

Steven (Steve) Burton Sawyer

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Google Scholar page: https://scholar.google.com/citations?user=2v_elb8AAAAJ&hl=en&oi=ao**EDUCATION**

- 1995 D.B.A. Management Information Systems, Boston University
- 1989 M.S. Management Information Systems, Boston University
- 1986 M.S. Ocean Engineering, University of Rhode Island
- 1982 B.S. Marine Transportation, The United States Merchant Marine Academy (with honors)

EMPLOYMENT5/11 to ... **Professor, School of Information Studies**, Syracuse University, Syracuse, NY8/15 to ... **Director, D.P.S. Program**8/12 to ... **Director, Ph.D. Program**1/11 to 12/14: **Associate Dean for Research**

8/08 to 8/15: Senior Research Fellow, Center for Technology and Information Policy

Research: Computerization of work and organizations.

Infrastructure studies

Software/information systems design, development and implementation.

Social informatics and the advancement of socio-technical perspectives of computing.

- Courses:
- IST 101 Freshman Forum (2 offerings)
 - IST 445 Information Systems Project Management
 - IST 466 Professional Issues in Information Management and Technology (3)
 - IST 614 Managing Information-Based Organizations (8)
 - IST 800 Introduction to Doctoral Studies (4)
 - IST 810/840 Ph.D. Seminar (10)
 - IST 810 Ph.D. Teaching Practicum (7)
 - IST 830 Theories of Digital Technology
 - IST 840 Ph.D. Research Practicum (16)
 - IST 990.1 Ph.D. Pro-seminar on information systems
 - IST 990.7 Ph.D. Pro-seminar on socio-technical theories and social informatics

8/08 to 5/11: **Associate Professor, School of Information Studies**, Syracuse Univ., Syracuse, NY9/07 to 6/08: **Visiting Research Fellow, Informatics Research Institute, University of Salford**
Manchester, UK8/99 to 8/08: **Associate Professor, College of Information Sciences & Technology**,
The Pennsylvania State University, University Park, PA

Affiliate appointments with:

Department of Labor Studies & Employer Relations,

Department of Management and Organization,

Science, Technology and Society Program

Founding member:

School (now College) of Information Sciences & Technology
Center for the Information Society (closed 12/08)

Courses: IST 110 Introduction to Information Sciences and Technology (7)
IST 321 Information Technology and Information Systems Integration I (3)
IST 420 Information Technology and Information Systems Integration (4)
IST 489H Studying Information and Communication Technologies (honors) (4)
IST 501 Integrative Theories in the Information Sciences (Ph.D. seminar) (5)
PSU 017 First Year Seminar (2)
Executive education “Using IT Strategically” (4)

8/94 to 8/99: **Assistant Professor**, School of Information Studies, Syracuse University, Syracuse, NY

8/98 to 8/99: **Director, PhD Program**, School of Information Studies

1/97 to 8/99: **Research Fellow**, Center for Information Technology and Policy

Courses: IST 155 Introduction to Information, Management and Technology (5)
IST 352 Information Analysis of Organizational Systems (7)
IST 466 Professional Issues in Information Management & Technology (project course)(4)
IST 552 Information Systems Analysis (2)
IST 575 Software Project Management
IST 600.1 Work Groups, Information Technology Use, and Performance (2)
IST 600.4 Implementing Enterprise Systems
IST 614 Managing Information-Based Organizations (6)
IST 622 Software Life Cycle Management
IST 714 Doctoral Seminar on Design of Information-Based Organizations
IST 800 Doctoral Seminar on Theories of (Digital) Technologies
IST 810/840 Doctoral Seminar (5)
IST 810 Doctoral Research Practicum (15)
IST 840 Doctoral Teaching Practicum (10)

9/89 to 7/94: **Research Project Manager**, Systems Research Center, Boston University, Boston, MA
Instructor, School of Management,

Managed a four-year, \$1.5 million, research project involving 15-person research team studying 120 software development teams at 22 sites of 15 companies.

Courses: IS 113/SM 121 Introduction to Computer Systems (2)

7/86 to 12/89: **Naval Architect/Project Manager**, Marine Systems Corporation,
Boston, MA and Washington, DC

9/85 to 6/86: **Research Assistant**, Center for Ocean Management Studies,
University of Rhode Island, Kingston, RI.

6/83 to 8/85: **Naval Architect**, Presearch Incorporated,
Washington, DC

8/82 to 5/83: **Research Assistant**, Ocean Engineering Department,
University of Rhode Island, Kingston, RI

SCHOLARSHIP

Books & Monographs (3)

- Fedorowicz, J. and Sawyer, S. (2012) *Designing Collaborative Networks: Lessons Learned from Public Safety*, IBM Center for the Business of Government, Collaborating Across Boundaries Series, July, 2012, Arlington, VA.
- Salazar, A. and Sawyer, S. (Eds.) (2007), *Handbook of Information Technology in Organizations and Electronic Markets*, Singapore: World Scientific Publishing.
- Kling, R., Rosenbaum, H. and Sawyer, S. (2005), *Understanding and Communicating Social Informatics: A Framework for Studying and Teaching the Human Contexts of Information and Communication Technologies*. Medford, NJ: Information Today. Second printing in 2008.

Journals and Annuals (39)

- Crowston, K., Sawyer, S, and Wigand, R. (2015) “Social Networks and the Success of Market Intermediaries: Evidence from the US Residential Real Estate Industry,” *The Information Society*, 31(5), 361-378. DOI: <http://10.1080/01972243.2015.1041665>.
- Awarded Best Social Informatics Paper of 2016 by ASIST Social Informatics SIG.**
- Jarrahi, M. H. and Sawyer, S. (2014) “Theorizing on the Take-up of Social Technologies, Organizational Policies and Norms, and Consultant’s Knowledge-sharing Practices,” *Journal of the American Society for Information Science and Technology*. DOI: <http://10.1002/asi.23161>.
- Sawyer, S, Wigand, R. and Crowston, K. (2014) “Digital Assemblages: Evidence and Theorizing from a Study of Residential Real Estate,” *New Technology, Work, and Employment*, 29(1), 40-54. DOI: <http://10.1111/ntwe.12020>.
- Awarded 2016 Paper Award by Association of Information Science and Technology Special Interest Group on Social Informatics.
- Fedorowicz, J., Dias, M., Williams, C., Sawyer, S., Jacobson, D., Gantman, S., Tomisano, A., Tyworth, M., and Schrier, R. (2014) “Design Observations about Interagency Collaboration,” *Government Information Quarterly*, 31, 302-316. DOI: <http://10.1016/j.giq.2013.11.006>.
- Sawyer, S., Fedorowicz, L., Williams, C., Schrier, R., Dias, M. and Tyworth, M., (2013) “U.S. public safety networks: Architectural patterns and performance,” *Information Polity*, 18, 139–156.
- Jarrahi, M. H. and Sawyer, S. (2013) “Social Technologies, Informal Knowledge Practices, and the Enterprise,” *Journal of Organizational Computing and Electronic Commerce*, DOI: <http://DOI:10.1080/10919392.2013.748613>.
- Wiggins, A. and Sawyer, S. (2012) “Intellectual Diversity in iSchools, Evidence from Faculty Composition.” *Journal of the American Society for Information Science and Technology*, 63(1), 8-21.
- Holmström, J. and Sawyer, S. (2011) “Exploring Information Systems Developers’ Black-Boxing of the Emergent Character of Requirements.” *European Journal of Information Systems*, 20(1), 34-47.
- Briscoe, F., Wardell, M. and Sawyer, S. (2011) “Membership has its Privileges? Contracting and Access to Jobs that Accommodate Work-Life Needs,” *Industrial & Labor Relations Review*, 64(2), 258-282.
- Lee, H. and Sawyer, S. (2010) “Conceptualizing Time, Space and Computing for Work and Organizing,” *Time and Society*, 19(3), 293-317.
- Sawyer, S., Coopridge, J. and Guinan, P., (2010) “Social Interactions of Information Systems Development Teams: A Performance Perspective,” *Information Systems Journal*, 20(1), 81-107.
- Williams, C., Fedorowicz, J., Dias, M., Jacobson, D., and Vilviosky, S., Sawyer, S., and Tyworth, M. (2009) “The Formation of Inter-Organizational Information Sharing Networks in Public Safety: Cartographic Insights on Rational Choice and Institutional Explanations,” *Information Polity*, 14(1-2), 13-29.
- Sawyer, S., (2008) “Data Wealth, Data Poverty, Science, and Cyberinfrastructure,” *Prometheus*, 26(4), 357-371.

- Sawyer, S, Hinnant, C. and Rizzuto, T., (2008) "Planning for Platforms: Pennsylvania's Transition to Enterprise Computing as a Study in Strategic Alignment," *Government Information Quarterly*, 25, 645-668.
- Sawyer, S. and Huang, H., (2007) "Conceptualizing Information, Technology and People: Comparing Information Science and Information Systems Literatures," *Journal of the American Society of Information Science and Technology*, 58(10), 1436-1447.
- Sawyer, S. and Tapia, A., (2007) "From Findings to Theories: Speculating on the Future of Social Informatics" *The Information Society*, 23(4), 263-277.
- Wardell, M., Sawyer, S., Reagor, S. and Mitory, J., (2006) "Women in the United States' IT Workforce: Current Status and Issues" *Labor & Industry*, 11(2), 39-58.
- Sawyer, S. and Tapia, A., (2006) "Always Articulating: Theorizing on Mobile and Wireless Technologies" *The Information Society*, 22(5), 311-323.
- Sawyer, S., Wigand, R. and Crowston, K., (2005) "Redefining Access: Uses and Roles of Information and Communications Technologies in the Residential Real Estate Industry from 1995-2005," *Journal of Information Technology*, 20(4), 3-14.
- Tapia, A. and Sawyer, S., (2005) "The Sociotechnical Nature of Mobile Computing Work: Evidence from a Study of Policing in the United States," *International Journal of Technology & Human Interaction*, 1(3), 1-14.
- An updated version of this appears in: Stahl, B. (2007) *Issues and Trends in Technology and Human Interaction*, Idea Group, Hershey, PA, 152-171.
- This is reprinted as Chapter 28 in Volume 5 of: Taniar, D. (ed) (2008) *Mobile Computing: Concepts, Methodologies, Tools, and Applications*, Six Volumes, Information Science Reference, Hershey, PA.
- Lamb, R. and Sawyer, S., (2005) "On Extending Social Informatics from a Rich Legacy of Networks and Conceptual Resources," *Information Technology & People*, 18(1), 9-20.
- Sawyer, S., (2004) "Software Development Teams: Three Archetypes and their Differences." *Communications of the ACM*, 17(12), 92-97.
- Lyytinen, K, Yoo, Y., Varshney, U, Ackerman, M, Davis, G., Avital, M., Robey, D., Sawyer, S. and Sorenson, C., (2004) "Surfing the Next Wave: Design and Implementation Challenges of Ubiquitous Computing Environments." *Communications of the AIS*, 13, 697-716. Available online at URL: <http://aisel.aisnet.org/cais/vol13/iss1/40>.
- Sawyer, S. Tapia, A., Pesheck, L, and Davenport, J., (2004) "Observations on Mobility and the First Responder," *Communications of the ACM*, 47(3), 62-66. (10th most downloaded article from ACM digital library in August, 2004).
- Sawyer, S., Allen, J. and Lee, H., (2003) "Broadband and Mobile Opportunities: A Sociotechnical Perspective," *Journal of Information Technology*, 18, 121-136.
- Sawyer, S., Crowston, K., Wigand, R. and Allbritton, M., (2003) "The Social Embeddedness of Transactions: Evidence from the Residential Real Estate Industry," *The Information Society*, 19(2), 135-154.
- Sawyer, S. and Southwick, R., (2002) "Temporal Issues in ICT-Enabled Organizational Change: Scenes from an ERP Implementation," *The Information Society*, 18(4), 263-280.
- Sawyer, S. and Eschenfelder, K., (2002) "Social Informatics: Perspectives, Examples, and Trends," in Cronin, B. (Ed.) *Annual Review of Information Science and Technology*, 36, Medford, NJ: Information Today Inc./ASIST, 427-465.
- Sawyer, S., (2001) "Information Systems Development: A Market-Oriented Perspective," *Communications of the ACM*, 44(11), 97-102.
- Crowston, K., Sawyer, S. and Wigand, R., (2001) "The Interplay Between Structure and Technology: Investigating the Roles of Information Technologies in the Residential Real Estate Industry," *Information Technology & People*, 14(2), 163-183.
Awarded *Highly Commended Paper* by MCB Press.

- Sawyer, S., (2001) "Effects of Conflict on Packaged Software Development Team Performance," *Information Systems Journal*, 11(2), 155-178.
- Sawyer, S., (2000) "Packaged Software: Implications of the Differences from Custom Approaches to Software Development," *European Journal of Information Systems*, 9(1), 47-58.
- Sawyer, S. and Rosenbaum, H., (2000) "Social Informatics in the Information Sciences: Current Activities and Emerging Directions," *Informing Science*, 3(2), 89-96. Available online at <http://www.inform.nu>.
- This is reprinted in Slovene as: Sawyer, S. and Rosenbaum, H. (2004) "INFORMATICA SOCIALĂ ÎN ȘTIINȚELE INFORMAȚIEI: ACTIVITĂȚI CURENTE ȘI DIRECȚII NOI," *Revista de Informatică Socială*, 2, 7-13.
- Sawyer, S. and Guinan, P., (1998) "Software Development: Processes and Performance," *IBM Systems Journal*, 37(4), 552-569.
- Sawyer, S., Eschenfelder, K., Diekema, A., McClure, C., (1998) "Corporate IT Skill Needs: a Case Study of BigCo.," *Computer Personnel*, 19(2), 27-41.
- Eschenfelder, K., Heckman, R. and Sawyer, S., (1998) "The Distribution of Computing: Cooperation among Distributed Technical Specialists," *Information Technology & People*, 11(2), 84-103.
- Carmel, E. and Sawyer, S., (1998) "Packaged Software Teams: What Makes Them So Special?," *Information Technology & People*, 11(1), 6-17.
- Sawyer, S., Farber, J. and Spillers, R., (1997) "Supporting the Social Processes of Software Development Teams," *Information Technology & People* 10(1), 46-62.
- Guinan, P. and Coopridge, J., and Sawyer, S., (1997) "The Effective Use of Automated Application Development Tools," *IBM Systems Journal*, 36(1), 124-139.

Chapters in Books and Edited Volumes (24, including two reprints)

- Erickson, I, Sawyer, S., Jarrahi, M. H. (2016). Infrastructural Competence. In D. Ribes and J. Vertesi (Eds). *Digital STS Handbook*. University of Chicago Press, Princeton, NJ, in press.
- Østerlund, C., Snyder, J., Sawyer, S., Sharma, S., and Willis, M. (2015). Documenting work: From participant observation to participant tracing. In Roderick M. Kramer and Kimberly D. Elsbach (Eds). *Handbook of Innovative Qualitative Research Methods: Pathways to Cool Ideas and Interesting Papers*. Routledge, Taylor and Francis Group, New York.
- Sawyer, S. and Hartswood, M (2014) "Advancing Social Informatics," in Rosenbaum, H. and Fichman, P. (Eds.) *Social Informatics: Past, Present and Future*, Cambridge Scholarly Publications, Cambridge, UK.
- Sawyer, S. and Jarrahi, M. (2014) "The Sociotechnical Perspective," in Tucker, A. and Topi, H. (Ed), 5-1 - 5-27, *Computing Handbook: Information Systems and Information Technology*, 3rd edition, Chapman and Hall, New York.
- Sawyer, S. and Yi, F. (2008) "The Computerization of Service: Evidence of the Effects of Information and Communication Technologies in Real Estate," in Davidson, E., Barrett, M., and DeGross, J. (Eds) *IT and Change in the Service Economy: Challenges and Possibilities for the 21st Century*, London: Kluwer, 199-212.
- Salazar, A. and Sawyer, S. (2007) "Information Technology-enabled Innovation: A Critical Overview and Research Agenda," in Salazar, A. and Sawyer, S. (Eds.), *Handbook of Information Technology in Organizations and Electronic Markets*, Singapore: World Scientific Publishing, 415-444.
- Tapia, A. and Sawyer, S. (2007) "The Sociotechnical Nature of Mobile Computing Work: Evidence from a Study of Policing in the United States," in Stahl, B. (Ed.) *Issues and Trends in Technology and Human Interaction*, Idea Group Publishing, Hershey, PA., 152-171.
- This is an updated version of: Tapia, A. and Sawyer, S. (2005) "The Sociotechnical Nature of Mobile Computing Work: Evidence from a Study of Policing in the United States," *International Journal of Technology & Human Interaction*, 1(3), 1-14.

- Sawyer, S. and Tyworth, M. (2006) "Social Informatics: Principles, Theories and Opportunities," in Berluer, J., Nurminen, M. and Impagliazzo, J. (Eds.) *Social Informatics: An Information Society for All? In Remembrance of Rob Kling*. London, Springer, 49-62.
- Sawyer, S. and Annabi, H. (2006) "Methods as Theories: Evidence and Arguments for Theorizing on Software Development," In Trauth, E., Howcraft, D. and DeGross, J. (Eds.) *Social Inclusion in the Information Society*, London, Kluwer, 397-412.
- Hinnant, C. and Sawyer, S. (2006) Digital Government: Technological Innovation in Public Organizations" in Anttiroiko, A. and Malkia, M. (eds.) *Encyclopedia of Digital Government*, Hershey, PA: Idea Group Press, 571-580.
- Wardell, M., Sawyer, S., Mitory, J. and Reagor, S. (2006) "Paths to Inequality: Women and Men in the IT Workforce," in Trauth, E. (Ed.) *Encyclopedia of Gender and Information Technology*. Hershey, PA: Idea Group Press, 152-160.
- Tapia, A. and Sawyer, S. (2005) "Beliefs about Computing: Contrary Evidence from a Study of Mobile Computing Use" in Lytinen, K., Yoo, Y. and DeGross, J. (Eds.), *Designing Ubiquitous Information Environments Sociotechnical Issues and Challenges*. London: Kluwer, 21-40.
- Sawyer, S. (2005) "Social Informatics and Consumer Health: Opportunities and Issues" in Lewis, D., Eysenbach, G., Kukafka, R., Stavri, Z. and Jimison, H. *Consumer Health Informatics*. New York: Springer-Verlag, 150-161.
- Hinnant, C. and Sawyer, S. (2005) "Electronic Government: Strategies and Research in the U.S.," Khrosowspour, M. (ed.) *Encyclopedia of Information Science and Technology*, Hershey, PA: Idea Group Publishing, 155-164.
- Sawyer, S. and Crowston, K. (2004) "Information Systems in Organizations and Society: Speculating on the Next 25 Years," in Bonnie K., Truex, D., Wastell, D. and Wood-Harper, T. (Eds.) *Relevant Theory and Informed Practice: Looking Forward from a 20 Year Perspective on IS Research*, London: Kluwer, 35-52.
- Sawyer, S. and Tapia, A. (2003) "The Computerization of Work: A Social Informatics Perspective," in George, J. (Ed.) *Computers in Society*. New York: Oxford, 93-109.
- Sawyer, S. and Chen, T. (2002) "Conceptualizing Information Technology in the Study of Information Systems: Trends and Issues," in Myers, M., Whitley, E., Wynn, E. and DeGross, J. (Eds.) *Global and Organizational Discourse about Information Technology*, London: Kluwer, 109-131.
- Eschenfelder, K. and Sawyer, S. (2001) "Web Information Systems Management: Active or Reactive Emergence?" in B. Fitzgerald, N. Russo and J. DeGross (Eds.), *Information Systems Developing in Organizations*, London: Kluwer, 163-182.
- Sawyer, S. (2001) "Analysis by Long Walk: Some Approaches to the Synthesis of Multiple Sources of Evidence," in Trauth, E. (Ed.) *Qualitative Research in IS: Issues and Trends*, Hershey, PA: Idea Group Publishing, 163-190.
- Sawyer, S., (2000) "Studying Organizational Computing Infrastructures: Multi-Method Approaches," in Baskerville, R., Stage, J and DeGross, J. (Eds.) *The Social and Organizational Perspective on Information Technology*, London: Kluwer, 213-231.
- Sawyer, S., Eschenfelder, K. and Heckman, R. (2000), "Knowledge Markets: Cooperation Among Distributed Technical Specialists," in Srikantiah, K. and Koenig, M. (Eds.) *Knowledge Management for Information Professionals*, Medford, NJ: Information Today, 181-204.
- Sawyer, S. and Southwick, R. (1997) "Transitioning to Client/Server: Using a Temporal Frame-work to Study Organizational Change," in Lee, A., Liebenau, J and DeGross, J. (Eds.) *Information Systems and Qualitative Research*, London: Chapman-Hall, 343-351.
- Sawyer, S. and Southwick, R., (1996) "Implementing Client-Server: Issues from the Field," in *The International Office of the Future*, Glasson, B., Vogel, D., Bots, P., and Nunamaker, J. (Eds.), New York: Chapman-Hall, 287-298.

Sawyer, S. and Guinan, P., (1994) "Team-Based Software Development Using an Electronic Meeting System," In *Software Quality and Productivity: Theory, Practice, Education and Training*, Lee, M., Barta, B. and Juliff, P. (Eds.), New York: Chapman-Hall, 76-82.

Editorials (11)

- Loonam, J., Kumar, V., Allen, J.P. and Sawyer, S. (2016) "Special Issues on Exploring Enterprise Social Systems & Organisational Change: Implementation in a Digital Age," *Journal of Information Technology*.
- Sawyer, S. and Winter, S. (2011) "Special Issue on the Future of Information Systems: Prometheus Unbound" *Journal of Information Technology*, 26(4), 4-9.
- Sawyer, S., Griffith, M., Light, B. and Lincoln, S. (2011) "Constructing, Deconstructing and Negotiating the Boundaries of Digital Cultures," *Information Technology & People*, 24(1), 4-9.
- Light, B. and Sawyer, S. (2009) "Digital Culture: Blurred Boundaries and Ethical Considerations," *Journal of Information, Communication and Ethics*, 7(1), 5-8.
- Light, B. and Sawyer, S. (2007) "Locating Packaged Software in Information Systems Research," *European Journal of Information Systems*, 16(3), 307-308.
- Sawyer, S. (2007) "Robert Lamb – On the Way," *The Information Society* 23(5), 307-308.
- Salazar, A. and Sawyer, S. (2007) "Introduction," in Salazar, A. and Sawyer, S. (Eds.), *Handbook of Information Technology in Organizations and Electronic Markets*, Singapore: World Scientific Publishing, 1-12.
- Sawyer, S. (2005) "Social Informatics: A Representative Set of Resources," *Information Technology & People*, 18(1), 4-8.
- Lee, H, Sawyer, S. and Choudrie, J. (2003) "Broadband Internet and Electronic Commerce: Introduction to the Special Issue," *Journal of Information Technology*, 18(4), 227-229.
- Sawyer, S. and Carmel, E. (1998) "Introducing the Special Issue on Packaged Software Development Teams," *Information Technology & People*, 11(1), 4-5.
- Sawyer, S. (1997) "Issues with the State of Software Engineering Research," *IEEE Software*, 14(6), 10.

Articles in Bulletins and Magazines (3)

- Thomas, J., Von Dran, R. and Sawyer, S. (2006) "The i-Conference and the Transformation Ahead," *Bulletin of the American Society for Information Science and Technology*, April/ May, American Society for Information Science and Technology. Available online at: <http://www.asis.org/Bulletin/Apr-06/thomasvondransawyer.html>.
- Sawyer, S. (2005) "Social Informatics: Principles and Opportunities," *Bulletin of the American Society for Information Science and Technology*, June/ July, American Society for Information Science and Technology, 2-6. Available online at: <http://www.asis.org/Bulletin/Jun-05/sawyer.html>.
- Lee, B., Godbey, G. and Sawyer, S., (2003) "SeniorNet," *Parks & Recreation*, 38(10), 22-27.

Teaching Cases (3)

- Sawyer, S., Hinnant, C., and Rizzuto, T. (2006) "Platforms and Planning: Pennsylvania's Transition to Enterprise Computing," in D. Garson (Ed.), *Public Information Technology and E-Governance: Managing the Virtual State*, Bartlet and Jones, 341-348.
- Sawyer, S. (2000) "Peerless Vending System," in Dennis, A. and Haley, B. *Systems Analysis and Design*, New York: Wiley.
- Sawyer, S. and Gibbons, W. (2000) "Implementing Distributed Computing: Parking Gets a New System," in Khrosowspour, M. (Ed.) *Annals of Information Technology Cases*, 2, Hershey, PA: Idea Group Publishing, 24-39.

Book Reviews of (4)

- Wajcman, J. (2016) *Pressed for Time: The Acceleration of Life in Digital Capitalism*, Chicago and London, University of Chicago Press. In *New Technology, Work and Employment*, 31(3), 271-272.
- Brynjolfsson, E. and Saunders, A. (2009) "Wired for Innovation: How Information Technology is Reshaping the Economy. Cambridge, MA: MIT Press. In the *Journal of the American Society of Information Science and Technology*, 60(12).
- Szewczak, E. and Snodgrass, C. (2002). *Managing the Human Side of Information Technology: Challenges and Solutions*, Hershey, PA: Idea Group Publishing. In *The Information Society*, 18(2).
- MacKenzie, D. and Wajcman, J. (1999). *The Social Shaping of Technology*, Second Edition, London: Open University Press. In *The Information Society*, 17(3).

Refereed Conference Proceedings (28)

- Huang, Y., Huo, S., Yao, Y., Niu, C., Wang, J., Grygiel, J. and Sawyer, S. (2016) "Municipal Police Departments on Facebook: What Are They Posting and Are People Engaging?," D.G.O Conference, June 18-20, Shanghai, China.
- Sawyer, S., Fedorowicz, J. and Tomisano, R. (2015) "Patterns of Governance among Inter-organizational Coordination Hubs," *Proceedings of the 2015 International Conference on Information Systems*, Ft. Worth, TX, December 13-15, ACM Press.
- Sawyer, S., Fedorowicz, J., Williams, C., Schrier, R., Dias, M. and Tyworth, M. (2012) "Architectural Patterns of U.S. Public Safety Networks: A Fuzzy Set Qualitative Comparison Analysis," Luna-Reye, L., Mellouli, S and Arens, Y. (eds.) *Proceedings of the 2012 Digital Government Conference*, June 4-7, College Park, MD, ACM press.
- Sawyer, S., Oesterlund, C. and Kaziunas, E. (2012) "Social Scientists and Cyberinfrastructure: Insights from a Document Perspective," Mark, G., Riedl, J. and Grudin, J. (eds.) *Proceedings of the 2012 Conference on Computer-Supported Collaborative Work*, February, 11-15, Seattle, ACM press.
- Fedorowicz, L., Sawyer, S., Williams, C., Markus, M., Tyworth, M., Jacobsen, D., Gantman, S., Dias, M. and Tomisano, A. (2012) "Design Observations Regarding Public Safety Networks," Chun, S. E., Atluri, V. and Luna-Reye, L. (eds.) *Proceedings of the 2011 Digital Government Conference*, June 12-15, College Park, MD, ACM press.
- Fedorowicz, L., Dias, M. and Sawyer, S. (2009) "Design in Digital Government Research, Chun, S. E., Sandoval, R. and Regan, P. (eds.) *Proceedings of the 2009 Digital Government Conference*, May 17-20, Puebla, Mexico, ACM press.
- Purao, S., Vaishnavi, V., Bagby, J., Borthick, F., Cameron, B., Lenze, L., Sawyer, S., Suen, H. and Welke, R. (2008) "Using Problems to Learn Service-oriented Computing," 2008 IEEE International Conference on Services Computing (SCC 2008), 8-11 July, Honolulu, Hawaii, IEEE Press.
- Williams, C., Sawyer, S., Fedorowicz, J., Markus, M., Dias, M., Jacobson, D., Tyworth, M., Vilviosky, S., (2008) "Mapping Theory to Practice: A Cartographic Analysis of Public Safety Networks" in Janssen, M., Chun, S. E. and Gil-Garcia, R. (eds.) *Proceedings of the 2007 Digital Government (D.Go) Conference*, May 18-21, Montreal, Canada, ACM press.
- Sawyer, S., Fedorowicz, J., Tyworth, M., Markus, M.L., and Williams, C. (2007) "A Taxonomy for Public Safety Networks" in Cushing, J. and Pardo, T. (eds.) *Proceedings of the 2007 Digital Government (D.Go) Conference*, May 20-23, Philadelphia, ACM press.
- Tyworth, M. and Sawyer, S. (2006) "Integrated Criminal Justice: ARJIS Case Study," in Cushing, J. and Pardo, T. (eds.) *Proceedings of the 2006 Digital Government Conference*, May 22-24, San Diego, CA, ACM press, 153-155.
- Tyworth, M. and Sawyer, S. (2006) "Organic Development: A Top-Down and Bottom-Up Approach to Design of Public Sector Information Systems," in Cushing, J. and Pardo, T. (eds.) *Proceedings of the 2006 Digital Government Conference*, May 22-24, San Diego, CA, ACM press, 105-112.

- Sawyer, S., Reagor, S., Tyworth, M. and Thomas, J. (2005) "From Response to Foresight: Managing Knowledge and Integrated Criminal Justice," in Newell, S. and Galliers R. (eds.) *Proceedings of the 2005 Organizational Learning and Knowledge Capabilities Conference*, Cambridge, MA, 17-19 March.
- Sawyer, S. and Tyworth, M. (2005) "Integrated Criminal Justice Systems: Designing Effective Systems for Inter-organizational Action," in Cushing, J. and Pardo, T. (eds.) *Proceedings of the 2005 Digital Government Conference*, Atlanta, GA, 15-18 May, ACM Press, 307-308.
- Lee, H. and Sawyer, S. (2002) "Conceptualizing Time and Space: Information Technology, Work and Organization," in, Galliers, B., Applegate, L. and DeGross, J. (eds.) *Proceedings of the 2002 International Conference on Information Systems*, Barcelona, Spain, December 15-18, ACM Press.
- Finalist for best paper.**
- Sawyer, S., (2001) "Socio-technical structures in enterprise information systems implementation: Evidence from a five-year study," *The 2001 IEEE EMS International Engineering Management Conference*, Albany, NY, IEEE Press, 172-178.
- Volkoff, O. and Sawyer, S. (2001) "ERP Implementation Teams, Information Sharing and Consultants," *Proceedings of the 2001 Americas Conference on Information Systems*, Boston, MA, August 6-8.
- Wigand, R., Crowston, K., Sawyer, S. and Albritton, M. (2001) Information and Communication Technologies in the Real Estate Industry: Results of a Pilot Survey. *Proceedings of the Ninth European Conference on Information Systems*, Bled, Slovenia, June 27-29, 339-343.
- Crowston, K, Sawyer, S., Wigand, R. and Albritton, M., (2000) "How do Information and Communication Technologies Reshape Work? Evidence from the Residential Real Estate Industry," in Orlikowski, W., Ang, S., Weill, P., Krcmar, H. and DeGross, J. (Eds), *The 2000 International Conference on Information Systems*. Brisbane, Australia, December 12-15, ACM Press.
- Eschenfelder, K. and Sawyer, S., (2000) "Web IS Management: Results from a Post-Implementation Field Study," *The 2000 America's Conference of the Association of Information Systems*, Long Beach, CA, August 14-17, ACM Press.
- Lamb, R., Sawyer, S. and Kling, R. (2000) "A Social Informatics Perspective On Socio-Technical Networks," *The 2000 America's Conference of the Association of Information Systems*, Long Beach, CA, August 14-17, ACM Press.
- Sawyer, S. (2000) "A Social Perspective on Software Development: Three Models," *The 2000 America's Conference of the Association of Information Systems*. Long Beach, CA, August 14-17, ACM Press.
- Sawyer, S., Crowston, K. and Wigand, R. (1999) "Information Technologies in the Residential Real Estate Industry: Agents and Social Capital," *The 1999 Americas Conference of the Association of Information Systems*, Milwaukee, WI, August 11-14, ACM Press. **Finalist for best paper.**
- Southwick, R. and Sawyer, S. (1999) "Applying Critical Theory to Enterprise-Wide Systems: Critical Views of Organizations, Management and Information Technology" *The 1999 Americas Conference of the Association of Information Systems*, Milwaukee, WI, August 11-14, ACM Press.
- Sawyer, S., Eschenfelder, K., Diekema, A., McClure, C. (1998) "IT Skills in the Context of BigCo," *Proceedings of the 1998 Conference of the Special Interest Group on Computer Personnel Research*, Boston, MA, April 11-13, ACM Press, 121-129.
- Southwick, R. and Sawyer, S., (1997) "Implementing Client/Server Technology: Accounting for Temporal Factors in Studying IT-Based Change" *Proceedings of the 1997 AIS Americas Conference*, Indianapolis, IN, August 10-13, ACM Press, 318-321.
- Eschenfelder, K., Sawyer, S. and Heckman, R., (1996) "Cooperation Among Technical Specialists in a Distributed Computing Environment," *Proceedings of the 1996 International Conference on Information Systems*, J. DeGross, S. Jarvenpaa, and A. Srinivasan, (Eds.), Cleveland, OH, December 16-18, ACM Press.
- Sawyer, S., (1996) "Technology as Folklore: A Study of Change Through New Technology," *Proceedings of the 1996 AIS Americas Conference*, J. Carey, (Ed.), Phoenix, AZ, 77-79.

- Heckman, R. and Sawyer, S., (1996) "The Information Resource Acquisition Process," *Proceedings of the 1996 AIS Americas Conference*, J. Carey, (Ed.), Phoenix, AZ, August 12-15, ACM Press, 207-209.
- Sawyer, S. and Guinan, P., (1995) "Application Development as Culture," *Proceedings of the 1995 AIS Americas Conference*, M. Ahuja, D. Galletta and H. Watson, (Eds.), Pittsburgh, PA, August 16-18, ACM Press, 54-56.

Refereed Conference Presentations, Sessions and Panels (56)

- Carmel, E. and Sawyer, S. (2016) "Future of the Workplace: Beyond 2030," The International Federation of Information Processing, Working Group 9.1 (Computers and Work) Workshop, 11 December, Dublin, Ireland.
- Sanfillippo, M., McCoy, C., Marcinkowski, M., Meyer, E., Sawyer, S. and Rosenbaum, H. (2016) "Social Informatics of Big Data," 2016 Annual Meeting of the Association for Information Science and Technology, 14-18 October, Copenhagen, DK.
- Sharma, S., Willis, M., Sawyer, S. and Oesterlund, C. (2016) "Virtual Chaos, Face-to-Face Confusion: Academics and Document Stewardship in Virtual Collaborations," 2016 Science of Team Science Conference, 16-19 May, Phoenix, AZ.
- Willis, M., Sharma, S., Sawyer, S. and Oesterlund, C. (2016) "Personal Infrastructures of Distributed Scientific Collaboration," The 2016 iConference, 20-23 March, Philadelphia, PA. [co-organizer]
- Erickson, I. and Sawyer, S. (2015) "Infrastructural Competence and the Changing Nature of Knowledge Work," 2015 Annual Meeting of the Society for the Social Studies of Science, 12-14 November, Denver, CO.
- Sharma, S. and Sawyer, S. (2015) "Data Sharing Practices among Distributed Scientific Collaborators," 2015 Annual Meeting of the Society for the Social Studies of Science, 12-14 November, Denver, CO.
- Sharma, S., Willis, M., Sawyer, S. and Oesterlund, C. (2015) "The Crystallization of Longitudinal Email Communication in Distributed Virtual Work," 2015 Annual Meeting of the Society for the Social Studies of Science, 12-14 November, Denver, CO.
- Sabaghian, E., Sharma, S., and Sawyer, S. (2015) "Four Approaches to Conceptualizing Infrastructure: Useful Diversity, Limited Coherence and Munificent Potential," The Innovations in Information Infrastructure Workshop, 13-15 October, University of Warwick, Warwick, UK.
- Erickson, I., Jarrahi, M. H., Thomson, L., and Sawyer, S. (2014) "More than Nomads: Mobility, Knowledge Work and Infrastructure," 30th Conference of the European Group for Organizational Studies (EGOS), 3-5 July, Rotterdam, Netherlands.
- Erickson, I., Warren, A., Sawyer, S., Shankar, K., Eschenfelder, K. (2014) "Accelerating Sociotech Scholarship in the iSchool Community," The 2014 iConference, 4-9 March, Berlin, Germany. [co-organizer]
- Oesterlund, C., Geiger, S., Ribes, D., Sawyer, S., Shankar, K. (2014) "What to do with all those traces people leave behind: Culture, Context, Computing?" The 2014 iConference, 4-9 March, Berlin, Germany. [moderator]
- Erickson, I., Eschenfelder, K., Goggins, S., Hemphill, L., Sawyer, S., Shankar, K. and Shilton, K. (2014) "The Ethos and Pragmatics of Data Sharing," The 2014 ACM Conference on Computer-Supported Cooperative Work, 16-19 February, Baltimore, MD. [panelist]
- Sawyer, S. (2012) De-Boundaried Work and De-Boundaried Workers: Insights from the Vanguard. Annual Meeting of the Society for the Social Studies of Science, October 17-21, Copenhagen, DK.
- Kuehn, A. and Sawyer, S. (2011) The Distribution of Agency and Responsibility: A Comparative Analysis of Three Theoretical Perspectives Focused on Cloud Computing. Annual Meeting of the Society for the Social Studies of Science, November 2-5, Cleveland, OH.
- Sawyer, S., Venkatesh, M., Iavari, J., Urquhart, C., and Light, B. (2011) The Social Design of

- Information Systems. The IFIP 8.2 Working Conference on Researching the Future, June 6-8, Turku, Finland.
- Kaziunas, E., Sawyer, S. and Østerlund, C. (2011) Social Scientists, Documents, and Cyberinfrastructure: The Cobbler's Children or the Missing Masses? *Proceedings of the iConference 2011*, February 8-11, Seattle, WA. Available online at: <http://www.ischools.org/oc/conference11/>.
- Jarrahi, M. H. and Sawyer, S. (2010) "Informal Networks of Innovation," 2010 Academy of Management Annual Meeting, 6-10 August, Montreal, Canada.
- Østerlund, C., Sawyer, S. and Kazianus, E. (2010) Documenting Work: A Methodological Window into Coordination in Action, 26th Conference of the European Group for Organizational Studies (EGOS), 3-6 July, Lisbon, Portugal.
- Wiggins, A. and Sawyer, S. (2010) "Intellectual Diversity in iSchools: Past, Present and Future," Proceedings of the 2010 I-Conference, 3-6 February, Champaign-Urbana, IL. Available online at: <http://www.ischools.org/oc/conference10/>.
- Sawyer, S., Østerlund, C., Haythornthwaite, C., Kaziunas, E., Hennagir-Barkas, S. and K. Link (2009) "Organizing Around Documents and the Doing of Science," The IFIP 9.1 Computers and Work Workshop, 18 December, Phoenix, AZ.
- Sawyer, S. and Jarrahi, M. H. (2009) "Informal Networks of Innovation: Stability in 'Smallish' Worlds, the Presence of Actants, and Institutions in the Background," Workshop on Innovation in Networks, Stern School of Business, New York University, 25-26 September, New York, NY. Available online at: <http://www.winworkshop.net/index.php>. (poster)
- Jarrahi, M. H. and Sawyer, S. (2009) "Contextuality and Information Systems: How Can the Interplay Between Paradigms Help?", The 2009 I-Conference, 9-12 February, Raleigh, NC. Available online at: <http://www.ischools.org/oc/conference09/>.
- Wiggins, A., Crowston, C., Sawyer, S., Ribes, D. (2009) "Little e-Science, Big e-Science," The 2009 I-Conference, 9-12 February, Raleigh, NC, Available online at: <http://www.ischools.org/oc/conference09/>.
- Sawyer, S. and Jarrahi, M. (2008) "Innovation work: Observations from a Case Study of Microsoft's Surface Computing Project," IFIP 9.1 Workshop on Changing Work, Changing Technology, 8 November, 2008, San Diego, CA.
- Tyworth, M. and Sawyer, S. (2008) 'Social Informatics and the Social Analysis of Computing,' Fourth Annual ASIST Special Interest Group on Social Informatics Research Symposium, 25 October, 2008, Columbus, OH.
- Davidson, E., Ramiller, N., Wagner, E., and Sawyer, S. (2008) "Turning products into services and services into products: Contradictory implications of information technology in the service economy," IFIP 8.2 Working Conference on "IT and Change in the Service Economy: Challenges and Possibilities for the 21st Century," 10-13 August, Toronto, Canada.
- Sawyer, S. and Rosenbaum, H. (2008) "I-Schools: Mice Roaring or the Future is Now Arriving," The 2008 I-Conference, 28 February-1 March, Los Angeles, CA. Available online at: <http://www.ischools.org/oc/conference08/>.
- Avital, M., Lytinen, K., Sawyer, S., King, J., Kraemer, K., and Sambamurthy, V. (2007) "Data Rich and Data Poor Scholarship: Where Does IS Research Stand," International Conference on Information Systems, 10-12 December, Montreal, Canada.
- Sawyer, S. and Tyworth, M. (2007) "Governance Structures for Inter-organizational Systems: Insights from Integrated Criminal Justice Systems," part of panel organized by C. Hinnant on "Examining Socio-Technical Factors That Influence the Development of E-Government," Twenty-Ninth Annual APPAM Research Conference, 8-10 November, Washington, DC.
- Sawyer, S. (2007) "Cyberinfrastructure: Data Rich and Data Poor Science," Society for the Social Studies of Science, 10-13 October, Montreal, Canada.

- Briscoe, F., Sawyer, S. and Wardell, M. (2007) "Personal Flexibility and Independent Contracting: Evidence for a Contingency Approach," Session on Implementing Flexibility Across Contexts: Research Gaps and Future Directions, Human Resources, Gender & Diversity in Organizations, and Organizational Behavior Programs of the Academy of Management, 5-8 August, 2007, Philadelphia, PA.
- Sawyer, S. and Tyworth, M. (2006) "E-Government: Contrasting Approaches and Insights," Journal of Information, Communication & Society's 10th Anniversary International Symposium, 20-22 September, York, England.
- Briscoe, F., Wardell, M. and Sawyer, S. (2006) "(Where) Is Technical Contracting Flexible?" Organizational Management Theory Program of the Academy of Management, 9-12 August, 2006, Atlanta, GA.
- Tyworth, M. and Sawyer, S. (2006) "Integrated Criminal Justice System Design: Designing an Appropriate Governance Structures," Conference on Information Systems for Crisis Response and Management, 13-17 May, Newark, NJ.
- Rosenbaum, H., Davenport, L., Day, D. and Sawyer, S. (2005) "Sparkling Synergies between Research and Practice: The Contribution of Social Informatics," American Society of Information Science and Technology Annual Meeting, 28 October -2 November, Charlotte, NC. [panelist]
- Sawyer, S. (2005) "Grand Challenge: Building Integrative Knowledge on Computing, The First I-Conference, 28-30 September, University Park, PA.
- Tapia, A. and Sawyer, S. (2005) "Always Articulating: Theorizing on Using Information and Communication Technologies" Communication and Information Technology Section Mini-Conference, American Sociological Association, 12 August, 2005, Philadelphia, PA [co-presenter].
- Kvasny, L., Sawyer, S. and Puro, S. (2004) "The Digital Divide and Information Systems Research: Stepping Up or Stepping Away?" MISRC/CRITO Symposium on the Digital Divide, August 27-28, 2004, Minneapolis, MN.
- Tapia, A. and Sawyer, S. (2004) "Pervasive Utopic Thinking in Ubiquitous Computing Environments," American Sociological Association Track on Social Impacts of Communication and Information Technologies, August 14-18, Chicago, IL.
- Tapia, A. and Sawyer, S. (2004) "Organizational Articulation, Change and Growth: Mobile Technologies and Criminal Justice Personnel," Workshop on Socio-Technical Action, June 3-4, Edinburgh, Scotland.
- Wigand, R., Iacono, S., Markus, L., Steinfield, C., Sawyer, S. and Crowston, K. (2003) "The Dark Side of Information and Communication Technologies: A View from the Industry-Level of Analysis," International Conference on Information Systems, December 10-14, Seattle, WA. [panelist]
- Hinnant, C. and Sawyer, S. (2003) "'From Keystone to E-Stone: Assessing Architectural Innovation in State Government," National Public Management Research Conference, October 9-11, Washington, DC. [co-presenter]
- Kilduff, M., Sawyer, S. and Liberti, T. (2003) "Economizing on Bounded Rationality: Theorizing the New Process Machine in Organizations," The EGOS Workshops, June 2-4, Copenhagen, DK.
- Kaplan, B., Kvasny, L., Sawyer, S. and Trauth, E. (2002) "New Words and Old Books: Challenging Conventional Discourses about Domain and Theory in Information Systems Research," in Myers, M., Whitley, E., Wynn, E. and DeGross, J. (Eds.) *Global and Organizational Discourse About Information Technology*, London: Kluwer, 539-545. [panelist]
- Kling, R. and Sawyer, S. (2002) "Work, IT and Organizational Change: An Institutional Perspective," The 2002 INFORMS Conference, November 17-20, San Jose, CA. [presenter]
- Sawyer, S. and Bauchspies, W. (2002) "Conceptualizing Information Technology: Trends and Issues," Society for the Social Study of Science 2002 Annual Conference, November 7-9, Milwaukee, WI. [co-presenter]

- Kvasny, L. and Sawyer, S. (2002) "*Reproduction of Inequality through Information Technology*," The CPSR Conference on Shaping the Network Society, May 15-17, Seattle, WA.
- Sawyer, S. and Chen, T. (2001), "*Five Ways to Study Computing: Issues and Evidence*," The IFIP8.2 OASIS Workshop, December 12, New Orleans, LA. [presenter]
- Malin, J., Millitello, L, Patterson, E., Sawyer, S. and Gorman, P. (2001), "*Help and Hindrance: Impact of Automation on Experts Collaborating in High Stakes Settings*," Annual Conference of the American Medical Informatics Association, Washington, DC. [panelist]
- Sawyer, S. (1999) "*Conceptualizing Software Development Teams: Three Models and Their Implications*," The IFIP8.2 OASIS Workshop, December 10, Charlotte, NC.
- Baskerville, R., Harvey, L., Sawyer, S., Trauth, E. and Truex, D. (1999) "*The Uses and Abuses of Evaluative Methods for Qualitative Research Methods*," IFIP 8.2 Working Conference, August 24-27, St. Louis, MO. [panelist]
- Von Dran, R., Wigand, R, Crowston, K., Benjamin, R and Sawyer, S. (1999) "*New Models for IS Education: The Information School*," The 1999 Americas Conference of the Association of Information Systems, August 13-16. Milwaukee, WI. [panelist]
- Crowston, K., Sawyer, S. and Wigand, R. (1999) "*The Interplay Between Structure and Technology: Investigating the roles of Information Technologies in the Residential Real Estate Industry*," 1999 Academy of Management Conference, August 8-12, Chicago, IL. [presenter]
- Sawyer, S. (1998) "*Advances in Social and Organizational Informatics: Implications for Information Science*," (with H. Rosenbaum, C. Hert, and E. Davenport), The 1998 Annual Conference of the American Society for Information Science, Pittsburgh, PA. [panelist]
- Sawyer, S. (1997) "*Multi-Method Research in Information Systems: Some Experiences*," (with J. Coopriider, R. Galliers, M. Gallivan and B. Kaplan), The 1997 International Conference on Information Systems, Atlanta, GA. [panel moderator]
- Kaplan, B., Trauth, E., Baskerville, R. and Sawyer, S. (1997) "*Broadening the Study of Information Systems*," The IFIP8.2 OASIS Workshop, Atlanta, GA. [panelist]
- Sawyer, S., (1995) "*Organizational Issues with Client/Server Computing*," Research Exchange at The 1995 International Conference on Information Systems, Amsterdam, NL. [organizer]
- Sawyer, S., (1995) "*Organizational Change and Technology Change: Studying Work as it Changes*," Society and the Future of Computing '95 Conference, Durango CO.

Invited Addresses, Presentations, Panels, Seminars and Workshops (31)

- Eschenfelder, K., Voida, S., Sawyer, S., Khazraee, E. (2016) Socio-tech Crash Course Workshop, The 2016 iConference, 20 March, Philadelphia, PA. [co-organizer]
- Sawyer, S. (2015) "Studying Work: Post-Computerization Thinking," The International Federation of Information Processing, Working Group 9.1 (Computers and Work), Workshop, 12 December, Ft. Worth, TX [keynote].
- Sawyer, S. (2015) "Studying Information and Communication Technologies beyond Organizational Boundaries," The International Federation of Information Processing, Working Group 8.2 (Computers in Organizations and Society), Workshop, 12 December, Ft. Worth, TX [keynote].
- Sharma, S. and Sawyer, S. (2015) "Governance of Scholarly Digital Infrastructures: Comparing Interoperability, Interconnection, Capacity Management, and Systems Management," Syracuse Libraries Librarians' Affinity Group, 19 November, Syracuse University, Syracuse, NY.
- Sawyer, S., and Sharma, S. (2014) "We're Close, but not Like That: Sharing Everything but the Data," Workshop on Sharing, Re-use and Circulation of Resources in Cooperative Scientific Work, 15 February, Baltimore, MD [invited presenter].
- Fichman, P. Eschenfelder, K., Hara, N., SanFillipo, M., Meyer, E., Rosenbaum H. and Sawyer, S. (2013) "Social Informatics: Then and Now," ASIST Annual Conference, 2-6 November, Montreal, Canada. [panelist]

- Purao, S., DeSouza, K., Sawyer, S. and Vinze, A. (2012) "Living on Earth while Working on Mars: Reflections on Interdisciplinary Scholarship," The Workshop on Information Technology and Systems, 15-16 December, Orlando, FL [invited panelist]
- Sawyer, S. (2012) "Assemblages and Infrastructures" Innovations in Infrastructures Workshop, Edinburgh University, 9-11 October, Edinburgh, Scotland [invited keynote].
- Sawyer, S. (2011) "Busier than Ever: Doing More to be Less Busy" NSF Workshop on Busyness and IT, 5-7 May, Seattle, WA [invited participant].
- Forte, A., Goggins, S., Rotman, D., Erickson, I., Eschenfelder, K., Shankar, L, Mentis, H. and Sawyer, S., (2011) "A Workshop on the Science of Socio-Technical Systems in iSchools," The 2011 I-Conference, 9-12 February, Raleigh, NC, Available online at: <http://www.ischools.org/oc/conference11/> [co-organizer].
- Sawyer, S. (2010) "Qualitative Inquiry and 'Big' Science" The 10th Annual Qualitative Research in IT & IT in Qualitative Research Conference, 29-30 November, Brisbane, Australia [invited keynote address].
- Sawyer, S. (2009) "Advancing Social Informatics," The 5th Annual Social Informatics Research Symposium on "People, Information, Technology: The Social Analysis of Computing in a Diverse and Pluralistic World," ASIST Special interest group on social informatics, 7 November, Vancouver, BC, Canada [invited keynote address].
- Sawyer, S. (2009) "Trends in Information and Communication Technologies in Public Security," The Inter-American Development Bank's Workshop on "*New Frontiers of Action and New Challenges of Management in Citizen Security*," 9 October, San José, Costa Rica [invited presenter/ only presenter from U.S.].
- Goggins, S., Floyd, I., Erickson, I., Ribes, D., Forte, A., Reddy, M., Grudin, J. and Sawyer, S., (2009) "A Workshop on the Science of Socio-Technical Systems in iSchools," The 2009 I-Conference, 9-12 February, Raleigh, NC, Available online at: <http://www.ischools.org/oc/conference09/> [co-organizer].
- Sawyer, S. (2008) "Humans and Machines or Humans for Machines: New Production Technologies and Organizing," Workshop on the Social Study of Software, Edinburgh University, March 19-20, Edinburgh, Scotland, UK [invited presenter: only presenter from U.S.].
- Sawyer, S. (2007) "Computerization in the U.S. Residential Real Estate Industry, Trends and Opportunities," The Council of Multiple Listing Services Annual Conference, October, 11, Seattle, WA [invited keynote speaker].
- Fedorowicz, J., Creswell, T., Sawyer, S., Williams, C. and Pardo, T (2007), "Classifying Interagency Information Sharing Initiatives for Research About Practice," Workshop preceding the 2007 Digital Government (D.GO) Conference, 23 May, Philadelphia, PA [co-organizer].
- Sawyer, S. (2006) "Reflections on iSchools," The Second Annual I-Conference, I-Schools Project, October 15-17, Ann Arbor, MI [invited comments].
- Sawyer, S. (2005) "Computerization in the U.S. Residential Real Estate Industry, 1995-2004," The American Antitrust Institute Symposium on Competition in the Residential Real Estate Brokerage Industry, November, 8, Washington, DC [invited presenter].
- Wardell, M., Sawyer, S., Reagor, S. and Mitory, J. (2005) "Women in the United States' IT Workforce: Current Status and Issues," Women, Work & IT: Contemporary perspectives on the reproduction of gender inequality in employment, June 28-30, Brisbane, Australia [co-author].
- Sawyer, S. and Tapia, A. (2005) "From Findings to Theories: Speculating on the Future of Social Informatics," Social Informatics Workshop, National Science Foundation and the Center for Research on Information Technology and Organizations of the University of California at Irvine, March 11-12, Irvine, CA [invited presenter].

- Eschenfelder, K., Hara, N., Rosenbaum, H., Sawyer, S. and Lamb, R. (2004) "Social Informatics and Library and Information Science," ASIST Annual Conference, American Society of Information Science and Technology, November 16-19, Providence, RI [co-organizer].
- Sawyer, S. (2004) "IT and the States: Pennsylvania's Efforts – 1993-2003," IT and the States Planning Meeting, Computer Science and Telecommunications Board, National Academies of Science, July 15-16, Washington, DC [invited panelist].
- Luo, W., Holland, C., Sawyer, S. and Strong, D. (1999) Mini-Panel: A Research Agenda for ERP Systems, The 1999 Americas Conference of the Association of Information Systems, Milwaukee, WI [invited panelist].
- Englot, A, Sawyer, S. and Schneider, G. (1999) The Roles of Information Technology in Faculty Worklife, The 1999 Conference on Preparing Future Faculty, Blue Mountain Lake, NY [seminar leader].
- Sawyer, S. and Bargainnier, S., (1996) "Technology: Tool or Toy? The Value-Adding Perspective of Information Technology Use," NYSFPHE Annual Conference, Utica, NY [presenter].
- Sawyer, S., (1996) "The Fallacy of Studying New Information Technology," Conference on Culture, Technology and the Human Experience, State University of New York, Oswego NY [presenter].
- Sawyer, S., (1995) "Performance and the Use of CASE Tools in Applications Development," Methods Engineering Seminar, University of Twente, Department of Computer Science, Twente, Netherlands [invited presenter].
- Sawyer, S. and Heckman, R., (1995) "A Model of the Information Resource Acquisition Process," 7th Fall Conference on Managing Advanced Information Technologies, Syracuse NY [invited presenter].
- Sawyer, S., (1994) "Field Experiences with Software Development: A Team Perspective," Proceedings of the 16th Minnowbrook Conference on Software Engineering, Blue Mountain Lake NY [presenter].

Technical Reports and Reports to Sponsors (21)

- Fedorowicz, J. and Sawyer, S., (2012) "Design Principles for Collaborative Networks," 18 January, (for the IBM Center for the Business of Government, Arlington, VA).
- Sawyer, S., Jarrahi, M. H, Gupta, C, Pandit, H.D., (2010) JPMC/SU Informal Networks of Sharing Project Report, Syracuse University, 10 May, (for JP Morgan Chase, New York, NY).
- Sawyer, S. and Yi, F. (2007) "Information and Communication Technologies in Real Estate: Evidence and Comparison to Five Industries," The Pennsylvania State University, 13 September, (for National Association of Realtors, Washington, DC).
- Sawyer, S. and Puro, S. (2007) "Nominal Model of Virtual Work," The Pennsylvania State University, 12 July, (for Credit Suisse, New York).
- Hall, D., Sawyer, S., Haynes, S., Bikdash, M., Ranka, S. (2006) "Knowledge Management," The Pennsylvania State University, 23 February, (For Defense Threat Reduction Agency, Fort Belvoir, VA).
- Sheetz, K. and Sawyer, S. (2006) "The Work of Intelligence Analysts," The Pennsylvania State University, 23 February, (For Defense Threat Reduction Agency, Fort Belvoir, VA).
- Sawyer, S. (2005) "Local Real Estate Market Competition: Evidence and Insight from an Analysis of 12 Local Markets, The Pennsylvania State University, August 17 (For National Center for Real Estate Research, Washington, DC).
- Wardell, M, Rogers, J. and Sawyer, S. (2004) "Women in the IT Workforce: How Level is the Playing Field?" National Science Foundation, IT Workforce Principal Investigators Meeting, 23-26 October, Philadelphia, PA.
- Hinnant, C. and Sawyer, S. (2003), *From Keystone to E-Stone: Assessing Architectural Innovation in State Government*, The Pennsylvania State University and University of Georgia, December 5 (For IBM Endowment for the Business of Government, Washington, DC).

- Sawyer, S., Tapia, A., and Newton, M. (2003) "3G Mobile Access to JNET: Final report of the Field Trial," School of Information Sciences and Technology, The Pennsylvania State University, September 30. (For Lucent Technologies' Mobility Solutions Unit, Commonwealth of PA, Office of Information Technology, Justice Network (JNET) Program and Boston University's Institute for Leading in a Dynamic Economy).
- Crowston, K., Wigand, R., Sawyer, S., and Albritton, M. (2003) "Towards Friction-Free Work: The Uses of Information Technology in the Real Estate Industry" School of Information Studies, Syracuse University, June 30. (For National Science Foundation, Arlington, VA).
- Sawyer, S., Glantz, E., Sapovchak, M., Murphy, C., and Kamerer, E. (2003) "An Overview of Mobile Technologies in Local Governments," School of Information Sciences and Technology, The Pennsylvania State University, February 15. (For Lucent Technologies' Mobility Solutions Unit).
- Sawyer, S., Liberti, T., and Kilduff, M. (2002) "Knowledge Transfer Issues with the Architecture-Based Development Process and Integrated Programming Environment Tool Set at Lockheed Martin's Management and Data Systems Division," School of Information Sciences and Technology, The Pennsylvania State University, November 15 (For Lockheed Martin's Management and Data Systems).
- Hall, D. Byrne, C., Kumara, S., Sawyer, S., and Prabhu, V. (2002) "The USMC Reserve Manpower Management System, Phase 1," The Pennsylvania State University, August 30 (For the United States Marine Corps' Office of Personnel).
- Albritton, M., Crowston, K., Sawyer, S. and Wigand, R. (2001) "Information and Communication Technologies in the Real Estate Industry: Results of a Survey of Residential Real Estate Agents in the Greater Syracuse Area," Center for Digital Commerce, Syracuse University, June 30 (For Greater Syracuse Association of Realtors).
- Eschenfelder, K. and Sawyer, S., (2000) "Web IS Management: Results from a Post-Implementation Field Study," Syracuse University School of Information Studies, 30 October (For Lattanze Center, Loyola College, MD).
- Kling, R., Crawford, H., Rosenbaum, H., Sawyer, S. and Weisband, S., (2000), "Information Technologies in Human Contexts: Learning from Organizational and Social Informatics," Report on the 1997 Workshop on Social Informatics, National Science Foundation, School of Library and Information Science, Indiana University, 1 October (For National Science Foundation, Washington, DC).
- Sawyer, S. (1999) "The Killer Application in State Government: A Socio-technical Analysis," The School of Information Sciences and Technology, The Pennsylvania State University, August 15 (For Lockheed Martin's Management and Data Systems Division).
- Sawyer, S., Eschenfelder, K., Diekema, A., McClure, C., (1998) "IT Skills and Workforce Scenarios at Corning, Inc.," The School of Information Studies, Syracuse University, December 5 (For Corning, Inc.'s Chief Information Officer).
- Guinan, P., Coopridge, J. and Sawyer, S. (1995) "Teams and CASE Technology in Support of Applications Development: Results of a Longitudinal Study," The Systems Research Center, School of Management, Boston University, November 1 (For IBM's Santa Theresa Laboratory and the Boeing Corporation's Information Systems Group).
- Sawyer, S. (1994) "Group and Team Performance in Systems Development." The Systems Research Center, School of Management, Boston University, November 1 (For IBM's Santa Theresa Laboratory and the Boeing Corporation's Information Systems Group).

Invited Presentations (58)

- Sawyer, S. (2016) "Infrastructural Competence, Digital Assemblages, and Nomadic Work" iSchool, University of Texas, 29 November, Austin, TX.
- Sawyer, S. (2015) "Infrastructural Competence, Digital Assemblages, and Nomadic Work" Department of Information Science, College of Media, Communication and Information, University of Colorado,

- 10 November, Boulder, CO.
- Sawyer, S. (2015) "The Sociotechnical Perspective," Department of Media and Information, College of Arts and Sciences, Michigan State University, 24 September, Lansing, MI.
- Sawyer, S. (2015) "The Sociotechnical Perspective," Business Information Systems Department, Faculty of Management, Auckland University of Technology, 1 May, Auckland, NZ.
- Sawyer, S. (2015) "Nomadic Work, Infrastructural Competence and Digital Assemblages," Business Information Systems Department, Faculty of Management, Auckland University of Technology, 30 April, Auckland, NZ.
- Sawyer, S. (2015) "Learning from how others share: Insights from a Nationwide study of Public Safety Networks," San Francisco University, 9 April, San Francisco, CA.
- Sawyer, S. (2014) "Learning from how others share: Insights from a Nationwide study of Public Safety Networks," South Florida Regional Meeting of Chiefs of Police, 30 September, Coral Gables, FL.
- Sawyer, S. (2014) "Nomadic Work, Infrastructural Competence and Digital Assemblages," Rob Kling Center for Social Informatics, University of Indiana, 26 September, Bloomington, IN.
- Sawyer, S. (2014) "Digital Assemblages," School of Communication and Information, Rutgers University, 1 May, New Brunswick, NJ.
- Sawyer, S. and Fedorowicz, J. (2014) "Governance of Public-Safety Networks: Results from a fuzzy-set Qualitative Comparative Analysis, Center for Technology and Governance, University at Albany, 16 April, Albany, NY.
- Sawyer, S. (2013) "Documents and the Doing of Science: Insights from Contemporary Practice, University College Dublin, 24 April, Dublin, Ireland.
- Sawyer, S. (2010) "From Findings to Theories: The Future of Social Informatics," Griffith University, 26 November, Brisbane, Australia.
- Sawyer, S. (2010) "Informal Structures of Innovation: Insights from the Surface Computing Community," Information Systems and Operations Management, The University of Auckland, 23 November, Auckland, New Zealand.
- Sawyer, S. (2010) "Social Informatics and the Study of Computing in Organizations," Department of Management and School of Information Studies, Florida State University, 2 April, Tallahassee, FL.
- Sawyer, S. (2009) "Negotiated Arrangements and Technological Reasoning: Information Infrastructures in U.S. Policing," Institute for the Study of Science, Technology and Innovation, University of Edinburgh, 14 September, Edinburgh, Scotland, UK.
- Sawyer, S. (2008) "Humans and Machines or Humans for Machines: New Production Technologies and Organizing," School of Information Studies, Syracuse University, March 7, Syracuse, NY.
- Sawyer, S. (2008) "From Computerization to Informatization: Social Actions and Economic Value in the U.S. Residential Real Estate Industry," Oxford Internet Institute, University of Oxford, January 14, Oxford, UK.
- Sawyer, S. (2007) "Informational Work: Evidence and Theorizing from the U.S. Residential Real Estate Industry," Center for Digital Transformation Fall Research Meeting, Smeal College of Business, Penn State, November 1, State College, PA.
- Sawyer, S. (2007) "Computerization and the Social Nature of Economic Activity: Evidence and Theorizing from the U.S. Residential Real Estate Industry," Center for Information Systems in Organizations and Society, Informatics Research Institute, Salford Business School, Salford University, October 4, Manchester, UK.
- Sawyer, S. (2007) "The Social Nature of Economic Activity: Evidence and Theorizing from the U.S. Residential Real Estate Industry," Center for Research on Electronic Work, University of Michigan, School of Information, May 22, Ann Arbor, MI.

- Sawyer, S. (2007) "Organic Development: Designing Public Sector Information Systems from the Top-down and the Bottom-up," School of Information Studies, Drexel University, May 1, Philadelphia, PA.
- Sawyer, S. (2007) "Cyberinfrastructure, Services Science and Computerization: Evidence and Theorizing using the U.S. Residential Real Estate Industry," Golisano College of Computing and Information Science, Rochester Institute of Technology, April 9, Rochester, NY.
- Sawyer, S. (2007) "Data Rich Fields, Data Poor Fields and Information Systems," Information Systems Department, Case Western Reserve University, March 30, Cleveland, OH.
- Sawyer, S. (2007) "Computerization and the Social Nature of Economic Activity: Evidence and Theorizing from the U.S. Residential Real Estate Industry," Information Science Colloquium, Cornell University, January 31, Ithaca, NY.
- Sawyer, S. (2006) "Working Whenever," Research Unplugged Series, Penn State University, 11 October, State College, PA. See <http://www.rps.psu.edu/unplugged/fall06/sawyer.html>.
- Sawyer, S. (2006) "Social Informatics and Studies of Computerization: Principles and Contrasts," Sociology Department, Darmstadt University, March 30, Darmstadt, Germany.
- Sawyer, S. (2005) "Social Informatics and Studies of Computerization: Overview and Debate," Department of Informatics, Umea University, April 27, Umea, Sweden.
- Sawyer, S. (2005) "Social Informatics and Studies of Computerization: Overview, Debate and One Perspective," School of Informatics, University of Buffalo, March 30, Buffalo, NY.
- Sawyer, S. (2004) "The Three Archetypes of Software Development Teams and Implications," December 4, Viktoria Institute, Goteborg, Sweden,
- Sawyer, S. (2004) "Conceptualizing Information, Technology, and People: Comparing Information Science and Information Systems Literatures, December 1, Swedish Royal School of Librarianship, Boras, Sweden.
- Sawyer, S. (2004) "Market-Based Models of Information Systems Development," INFWEST.IT Doctoral Workshop on Software Development, March 26-28, Porri, Finland.
- Sawyer, S. (2004) "Mobile Computing and Policing: Trends and Observations from US Efforts," Helsinki School of Economics, March 25, Helsinki, Finland.
- Sawyer, S. (2003) "Process or Product?: Examining Software Development Practices," American University Information Systems Lecture Series, December 10, Washington, DC.
- Sawyer, S. (2003) "The Wired Agent: Emerging Roles for ICT use among Residential Real Estate Agents," The Real Estate Service Providers (RESPRO) Annual Meeting, October 30, San Francisco, CA.
- Sawyer, S. (2003) "Knowledge Co-Construction among ERP Team Members," Pennsylvania State University Enterprise Integration Consortium Spring Meeting.
- Sawyer, S. (2002) "Social Informatics and the Computerization of Work: Common Findings and some Propositions," University of Wisconsin, Madison.
- Sawyer, S. (2002) "Social Informatics and STS: Common Issues and Connections," Science, Technology and Society Program, The Pennsylvania State.
- Sawyer, S. (2002) "Social and organizational structures in information systems implementation: Evidence from a five year study," Bath University, Bath, UK.
- Sawyer, S. (2002) "Social and organizational structures in information systems implementation: Evidence from a five year study," Brunel University, Uxbridge, UK.
- Sawyer, S. (2002) "Library/Information Science and Management Information Systems Research: Convergence or Divergence," The Florida State University, Tallahassee, FL (The Frances Eppes lecture).
- Sawyer, S. (2001) "The Social Processes and Performance Patterns of Information Systems Development Teams: A Longitudinal Perspective," The Ohio State University, Columbus, OH.

- Sawyer, S. (2001) "Social and organizational structures in information systems implementation: Evidence from a five year study," Worcester Polytechnic University, Worcester, MA.
- Sawyer, S. (2000) "The Information School: Observations about being multi-disciplinary," University of Hawaii, Manoa, HI.
- Sawyer, S. (2000) "Social and organizational approaches to the study of information systems: Evidence from an ERP implementation," University of Hawaii, Manoa, HI.
- Sawyer, S. (2000) "The five ways to study computing," University of Washington, Seattle, WA (The ISI/Samuel Lazerow Memorial lecture).
- Sawyer, S. (2000) "The Social Embeddedness of Transactions: Evidence from the Residential Real Estate Industry," Smeal College of Business MSIS Workshop, The Pennsylvania State University, State College, PA.
- Sawyer, S. (2000) "Social and organizational structures in information systems implementation: Evidence from a five year study," Information Systems Department, Case Western Reserve University, Cleveland, OH.
- Sawyer, S. (2000) Prepared testimony to the House Democratic Policy Committee Hearing on E-World Technology.
- Eschenfelder, K. and Sawyer, S. (1999) "Dealing With Web Management Problems: Knowledge Sharing and the Importance of Social Networks for WWW Information System Managers," Lattanze Foundation at Loyola College, Timonium, MD.
- Sawyer, S., (1999) "Change Management Issues in ERP Implementations," Sonoco Flexible Packaging Senior Leadership Team, Hartsville, SC.
- Sawyer, S., (1998) "Software Development: A Market-Based Approach," Department of Information Systems, London School of Economics, London, England.
- Sawyer, S., (1998) "Organizational Changes and ERP Implementations," The Chancellor's Quality Cabinet, Syracuse University, Syracuse, NY.
- Sawyer, S., (1998) "Differences Between Packaged and Internal Software Development Teams," Department of Computer Information Systems, Georgia State University, Atlanta, NY.
- Sawyer, S., (1998) "Differences Between Packaged and Internal Software Development Teams," Faculty of Management, University of Calgary, Calgary, Canada.
- Sawyer, S., (1996) "Performance and the Use of CASE Tools in Applications Development," Office of Naval Intelligence, Landover MD.
- Sawyer, S., (1996) "Implementing Client/Server Systems," Niagra-Mohawk Computing Services, Syracuse NY.
- Sawyer, S., (1996) "Implementing Client/Server Systems," Onondaga Community College Professional Development Series, Syracuse NY.
- Sawyer, S., (1996) "Social and Technical Issues with Implementing Client/Server Systems," Society of Information Management, Central New York Chapter, Corning NY.
- Sawyer, S., (1994) "The Cultures of Development," ISSC Technical Vitality Seminar, Bethesda MD.
- Sawyer, S., (1992) "High-Performing Teams and CASE Use," IBM CASE Outlook Conference, Monterey, CA.
- Sawyer, S., (1992) "Characteristics of High-Performing Design Teams," ISSC Technical Vitality Conference, Bethesda MD.

Working Papers (copies available on request)

- Snyder, S., Sawyer, S., Willis, S., Sharma, S. and Østerlund, C. "Stabilizing Digital Infrastructures in Distributed Social Science Collaborations."
- Sawyer, S., Sharma, S., Østerlund, C., Bratt, S. and Willis, S. "The mess has always been with us: Organizing for distributed scientific collaboration."
- Sawyer, S., Sharma, S., Willis, S., and Østerlund, C. "Theorizing Messy Work."

Erickson, I, Sawyer, S., Jarrahi, M. H. and Thomson, L. "Mobility Meets Infrastructure: Outlining the Need for Infrastructural Competence in Contemporary Knowledge Work."

Sawyer, S., Fedorowicz, J. and Tomisano, R. "Patterns of Governance of Inter-organizational Coordination Hubs."

Jarrahi, M. H. and Sawyer, S. "The Informal Networks of Innovation."

Sabaghian, E., Sharma, S. and Sawyer, S. "Characterizing Digital Infrastructures."

Sawyer, S. "Collaborative Parsimony."

EXTERNAL GRANTS (35, totaling \$5.16M):

May 2016, National Science Foundation "Supporting the 2016 Young Investigators Sociotech Summer Research Institute." \$25,000. Principle Investigator: S. Sawyer.

September, 2015, National Science Foundation "Governance of Scholarly Digital Infrastructures." \$494,511. Principle Investigator: S. Sawyer.

August, 2013, National Science Foundation "EAGER: Collaborative Research: Digital Infrastructures of Mobile Knowledge Work." \$24,990. Principle Investigator: S. Sawyer. Collaborative Research Partner: I. Erickson (Rutgers University).

September, 2012, National Science Foundation "VOSS: Documents and the Doing of Science: Studying Cyberinfrastructures in Use. \$397,631. Principal Investigators: Steve Sawyer, Carsten Oesterlund. July, 2014, \$16,00 REU supplement.

June, 2012, National Science Foundation "Workshop: Summer Institute on Sociotechnical Systems and Sciences." \$40,998. Principal Investigator: S. Sawyer.

September, 2011, National Science Foundation "RCN: Digital Society and Technologies Research Coordination Network." \$492,466. Principal Investigator: S. Sawyer. Co-Principal Investigators: W. Lutters (UMBC); B. Butler (UMD).

July, 2011, IBM Corporation's Global Endowment for the Business of Government "Design Principles for Inter-organizational Systems." \$20,000. Principal Investigators: J. Fedorowicz (Bentley University) and S. Sawyer.

August, 2009, National Science Foundation "2010 and 2011 Young Investigators Summer Research Institutes of the Consortium for the Science of Sociotechnical Systems." \$191,197. Principal Investigator: S. Sawyer.

August, 2009, JP Morgan Chase, "Informal Networks for Innovation." \$15,317. Principal Investigator: S. Sawyer.

November, 2008, National Science Foundation, "Second Young Investigators Summer Research Institute of the Consortium for the Science of Sociotechnical Systems." \$84,876. Principal Investigator: S. Sawyer, Co-Principal Investigator: Tom Finholt (University of Michigan).

July, 2008, National Science Foundation, "Research Experience for Undergraduates" as part of "Collaborative Research: Design Principles for Effective Inter-Organizational Public Safety Response Infrastructures." \$6,000. Principal Investigator: S. Sawyer

September, 2007, National Science Foundation, "Surface Computing and the Social Nature of Technological Development," \$87,553. Principal Investigator: S. Sawyer.

January, 2007, National Center for Real Estate Research, "Computerization: An Industry-Level Comparison." \$15,000. Principal Investigator: S. Sawyer.

January, 2006, National Science Foundation, "Collaborative Research: Design Principles for Effective Inter-Organizational Public Safety Response Infrastructures." \$295,890. Principal Investigator: S. Sawyer. Collaborative research partners: Fedorowicz, J., Markus, M. L., Williams, C. (All of Bentley University, Waltham, MA). Their portion is \$403,270.

September, 2005, National Science Foundation, "Establishing the I-Conference: Intellectual Bases and Value of Interdisciplinary Research." \$35,000. Principal Investigator: S. Sawyer.

- July, 2005, National Center for Real Estate Research, "Competition in Local Markets." \$16,653. Principal Investigator: S. Sawyer.
- February, 2005, National Science Foundation, "Integrated Criminal Justice." \$56,508. Principal Investigator: S. Sawyer.
- November, 2004, Boston University. "Intelligence-Led Rapid Response." \$25,000. Principal Investigator: S. Sawyer.
- August, 2004, Defense Threat Reduction Agency. "Knowledge Management." \$198,502. Principal Investigators: D. Hall, S. Sawyer and S. Haynes.
- September, 2003, Lucent Technologies. Equipment donation (valued at \$13,000) to support research and teaching regarding mobile technologies. Principal: S. Sawyer.
- March, 2003, IBM Corporation's Global Endowment for the Business of Government. "From Keystone to E-stone: The rise of Digital Government in the Commonwealth of PA." \$15,000. Principal Investigators: S. Sawyer and C. Hinnant.
- July, 2002, National Science Foundation. "Women and Minorities in the IT Workforce: How Level is the Playing Field?" \$427,000. Principal Investigators: M. Wardell, S. Sawyer and J. Krasas Rogers.
- June, 2002, Boston University. "A 3G Mobile Wireless Field Experiment: Pennsylvania's JNET: Phase 1". \$50,000. Principal Investigators: J. Thomas and S. Sawyer. Supplemental funding of \$25,000 added in July, 2003.
- May, 2002, U.S. Marine Corps. "Analysis of the Information Systems and Requirements for a USMCR Manpower Management System" \$111, 694. Principal Investigators: D. Hall, S. Kumara, V. Prabhu, S. Sawyer, C. Byrne.
- August, 2000, Lockheed Martin Management and Data Systems. "Use and Value of an Integrated Software Development Environment." \$12,000. Principal Investigator: S. Sawyer.
- July, 2000, National Science Foundation. Continuation of: "Towards Friction-Free Work: A Multi-Method Study of the Use of Information and Communication Technologies in the Real-Estate Industry." \$275,000. Principal Investigators: R. Wigand, K. Crowston, and S. Sawyer. Supplemental funding of \$19,000 added in June, 2002
- August, 1999, Lockheed Martin Management and Data Systems. "The Killer Application in State Government." \$6000. Principal Investigator: S. Sawyer.
- July, 1998, National Science Foundation. For Pilot Study of: "Towards Friction-Free Work: A Multi-Method Study of the Use of Information Technology in the Real-Estate Industry." \$70,000 Principal Investigators: R. Wigand, K. Crowston, and S. Sawyer.
- July, 1998, Lattanze Center of Johns Hopkins University, "Knowledge Management Among Distributed Computing Technology Support Personnel," \$4,000. Principal Investigators, S. Sawyer and K. Eschenfelder.
- February, 1997, Corning Incorporated. "IT Skills Assessment." \$48,400. Principal Investigators: S. Sawyer and C. McClure.
- January, 1997, IBM Corporation, Santa Teresa Laboratories. "The FANTA Project," \$5,000. Principal Investigator: S. Sawyer.
- September, 1995, IBM Corporation, Santa Teresa Laboratories. "The FANTA Project," \$10,000. Principal Investigator: S. Sawyer.
- January, 1993, IBM Corporation, Santa Teresa Laboratories. "The Effects of the Knowledge Mining Center on Software Design Team Performance," \$45,000. Principal Investigators: P. J. Guinan and S. Sawyer.
- June, 1990, IBM Corporation, Santa Teresa Laboratories. "Measuring the Value-Added: Computer-Aided Software Engineering and Software Systems Development," \$1,500,000. Principal Investigators: P.J. Guinan, and J. Coopriider. Project Manager: S. Sawyer.
- Fall, 1989, IBM Graduate Research Fellowship, \$35,000.

INTERNAL GRANTS (18, totaling: \$95K)

- Summer and Fall, 2010, Office of the Vice President of Research and School of Information Studies, Syracuse University, JPMC/SU Partnership Study. \$16,000.
- Spring, 2003, Dean of the School of Information Sciences and Technology, The Pennsylvania State University. To support conference on IT, Mobility and Local Government, \$2,000.
- Fall, 2002, Electronic Business Research Center, The Pennsylvania State University, Faculty Research Fellowship, \$1,000.
- Fall, 2001, Electronic Business Research Center, The Pennsylvania State University, Faculty Research Fellowship, \$1,000.
- Fall, 2001, School of Information Sciences and Technology, The Pennsylvania State University, Global Travel Fellowship, \$2,000.
- Fall, 2000, Electronic Business Research Center, The Pennsylvania State University, Faculty Research Fellowship, \$1,000.
- Fall, 2001, Dean of the School of Information Sciences and Technology, The Pennsylvania State University. To support work with Smeal College of Business Faculty (Martin Kilduff) on the roles of social networks among members of software development teams \$3,000.
- Summer, 2001, Children, Youth and Families Consortium, The Pennsylvania State University, To support research on work/family balance on IT workforce. \$4,000. Principal Investigators: Mark Wardell, Jackie Krasas Rogers and Steve Sawyer.
- Fall, 2000, Dean of the School of Information Sciences and Technology, The Pennsylvania State University. To support pilot study of IT workforce processes, \$1,000.
- Summer, 1999, Dean of the School of Information Studies and the Office of the Vice President for Research and Computing, Syracuse University, To support study of packaged software development, \$6,000.
- Fall, 1998, Syracuse University, Research Leave Award, \$10,000.
- Summer, 1998, Office of the Vice President for Computing and Research, Syracuse University. To support research on computing implementation study. \$23,000.
- Fall, 1997, CASE Center, Syracuse University, To support graduate assistant, \$6,000.
- Summer, 1997, Office of the Vice President for Computing and Research, Syracuse University. To support research on computing implementation study. \$12,000.
- Spring, 1997, Office of the Dean, School of Information Studies, Syracuse University. To support data collection for study of small-company software development. \$2,000.
- Fall, 1995, CASE Center, Syracuse University. To support doctoral student for research on small-company software development, \$2,000.
- February, 1995, University College, Syracuse University. To support travel, \$650.
- October, 1994, Office of the Vice President for Computing and Research, Syracuse University. To support purchase of analytical software, \$1,500.

PROFESSIONAL ACTIVITIES

Consulting

IBM (1995-1997), Xerox (1996), Sonoco (1998-2001), Syracuse University (1999-2002), Commonwealth of Pennsylvania, (2000-2004), The Affinity Group (2002-2004), National Association of Realtors (2005-2006), Credit Suisse (2006-2007), GAO (2008).

Editorial Positions (Standing)

2014 to present. Member of the editorial board, *New Technology, Work, and Employment*.

2009 to present. Member of the editorial board, *Journal of the American Society of Information Science and Technology*.

2008 to present. Senior Editor (reporting to Editors-in-Chief), *Journal of Information Technology*.

2004 to present. Associate Editor (reporting to Editor-in-Chief), *The Information Society*.

2004 to 2008. Member of the editorial board, *International Journal of Advanced Media and Communication*.

2000 to present. Member of the editorial board, *Journal of Information Technology*.

1999 to 2003. Associate Editor (reporting to Editors-in-Chief), *Information Technology & People*.

1997 to 2008. Member of the editorial board, *Information Technology & People*.

Editorial Positions (Special issues of journals and for books)

2013-2016. Editor and Editorial Board Representative (for Guest Editors Vikas Kumar and John Loonam, with JP Allen) of special issue on ‘Enterprise Social Systems and Organizational Change: Implementation in a Digital Age’ for *Journal of Information Technology*.

2012-2014. Associate Editor (for Guest Editors John King and Kalle Lyytinen) of special issue on ‘Information Systems and the Future of Work’ for the journal *Information Systems Research*.

2010-2011. Co-Editor (with Susan Winter) of special issue on “Expanding the Boundaries of Information Systems” for the *Journal of Information Technology*.

2009-2011. Co-Editor (with Benjamin Light, Sian Lincoln and Marie Griffiths) of special issue on “Digital Culture: New Forms of Living and Organizing” for journal *Information Technology & People*.

2008-2009. Associate Editor (for Guest Editors Will Venters and Elaine Ferneley) of special issue on ‘Knowledge Management and e-Research Technologies: to Codify or to Collaborate?’ for the journal *Knowledge Management Research & Practice*.

2008-2009. Co-Editor (with Benjamin Light) of special issue on “Ethics and Digital Cultures” for the *Journal of Information, Communication and Ethics*.

2006. Member, advisory board, for Avison, D. and Baskerville, R. “Major Currents in Information Systems: Information Systems Development,” Volume two of a six volume series being supervised by editors A. Lee and L. Willcocks for Sage Publications.

2005-2007. Co-Editor (with Benjamin Light) of special issue on “Packaged Software Development” for the *European Journal of Information Systems*.

2004-2005. Co-Editor (with Rolf Wigand and C. Suzanne Iacono) of special issue on “Information Technology and Industrial Change” for the *Journal of Information Technology*.

2003-2005. Co-Editor (with Roberta Lamb) of *Gedenkschrift* special issue in honor of the late Rob Kling in journal *Information Technology & People*.

2002-2003. Co-Editor (with Heejin Lee and Jyoti Choudrie) of special issue on the “Emergence of the Broadband Internet” for *Journal of Information Technology*.

1997-1998. Co-Editor (with Erran Carmel) of special issue on “Teams in Packaged Software Development” for journal *Information Technology & People*.

Editorial Service (Conferences)

2016 Associate Editor, 2016 Academy of Management Conference, Organizational Communication and Information Systems Division, Anaheim, CA.

2016 Associate Editor, 2016 Academy of Management Conference, Organizational Communication and Information Systems Division, Vancouver, BC.

2015 Associate Editor, 2015 ACM Conference on Computer-Supported Cooperative Work, Vancouver, BC, Canada.

2014 Associate Editor, International Conference on Information Systems, Auckland, NZ.

- 2014 Associate Editor, 2014 ACM Conference on Computer-Supported Cooperative Work, Baltimore, MD.
- 2013 Associate Editor, International Conference on Information Systems, Milan, Italy.
- 2012 Associate Editor, International Conference on Information Systems, Orlando, FL.
- 2010 Associate Editor, International Conference on Information Systems, St. Louis, MO.
- 2010 Associate Editor, European Conference on Information Systems, Johannesburg, South Africa.
- 2009 Associate Editor, European Conference on Information Systems, Verona, Italy.
- 2008 Associate Editor, International Conference on Information Systems, Paris, France.
- 2008 Associate Editor, European Conference on Information Systems, Dublin, Ireland.
- 2007 Associate Editor, International Conference on Information Systems, Montreal, Canada.
- 2006 Associate Editor, International Conference on Information Systems, Milwaukee, WI.
- 2005 Associate Editor, International Conference on Information Systems, Las Vegas, NV.
- 2004 Associate Editor, International Conference on Information Systems, Washington, DC.
- 2004 Associate Editor, IFIP 8.2 Working Conference, Manchester, UK.
- 2003 Associate Editor, International Conference on Information Systems, Seattle, WA.
- 2002 Associate Editor, International Conference on Information Systems, Barcelona, Spain.

Professional Leadership

- 2016 **Director** (with Wayne Lutters of University of Maryland, Baltimore County) Consortium for Science of Socio-Technical Systems (CSST) Eighth Summer Workshop, 27-30 June, in Stevenson, WA. The workshop is supported by NSF funding so as to increase the number of, and strengthen the connections among, active scholars whose research focuses on improving the design and evaluation of socio-technical systems and extending the contribution of socio-technical theories to this effort.
- 2016 **Workshop Co-Organizer** (with Kristin Eschenfelder of University of Wisconsin and Steve Volda of University of Colorado at Boulder) Socio-Technical Research: Bootcamp, the 2016 I-Conference, 20 March, Philadelphia, PA.
- 2015 **Workshop Co-Organizer** (with Warren Allen of Florida State University; Steve Volda of University of Indiana and Purdue University in Indianapolis; Kalpana Shankar of University College, Dublin; Carlos Monroy of Rice University, and Norman Su of Indiana University) Socio-Technical Research: Fieldwork Data and Trace Data, the 2015 I-Conference, 23-27 March, Newport Beach, CA.
- 2014 **Advisory Board**, Consortium for the Sciences of Sociotechnical Systems 2014 Summer Institute (led by Sean Goggins and Diane Bailey) to be held on campus of the University of Missouri, 7-11 July, Columbia, MO.
- 2013 **Workshop Co-Chair** (with Kristin Eschenfelder of Wisconsin), Junior Faculty Mentoring Workshop at the 2013 I-Conference, February 11 -15, Ft. Worth, TX.
- 2011 **Track co-chair** (with Michael Gallivan of Georgia State University), The International Conference on Information Systems, 8-10 December, Shanghai, China.
- 2011 **Workshop Co-Organizer** (with Andrea Forte and Goggins of Drexel University; Dana Rotman of University of Maryland; Michael Twidale of the University of Illinois at Urbana-Champaign; Christo Sims of the University of California, Berkeley; Kalpana Shankar, Indiana University-Bloomington; Brian S. Butler of the University of Pittsburgh; Katie Panciera of the University of Minnesota; and Helena Mentis of Microsoft Research, Cambridge) Socio-Technical Research: Connecting Disciplines in the iSchools, the 2011 I-Conference, 6-8 February, Seattle, WA.
- 2010 **Workshop Co-Chair** (with J.P. Allen of the University of San Francisco and Julie Rennecker of Panaromic Perspectives), Computers and Work, Workshop of the International Federation of Information Processing (IFIP), Working Group 9.1, to be 15 December, St.

- Louis, USA, (following the 2010 International Conference on Information Systems).
- 2010 **Track co-chair** (with Howard Rosenbaum of Indiana University, Bloomington), The Annual Conference of the American Society for Information Science and Technology, 30 October, Pittsburgh, PA.
- 2010 **Director** (with Wayne Lutters of the University of Maryland, Baltimore County as assistant director), Consortium for Science of Socio-Technical Systems (CSST) Third Summer Workshop, 13-17 June, in Stevenson, WA. The workshop is supported by NSF funding so as to increase the number of, and strengthen the connections among, active scholars whose research focuses on improving the design and evaluation of socio-technical systems and extending the contribution of socio-technical theories to this effort.
- 2010 **Workshop Co-Chair** (with Benjamin Light and Marie Griffiths of the University of Salford and Sian Lincoln of Liverpool John Moores University), Third Workshop on Digital Cultures and Work; June 6-7, Manchester, UK.
- 2009 **Workshop Co-Chair** (with J.P. Allen of the University of San Francisco and Julie Rennecker of Panaromic Perspectives), Computers and Work, Workshop of the International Federation of Information Processing (IFIP), Working Group 9.1, 18 December, Tucson, AZ, USA, (following the 2009 International Conference on Information Systems).
- 2009 **Workshop Chair**, *Journal of Information Technology* New Author's Workshop, 14 December, Tucson, AZ, USA, (preceding the 2009 International Conference on Information Systems).
- 2009 **Director** (with Tom Finholt from University of Michigan as assistant director), Consortium for Science of Socio-Technical Systems (CSST) Second Summer Workshop, 11-15 June, in Blue Mountain Lake, NY. The workshop is supported by NSF funding so as to increase the number of, and strengthen the connections among, active scholars whose research focuses on improving the design and evaluation of socio-technical systems and extending the contribution of socio-technical theories to this effort.
- 2009 **Workshop Co-Chair** (with Benjamin Light and Marie Griffiths of the University of Salford and Sian Lincoln of Liverpool John Moores University), Second Workshop on Digital Cultures and Work; June 5-6, Manchester, UK.
- 2008 **Workshop Co-Chair** (with J.P. Allen of the University of San Francisco and Rudi Schmiede of the Technical University, Darmstadt), Workshop on Changing Technologies, Changing Work, for the International Federation of Information Processing (IFIP), Working Group 9.1, 8 November, San Diego, CA, (preceding the 2008 Conference on Computer-Supported Cooperative Work).
- 2008 **Assistant Director** (with Tom Finholt from University of Michigan), Consortium for Science of Socio-Technical Systems (CSST) First Summer Workshop, held 20-25 July, in Ann Arbor Michigan. The workshop is supported by NSF funding so as to increase the number of, and strengthen the connections among, active scholars whose research focuses on the design and evaluation of socio-technical systems.
- 2008 **Workshop Co-Chair** (with Benjamin Light of the University of Salford), Digital Cultures and Work; June 16-17, Manchester, UK.
- 2008 **Workshop Co-Chair** (with Leah Lievrouw of UCLA), Junior Faculty Mentoring Workshop at the 2008 I-Conference, February 28 - March 1, Los Angeles, CA.
- 2007 **Workshop Co-Chair** (with J.P. Allen of the University of San Francisco), Computers and Work, Workshop of the International Federation of Information Processing (IFIP), Working Group 9.1, 12 December, Montreal, Quebec, Canada, (following the 2007 International Conference on Information Systems).
- 2007 **Workshop Co-Chair** (with J.P. Allen of the University of San Francisco), Computers and Work, Workshop of the International Federation of Information Processing (IFIP),

Working Group 9.1, 6 June, St. Gallen, Switzerland (preceding the 2007 European Conference on Information Systems).

- 2007- 2013 Chairman**, International Federation of Information Processing (IFIP), Working Group 9.1 (computers and work).
- 2005 Program Chair**, First Annual I-Conference, September 28-30, University Park, PA.
- 2001 Workshop Co-Chair** (with Jay Coopridier of Bentley College), Junior Faculty Workshop of the 2001 Americas Conference of the Association of Information Systems, 2 August, Waltham, MA.
- 2000 Workshop Co-Chair** (with Cathy Urquahart of University of Sydney), the IFIP 8.2 Working Group OASIS workshop, December 10, Brisbane, Australia (preceding the 2000 International Conference on Information Systems).
- 1999 Founding Faculty** (one of five), School (now College) of Information Sciences and Technology, The Pennsylvania State University.

Professional Service

- 2016 Member, Program Committee of the IFIP 8.2 Working Conference, 8-10 December, Dublin, Ireland.
- 2015-2016 Co-Chair (with Karen Fisher, University of Washington), of the Sessions for Interaction and Engagement and member, Program Committee, 2016 iConference, 20-23 March, Philadelphia, PA.
- 2015-2016 Member, Program Committee, HCC 2015: 12th IFIP TC9 Human Choice and Computers conference: Technology and Intimacy - Choice or Coercion?, 7-9 September, Salford, UK.
- 2015 Member, Best Book Awards Committee for *American Society for Information Science and Technology*.
- 2015 Member, Program Committee, IEEE International Symposium on Technology and Society, 11-12 November, Dublin, Ireland.
- 2014 Member, Program Committee, 2014 IFIP 8.2 Working Conference, 11-14 December, Auckland, NZ.
- 2013-2014 Member, Program Committee, 2014 iConference, 6-9 March, Berlin, Germany.
- 2012-2013 Member, Program Committee, 2013 iConference, 12-15 February, Ft. Worth, TX.
& Member, Coordinating Committee, 2013 iSchools Doctoral Dissertation Award.
- 2012 Member, Program Committee of the International Conference on Theory and Practice of Electronic Governance (ICEGOV), 22-25 October, 2011, Albany NY.
- 2010-2011 Member, Program Committee of the IFIP 8.6 Working Conference, September, 2011, Hamburg, Germany.
- 2010-2011 Member, Program Committee of the IFIP 8.2 Working Conference, June, 2011, Gothenburg, Sweden.
- 2010 Member, John Wiley & Sons Best Paper Awards Committee for *Journal of the American Society for Information Science and Technology*.
- 2009-2010 Member, Program Committee of the First International Conference of Software as a Business, 21-23 June, Jyvaskyla, Finland.
- 2009-2010 Member, Program Committee of the 2010 Joint IFIP 8.2/8.6 Working Conference, 30 March- 2 April, 2010, Perth, Australia.
- 2009 Member, John Wiley & Sons Best Paper Awards Committee for *Journal of the American Society for Information Science and Technology*.
- 2008 Member, Program Committee of the ACM 2008 Symposium on Computer Human Interaction for Management of Information Technology (CHIMET), 14-15 November, 2008, San Diego, California, USA.

- 2007-2008 Member, Program Committee, IFIP Working Group 8.2 Working Conference on IT and institutional change in the service economy: Challenges and possibilities for the 21st century. 10-13 August, 2008, Toronto, Ontario Canada.
- 2007-2008 Member, Program Committee of the 2008 IFIP 8.6 Working Conference, October, 2008, Madrid, Spain.
- 2007-2008 Member, Program Committee of the 3rd Critical IS Research Conference, June, 2008, Galway, Ireland.
- 2007-2008 Member, Program Committee, The 3rd Annual I-Conference, March, University of California, Los Angeles, 28 February to 1 March, 2008, Los Angeles, CA, USA.
- 2007 Co-chair, Poster Sessions, 3rd Conference on E-Social Science, 15-17 October, Ann Arbor, MI, USA.
- 2007 Member, Program Committee, 16th International Conference Information Systems Development (ISD 2007), 29-31 August, 2007, Galway, Ireland.
- 2006 Member, Program Committee, Society for the Social Studies of Science Annual Conference, November 2-4, 2006, Seattle, Washington, USA.
- 2006- 2008 Member, Board of Experts, Oxford Internet Institute's Barriers to E-Government Project, Balliol College, Oxford University, Oxford, UK.
- 2006-2007 Member, Program Committee of the 2007 IFIP 8.6 Working Conference, June, 2007, Manchester, UK.
- 2006 Member, External Review Committee, School of Information, University of Washington, Seattle, WA, February 26-28 (to conduct mandated review of five academic programs).
- 2005-2006 Member, First Annual Doctoral Consortium, ACM Special Interest Group on MIS/CPR, April 13, 2006, Claremont, CA, USA.
- 2005-2006 Member, Program Committee of the 5th International Conference on M-Commerce Conference, June 24-26, 2006, Copenhagen, Denmark.
- 2005-2006 Member, Program Committee of the 2006 IFIP 8.6 Working Conference, July 10-13, 2006, Galway, Ireland.
- 2005-2006 Member, Program Committee of the 2006 IFIP 8.2 Working Conference, June 7-10, 2006, Limerick, Ireland.
- 2005 Member, Program Committee of the Workshop of Packaged Software, July 15, 2005, San Diego, CA, USA.
- 2004-2005 Member, Program Committee of the 2005 IFIP 8.2 Working Conference, August 3-5, 2005, Cleveland, OH, USA.
- 2004-2005 Member, Program Committee and Associate Editor of the 2005 European Conference on Information Systems, June, 2005 Bavaria, Germany.
- 2004 Member, Program Committee of the 2004 Socio-Technical Approaches to Medical Systems, October, 2004, Portland, OR, USA.
- 2004 Member, Program Committee of the 2004 IFIP 8.6 Working Conference, May, 2004, Dublin, Ireland.
2004. Member, Program Committee of the 1st Critical IS Research Conference, July, 2004, Manchester, UK.
- 2003-2004 Member, Program Committee for the 2004 IFIP 8.2 Working Conference, Manchester, UK.
- 2003 Member, Program Committee of the Development of Product Software Workshop, October, 2003, Velden, Austria.
- 2001-2002 Member, Program Committee of the 2002 IFIP 8.2 Working Conference, December, 2002, Barcelona, Spain.
- 1998-1999 Member, Program Committee of the 1999 IFIP 8.2 Working Conference, June, 1999, St. Louis, MO, USA.

1997-1998 Member, Program Committee of the 1998 IFIP 8.2/8.6 Joint Working Conference, December, 1998, Helsinki, Finland.

1995-1996 Member, Conference Coordinating Committee of the Second Society and the Future of Computing Conference (SFC'96 was cancelled three weeks before it was to be held).

Reviewer for: *Academy of Management Conference; Administrative Science Quarterly; Association of Computing Machinery (ACM) Special Interest Group on Computer Personnel Research; ACM Conference on Computer-Supported Cooperative Work and Social Media (CSCW); ACM Conference on Computer-Human Interaction (CHI); Association of Information System's Americas Conference on Information Systems; Association of Information System's European Conference on Information Systems; Blackwell Publishing; Communications of the ACM; the Christian Doppler Research Association (Austria); Economic and Social Research Council (United Kingdom), European Journal of Information Systems; Government Information Quarterly; Hawai'i International Conference on the Systems Sciences; Human Performance; The I-Conference, Idea Group Publishing; IEEE Computer; IEEE Software; Information and Organization, Information & Management; Information, Communication and Society; The Information Society, Information Systems Journal; the International Conference on Information Systems; International Federation of Information Processing (IFIP) Working Group 8.2 (Information in Organizations and Society); IFIP Working Group 8.6 (Diffusion of Innovations); IFIP Working Group 9.1 (Computers and Work); International Journal of Information Management; International Journal of Medical Informatics; International Medical Informatics Conference; Internet Research; Information Systems Research; Information Technology & People; Journal of the American Society for Information Science and Technology, Journal of the Association of Information Systems; Journal of Information Technology; MIS Quarterly; MIT Press, Organization Science, The Scandinavian Journal of Information Systems; Sloan Management Review; Sociological Focus; Telecommunications Policy; and the U.S. National Science Foundation.*

Conference activities

Mentor, Early Career Colloquium, iConference 2014, 7 March, 2014, Berlin.

Discussant, Associate Dean of Research Paper Development Session, iConference 2013, 14 February, 2013, Ft. Worth, TX.

Discussant, International Conference on Information Systems, 10-13 December, 2006, Milwaukee, WI.

Discussant, International Conference on Information Systems, 12-15 December, 2003, Seattle, WA.

Discussant, IFIP 8.2 Working Group Conference, 27-30 June, 2000, Aalborg, Denmark.

Discussant, International Conference on Information Systems, 13-16 December, 2000, Charlotte, NC.

Discussant, IFIP 8.2 Working Group Conference, 5-8 August, 1999, St. Louis, MO.

Discussant, Academy of Management Conference, 9-11 August, 1999, Chicago, IL.

Discussant, International Conference on Information Systems, 12-16 December, 1998, Helsinki, Finland.

Discussant, Joint IFIP8.2/8.6 Working Conference, 10-12 December, 1998, Helsinki, Finland.

Professional Activities (by invitation)

Participant, Big Data in the Public Sector Workshop, Bentley University Thought Leadership Network (PI: Christine Williams), 15-16 June, Waltham, MA.

Participant, Computing Research Association, Congressional visit and policy briefing, 16-17 September, 2014, Washington, DC.

- Participant, Computing Research Association, Congressional visit and policy briefing, 19-20 September, 2013, Washington, DC.
- Participant, Computing Research Association, Computing Community Consortium Leadership in Science Policy Institute (LISPI), 11-12 April, 2013, Washington, DC.
- Participant, Managing Virtual Organizations Workshop, Case-Western Reserve University, 14-16 May, 2012, Cleveland, OH.
- Participant, Discovery Informatics Workshop, 18-20 January, 2012, Arlington, VA.
- Participant, Research Challenges in Digital Government, 6-8 February, 2011, Arlington, VA.
- Participant, Seattle Innovation Symposium, University of Washington, 9-11 June, 2008, Seattle, WA.
- Participant, Boston University Institute for Leading in a Dynamic Environment Spring Workshop on "Edge Organizations," 8-9 May, 2007, Boston MA.
- Participant, National Science Foundation, Social Informatics Network Workshop, 23-24 February, 2007, West Palm Beach, FL.
- Participant, Seattle Innovation Symposium, University of Washington, 11-13 September, 2006, Seattle, WA.
- Participant, National Science Foundation, Human-Centered Computing Workshop, 7-8 September, 2006, Arlington, VA.
- Participant, National Science Foundation, Social Informatics Network Workshop, 8 April, 2006, New York, NY.
- Participant, Seattle Innovation Symposium, University of Washington, 10-12 September, 2005, Seattle, WA.
- Participant in Journal of Association of Information Systems Theory Development Workshop, 15 December, 2004, Washington DC (regarding: Chae, B. and Sawyer, S. "Theorizing Information Technology as a Dynamic Social Institution").
- Participant in: Myers, M. (1999). "Ethnographic research methods in Information Systems." ISWorld Net Virtual Meeting Center at Temple University, March 8-11 1999, Available online at <http://interact.cis.temple.edu/~vmc>.
- Participant (MIS Camp) at the Association of Information Systems Americas Conference, Phoenix, AZ, 12 August, 1996.
- Participant (MIS Camp) at the Association of Information Systems Americas Conference, Pittsburgh, PA, 10 August, 1995.

Professional Associations

- Academy of Management
 - Occupations, Organizations and Work (OOW)
 - Organizational Communications and Information Systems (OCIS)
- American Society for Information Science and Technology (ASIST)
 - Special Interest Group on Social Informatics (SIGSI)
- American Sociological Association
 - Computers and Information Technology Section (CITASA/CITAMS)
- Association for Computing Machinery (ACM)
 - Special Interest Group on Computers and Society (SIGCAS)
- Association for Information Systems (AIS)
- International Federation of Information Processing (IFIP)
 - Working Group 8.2 (Information Systems in Organizations and Society)
 - Working Group 9.1 (Computers and Work)
- Society for the Social Studies of Science (4S)

Community Associations

DeWitt Swim Club, Dewitt, NY (board member, 2011-2012, president, 2012)
 Centre Soccer Association, State College, PA (parent volunteer and coach, 2003-2008)
 Children's Discovery Center of Central PA (member, advisory board, 2005-2008)

Awards and Honors

2017 Administrative Leave, January to June, Syracuse University (approved)
 2016 Awarded 2016 Paper Award by Association of Information Science and Technology
 Special Interest Group on Social Informatics for: Sawyer, S, Wigand, R. and
 Crowston, K. (2014) "Digital Assemblages: Evidence and Theorizing from a Study of
 Residential Real Estate," *New Technology, Work, and Employment*, 29(1), 40-54.
 DOI: <http://10.1111/ntwe.12020>.
 2015 Research Leave, January to June, Syracuse University
Visiting Faculty, Auckland University of Technology (April-May).
 2009-2010 **JPMC Faculty Fellow**, Syracuse University
 2007-2008 **Visiting Research Fellow, Informatics Research Institute**
 University of Salford, Manchester, UK
 2007 **Faculty Marshall**, School of Information Sciences and Technology, PSU
 2006 Finalist, Alumni Association University-Wide Teaching Award at PSU
 2006 Finalist, Milton Eisenhower University-Wide Teaching Award at PSU
 2006 Finalist, George Atherton University-Wide Teaching Award at PSU
 2005 **Faculty Marshall**, School of Information Sciences and Technology, PSU
 2004 Finalist, George Atherton University-Wide Teaching Award at PSU
 2004 Sawyer, S. Tapia, A., Pesheck, L, and Davenport, J., (2004) "Observations on Mobility
 and the First Responder," *Communications of the ACM*, 47(3), 62-66. The 10th most
 downloaded article from ACM digital library in August, 2004, and in top 500 for 2004.
 2003 Finalist, George Atherton University-Wide Teaching Award at PSU
 2002 Finalist, George Atherton University-Wide Teaching Award at PSU
 2002 **Finalist, Best Paper Award, International Conference on Information Systems** for
 Lee, H. and Sawyer, S. (December, 2002) "Conceptualizing Time and Space:
 Information Technology, Work and Organization," in, Galliers, B., Applegate, L. and
 DeGross, J. (eds.) *Proceedings of the 2002 International Conference on Information
 Systems*, Barcelona, Spain, December 15-18, ACM Press.
 2002 **Awarded Highly Commended Paper** by MCB Press for Crowston, K., Sawyer, S. and
 Wigand, R., (2001) "The Interplay Between Structure and Technology: Investigating the
 Roles of Information Technologies in the Residential Real Estate Industry," *Information
 Technology & People*, 14(2),163-183..
 2002 **George McMurtry Teaching and Learning Excellence Award**, IST/PSU (First
 recipient)
 2002 Frances Eppes Lecturer (Given at Florida State University)
 2001 **Faculty Member of the Year**, IST/PSU (First recipient)
 2000 ISI/Samuel Lazerow Memorial Lecturer (Given at the University of Washington).
 1999 **Founding Faculty**, School of Information Sciences and Technology, PSU.
 1999 **Finalist, Best Paper Award, Americas Conference on Information Systems** for
 Sawyer, S., Crowston, K. and Wigand, R. (1999) "Information Technologies in the
 Residential Real Estate Industry: Agents and Social Capital," *The 1999 Americas
 Conference of the Association of Information Systems*, Milwaukee, WI, August 11-14,
 1999, ACM Press.
 1998 Junior Faculty Research Leave Award, Syracuse University.

- 1997 **Professor of the Year**, School of Information Studies, Syracuse University.
- 1994 **Finalist, Society of Information Management's Academic Paper of the Year.**
- 1991 Rowing coach, U.S.A, Pan American Games, Havana, Cuba.
- 1986 Graduate Student Best Paper Award: Society of Naval Architects and Marine Engineers.
- 1982-1990 U.S. Navy- Reserve (retired with rank of Lieutenant).

Institutional Academic Service

- 2016-2017 Syracuse University, School of Information Studies
 - Executive Committee (school)
 - Curriculum Committee (school)
 - Research Committee (school)
 - Doctoral Programs Committee, Chair (school)
 - Academic Freedom, Tenure and Professional Ethics Investigative Team (University)
- 2015-2016 Syracuse University, School of Information Studies
 - Executive Committee (school)
 - Doctoral Programs Committee, Chair (school)
 - Personnel Committee, Chair (school)
 - Academic Freedom, Tenure and Professional Ethics Investigative Team (University)
- 2014-2015 Syracuse University, School of Information Studies
 - Executive Committee (school)
 - Doctoral Programs Committee, Chair (school)
 - Ad-Hoc Committee on Research Administrative Excellence (University)
 - University Senate (University)
 - Athletic Policy Committee
 - Academic Freedom, Tenure and Professional Ethics Investigative Team
- 2013-2014 Syracuse University, School of Information Studies
 - Faculty Hiring Committee (two positions) (school)
 - Graduate Coordination Committee (school)
 - Executive Committee (school)
 - Doctoral Programs Committee, Chair (school)
 - Ad-Hoc Syllabus Club (school)
 - University Senate (University)
 - Athletic Policy Committee
 - Academic Freedom, Tenure and Professional Ethics Investigative Team
- 2012-2013 Syracuse University, School of Information Studies
 - Brownbag Speakers Committee, Chair (school)
 - Executive Committee (school)
 - Program manager hiring committee (two positions) (school)
 - Doctorate of Professional Studies ad-hoc review committee (school)
 - Doctorate of Professional Studies ad-hoc redesign committee (school)
 - Doctoral Programs Committee, Chair (school)
 - University Senate (University)
 - Athletic Policy Committee
 - Academic Freedom, Tenure and Professional Ethics Investigative Team
- 2011-2012 Syracuse University, School of Information Studies

- Brownbag Speakers Committee, Chair (school)
- Executive Committee (school)
- Faculty hiring committee (five positions) (school)
- E-Science post-doc hiring committee (school)
- Doctoral Programs task force, Chair (school)
- Hubbard Brook information manager hiring committee (cross-college)

- 2010-2011 Syracuse University, School of Information Studies
 - Brownbag Speakers Committee, Chair (school)
 - Curriculum Committee (school)
 - Undergraduate Program Committee (school)
 - Sports Management graduate program committee (university)

- 2009-2010 Syracuse University, School of Information Studies
 - Brownbag Speakers Committee, Chair (school)
 - Personnel committee (school)
 - Ph.D. program committee (school)
 - Sports Management graduate program committee (university)

- 2008-2009 Syracuse University, School of Information Studies
 - Ad-hoc committee on faculty planning days (school)
 - Brownbag Speakers Committee (school)
 - Curriculum Committee (school)
 - Undergraduate Program Committee (school)
 - Faculty Search committee (five positions) (school)
 - Sports Management graduate program committee (university)

- 2007-2008 Pennsylvania State University, College of Information Sciences and Technology
 - Ad-hoc committee on review criteria for endowed faculty positions (college)
 - Schreyer Honors College student advisor (college/university)
 - Bachelors of Philosophy Program, Preceptor (college/university)

- 2006-2007 Pennsylvania State University, College of Information Sciences and Technology
 - Ad-hoc committee on integration courses content and sequencing (college)
 - Faculty Advisory Council (college)
 - Promotion and Tenure committee (college: seven cases)
 - Promotion and Tenure committee for Altoona Campus (college/university: two cases)
 - Schreyer Honors College student advisor (college/university)

- 2005-2006 Pennsylvania State University, College of Information Sciences and Technology
 - IST 110 Course redesign committee (college)
 - IST 301 Course committee (college)
 - Ad-hoc committee on grade adjudication (college: one case)
 - Distinguished Speakers Selection committee (college)
 - Graduate Advisory Council (college)
 - Promotion and Tenure committee (college: 10 cases)
 - Promotion and Tenure committee for Altoona Campus (college/university: one case)
 - Schreyer Honors College student advisor (college/university)
 - IST Dean recruiting committee (college/university)

- 2004-2005 Pennsylvania State University, School of Information Sciences and Technology
 - IST 110 Course redesign committee (school)
 - IST 301 Course committee (school)

- George McMurtry Learning Innovation Award committee (school)
 - Distinguished Speakers Selection committee (school)
 - IST Ad-hoc committee on “what we value at IST” (school)
 - IST Ad-hoc committee on systems integration option in undergraduate major (school)
 - IST Faculty recruiting committee on Systems Integration, Chair (one position) (school)
 - Schreyer Honors College student advisor (school/university)
 - Enterprise Integration Consortium Industry Advisory Board (university)
- 2003-2004 Pennsylvania State University, School of Information Sciences and Technology
- IST 110 Course committee (school)
 - IST 301 Course committee, Chair (school)
 - IST Student Government faculty advisor (school)
 - George McMurtry Learning Innovation Award committee (school)
 - Distinguished Speakers Selection committee (school)
 - IST Graduate Advisory Committee (school)
 - IST/Labor Studies & Industrial Relations undergraduate minor task force, Chair (school)
 - IST Ombudsman (school)
 - IST Faculty Advisory Committee (school)
 - IST Faculty recruiting committee, Chair (two positions) (school)
 - Schreyer Honors College student advisor (school/university)
 - Bachelors of Philosophy Program, Preceptor (school/university)
 - Enterprise Integration Consortium Industry Advisory Board (university)
- 2002-2003 Pennsylvania State University, School of Information Sciences and Technology
- IST 301 Course development committee, Chair (school)
 - IST 110 Course committee (school)
 - IST 321 Course committee (school)
 - IST 110 assessment ad hoc committee (school)
 - George McMurtry Learning Innovation Award committee (school)
 - IST Student Government faculty advisor (school)
 - IST Graduate Advisory Committee (school)
 - IST Infrastructure Committee (school)
 - IST Faculty recruiting committee ad hoc member (three positions) (school)
 - Speaker at Reunion Weekend and Huddle with the Faculty (school/university)
 - Schreyer Honors College student advisor (school/university)
 - Bachelors of Philosophy Program, Preceptor (school/university)
 - Enterprise Integration Consortium Industry Advisory Board (university)
- 2001-2002 Pennsylvania State University, School of Information Sciences and Technology
- IST Undergraduate minor curriculum committee (school)
 - IST Teaching award ad hoc committee (school)
 - IST Problem-based learning luncheon seminar co-organizer (school)
 - IST Undergraduate IST 110 assessment ad hoc committee (school)
 - IST Faculty recruiting committee ad hoc member (six positions) (school)
 - College of Education/IST joint faculty position recruiting committee (school)
 - Schreyer Honors College student adviser (school/university)
 - Science Technology & Society program faculty position recruiting committee (university)
 - Science, Technology and Society undergraduate curriculum committee (university)
 - Enterprise Resource Planning Industry Advisory Board (university)
 - Rock Ethics Institute Advisory Board (university)

- 2000-2001 Pennsylvania State University, School of Information Sciences and Technology
IST Faculty representative at Encampment (school)
IST Graduate (Ph.D.) program committee (school)
IST Undergraduate minors program (school)
IST Scholarship committee (school)
IST 321 development task force – convener (school)
IST undergraduate minor curriculum committee (school)
IST Faculty recruiting committee (seven positions) (school)
College of Education/IST joint faculty position recruiting committee (school/university)
HCI ad-hoc task force (Arts and Architecture/ university)
Enterprise Resource Planning Industry Advisory Board (university)
Rock Ethics Institute Advisory Board (university)
Advisory Committee for International Partnerships and Academic Linkages (university)
- 1999-2000 Pennsylvania State University, School of Information Sciences and Technology
IST Graduate (Ph.D.) program committee (school)
IST 110 course development task force (school)
IST 501 course development task force – convener (school)
IST 531 course development task force (school)
Faculty Advisory Council (school)
IST Faculty recruiting committee (six positions) (school)
IST E.World ad-hoc committee (school/university)
Enterprise Resource Planning Industry Advisory Board (university)
- 1998-1999 Syracuse University, School of Information Studies
Director of the Ph.D. program and chair of ad-hoc committee on Ph.D. program
Ph.D. admissions committee (school)
Personnel committee (school)
Preparing Future Faculty program (university)
- 1997-1998 Syracuse University, School of Information Studies
Ph.D. admissions committee (school)
Recruiting committee (school)
Graduate programs committee (school)
- 1996-1997 Syracuse University, School of Information Studies
Ph.D. admissions committee (school)
Undergraduate programs committee (school)
Faculty Senate (university)
- 1995-1996 Syracuse University, School of Information Studies
Ph.D. admissions committee (school)
Graduate admissions committee (school)
Faculty Senate (university)
- 1994-1995 Syracuse University, School of Information Studies
Graduate admissions committee (school)
Ad-hoc committee on faculty workload (school)
Faculty Senate (university)

Student Supervision

Auckland University of Technology

Department of Business Information Systems

Paweena Wanchai (external examiner: degree conferred in 2015)

Bentley University, United States

Department of Information Processing and Management

Martin Dias (member, Ph.D. committee: degree conferred in 2011)

Goteborg University, Sweden

Viktor Institute, School of Economics and Commercial Law

Helena Holmstrom (opponent, degree conferred in 2004).

The London School of Economics, United Kingdom

Department of Information Systems

Heejin Lee (external examiner, degree conferred in 1997)

Danielle Pica (external examiner, degree conferred in 2006)

The Pennsylvania State University, United States

Bachelors of Philosophy Program and Schreyer Honors College

Aaron Gotwalt (preceptor and supervisor of honors thesis: degree conferred in 2004)

Herschel Thomas (preceptor for 2006-2008: degree conferred in 2009)

Health Policy and Administration Department, College of Health and Human Services

Brye Yant (member, Ph.D. committee: degree conferred in 2005)

Industrial and Organizational Group, Psychology Department, College of the Liberal Arts

Sophia Cho (member, Ph.D. committee: degree conferred in 2002)

Kimberly Erickson (supervisor, minor: completed in 2002)

Jesse Hedge Hohenstein (member, Ph.D. committee: degree conferred in 2006)

Tracey Rizzuto (supervisor, minor; member, M.S., Ph.D. committees: degree conferred in 2004)

School/College of Information Sciences and Technology

Mary Kelly (member, M.S. committee: degree conferred in 2007)

C. Frank Igwe (member, Ph.D. committee: degree conferred in 2008)

Arthur Jones (member, M.S. committee: degree conferred in 2004)

Joaquim Obieta (member, M.S. committee: degree conferred in 2006)

Michael Reinert (co-chair, with David Hall, Ph.D. committee: degree conferred in 2008)

Ankur Tarnacha (member, Ph.D. committee: degree conferred in 2008)

Edward Thomas (chair, M.S. committee: degree conferred in 2005)

Michael Tyworth (co-chair, with Andrea Tapia, Ph.D. committee: degree conferred in 2009)

Benjamin Yeo (member, Ph.D. committee: degree conferred in 2007)

Instructional Systems Department, College of Education

Xun Ge (member, Ph.D. committee: degree conferred in 2001)

Labor Studies and Industrial Relations Department, College of the Liberal Arts

Kelly Elizabeth Jenkins (member, M.S. committee: degree conferred in 2007)

Sara Reagor (member, M.S. committee: degree conferred in 2003)

Peng Xu (member, M.S. committee: degree conferred in 2002)

Xinge Wang (member, M.S. committee: degree conferred in 2002)

Department of Management and Organizations, Smeal College of Business

Kristin Price (member, Ph.D. committee, degree conferred posthumously in 2009)

Schreyer Honors College (thesis students graduated)

Todd Bacastow (thesis advisor: degree conferred in 2005)
Christopher Catalano (thesis advisor: degree conferred in 2004)
Rebecca Dripps (thesis supervisor: degree conferred in 2002)
Matthew Gartland (thesis advisor: degree conferred in 2005)
Aaron Gotwalt (thesis supervisor: degree conferred in 2004)
David Horne ((thesis advisor: degree conferred in 2008)
Geoffrey McGill (thesis advisor: degree conferred in 2005)
Colin Murphy (thesis supervisor: degree conferred in 2003)
Benjamin Niebel (thesis supervisor: degree conferred in 2006)
Daniel Oechsner ((thesis advisor: degree conferred in 2008)
Richard Kaplan (thesis advisor: degree conferred in 2003)
Nicholas Kilmer (thesis advisor: degree conferred in 2006)
Jonathan Korteweg (thesis advisor: degree conferred in 2003)
Toshi Kumar (thesis advisor: degree conferred in 2003)
Alen Meng (thesis advisor: degree conferred in 2008)
Jonathan Singel (thesis advisor: degree conferred in 2006)
James Surdoval (thesis advisor: degree conferred in 2008)
Department of Telecommunications, College of Communication
Young Chu Kim (member, Ph.D. committee, degree conferred in 2006)

Syracuse University, United States

The Maxwell School of Citizenship, Interdisciplinary Ph.D. in Social Sciences Program
Lynne Hinnant (member, Ph.D. committee, degree conferred in 2007)

Renee Crown Honors Program

Tsubasa Morioka (supervisor, honors thesis, degree conferred in 2012)

School of Information Studies

Marcel Allbritton (member, Ph.D. committee, degree conferred in 2006)
Johanna Birklund (member, Ph.D. committee, degree conferred in 2013)
Swati Bhattacharyya (member, Ph.D. committee, degree conferred in 2014)
Donald Day (internal reader, PhD. committee, degree conferred in 1995)
Kristin Eschenfelder (member, Ph.D. committee, degree conferred in 2000)
David K. James (Advisor, Ph.D.)
James Howison (internal reader for Ph.D., degree conferred in 2008)
Mohammad Hossein Jarrahi (Advisor Ph.D., degree conferred in 2013)
Todd Marshall (member, Ph.D. committee, degree conferred in 2011)
Joseph Rubleske (member, Ph.D. committee, degree conferred in 2011)
Sarika Sharma (Advisor, Ph.D.)
Richard Southwick (member, Ph.D. committee, degree conferred in 2009)
Chatpong Tangmanee (member, Ph.D. committee, degree conferred in 1999)
Joseph Treglia (member, Ph.D. committee, degree conferred in 2012)

The University of Calgary, Canada

Information Systems Group, Faculty of Management
Prachit Hawat (external examiner, degree conferred in 1998)

The University of Edinburgh, Scotland

Institute for the Study of Science, Technology and Innovation
Christine Grimm, (external examiner, degree conferred in 2009)

The University of Illinois at Urbana-Champaign, United States
School of Library and Information Science
Ingbert Schmidt (member, Ph.D. committee)

The University of Jyvaskyla, Finland
Faculty of Information Technology
Irja Kankaanpaa, (external examiner, degree conferred in 2011)

The University of Pittsburgh, United States
Information Systems Department, Joseph M. Katz Graduate School of Business
Jacqueline Pike (external member, Ph.D. committee, degree conferred in 2011)