Technology, Innovation and Society \$15,000  
1/04 UH Center for International Business Education and Research (with R. Lamb) \$6,000

- 5/02 UH Center for International Business Education and Research (CIBER) (with R. Lamb) \$15,000
- 10/01 National Science Foundation Grant (with R. Lamb) \$343,000
- 11/00 UH Center for Entrepreneurship and E-Business(with R. Lamb) \$31,000
- 6/00 UH Global Research Center Summer Grant \$7,800
- 5/00 UH University Research Council Seed Grant \$4,000

### Refereed Journal Publications

Sunyaev, A., Fürstenau, D., and Davidson, E., (2024, in press). Reimagining Digital Health. *Business & Systems Engineering*. (editorial review)

Davidson, E, Winter, J. and Chiasson, M. (2023). IT-based Regulation of Personal Health: Nudging, Mobile Health Apps and Personal Health Data. *Journal of Information Technology*, 38(2), 108-125. (Shidler B, AIS “basket of 8” journal)

Davidson, E., Wessel, L., Winter, JS., and Winter, S. (2023). Future directions for scholarship on data governance, digital innovation and grand challenges. *Information and Organization*. 33 (1), 100454. (editorial review) (Shidler B, AIS Premier Journal List)

Winter, J. and Davidson, E. (2022). Harmonizing regulatory regimes for the governance of patient-generated health data. *Telecommunications Policy*. 46 (1), 102285. <https://doi.org/10.1016/j.telpol.2021.102285>

Abhari, K., Davidson, E., and Xiao, B. (2022). Inventing Together: The Role of Actor Goals and Platform Affordances in Open Innovation, *Journal of the Association for Information System (JAIS)*, 23(1), 264-302. (Shidler B, AIS Premier Journal List)

Abhari, K., Davidson, E., and Xiao, B. (2022). Modeling Social Product Development Process, Technology and Governance, *IEEE Transactions on Engineering Management*. 69 (2): 409-422. doi: 10.1109/TEM.2020.2973234.

Higa, C., E. Davidson, and J. Loos. (2021) "Integrating family and friend support, information technology, and diabetes education in community-centric diabetes self-management." *Journal of the American Medical Informatics Association*, 28(2), 261-275. <https://doi.org/10.1093/jamia/ocaa223>.

Wessel, L., Davidson, E., et al (2019). Configuration in Smart Service Systems: A Practice-Based Inquiry. *Information Systems Journal*. 29(6): 1256-1292. (Shidler B, AIS Premier Journal List).

Abhari, K., Davidson, E. and Xiao, BS. (2019). “Experience First”: Investigating Co-creation Experience in Social Product Development Networks. *AIS Transactions on Human-Computer Interaction*, 11 (1): 1-32.

Winter, J. and Davidson, E. (2019). Governance of artificial intelligence and personal health information", Digital Policy, Regulation and Governance. *Digital Policy, Regulation and Governance*. 21(3): 280-290. <https://doi.org/10.1108/DPRG-08-2018-0048>

Abhari, K., Davidson, E., and Xiao, B. (2019). Collaborative Innovation in the Sharing Economy: Profiling Social Product Development Actors through Classification Modeling. *Internet Research*. 29(5): 1014-1039. <https://doi.org/10.1108/INTR-03-2018-0129>

Winter, J. and Davidson, E. (2019). Big data governance of personal health information and challenges to contextual integrity. *The Information Society*. 35(1): 36-51. <https://doi.org/10.1080/01972243.2018.1542648>

Mattson, T., & Davidson, E. (2018). Promoting Domain-specific Forum Participation via Off-topic Forum Participation in Electronic Networks of Practice. *Communications of the Association for Information Systems*, 43(1), 35.

Davidson, E., Baird, A., and Prince, K. (2018). Opening the envelope of health care information systems research. *Information and Organization*. 28(3): 140-151. (Shidler B)

- Chiasson, M., Davidson, E., and Winter, J. (2018). Philosophical foundations for informing the future(s) through IS research. *European Journal of Information Systems*, 27(3): 367-379. (Shidler B, AIS “basket of 8” journal) <https://doi.org/10.1080/0960085X.2018.143523>
- Abhari, K., Davidson, E., Xiao, B. (2018). A Risk Worth Taking? The Effects of Risk and Prior Experience on Co-Innovation Participation, *Internet Research*, 28(3): 804-828. <https://doi.org/10.1108/IntR-05-2017-0196>.
- Baird, A., Davidson, E. & Mathiasson, L. (2017). Reflective Technology Assimilation: Facilitating Electronic Health Record Assimilation in Small Physician Practices, *Journal of MIS*, 34(3): 664-694. (Shidler A, AIS “basket of 8” journal, FT 50)
- Abhari, K., Davidson, E. & Xiao, B. (2017). Co-Innovation Platform Affordances: Developing a Conceptual Model and Measurement Instrument, *Industrial Management & Data Systems*, 117(5): 873-895.
- Young, B., Mathiassen, L. & Davidson, E. (2016). Inconsistent and Incongruent Frames during IT-enabled Change: An Action Research into Sales Process Innovation. *Journal of the Association of Information Systems*, 17(7), p. 555-580. (Shidler B, AIS “basket of 8” journal) (Best published paper, JAIS, 2017).
- Gogin, J., Davidson, E., & Proudfoot, J. (2016). The Healthcare.gov Project. *Journal of Information Technology Teaching Cases*. 6(2) pp 99–110. ISSN: 2043-8869, doi:10.1057/jittc.2016.2.
- Davidson, E., Oesterlund, C., & Flaherty, M. (2015). Drift and Shift in the Organizing Vision for Personal Health Records: An Investigation of Innovation Discourse Dynamics. *Information and Organization*. 25(4): 191-221.
- Barrett, M., Davidson, E., Prabhu, J. & Vargo, S. (2015). Service Innovation in the Digital Age: Key Contributions and Future Directions. *MIS Quarterly*. 39(1): 1-20. (Editorially reviewed) (Shidler A, AIS “basket of 8” journal)
- Deng, X. & Davidson, E. (2013). Knowledge Boundaries and Spanning Practices in Configuring Packaged Systems, *Journal of IT Case and Application Research (JITCAR)*, 15:1.
- Vaast, E., Davidson, E., & Mattson, T. (2013). Talking about Technology: The Emergence of a New Actor Category Through New Media. *MIS Quarterly*. 37(4): 1069-1092. (Shidler A, AIS “basket of 8” journal)
- Chiasson, M. & Davidson, E. (2012). Reconsidering Deconstruction in Information Systems Research. *European Journal of Information Systems*. 21(2), p. 192-206. (Shidler B, AIS “basket of 8” journal)
- Oborn, E., Barrett, M. & Davidson, E. (2011). Unity in Diversity: Electronic Patient Record Use in Multidisciplinary Practice. *Information Systems Research*. 22:3: 547-564. (Shidler A, AIS “basket of 8” journal)
- Davidson, E. & Vaast, E. (2009). Tech Talk: An Investigation of Blogging in Technology Innovation Discourse, *IEEE Transactions on Professional Communications*, 52(1): 20-40.
- Reardon, J. & Davidson, E. (2007). An organizational learning perspective on the assimilation of electronic medical records among small physician practices. *European Journal of Information Systems*, 16(6): 681-694. (Shidler B, AIS “basket of 8” journal)
- Davidson, E. & Chismar, W. (2007). The Interaction of Institutionally Triggered and Technology-Triggered Social Structure Change: An Investigation of Computerized Physician Order Entry (CPOE), *MIS Quarterly*. 31(4): 739-758. (Shidler A, AIS “basket of 8” journal)
- Davidson, E. & Heslinga, D. (2007). Bridging the IT Adoption Gap for Small Physician Practices: An Action Research Study on Electronic Health Records. *Information Systems Management*, 12(1): 15-28.
- Kaplan, B, Chiasson, M., Reddy, M. & Davidson, E. (2006). Learning by Crossing Disciplinary Boundaries: What does Information Systems Research Offer Medical Informatics? (2007) *International Journal of Medical Informatics*. 76s: s89-s97
- Davidson, E. (2006). A Technological Frames Perspective on Information Technology and Organizational Change. *Journal of Applied Behavioral Science*, 42(1): 23-39 .

- Chiasson, M. & Davidson, E. (2005). Taking industry seriously in IS research. *MIS Quarterly*, 29(4), pp. 599-606. (Shidler A, AIS "basket of 8" journal)
- Davidson E. & Chiasson M. (2005). Contextual Influences on Technology Use Mediation: A Comparative Analysis of Electronic Medical Record Systems. *European Journal of Information Systems*, 14(1): 6-18. (Shidler B, AIS "basket of 8" journal)
- Lamb, R. & Davidson, E. (2005). Understanding Intranets in the Context of End-User Computing, *The Database for Advances in Information Systems*, 31(1): 64-87.
- Lamb, R. v Davidson, E. (2005). Information and Communication Technology Challenges to Scientific Professional Identity. *The Information Society*. Vol 21(1): 1-24.
- Chiasson, M. & Davidson, E., (2004). "Pushing the Contextual Envelope: Developing and Diffusing IS Theory for Health Information Systems Research," *Information and Organization*, 14(3): 155-183.
- Davidson, E. (2002). "Technology frames and framing: A socio-cognitive investigation of requirements determination," *MIS Quarterly*, 26(4): 329-358. (Shidler A, AIS "basket of 8" journal; FT 50)
- Davidson, E. (2000). "Analyzing Genre of Organizational Communication in Clinical Information Systems," *Information, Technology, and People*, 13(3): 196-209.
- Davidson, E. (1999). "What's in a name? Exploring the Metaphorical Implications of Data Warehousing in Concept and Practice," *Journal of End-User Computing*, 11(4): 22-32.
- Davidson, E. (1999). "Joint Application Design (JAD) in Practice," *Journal of Systems and Software*, 45: 215-223.
- Davidson, E. & Chismar, W. (1999). "Planning and Managing Computerized Order Entry: A Case Study of IT-Enabled Organizational Transformation," *Topics in Health Information Management*. 19(4): 47-61.

### Edited Books

- Barrett, M., Davidson, E., Middleton, C. & deGross, J. (eds.) (2008). *Information Technology in the Service Economy: Challenges and Possibilities for the 21<sup>st</sup> Century*, Springer Publishers.

### Refereed Book Chapters

- Abhari, K. & Davidson, E. (2016). "Creative Co-production: The Adaption of an Open Innovation Model in Creative Industries". In *Information Systems and Management in Media and Entertainment Industries*. (A. Lugmayr, E. Stojmenova, K. Stanoevska, and R. Wellington, eds.). Springer International Series on Computer Entertainment and Media Technology. P. 119-131.
- Barrett, M. & Davidson, E. (2008). Exploring the Diversity of Service Worlds in the Service Economy, in *Information Technology in the Service Economy: Challenges and Possibilities for the 21<sup>st</sup> Century* (eds. M. Barrett, E. Davidson, C. Middleton, and J. deGross), Springer Publishers, pp. 1-10. (not refereed)
- Davidson, E., Chiasson, M. & Ruikar, S. (2006). Taking people out of the network: Deconstructing "Your Next IT Strategy." In IFIP International Federation for Information Processing, Volume 208, *Social Inclusion: Societal & Organizational Implications for Information Systems*, eds. E. Trauth, D. Howcroft, T. Butler, B. Fitzgerald, and J. deGross (eds.), Boston: Springer, pp. 317-332.
- Davidson, E. & Pai, D. (2004). Making Sense of Technology Frames: Promise, Progress, and Potential, *Relevant Theory and Informed Practice: Looking Forward from a 20 Year Perspective on IS Research*, B. Kaplan, D. Truex, D. Wastell, T. Wood-Harpe, and J. deGross (eds.), Kluwer Academic Publishers, 473-491.

- Davidson, E. (2000). The Metaphorical Implications of Data Warehousing, in *Human Centered Methods in Information Systems: Current Research and Practice*, S. Clarke and B. Lehane (eds), Idea Group Publishing, 159-174. [in *Data Warehousing and Web Engineering*, ed. S. Becker, IRM Press, Hershey PA., pp. 113-136.]
- Lamb, R. and Davidson, E. (2000). The New Computing Archipelago: Intranet Islands of Practice, in *Organizational and Social Perspectives on Information Technology*, R. Baskerville, J. Stage, and J. DeGross (eds.), Boston: Kluwer Academic Publishers, 255-274.
- Davidson, E. (1997). Examining Project History Narratives: An Analytic Approach, in *Information Systems and Qualitative Research*, Lee, A., Lieberman, J., and DeGross, J. (eds.), London: Chapman and Hall, 123-148.

### Refereed Conference Papers

- Estell, P., Davidson, E., & Abhari, K. (2021). Affording Employee Voice: How Enterprise Social Networking Sites (ESNS) Create New Pathways for Employee Expression. In *Proceedings of the 54th Hawaii International Conference on System Sciences* (p. 2750).
- Winter, J. S., & Davidson, E. J. (2021). Harmonizing Regulatory Spheres to Overcome Challenges for Governance of Patient-Generated Health Data in the Age of Artificial Intelligence and Big Data. *Technology Policy and Research Conference (TPRC)*. Available at SSRN 3749529.
- Abhari, K., Vomero, A., and Davidson, E. (2020). Psychology of Business Intelligence tools: Needs-Affordances-Features Perspective. *Proceedings of the 53th Annual Hawaii International Conference on Information Systems and Science (HICSS)*, Wailea, Maui, HI, January, 2020
- Winter J, Davidson E, Boyce C and Fan, V. (2019). Emergence, Convergence, and Differentiation of Organizational Forms of Health Data Governance, *Academy of Management Proceedings*, Boston, MA Aug 2019.
- Estell, P. and Davidson, W. (2019). Employee Engagement, Voice Mechanisms, & Enterprise Social Networking Systems. *Proceedings of the 52th Annual Hawaii International Conference on Information Systems and Science (HICSS)*, Wailea, Maui, HI, January, 2019.
- Sundermeier, J., Wessel, L., and Davidson E. (2018). Can Digital Innovation Alter the Landscape of Women's Entrepreneurship? Towards A Research Agenda. *International Conference on Information Systems (ICIS)*. San Francisco, CA. December, 2018. (Research in Progress poster).
- Abhari, K., Xiao, B. S., & Davidson, E. (2018). The Role of Actor Capability in (Re) Defining Technology Affordances: The Case of Open Innovation Platform. In *International Conference on HCI in Business, Government, and Organizations* (pp. 551-562). Springer, Cham.
- Winter, J. & Davidson, E. (2018). Big Data Governance of Personal Health Information: Contextual Integrity in the Case of Google DeepMind Health and the UK National Health Service. *Proceedings of the Annual International Communications Association Conference*, Prague, Czech Republic, 24-28 May 2018.
- Abhari, K., Davidson, E., & Xiao, Bo. (2018). Classifying Motivations in Social Product Development Networks: A Discriminant Analysis of Actor Profiles. *Proceedings of the 50th Annual Hawaii International Conference on Information Systems and Science (HICSS)*, Koloa, Kauai, HI, January, 2018.
- Winter, J. & Davidson, E. (2017). Investigating Values in Personal Health Data Governance Models. *Americas Conference on Information Systems*, Boston, MA, Aug 12-12.
- Abhari, K., Davidson, E., & Xiao, Bo. (2017). Co-innovation Experience in Social Product Development Networks: Construct Development and Measurement Validation. *Americas Conference on Information Systems*, Boston, MA, Aug 12-12.
- Abhari, K., Davidson, E., & Xiao, Bo. (2017). Perceived Individual Risk of Co-innovation in Collaborative Innovation Networks. *Proceedings of the 50th Annual Hawaii International Conference on Information Systems and Science (HICSS)*, Koloa, Kauai, HI, January, 2017.



- Holden, K. & Davidson, E. (2017). Sorting out EHR adoption and assimilation in the Meaningful Use incentive program in Hawaii. *Proceedings of the 50<sup>th</sup> Annual Hawaii International Conference on Information Systems and Science (HICSS)*, Koloa, Kauai, HI, January, 2017.
- Higa, C. & Davidson, E. (2017). Building Healthier Communities: Value Co-Creation within the Chronic Care Model for Rural Under-Resourced Areas. *Proceedings of the 50<sup>th</sup> Annual Hawaii International Conference on Information Systems and Science (HICSS)*, Koloa, Kauai, HI, January, 2017.
- Abhari, K., Davidson, E., & Xiao, B. (2016). Taking Open Innovation to the Next Level: A Conceptual Model of Social Product Development (SPD). The 22nd Americas Conference on Information Systems, San Diego.
- Loos, J. & Davidson, E. (2016). Wearable Health Monitors and Physician-Patient Communication: The Physician's Perspective. *Proceedings of the 49<sup>rd</sup> Annual Hawaii International Conference on Information Systems and Science (HICSS)*, Koloa, Kauai, HI, January, 2016.
- Abhari, K., Davidson, E. & Xiao, B. (2016). Measuring the Perceived Functional Affordances of Collaborative Innovation Networks in Social Product Development. *Proceedings of the 49<sup>rd</sup> Annual Hawaii International Conference on Information Systems and Science (HICSS)*, Koloa, Kauai, HI, January, 2016.
- Gogin, J., Davidson, E. & Rao, A. (2015). Healthcare.gov: Trick or Treat? *Northeast Decision Sciences Institute 2015 conference*, Cambridge, MA. (Project Management Case -- Best Case Award).
- Davidson, E., Hoffman, E. & Donahue, M. (2013). Will 'Meaningful Use' Bridge the Adoption Gap for Small Physician Practices? Results of a Survey of Hawaii Physicians. *Proceedings of the Hawaii International Conference on Information Systems and Science (HICSS)*, Wailua, Hawaii, Jan 7-10, 2013.
- Davidson, E. & Vaast, E. (2010). Digital Entrepreneurship and its Sociomaterial Enactment. *Proceedings of the 43<sup>rd</sup> Annual Hawaii International Conference on Information Systems and Science (HICSS)*, Koloa, Kauai, HI, January 5-8, 2010. [Best paper award]
- Chiasson, M. & Davidson, E. (2009). On Being Relevant to the Future of IS Practice, *Proceedings of the Americas Conference on Information Systems*, San Francisco, CA, August 6-9, 2009.
- Matson, T. & Davidson, E. (2009). The A-List vs. the Long Tail: Technology Bloggers and Reputation, *Proceedings of the Americas Conference on Information Systems*, San Francisco, CA, August 6-9, 2009.
- Vaast, E. & Davidson, E. (2008). New Actors and New Media in Technology Discourse: An Investigation of Tech Blogging, *Proceedings of the International Conference on Information Systems ICIS 2008*, Paris, France, Dec 14-17, 2008.
- Chiasson, M. & Davidson, E. (2007). Texts as maps: Deconstruction as an approach to exploring IS practice. *Proceedings of the Americas Conference on IS*, Keystone, Colorado, August 2007.
- MacLeod, M. & Davidson, E. Exploring (2007). Technology Frames through Interview Narratives *Proceedings of the Americas Conference on Information Systems*, Keystone, CO., August 9-12, 2007.
- Reardon, J. & Davidson, E. (2007). Do Perceptions of An Organizing Vision Influence Physicians Assimilation of Electronic Medical Records? *Proceedings of the Americas Conference on Information Systems*, Keystone, Colorado, August 9-12, 2007.
- Lin, Tsui-Chuan & Davidson, E. (2007). Mediation Organizational Innovation: A Study of Implementation of digital technologies in TV News. *Proceedings of HICSS-40: Hawaii International Conference on Information Systems and Science*, January 3-6, 2007, Hilton Waikoloa Village Resort, Waikoloa, Big Island, Hawaii.
- McLeod, M. & Davidson, E. (2007). Organizational storytelling and technology innovation. *Proceedings of HICSS-40: Hawaii International Conference on Information Systems and Science*, January 3-6, 2007, Hilton Waikoloa Village Resort, Waikoloa, Big Island, Hawaii.
- Reardon, J. & Davidson, E. (2007). How Do Doctors Perceive the Organizing Vision for Electronic Medical Records? Preliminary Findings from a Study of EMR Adoption in Independent Physician Practices. *Proceedings of*

*HICSS-40: Hawaii International Conference on Information Systems and Science*, January 3-6, 2007, Hilton Waikoloa Village Resort, Waikoloa, Big Island, Hawaii.

Lamb, R. & Davidson, D. (2004). Hybrid Organization in High Tech Enterprise. *17th Bled eCommerce Conference eGlobal*, Bled, Slovenia, June 21 - 23, 2004

Davidson, E., (2003). Narrative in Technology Project Formulation and Implementation. *Proceedings of the 2nd European Conference on Research Methodology for Business and Management Studies*, Reading University, Reading, UK, 20-21 March 2003.

Davidson, E. & Tay, A. (2003). Studying Teamwork in Global IT Support. *Proceedings of the 36th Hawaii International Conference on Systems Science*, Kona-Kailua, Hawaii.

Chiasson, M. & Davidson, E. (2002). Getting the two to dance: Examining barriers to health information systems research in mainstream IS Journals. *Proceedings of the 35th Hawaii International Conference on Systems Science*, Kona-Kailua, Hawaii.

Lamb, R. & Davidson, E. (2002). Social Scientists: Managing Identity in Socio-Technical Networks. *Proceedings of the 35th Hawaii International Conference on Systems Science*, Kona-Kailua, Hawaii.

Davidson, E. & Lamb, R. (2000). Examining Socio-Technical Networks in Scientific Academia/Industry Collaborations. *Proceedings of the 2000 Americas Conference on Information Systems*, Long Beach, CA.

Davidson, E. & Chismar, W. (1999). Examining the Organizational Implications of IT Use in Hospital-based Health Care: A Case Study of Computerized Order Entry. *Proceedings of the 31st Hawaii International Conference on System Sciences*, Maui, Hawaii.

Davidson, E. (1997). Changing Frames or Framing Change? Social Cognitive Implications of Organizational Change during IT Adoption. *Proceedings of the Thirtieth Hawaii International Conference on System Sciences*, Maui, Hawaii.

Davidson, E. (1996). Negotiating Requirements: a Social Cognitive Perspective on the Systems Development Process. *Proceedings of the Second Annual AIS Americas Conference on Information Systems*, Phoenix, Arizona, 422-424.

Davidson, E. (1993). An Exploratory Study of Joint Application Design (JAD) in Information Systems Delivery. *Proceedings of the Fourteenth International Conference on Information Systems*, Orlando, FL., 271-283.

#### **Publications in practitioner journals and journal editorials (not refereed)**

Myers, M. Chughtai, H., Davidson, E., Tsibolane, P., Young, A. (2020). Studying the other or becoming the other: Engaging with indigenous peoples in IS research, *Communications of the Association for Information Systems*. 47:1, p. 18+. (workshop report).

Davidson, E. (2019). A reflection on “information systems research: Thinking outside the basket and beyond the journal”, *Communications of the Association for Information Systems* 45 (1), 11.

J Ortiz, A Young, MD Myers, RT Bedeley, D Carbaugh, H Chughtai, ... E Davidson. (2019). Giving voice to the voiceless: The use of digital technologies by marginalized groups, *Communications of the Association for Information Systems* 45 (1), 2 (workshop report).

Chua, C. E. H., Thatcher, J. B., Niederman, F., Chan, Y. E., & Davidson, E. J. (2018). ICIS 2017 Panel Report: Break Your Shackles! Emancipating Information Systems from the Tyranny of Peer Review. *Communications of the Association for Information Systems*, 43(1), 25. (panel report; editorial reviewed)

Davidson, E., Gao, Guodon, & McCullough, J. (2015). Health IT and Economics. *Health Systems*. 4:54. doi:10.1057/hs.2014.34 (Introduction to Special Issue, guest editor)



Davidson, E. (2011). Physicians Helping Physicians: Developing Communities of Practice to Support EHR Adoption and Use. *MDAdvisor Special Issue on Healthcare Information Technology*.

Davidson, E. (2011). “Hey professor, why are you teaching this class?” Reflections on the relevance of IS research for undergraduate students. *European Journal of Information Systems*. 20, 133–138,

Vaast, E., Boland, R., Davidson, E., Pawlowski, S. & Schultz, U. (2006). Investigating the “Knowledge” in Knowledge Management: A Social Representations Perspective,” *Communications of the AIS*, Vol 17 Article 15.

### Refereed papers at conferences and workshops (no proceedings)

Estell, P., Davidson, E., & Abhari, K. (2023). Platforms for Expression: Enterprise Social Media and its Role in Employee Voicing Behaviors. Academy of Management Annual Conference, Boston, MA. Aug 4-8, 2023.

Winter, J. and Davidson, E. (2020). Divergence and Convergence in APCDs: A multi-level study of the APCD movement in the U.S. National Association of Health Data Organizations (NAHDO), August, 2020 (virtual).

Davidson, E., Winter, J., Fan, V. (2019). Challenges and Opportunities with Governance of Personally Generated Health Data (PGHD), Conference on Health IT and Analytics, Washington, DC, November, 2019.

Sundermeier, J., Wessel, L. and Davidson, E. (2018). Can Digital Innovation Alter the Landscape of Women’s Entrepreneurship? Towards A Research Agenda. *International Conference on Information Systems 2018*, San Francisco, CA.

Winter, J. and Davidson, E. (2018). The Healthcare AI Juggernaut: Is PHI Data Governance Possible? *2018 IFIP 8.2 Conference on Living with Monsters? Social Implications of Algorithmic Phenomena, Hybrid Agency and the Performativity of Technology*. San Francisco, CA., December, 2018.

Winter, J. and Davidson, E. (2017). Contextual Integrity and Governance of Personal Health Data, *The Conference on Health IT and Analytics*, Washington DC, Nov. 2-3, 2018.

Vaast, E., Davidson, E., & Mattson, T. (2015). Self- and peer-narratives in the ongoing construction of a new actor category, *Academy of Management Annual Conference*, August, 2015, Vancouver, BC.

Davidson, E. & Hoffman, E. (2012). Will “Meaningful Use” Bridge or Widen the EHR Adoption Gap? *American Medical Informatics Association Conference*, Chicago, IL. Nov 3-6, 2012.

Davidson, E., Vaast, E., & Wang, P. (2011). The Greening of IT: How discourse informs IT sustainability innovation. *GreEnCom11 Workshop*, Luxemburg, Sept 5, 2011.

Davidson, E. (2011). Bridging the IT Adoption Gap with a Community of Practice. *2<sup>nd</sup> Annual Workshop on Health Information Technology and Economics*, Washington, DC. Oct 21-22, 2011.

Osterlund, C., Kensing, F. & Davidson, E. (2011). Personal Health Records in the U.S. and Denmark: From visions to versions? *The Third international workshop: Infrastructures for Healthcare*. University of Copenhagen, June - 24<sup>th</sup>, 2011. (author only)

Davidson, E. & Kim, K. (2010). Bridging the IT Adoption Gap with a Community of Practice (CoP). *American Medical Informatics Association (AMIA) Conference*, Nov 12-15, 2010, Washington, DC

Davidson, E. & Vaast, E. (2007). Tech Blogging: A discourse-based exploration of the emergence of a virtual community and its elite. *Academy of Management Conference*, Philadelphia, PA. Aug 5-8, 2007.

Davidson, E. & Reardon, J., (2005). Organizing Visions for Healthcare IT: Analysis of the Discourse Surrounding Electronic Health Records. *AoM Annual Conference*, Aug 5-10, 2005, Honolulu, Hawaii.

**Conference panels, symposia, workshops**

Davidson, E. et al. Ethical Data Governance in Design, Practice, and Education. Organizer and panelist at Academy of Management Conference, August, 2024 (forthcoming). (Organizer and panelist).

Jarvenpaa, S. et al. Regulation, Governance, and Digital Responsibility: Research Frontiers, panelist, at European Conference on Information Systems, June 16, 2024.

Saadatmand, F. et al. Collective Data Ecosystem Governance and Design: Tensions, Data Quality, and Social Welfare Implementations. Discussant at Symposium at Academy of Management Conference, August, 2023.

Sebastian, I. et al. Building Digitally Enabled Relational Ecosystems for Social Value Creation. Professional Development Workshop discussant at Academy of Management Conference, August, 2023.

Karhade, P., Davidson, E., Pentland, B., Burton-Jones, A. et al. Integrating Induction and Abduction for Theory Development in Big Data Research. Academy of Management Conference, August, 2021 (virtual).

Davidson, E., Richardson, A., Winter, J., Nickerson, J., Fisher, B. Practicing Data Governance to Increase Benefits and Reduce Harms of Big Data. Professional Development Workshop, Academy of Management Conference, August, 2020 (virtual).

Davidson, E., Winter, J. Jarvenpaa, S. Governing Big Data for Societal Challenges. Symposium. Hawaii International Conference on Information Systems Science, January, 2019.

Myers, M, Chughtai, H, Davidson, E, Tsibolane, P. Studying the Other or Becoming the Other: Engaging with Indigenous Peoples in IS Research. Panel presentation at International Conference on Information Systems, December, 2019.

Kaplan, B., Davidson, EJ, Demiris, G., Schreiber, R., Waldman, AE. (2019). " Rethinking Health Data Privacy," Proceedings of the American Medical Informatics Association Annual Symposium, Washington, DC.

Designing Healthcare Ecosystems with Relational Coordination Principles: Leveraging Technology, Panelist at Academy of Management Annual Conference, Boston, MA Aug. 2019. (Research symposium)

Digital Entrepreneurship. Symposium Organizer and Panelist, Hawaii International Conference on Information Systems, Kona-Kailua, Hawaii, Jan 3-6, 2018.

Chua, Thatcher, J, Niederman, F, Chan, Y, & Davidson, E. ICIS Break Your Shackles! Emancipating Information Systems from the Tyranny of Peer Review. Panel presentation at International Conference on Information Systems, December, 2017.

At the Interface of Social Media Analytics, Big Data and Social Movements: Research Challenges, Panelist at Academy of Management Annual Conference. Anaheim, CA. August, 2017.

Social Movements and IT. Symposium Organizer and Panelist, Hawaii International Conference on Information Systems, Kona-Kailua, Hawaii, Jan 4-7, 2017.

The Role of Information Technology and Work Practices in Relational Coordination. Panelist at Academy of Management Annual Conference, Vancouver, BC, upcoming August 2015.

Can This Paper Be Saved? Dealing with Difficult Reviews (and Reviewers). Panelist at Academy of Management Annual Conference (OCIS Division), Philadelphia, PA, August 2014.

What is the Future of IS Theory? Panelist at Journal of the AIS Theory Development Workshop. Pre-ICIS workshop, Milan, Italy, Dec 14, 2013.

Being Innovative About Service Innovation: Service, Design and Digitalization. (2012). Panelist at International Conference on Information Systems, Orlando, Florida, December 17-19, 2012.

Healthcare IT Adoption under Different Government Models: Debating the HITECH Impacts. (2010). Panelist at International Conference on Information Systems, St. Louis MI, Dec. 15, 2010.

Turning Products into Services and Services into Products: Contradictory Implications of Information Technology in the Service Economy. (2008). Panelist at International Federation of Information Processing Working Group 8.2 Conference on Information Technology in the Service Economy: Challenges and Possibilities for the 21<sup>st</sup> Century, Toronto, August 10-13, 2008.

Practicing IS Research in Medical Practice: Opportunities and Dilemmas for Rigor and Relevance, Panelist at European Conference on Information Systems (ECIS), Galway, Ireland, June 9-11, 2008.

Lessons learned in conducting healthcare and information systems research: Professors and physicians discuss, debate, and collaborate, Panelist at the Americas Conference on Information Systems, Keystone, Colorado, August 9-12, 2007.

Virtualization and Institutions: Reflections on Recent Developments in Institutional Theory for a Multi-Level Analysis, Panelist at IFIP WG 8.2 Conference on Virtualization and Virtuality, Portland, OR, July 29-31, 2007.

Organizing Visions for Information Technology Innovation: Applications and Assessments. Panelist at Academy of Management [AoM] Conference, Atlanta, Georgia, USA, Aug 12-16, 2006.

Investigating The “Knowledge” In Knowledge Management: A Social Representations Perspective. Panelist at International Conference on Information Systems [ICIS], Las Vegas, NV, Dec 10-14, 2005.

Interdisciplinary Windows for Studying Information Systems in Healthcare: Challenges and Opportunities Panel: September, 2004, Panelist at IT in Health Care Conference, Portland, Ore.

Strangers in A Strange Land: Can IS Meet the Challenges and Opportunities of Research in Healthcare? Panelist at Americas Conference on Information Systems, NYC, NY, Aug, 2004.

Crossing disciplinary boundaries: Reflections on information systems research in health care and the state of Information Systems. Panelist at International Federation of Information Processing Working Group 8.2, Manchester, UK, July, 2004.

### Invited speeches and presentations

*Emergence of Organizational Forms of Health Data Governance*, Presented at Worcester Polytechnic Institute (WPI), Worcester, MA, September, 2018.

*Investigating Values in Personal Health Data Governance Models*. Presented at Warwick University, University of Edinburgh, and Royal Holloway University London, May and June, 2017.

*Reflective Technology Assimilation: Facilitating Meaningful Use of Electronic Health Records in Primary Care*, University of Queensland, May, 2016.

*Social media and the construction of new occupational categories*, Australian National University, May, 2016.

*Telling the Story with Qualitative Data*, workshop for Ph.D. Students, University of Sydney, May, 2016.

*Social media and the ongoing construction of new occupational categories*, University of Sydney, May 2016.

*Shifts and Drifts in the Organizing Vision for Personal Health Records: Investigating community-level innovation dynamics*. CIS Seminar Speaker Series, Georgia State University, Nov. 14, 2014.

*Finding the Paths to Publication*. CIS 720 Seminar. University of Hawaii, Manoa. October 24, 2014.

*Deconstructing the paper publication process*. 7<sup>th</sup> International Workshop on GTM Research: Grounded Theory in Information Systems Research. Milan, Italy. Dec. 18, 2013.

*Unfriending Coal: Social Media Affordances for a Social Movement Organization*. Presentation to faculty workshop at University of Passau, Passau, Germany, May 29, 2013.

*Formal Organization & Social Media in Collective Actions for Green IT.* Presentation to faculty workshop at Desautels Faculty of Management, McGill University, Montreal, CA, Nov 9, 2012.

*Business Information Services Managerial & Strategic Issues: How Industry Matters to BIS Strategy.* Panel presentation at the IEEE SERVICES 2012 8th IEEE World Congress on Services, June 24-29 2012.

*Bridging the Health IT Adoption Gap.* Guest presentation for Shidler College of Business Executive Education program in Healthcare Finance, June 13, 2012.

*Talking about technology: Using Discourse Analysis to Study Communication in Social Media.* Presentation to the Khon Kaen University Seminar, Communications and Information Sciences Program, University of Hawaii, 7/12/11.

*Tech Talk: Investigating the Emergence of New Actors through New Media in Technology Innovation Discourse.* ISSTI seminar. University of Edinburg, May 24, 2010

*Navigating Publications: Confessions of and Advice from Associate Editors.* Workshop for Advanced Institute of Management Research (AIM), London, UK (with Dr. Mike Chiasson, May 7, 2010).

*Tech Blogging: Investigating the emergence of new actors in new media in technology innovation discourses,* New York University, March, 2010.

*Tech Blogging: Investigating the emergence of new actors in new media in technology innovation discourses,* Simon Fraser University, September, 2008.

*Doing socially-informed academic research in healthcare IT: Challenges and opportunities,* Louisiana State University ISDS Distinguished Lecture Series, August 17, 2006.

*Academic science, industry and innovation: Making the links with information and communication technologies.* (Guest speaker, August, 2004 for Ocean Technology Speaker Series of the Oceans Advance Group, St. Johns, Newfoundland and Labrador.)

*Research & Research Funding: Thoughts on the U.S. Model -- Perils, Possibilities and Pitfalls.* University County Cork, Ireland, March 2003.

*E-Business Basics.* Society of Retired Executives (SCORE), April, 2002

*Management and E-Commerce.* Center for International Business Education and Research (CIBER) 2001 South West Conference, Park City, Utah, June, 2001.

*Basics of E-Commerce.* UH Entrepreneurs Club, October, 2000

*Information Behavior in Organizations.* Hawaii Food Industry Association, Honolulu, HI, October, 2000.

*Basics of E-Commerce.* Workshop on Electronic Commerce, Honolulu, HI June, 2000

*Case Study Methods.* U.H. CIS doctoral program seminar, March, 1999.

*Genre of Organizational Communication in Clinical Information Systems.* Decision Sciences Department Seminar, University of Hawaii, December 1997.

*Strategic Uses of IT.* Korean Executive Education Program, February and September, 1997.

### Courses developed/taught

#### Ph.D.

Survey of Ph.D. Research Methods for Social Sciences

Ph.D. Research Seminar in IT and Organizational Change

Research seminar in Healthcare Information Systems

Research seminar in Digital Transformation

Research seminar in Information Systems (overview, exam preparation)

**MBA/Masters**

Digital Transformation of Human Capital Management (HCM)  
Enterprise Data Management  
Health Informatics and Population Health  
Human Resource Information Systems (HRIS)  
Project Management, IT and Organizational Change  
IT Management and Strategy for Global Business  
Supply Chain Management  
Information Systems for Collaboration

**Undergraduate**

IT Management and Global Business  
Systems Analysis and Design  
Information Systems in the Organization  
Project Management  
Doing Business in Europe

**Ph.D. students supervised (dissertation committee chair)**

- 2004 Dr. Albert Tay (Dissertation topic: Understanding Communication and Coordination in Global Teamwork: A Study of Globally Distributed Information Technology Support)
- 2005 Dr. Yudthaphon Vichianin (Dissertation topic: E-Health Readiness Framework: A Case Study of Thailand)
- 2007 Dr. John Reardon (Dissertation topic: A study of the assimilation of electronic medical records by independent physician practices)
- 2007 Dr. Tsui-Chuan Lin (Dissertation topic: TV News Digitalization in Taiwan: An Intraorganizational Model of IT Adoption and Implementation)
- 2011 Dr. Maureen McLeod (Dissertation topic: Talking story: using narrative analysis to explore identity in middle school technology innovation)
- 2013 Dr. Tom Mattson (Dissertation topic: A Cultural Sociology Perspective on Patterns of Deference and Disrespect in Peer-to-Peer Feedback Systems in Electronic Fields of Practice.
- 2014 Dr. Kaveh Abhari (Dissertation topic: Collaborative Innovation Networks (CoIN))
- 2019 Dr. Joanne Loos (Dissertation topic: Examining the Influence of Wearable Health Monitors on Patients and Physicians in a Filipino Community).
- 2019 Dr. Christina Higa (Dissertation topic: creating community centered health care: leveraging friend and family ('ohana) support and information technology in chronic disease management).
- 2021 Dr. Kelly Holden (Dissertation Topic: Whose Health Is It Anyway? The Impact Of Employee Wellness Programs On Health Engagement).
- 2021 Dr. Pamela Estell (Employee Engagement, Direct Voice Mechanisms, And Enterprise Social Network Sites).
- 2021 Dr. Bruce Barnes III (Dissertation Topic: Information System Experience, Extended Use, And Efficiency: A Quantitative Analysis of Individual Electronic Health Record Use).



Google Scholar Citations (as of 5/13/24)

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