George Wyner

Boston College Carroll School of Management
Fulton Hall 254D
140 Commonwealth Avenue
Chestnut Hill, MA 02467

617-552-8427
wynerge@bc.edu

Education	AB cum laude, Harvard College, 1981 (mathematics). PhD, Massachusetts Institute of Technology, Sloan School of Management, 2000.
Professional Experience	Boston College Carroll School of Management. Associate Professor of the Practice of Information Systems, 2013-present.
	Boston University School of Management. Assistant Professor of Information Systems, 2000-2013.
	MIT Center for Coordination Science. Research Assistant, 1992-2000. Member, Process Handbook Project. Advisor: Professor Thomas W. Malone.
	Massachusetts Institute of Technology. Teaching Assistant in *Inventing the Organizations of the 21st Century*, 1994; in *Organizational Innovation Laboratory*, 1995.
	Shawmut Mills, West Bridgewater, Massachusetts. Systems analyst, 1992.
	Bratton & Wyner Associates, Brattleboro, Vermont. Computer consultant and founding partner, 1989-91.
	George Wyner Associates, Brattleboro, Vermont. Computer consultant, 1985-89.
	Computer System Architects Incorporated, Cambridge, Massachusetts. Programmer, 1981-2.
Research Interests	Primary interests: the representation, classification, analysis, and design of organizational processes; the teaching of technology to non-technologists, especially managers; innovative uses of technology in the classroom. Related interests: systems analysis and design; new organizational forms; coordination theory; computer supported cooperative work; information technology-enabled distributed design.
Journal Articles	Malone, T. W., Crowston, K., Lee, J., Pentland, B., Dellarocas, C., Wyner, G., Quimby, J., Osborn, C. S., Bernstein, A., Herman, G., Klein, M., and O'Donnell, E. "Tools for inventing organizations: Toward a handbook of organizational processes." *Management Science*, Volume 45, Number 3, 1999, pp. 425-443.
	Wyner, G. M. *Let a Thousand Gardeners Prune: Cultivating the Distributed Design of Complex Organizations.* Doctoral Dissertation, Massachusetts Institute of Technology, 2000.
	Wyner, G. M. and Lee, J. "Process Specialization: Defining Specialization for State Diagrams." *Computational and Mathematical Organization Theory*, Volume 8, Number 2, 2002, pp. 133-155.
	Lee, J. and Wyner, G.M. "Defining Specialization for Data Flow Diagrams," *Information Systems* (28:6), 2003, pp. 651-671.
	Iyer, B., Freedman, J., Gaynor, M., and Wyner, G. "Web Services: Enabling Dynamic Business Networks," *Communications of the AIS* (11), 2003, pp. 525-554.

Journal Articles, continued

Iyer, B., Shankaranarayanan, G., and Wyner, G. "Process Coordination Requirements: Implications for the Design of Knowledge Management Systems." *Journal of Computer Information Systems*, Volume 46, Number 5, 2006, pp. 1-13.

Lee, J., Wyner, G.M., and Pentland, B.T. "Process Grammar as a Tool for Business Process Design," *MIS Quarterly*, Volume 32, Number 4, 2008, pp. 757-778.

Watts, S., and Wyner, G. 2011. "Designing and theorizing the adoption of mobile technology-mediated ethical consumption tools," *Information Technology & People*, Volume 24, Number 3, 2011, pp. 257 - 280.

Pentland, B. T., Recker, J., & Wyner, G. "Rediscovering handoffs," *Academy of Management Discoveries*, Volume 3, Number 3, 2017.

Pentland, B. T., Recker, J., Wolf, J. R., & Wyner, G. "Bringing Context Inside Process Research with Digital Trace Data," *Journal of the Association for Information Systems*, Volume 21, Number 5, 2020.

Book Chapters

Malone, T. W., Crowston, K., Lee, J., Pentland, B., Dellarocas, C., Wyner, G., Quimby, J., Osborn, C. S., Bernstein, A., Herman, G., Klein, M., and O'Donnell, E. "Tools for inventing organizations: Toward a handbook of organizational processes." In T. W. Malone, K. Crowston, and G. Herman (Eds.) *Organizing Business Knowledge: The MIT Process Handbook*, Cambridge, MA: MIT Press, Cambridge, MA, 2003, pp. 13-37.

Wyner, G. M. "Let a Thousand Gardeners Prune: Cultivating Distributed Design in Complex Organizations." In T. W. Malone, K. Crowston, and G. Herman (Eds.) *Organizing Business Knowledge: The MIT Process Handbook*, Cambridge, MA: MIT Press, Cambridge, MA, 2003, pp. 261-289.

Wyner, G. M. and Lee, J. "Defining Specialization for Process Models." In T. W. Malone, K. Crowston, and G. Herman (Eds.) *Organizing Business Knowledge: The MIT Process Handbook*, Cambridge, MA: MIT Press, Cambridge, MA, 2003, pp. 131-174.

Presentations

Wyner, G. "Generating New Organizational Forms Using Organizational Process Grammars." *Academy of Management*, Dallas, Texas, 1994.

Wyner, G. and Lee, J. "Applying Specialization to Process Models." *Conference on Organizational Computing Systems*, Milpitas, California, ACM, 1995, pp. 290-301.

Wyner, G. M. "The Language of Coordination: A Method for the Distributed Design of Complex Organizations." *Doctoral Colloquium at the ACM 1996 Conference on Computer Supported Cooperative Work*, Cambridge, Massachusetts, 1996.

Wyner, G. M. and Malone, T. W. "Cowboys or Commanders: Does Information Technology Lead to Decentralization?" *International Conference on Information Systems*, Cleveland, Ohio, 1996, pp. 63-79.

Balasubramanian, P. R., Wyner, G. M., and Joglekar, N. "The Role of Coordination and Architecture in Supporting ASP Business Models." In *Thirty-Fifth Hawaii International Conference on System Sciences*, Waikoloa, Hawaii, Computer Society Press of the IEEE, 2002, p. 75.

Gaynor, M., Wyner, G., Iyer, B., and Freedman, J. "Web Services Tutorial," *Americas Conference on Information Systems*, Tampa, Florida, 2003.

Presentations, continued

Wyner, G. M. and Lee, J. "Applying Specialization to Petri Nets: Implications for Workflow Design." In C. Bussler and A. Haller (Eds.), *First International Workshop on Business Process Design: Past, Present, Future (BPD 2005)*, Nancy, France, Lecture Notes in Computer Science 3812, Springer-Verlag, 2005, pp. 432-443.

Wyner, G. M. and Liu, X. "Coordination Analysis: A Method for Deriving Use Cases from Process Dependencies." *4th International Conference on Design Science Research in Information Systems and Technology (DESRIST 2009)*, Malvern, Pennsylvania, 2009.

Quaadgras, A. and Wyner, G. M. "Distributed Work Display: A Representation for Analyzing Enacted Distributed Operational Work." *International Conference on Information Systems (ICIS) 2009*, Phoenix, Arizona, 2009.

Gaynor, M., and Wyner, G. M. "Teaching Electronic Medical Records Technology." *Workshop on Information Technologies and Systems (WITS) 2010*, St. Louis, Missouri, 2010.

Wyner, G. M. "Using Ruby Interactively to Understand What An Object Is." *Workshop on Information Technologies and Systems (WITS) 2010*, St. Louis, Missouri, 2010.

Wyner, G. M. "Why grandma trims the brisket: Resource flows as a source of insight for it-enabled business process design." *6th International Conference on Design Science Research in Information Systems and Technology (DESRIST 2011),* Milwaukee, Wisconsin, 2011.

Wyner, G. M. and Lubin, B. "From hello world to interface design in three days: Teaching non-technical students to use an API." *Seventeenth Americas Conference on Information Systems (AMCIS 2011)*, Detroit, Michigan, 2011.

Dreyfus, D. and Wyner, G. M. "Digital cement: Software portfolio architecture, complexity, and flexibility." *Seventeenth Americas Conference on Information Systems (AMCIS 2011)*, Detroit, Michigan, 2011.

Iyer, B. and Wyner, G. M. "Evaluating APIs: A call for design science research." *7th International Conference on Design Science Research in Information Systems and Technology (DESRIST 2012)*, Las Vegas, Nevada, 2012.

Freedman, J. and Wyner, G. M. "Desperately seeking IS curriculum relevance: Teaching information systems in a cross-functional context." *Proceedings of the Eighteenth Americas Conference on Information Systems (AMCIS 2012)*, Seattle, Washington, 2012.

Wyner, G. M. and Lubin, B. "It's Not Just a Class, It's an Adventure: Teaching Web Development Through Game Creation" *Workshop on Information Technologies and Systems (WITS) 2012*, Orlando, Florida, 2012.

Gaynor, Mark, George Wyner, and Amar Gupta. 2014. "Dr. Watson? Balancing automation and human expertise in healthcare delivery." *Proceedings of the 6th International Symposium on Leveraging Applications of Formal Methods, Verification and Validation (ISoLA 2014)*. Imperial, Corfu, Greece, 2014.

Pentland, B. T., Recker, J., & Wyner, G. "A thermometer for interdependence: Exploring patterns of interdependence using networks of affordances." *International Conference on Information Systems*, Fort Worth, Texas, 2015.

Pentland, B. T., Recker, J., & Wyner, G. "Conceptualizing and measuring interdependence between organizational routines." *International Conference on Information Systems*, Dublin, Ireland, 2016.

Presentations, continued

Gallaugher, J.M. and Wyner, G. "Case Study: Content and Connections in the Information Systems Curriculum." *International Conference on Information Systems Education and Research (SIGEd 2016)*, Dublin, Ireland, 2016.

Working Papers

Gallivan, M., Goh, C. H., Hitt, L. M., and Wyner, G. "Incident Tracking at Infocorp: Case Study of a Pilot Notes Implementation." MIT Center for Coordination Science Working Paper #149, May, 1993.

Pentland, B. T., Osborn, C. S., Wyner, G., and Luconi, F. "Useful Descriptions of Organizational Processes: Collecting Data for the Process Handbook." MIT Center for Coordination Science Working Paper #208, August 1999.

Wyner, G. and Lee, J. "Defining Specialization for Process Models." Center for Coordination Science, MIT Sloan School of Management Working Paper #216 (Sloan WP 4159), February, 2001.

Wyner, G. M., "How to Model a Distributed Business System Architecture," Boston University School of Management Working Paper 2006-15, September, 2006.

Teaching Cases

Wyner, G. and Michaud, M. "Information Sharing Across the Healthcare System: Fenway Hospital & Katama Ambulance." Boston University School of Management Teaching Case, August, 2006.

Honors

Presidential Scholar, 1976.
National Science Foundation Graduate Research Fellowship Honorable Mention, 1992.
International Conference on Information Systems Doctoral Fellow, 1997.
Best Instructional Technology, Workshop on Information Technology and Systems, December, 2010.

Editorial and Review Experience

Ad hoc reviewer for: Information Systems Research, Journal of the Association for Information Systems, European Journal of Information Systems, Information and Management, Information Systems Journal, Decision Support Systems, Journal of Data and Information Quality, Electronic Commerce Research and Applications, Americas Conference on Information Systems, International Conference on Information Systems, International Conference on Design Science Research in Information Systems, and Hawaii International Conference on System Sciences

Professional Activities

Program Committee Member, International Workshop on Process in the Large, 2010.

Program Committee Member, 1st International Workshop on Process Model Collections, 2011.

Program Committee Member, Eighth International Conference on Design Science Research in Information Systems and Technology (DESRIST 2013), 2012-13.