

KATHERINE J. STEWART

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EDUCATION

University of Texas at Austin, Ph.D., 2000
Concentrations: Organization Science and Information Systems

University of Florida, B.S. in Business Administration (with Honors), 1992
Major: Computer and Information Science, Minor: English.

PROFESSIONAL EXPERIENCE

- 2006 – Associate Professor, Department of Decision and Information Technologies, R. H. Smith School of Business. University of Maryland, College Park, MD.
- 2000 – 2006 Assistant Professor, Department of Decision and Information Technologies, R. H. Smith School of Business. University of Maryland, College Park, MD.
- 1998 - 1999 Assistant Instructor, University of Texas at Austin, Department of MSIS.
- 1992 - 1995 Systems Analyst, Exxon Company International, Florham Park, NJ.

HONORS AND AWARDS

- 2008 University of Maryland Smith Summer Research Grant
- 2008 Appointed as an Associate Editor, *Journal of Management Information Systems*
- 2007 University of Maryland Smith Summer Research Grant
- 2007 Appointed as an Associate Editor for *Management Science*
- 2006 University of Maryland Smith Summer Research Grant
- 2006 Appointed as an Associate Editor for *Information Systems Research*
- 2006 Appointed as an Associate Editor for *Journal of the Association for Information Systems*
- 2006 Elected to the executive board of the OCIS division of the Academy of Management.
- 2005 University of Maryland Smith Summer Research Grant
- 2004 – 2009 National Science Foundation CAREER Award
- 2004 University of Maryland Graduate Research Board Grant
- 2002 – 2004 Smith Research Fellowship
- 2001 DARPA Netcentricity Research Grant
- 2001 University of Maryland Graduate Research Board Grant
- 1999 - 2000 University of Texas Continuing Fellowship
- 1999 University of Texas Center for Customer Insight Grant
- 1999 Bonham Fund Dissertation Grant
- 1995 W.W. Cooper Fellowship

PEER-REVIEWED JOURNAL ARTICLES

Stewart, Katherine J and Malaga, Ross, “Contrast and Assimilation Effects on Consumers’ Trust in Internet Companies,” forthcoming in the *International Journal of Electronic Commerce*.

Stewart, Katherine J., Darcy, David P., and Daniel, Sherae “Opportunities and Challenges Applying Functional Data Analysis to the Study of Open Source Software,” *Statistical Science* (21:2), 2006, p. 167-178.

Stewart, Katherine J. and Gosain, Sanjay. “The Impact of Ideology on Effectiveness in Open Source Software Development Teams” *MIS Quarterly* (30:2), 2006, pp.291-314.

Stewart, Katherine J, Ammeter, Tony A. and Maruping, Likoebe “Impacts of License Choice and Organizational Sponsorship on User Interest and Development Activity in Open Source Software Projects,” *Information Systems Research* (17:2), 2006, pp. 126-144.

Stewart, Katherine J. and Gosain, Sanjay, “The Moderating Role of Development Stage in Affecting Free/Open Source Software Project Performance,” *Software Process Improvement and Practice Journal* (11:2), 2006, pp. 177-191.

Stewart, Katherine J. “How Hypertext Links Influence Consumer Perceptions To Build And Degrade Trust Online,” *Journal of Management Information Systems* (23:1) Summer 2006.

Gefen, David; Pavlou, Paul; Benbasat, Izak; McKnight, Harrison; Stewart, Katherine; Straub, Detmar. “Should Institutional Trust Matter in Information Systems Research?” *Communications of the AIS* (19:7), 2006, pp. 205-222.

Stewart, Katherine J. “Trust Transfer on the World Wide Web” *Organization Science*, (14:1), January/February, 2003, pp 5-17.

Westphal, James, Seidel, Marc-David L., and Stewart, Katherine J. "Second-Order Imitation: Uncovering Latent Effects of Network Ties and Prior Experience," *Administrative Science Quarterly*, (46) December 2001, pp 717 - 747.

Seidel, Marc-David L., Polzer, Jeffrey T., and Stewart, Katherine J. “Friends in High Places: The Effects of Social Networks on Discrimination in Salary Negotiations,” *Administrative Science Quarterly*, (45) March 2000, pp. 1 – 24.

Polzer, Jeffrey T., Stewart, Katherine J., and Simmons, Jessica L. “A Social Categorization Explanation for Framing Effects in Nested Social Dilemmas,” *Organizational Behavior and Human Decision Processes*, (79), August 1999, pp. 154-178.

PEER-REVIEWED CONFERENCE PROCEEDINGS

Daniel, Sherae, Agarwal, Ritu, and Stewart, Katherine J. “An Absorptive Capacity Perspective on Open Source Software Development Group Performance,” in the *Proceedings of the 27th International Conference on Information Systems*, Milwaukee, WI, December, 2006.

Stewart, Katherine J., Darcy, David P., and Daniel, Sherae. “Observations on Patterns of Development in Open Source Software Projects,” in the proceedings of the 5th Workshop on Open Source Software Engineering, held in conjunction with the International Conference on Software Engineering, St. Louis, Missouri, May, 2005.

Stewart, Katherine J., Ammeter, Tony A., and Maruping, Likoebe. “A Preliminary Analysis of the Influences of Licensing and Organizational Sponsorship on Success in Open Source Projects” in the proceedings of the 38th Hawaii International Conference on System Sciences, January 2005.

Stewart, Katherine J. "OSS Project Success: From Internal Dynamics to External Impact," in the proceedings of the 4th Workshop on Open Source Software Engineering, held in conjunction with the International Conference on Software Engineering, Edinburgh, Scotland, May 2004.

Stewart, Katherine J. and Ross Malaga. "Links Are Everywhere: Effects of Web-based Groupings on Trust Transfer" in the proceedings of the 24th International Conference on Information Systems, Seattle, WA, December, 2003. (acceptance rate approximately 16%)

Stewart, Katherine J and Ammeter, Tony A. "An Exploratory Study of Factors Affecting the Popularity and Vitality of Open Source Projects," in the proceedings of the 23rd International Conference on Information Systems, Barcelona, Spain, December, 2002. (acceptance rate approximately 16.5%)

Stewart, Katherine J and Darcy, David. "An Exploratory Study of Factors Affecting the Complexity of Open Source Projects," in the proceedings of the WITS Conference, Barcelona, Spain, December, 2002. (acceptance rate approximately 25%)

Stewart, Katherine J and Zhang, Yali . "An Experimental Examination of the Effects of the Nature and Direction of Hypertext Links on Trust Transfer between Organizations," in the proceedings of the 23rd International Conference on Information Systems, Barcelona, Spain, December, 2002. (acceptance rate approximately 16.5%)

Stewart, Katherine J. and Gosain, Sanjay. "An Exploratory Study of Ideology and Trust in Open Source Development Groups" in the proceedings of the 22nd International Conference on Information Systems, New Orleans, LA, December 2001. (acceptance rate approximately 19%)

Seidel, Marc-David, and Stewart, Katherine J. "The C-Form: Emergence of a Post-Industrial Organizational Form," Proceedings of the conference of the Administrative Sciences Association of Canada, Montreal, p. 81-90, July 2000.

Stewart, Katherine J. "Transference as a Means of Building Trust in World Wide Web Sites" in the Proceedings of the 20th International Conference on Information Systems in Charlotte, NC, December 1999. (acceptance rate approximately 20%)

Seidel, Marc-David L., Polzer, Jeffrey T., and Stewart, Katherine J. "Friends in High Places: Structural Discrimination in Salary Negotiations" in the Proceedings of the Academy of Management Meeting, San Diego, CA, 1998. (acceptance rate approximately 10%)

Stewart, Katherine J. "Trust and the Influence of Intermediaries on Clients' Evaluations of Information" in the Proceedings of the Institute for Behavioral and Applied Management Meeting, Orlando, FL, October, 1998.

OTHER PUBLICATIONS

Stewart, Katherine J. "Studies of Success in Open Source Software Projects" in Successful OSS Project Design and Implementation: Requirements, Tools, Social Designs, Reward Structures and Coordination Methods, Hind, Belbaly and Meissonier (eds.), Gower Publishing, UK, (in press).

INVITED PRESENTATIONS

Stewart, Katherine J. "Exploring Complexity in Open Source Software Projects" invited presentation at Michigan State University, February 2, 2008.

Stewart, Katherine J. "Success Factors in Open Source Software Development" invited presentation at American University, November 30, 2006.

Stewart, Katherine J., "Success Factors in Open Source Software Development: A Theoretical Model and Empirical Test," invited presentation at the Southern Economic Association conference, Washington, DC, November 2005.

Stewart, Katherine J. "Success Factors in Open Source Software Development" invited presentation at the PhD Project Information Systems Doctoral Students Association Conference, Omaha, Nebraska, 2005

Stewart, Katherine J and Zhang, Yali . "Effects of the Nature and Direction of Hypertext Links on Trust Transfer," invited presentation at the International Conference on E-Commerce in Pittsburgh, PA, October, 2003.

Stewart, Katherine J. "How are Open Source Software Projects Organized and What Makes Them Successful?" Invited presentation at the Workshop to Advance the Research Agenda on Open Source Software, sponsored by the European Commission and the Center for Information Policy, Brussels, Belgium, October 14, 2002.

Stewart, Katherine J. "Hypertext Links, Trust, and Success on the World Wide Web" invited presentation at Juniata College, PA, February 9, 2001.

Stewart, Katherine J. "Transference as a Means of Building Trust in World Wide Web Sites" invited presentation at the INFORMS Conference in San Antonio, TX, November 2000.

Stewart, Katherine J. "Antecedents and Consequences of Consumers' Trust in Companies Encountered on the World Wide Web," invited presentation at the University of Texas Center for Customer Insight summer research workshop, July 22, 1999.

OTHER PRESENTATIONS AND APPEARANCES

Stewart, Katherine J., Qiu, Yixin, and Bartol, Kay. "Women's Participation and Roles in the *KDE Women's Group*: Exploring a Potential Conduit to Work in the KDE Project," presented at the *Perspectives on Gender and Technology Conference*, April 11, 2008.

Stewart, Katherine J., Qiu, Yixin, and Bartol, Kay. "Women's Groups in Open Source Software: Four Exploratory Case Studies," presented at the Academy of Management meetings in Philadelphia, PA, August 2007.

"Should Institutional Trust Matter in Information Systems Research?" Panelist at the International Conference on Information Systems, Las Vegas, NV, 2005.

"An Investigation of Cognitive Antecedents to Satisfaction using Web-based Decision Support Systems by Song, Jones, and Gudigantala," discussant at the International Conference on Information Systems, Las Vegas, NV, 2005.

"Finding the Balance: Trust and Control," discussant at the Academy of Management meetings in Honolulu, HI, 2005.

Daniel, Sherae and Stewart, Katherine J. "A Conceptualization of the Organizational Structure that Supports Open Source Software Development," presented at the Americas Conference on Information Systems, Omaha, Nebraska, 2005.

Stewart, Katherine J., Darcy, David P., Daniel, Sherae. "Divining Complexity Patterns in Open Source Software Projects using Functional Data Analysis," presented at the 1st Interdisciplinary Symposium on Statistical Challenges in Ecommerce, College Park, MD, 2005.

Stewart, Katherine J., Ammeter, Anothony P. and Maruping, Likoebe, "Success Factors in Open Source Software Development: Impacts of License Restrictiveness and Organizational Sponsorship," presented at the 20th annual Washington Consortium of Business Schools Faculty Research Forum, Washington DC, December 4, 2004.

"Open Source Software: Are you using it?", interview on Maryland Public Television *Smith Business Close-Up*, December 16, 2004.

Stewart, Katherine J and Zhang, Yali . "Effects of the Nature and Direction of Hypertext Links on Trust Transfer," presented at the Academy of Management meetings, Seattle, Washington, August 2003.

Seidel, Marc-David L. and Stewart, Katherine J. "The C-Form: Emergence of a Post-Industrial Organizational Form," presented at the Academy of Management Meetings in Washington, D.C, August 2001.

Stewart, Katherine J. "A Cognitive Theory of Trust Transfer" presented at the Academy of Management Meetings in Washington, D.C., August 2001.

Westphal, James, Seidel, Marc-David, and Stewart, Katherine J. "Second-Order Learning: Uncovering Latent Effects of Network Ties and Prior Experience," presented at the Academy of Management Conference in Toronto, ON., August 2001.

Polzer, Jeffrey T., Stewart, Katherine J., and Simmons, Jessica L. "Framing and Categorization in Nested Social Dilemmas" presented at the Academy of Management Meeting, San Diego, CA., August 1998.

SERVICE

Editorial Activities: *Journal of Management Information Systems* associate editor, appointed 2008
Management Science associate editor, appointed 2007 - present.
Information Systems Research associate editor, appointed for 2006-2008
Journal of AIS associate editor, appointed for 2006-2008
International Conference on Information Systems associate editor, 2004-2005

Journal reviewing: *Academy of Management Review*, *Empirical Software Engineering*, *Information Systems Journal*, *Information Systems Research*, *Information Technology and Management Journal*, *Journal of AIS*, *Journal of Interactive Marketing*, *Journal of Strategic Information Systems*, *Management Science*, *MIS Quarterly*, *Organization Science*, *Sloan Management Review*

Conference reviewing and program committees: International Conference on Open Source Systems 2006-2007 program committee, Academy of Management (1999 – 2006), HICSS (2004-2005), International Conference on Information Systems (2001- 2007), Southern Management Association Conference (2002), CIST Program Committee (2002-2003, 2006), Southern Management Association Best Paper Committee (2005), Minnesota Conference on Knowledge Management reviewer (2003).

Other service to the profession:

Academy of Management OCIS Division Chair Elect, 2008.
Academy of Management OCIS Program Chair, 2007.
Academy of Management OCIS Program Chair Elect, 2006.
National Science Foundation Human Centered Computing Review Panel, 2007.
National Science Foundation Human and Social Dynamics Review Panel, 2006.
National Science Foundation Digital Societies and Technology Review Panel, 2005.
National Science Foundation Digital Societies and Technology Review Panel, 2004.
National Science Foundation Digital Societies and Technology Review Panel, 2003.
Academy of Management OCIS nominating committee, 2004.
External examiner for thesis of Mr. Steven Feland, Murdoch University, Australia, 2003
External reviewer for Villanova University summer funding proposal, 2003

School and University Service:

Smith School Liaison to the Institutional Review Board, 2006-2007
Smith School Back-up Liaison to the Institutional Review Board, 2005-2006
Smith School Web/Portal Committee member, 2003-2006
Smith Technology Initiative committee member, 2003-2004
Clark School of Engineering, NSF CAREER proposal panelist, 2004
D&IT Department IS PhD Program Director, 2006-present
D&IT Department PCC chair 2004-2005
D&IT Department IS PhD review committee member 2005
D&IT Department IS Marketing committee member 2005
D&IT Department MBA IS Electives Review Committee Chair 2003-2004
D&IT Department IS Junior Faculty recruiting committee member, 2004-2005
D&IT Department IS Senior Faculty recruiting committee member, 2004-2005
D&IT Department IS Faculty search committee member, 2001, 2002, 2003
D&IT Department Undergraduate Curriculum review committee, 2001
LBPP Department Technology, Economics, and Policy Assistant Professor Search Committee, 2001
D&IT Department strategic planning committee member, 2000