

## Steven (Steve) Burton Sawyer

as of 9/1/08

344 Hinds Hall, Syracuse NY 13244, USA, +1-315-443-6147 (office)  
[ssawyer@syr.edu](mailto:ssawyer@syr.edu) (email) and <http://sawyer.syr.edu> (website)

### 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).

### EMPLOYMENT

8/08 to ... **Associate Professor, School of Information Studies,**  
Syracuse University, Syracuse, NY  
**Senior Research Fellow,** Center for Information Technology and Policy

Research: Computerization of work and organizations. Software and information systems development and implementation. Social and organizational informatics.

Courses: IST 101 Freshman Forum  
IST 614 Managing Information-Based Organizations

8/99 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 of Information Sciences & Technology**  
**Center for the Information Society**

Courses: IST 110 Introduction to Information Sciences and Technology (7 offerings)  
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 (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  
**Director, PhD Program, School of Information Studies** (8/98 to 8/99)  
**Research Fellow,** Center for Information Technology and Policy (1/97 to 8/99)

Courses: IST 155 Introduction to Information, Management and Technology (5)  
IST 352 Information Analysis of Organizational Systems (7)

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 622 Software Life Cycle Management  
IST 714 Ph.D. Seminar on Design of Information-Based Organizations  
IST 810 Ph.D. Research Practicum

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

Managed four year, \$1.5 million, research project involving 15 researchers studying 15 companies, 22 sites and 120 software development projects.

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**

Sawyer, S., Zhang, P and Larsen, R. (contract), *The Information Field and the I-School Movement: Identities, Issue and Opportunities*, Cambridge, MA: MIT Press.

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.

### **Journals and Annuals**

Sawyer, S., Coopridge, J. and Guinan, P. (2008) "Social Interactions of Information Systems Development Teams: A Performance Perspective," *Information Systems Journal*, 18, in press.

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 Mitroy, 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.)
- Lamb, R. and Sawyer, S. (2005) "Social Informatics: Legacy and Next Steps," *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://cais.isworld.org/articles/13-40/>.
- 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.
- 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>.
- 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 Coopriker, 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**

- 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 update 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, forthcoming.
- 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.) *Social Issues of Computing*. New York: Oxford, 93-109.
- Sawyer, S. and Chen, T. (2002) "Conceptualizing Information Technology and Studying 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**

- 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**

- 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/thomsvondransawyer.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**

- 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, pp. 24-39.

### **Book Reviews of**

- 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**

- 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, USA, IEEE Press, New York, in 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. 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) "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 award.

- 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, 2001.
- 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, 2001, 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, 2000, 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, 2000, 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, 2000, 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, 1999, 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, 2000, 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, 1998, 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, 1997, 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, 1996, 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, 1996, 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, 1995, ACM Press, 54-56.

### **Refereed Conference Presentations and Panels**

- 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 10<sup>th</sup> 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 Purao, 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 Conference Presentations, Panels, Seminars and Workshops**

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.

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.

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.

Sawyer, S. (2006), The Second Annual I-Conference, I-Schools Project, October 15-17, Ann Arbor, MI.

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.

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.

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. [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.

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.

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. [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.

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.

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.

Sawyer, S. and Heckman, R., (1995) "A Model of the Information Resource Acquisition Process," 7<sup>th</sup> Fall Conference on Managing Advanced Information Technologies, Syracuse NY. [presenter]

Sawyer, S., (1994) "Field Experiences with Software Development: A Team Perspective," Proceedings of the 16<sup>th</sup> Minnowbrook Conference on Software Engineering, Blue Mountain Lake NY.

### **Technical Reports and Reports to Sponsors**

- 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 Puroo, 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, J, Wigand, R, Sawyer, S., and Albritton, M. (2003) "Towards Friction-Free Work: A Multi-method Study of the Use of Information Technology in the Real Estate Industry" School of Information Studies, Syracuse University, June 30. (For National Science Foundation, Washington, DC).
- 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).

### **Invited Presentations**

- 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 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)

- Williams, C., Sawyer, S., Fedorowicz, J., Markus, M., Dias, M., Jacobson, D., Tyworth, M., Vilviosky, S., "Seeing Practice: A Cartographic Analysis of Public Safety Networks."
- Sawyer, S. and Tyworth, M., "Organic Design of Information Systems."
- Sawyer, S. and Yi, F. "Industry Level Evidence of the Effects of Information and Communication Technologies in Real Estate."
- Sawyer, S. "Data-rich Fields, Data-poor Fields, Science, and Cyberinfrastructure."
- Briscoe, F., Wardell, M. and Sawyer, S. "Independent Contracting and Personal Flexibility among IT Workers."
- Holmström, J., Sawyer, S., Norberg, A. and Svensson, J. "Exploring Information Systems Developers' Black-Boxing of the Emergent Character of Requirements."
- Sawyer, S. and Stolterman, E. "Users and Systems: Two Empty Concepts that Mean So Much."
- Lee, H. and Sawyer, S. "Conceptualizing Time and Space: Information Technology, Work and Organization."
- Chae, B. and Sawyer, S. "Theorizing Information Technology as a Dynamic Social Institution."
- Wardell, M., Sawyer, S. and Mitroy, J. "Gender, Skill and IT Work."
- Sawyer, S, Wigand, R. and Crowston, K. "The Social Embeddedness of Economic Activity: Evidence and Theorizing from a Study of Residential Real Estate."
- Kilduff, M. and Sawyer, S. "Economizing On Bounded Rationality: Networking Through The Machine In Extreme High Reliability Software Production."
- Sawyer, S. "Someone Tell the Users: A Social-Structural Perspective of Enterprise Systems Implementation."

Sawyer, S., Carmel, E. and Cho, S. "Process or Product?: Contrasting Custom and Packaged Software Development."

Sawyer, S, Wigand, R. and Crowston, K. "Computerization: Evidence and Theorizing from the U.S. Residential Real Estate Industry."

## **EXTERNAL GRANTS** (total: \$3,832,926):

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, L., Williams, C. (All of Bentley College, Waltham, MA) and 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 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** (total: \$79,150)

Spring, 2003, Dean of the School of Information Sciences and Technology, The Pennsylvania State University. To support conference on IT, Mobility and Local Government, \$2000.

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 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 additional 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).

### **Editorial Positions (Standing)**

**2008 to present.** Senior Editor (reporting to Editor-in-Chief), *Journal of Information Technology*.  
**2004 to present.** Associate Editor (reporting to Editor-in-Chief), *The Information Society*.  
**2004 to present.** 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 senior editor), *Information Technology & People*.  
**1997 to present.** Member of the editorial board, *Information Technology & People*.

### **Editorial Positions (Special issues of journals and books)**

2008-2009. Member, Editorial Board (For Guest Editors Brian Fitzgerald and Sandra Slaughter) of special issue on 'Flexible and Distributed Information Systems Development' for the journal *Information Systems Research*.  
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*.  
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 *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 *Information Technology & People*.

### **Editorial Service (Conferences)**

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.
- 2003. Associate Editor, International Conference on Information Systems, Seattle, WA.
- 2002. Associate Editor, International Conference on Information Systems, Barcelona, Spain.

### **Professional Leadership**

- 2008. **Workshop Co-Chair** (with J.P. Allen), Computers and Work, Workshop of the International Federation of Information Processing (IFIP), Working Group 9.1, 9 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 (CSSTS) First Summer Workshop, held 20-25 July, 2008 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 Leah Lievrouw), Junior Faculty Mentoring Workshop at the 2008 I-Conference, February 28 - March 1, Los Angeles, CA.
- 2007. **Workshop Co-Chair** (with J.P. Allen), Computers and Work, Workshop of the International Federation of Information Processing (IFIP), Working Group 9.1, 12 December, 2007, Montreal, Quebec, Canada, (following the 2007 International Conference on Information Systems).
- 2007. **Workshop Co-Chair** (with J.P. Allen), Computers and Work, Workshop of the International Federation of Information Processing (IFIP), Working Group 9.1, 6 June, 2007, St. Gallen, Switzerland (preceding the 2007 European Conference on Information Systems).
- 2007- Chairman**, International Federation of Information Processing (IFIP), Working Group 9.1 (computers and work).
- 2005. Program Chair**, First Annual I-Conference, September 28-30, 2005, University Park, PA.
- 2001. **Workshop Co-Chair** (with Jay Coopridge), Junior Faculty Workshop of the 2001 Americas Conference of the Association of Information Systems, August 2, 2001, Waltham, MA.
- 2000. **Workshop Co-Chair** (with Cathy Urquhart), the IFIP 8.2 Working Group OASIS workshop, December 10, 2000, 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**

- 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 21<sup>st</sup> 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 3<sup>rd</sup> Critical IS Research Conference, June, 2008, Galway, Ireland.

- 2007-2008. Member, Program Committee, The 3<sup>rd</sup> Annual I-Conference, March, University of California, Los Angeles, 28 February to 1 March, 2008, Los Angeles, CA, USA.
2007. Co-chair, Poster Sessions, 3<sup>rd</sup> Conference on E-Social Science, 15-17 October, Ann Arbor, MI, USA.
2007. Member, Program Committee, 16<sup>th</sup> 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- 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 5<sup>th</sup> 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 1<sup>st</sup> Critical IS Research Conference, July, 2004, Manchester, UK.
- 2003-2004. Member, Program Committee and Associate Editor of 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 Special Interest Group on Computer Personnel Research;*

*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; 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 Working Group 8.2 (Information in Organizations and Society); International Federation of Information Processing Working Group 8.6 (Diffusion of Innovations); International Federation of Information Processing 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**

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

### **Professional Activities (by invitation)**

- 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> (click on "guest").

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  
Organizational Communications and Information Systems (OCIS)  
Organizational Change and Development (OCD)

American Society for Information Science and Technology (ASIST)  
Special Interest Group on Social Informatics

American Sociological Association  
Computers and Information Technology Section (CITASA)  
Science, Knowledge and Technology Section (SKAT)

Association for Computing Machinery (ACM)  
Special Interest Group on Computers and Society (SIGCAS)

Association for Information Systems (AIS)

Computer Professionals for Social Responsibility (CPSR)

Institute of Electrical and Electronic Engineers (IEEE)  
Society for the Social Implications of Technology (SSIT)

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**

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**

2007 **Faculty Marshall**, School of Information Sciences and Technology, PSU

2007-2008 **Campus Visiting Research Fellow, Informatics Research Institute**  
Salford University, Manchester, UK

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

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**

- 2008-2009 Syracuse University, School of Information Studies  
 Curriculum committee (school)  
 Undergraduate Program committee (school)  
 Faculty Search committee (five positions) (school)
- 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 ad hoc 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**

Goteborg University, Sweden  
Viktoria 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)  
Health Policy and Administration Department, College of Health and Human Services  
Brye Yant (member, Ph.D. committee, degree conferred in 2005)  
Industrial and Organizational Psychology, College of the Liberal Arts  
Sophia Cho (member, Ph.D. committee, degree conferred in 2002)  
Kimberly Erickson (supervisor, minor)  
Jesse Hedge Hohenstein (member, Ph.D. committee, degree conferred in 2006)  
Tracey Rizzuto (supervisor, minor; member, M.S. and Ph.D. committees, Ph.D. degree conferred in 2004)  
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, Ph.D. committee)  
Ankur Tarnacha (member, Ph.D. committee, degree conferred in 2008)  
Edward Thomas (chair, M.S. committee, degree conferred in 2005)  
Michael Tyworth (chair, Ph.D. committee)  
Benjamin Yeo (member, Ph.D. committee, degree conferred in 2007)  
Instructional Systems, 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  
Ravi Shanker Gajendran (member, Ph.D. committee)  
Kristin Price (member, Ph.D. committee)  
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)  
Telecommunications, College of Communication  
Young Chu Kim (member, Ph.D. committee, degree conferred in 2006)  
Baixue Wu (member, Ph.D. committee)

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)

School of Information Studies

Richard Southwick (member, Ph.D. committee)

Marcel Allbritton (member, Ph.D. committee, degree conferred in 2006)

Kristin Eschenfelder (member, Ph.D. committee, degree conferred in 2000)

Chatpong Tangmanee (member, Ph.D. committee, degree conferred in 1999)

Donald Day (member, PhD. committee, degree conferred in 1995)

The University of Calgary, Canada

Information Systems Group, Faculty of Management

Prachit Hawat (external examiner, degree conferred in 1998).