

## CURRICULUM VITAE

### Jason Dedrick

School of Information Studies, Syracuse University  
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### Education

- 2005      Ph.D. in Management (Information Systems)  
The Paul Merage School of Business, University of California, Irvine.  
Dissertation: "Information Technology and the Organization of Economic Activities:  
An Empirical Study"
- 1990      Masters in Pacific International Affairs, University of California, San Diego
- 1981      Bachelor of Science, SUNY Brockport, Business Administration

### Experience

- 2009-      Syracuse University  
Professor, School of Information Studies  
Associate Dean for Research (beginning in January, 2015)
- 2006-2009      University of California, Irvine  
Senior Lecturer, Paul Merage School of Business
- 2006      University of California, San Diego  
Senior Lecturer, Graduate School of International Relations/Pacific Studies
- 1990-2009      University of California, Irvine  
Project Scientist: Center for Research on Information Technology and Organizations  
Co-director: Personal Computing Industry Center

### Research Interests

My current research is focused on the diffusion and economic impacts of sustainable technologies, including wind energy and smart grids, the globalization of technology and innovation, and the organizational impacts of information technology. I study the economic impacts of IT investment and use at the firm, industry and national level and analyze the impacts of national policy and environment on technology diffusion and management. I also study global value chains in the personal computing industry and the globalization of knowledge work.

## Grants

Alfred P. Sloan Foundation, “Privacy Policies for Smart Meter Data: Integrating Consumer and Utility Interests”, \$48,900. Principal investigator (2015-2016).

National Science Foundation, “Data Privacy for Smart Meter Data: A Scenario-Based Study,” \$266,101. Principal investigator (2014-2016)

National Science Foundation, Research Experience for Undergraduate supplement for NSF SES-1231192, \$8,000, Principal investigator (2014-2015)

JPMorgan Chase & Co., “Global Enterprise Technology Curriculum Grant,” \$851,000, Principal Investigator (2013)

National Science Foundation (SES-1231192), “Adoption of Smart Grid Technologies by Electrical Utilities: Factors Influencing Organizational Innovation in a Regulated Environment.” \$331,190. Principal investigator (2012-2015)

Alfred P. Sloan Foundation, “Economic Impacts of Emerging Clean Energy Industries: Jobs and Wages in the Wind Energy Global Value Chain,” \$124,775. Principal investigator. (2011-2013)

Alfred P. Sloan Foundation, “Value Capture and Jobs in the Global Wind Energy Industry,” \$20,000. Principal investigator. (2009-2010)

Alfred P. Sloan Foundation, “The Value from Innovation: Where the Value-add and Jobs End Up for the iPod and notebook PCs (Phase 2),” \$150,000. Principal investigator. (2009-2010)

Alfred P. Sloan Foundation, “The Value from Innovation: Where the Value-add and Jobs End Up for the iPod and notebook PCs (Phase 1),” \$125,000. Co-principal investigator (2007-2009)

Alfred P. Sloan Foundation, Personal Computing Industry Center grant, \$250,000, renewed for \$100,000. Co-director. (2005-2012)

National Science Foundation, “Offshoring in a Global Economic Crisis: Economic and Social Dynamics,” \$199,000. Co-principal investigator. (2009-2012)

National Science Foundation, “Globalization and Offshore Sourcing of Knowledge Work: Economic, Relational and Information Technology Dynamics,” \$550,000. Co-principal investigator. (2006-2011)

Alfred P. Sloan Foundation, “Creating and Capturing Value in Global Knowledge Networks,” \$130,000. Investigator. (2003-2006)

Investigator on previous grants from NSF (4), Sloan Foundation (3), University of California Institute for Mexico and the United States, University of California Pacific Rim Research Program, IBM Asia-Pacific, IBM Global Services.

## **Awards**

International Conference on Information Systems, Best Conference Theme Paper, 2003

Hawaiian International Conference on System Science, Best Track Paper, 2001

## **Publications**

### Books

Kraemer, K.L., Dedrick, J. Melville, N., Zhu, K. (2006). *Global E-Commerce: Impacts of National Environment and Policy*, Cambridge University Press.

Dedrick, J., Kraemer, K.L. (1998). *Asia's Computer Challenge: Threat or Opportunity for the United States and the World?* Oxford University Press.

### Refereed Journal Articles (total: 51)

Dedrick, J., & Kraemer, K. L. (2015). Who captures value from science-based innovation? The distribution of benefits from GMR in the hard disk drive industry. *Research Policy*, 44(8), 1615-1628.

Dedrick, J., Venkatesh, M., Stanton, J. M., Zheng, Y., & Ramnarine-Rieks, A. (2014). Adoption of smart grid technologies by electric utilities: factors influencing organizational innovation in a regulated environment. *Electronic Markets*, 1-13.

Dedrick, J., Kraemer, K. L., & Linden, G. (2014). Wind Energy: Should the US Renew Its Support?. *The Electricity Journal*, 27(8), 60-74.

Shin, N., Kraemer, K. L., & Dedrick, J. (2014). Value capture in global production networks: evidence from the Taiwanese electronics industry. *Journal of the Asia Pacific Economy*, 19(1), 74-88.

Dedrick, J., Kraemer, K. L., & Shih, E. (2013). Information technology and productivity in developed and developing countries. *Journal of Management Information Systems*, 30(1), 97-122.

Dedrick, J., Kraemer, K.L., & Tang, J. (2012). "China's indigenous innovation policy: Impacts on multinational R&D." *IEEE Computer*, 45(11):70-78.

Shin, N., Kraemer, K.L., and Dedrick, J. (2012). Value capture in the global electronics industry: empirical evidence for the 'smiling curve' concept, *Industry and Innovation*. 19(2), 89-107.

- Dedrick, J., Kraemer, K.L. and Linden, G. (2011). The distribution of value in the mobile phone supply chain, *Telecommunications Policy*, 34:505-521.
- Dedrick, J., Carmel, E., Kraemer, K.L. (2011). "A dynamic model of offshore software development." *Journal of Information Technology*. 26, 1-15.
- Linden, G., Dedrick, J. and Kraemer, K.L. (2011). Innovation and job creation in a global economy: the case of Apple's iPod, *Journal of International Commerce and Economics*, 3(1) 223-240.
- Whitaker, J., Melville, N., Plice, R. and Dedrick, J. (2010). "Global diffusion of the Internet XVI: the role of economic development and firm internationalization in internet business practices," *Communications of the Association for Information Systems*: Vol. 27, Article 31.
- Dedrick, J. (2010). "Green IS: concepts and issues for information systems research," *Communications of the Association for Information Systems*, Vol. 27, Article 11.
- Dedrick, J., Kraemer, K.L. (2010). "Impacts of internal and interorganizational information systems on the outsourcing of manufacturing." *Journal of Strategic Information Systems*, 19(2), 78-95.
- Dedrick, J., Kraemer, K.L., Linden, G. (2010) "Who profits from innovation in global value chains? a study of the iPod and notebook PCs." *Industrial and Corporate Change* 19(1), 81-116.
- Carmel, E., Dedrick, J., Kraemer, K.L. (2009). "Routinizing the offshore choice: applying diffusion of innovation to the case of EDS," *Strategic Outsourcing, an International Journal*, 2(3), 229-239.
- Shin, N., Kraemer, K.L., Dedrick, J. (2009). "R&D, Value Chain Location and Firm Performance in the Global Electronics Industry," *Industry and Innovation*. 16(3), 315
- Kraemer, K.L., Dedrick, J., Sharma, P. (2009). "One Laptop Per Child: vision versus reality," *Communications of the ACM*, 52(6), 66-73.
- Linden, G., Kraemer, K.L., Dedrick, J. (2009). "Who captures value in a global innovation network? The case of Apple's iPod." *Communications of the ACM*, 52(3), 140-144.
- Dedrick, J., Xu, S.X., Zhu, K.X. (2008). "How does information technology shape supply-chain structure? Evidence on the number of suppliers," *Journal of Management Information Systems*, 25(2), 41-72.
- Shih, E., Kraemer, K.L., Dedrick, J. (2008). "IT diffusion in developing countries: policy issues and recommendations," *Communications of the ACM*, 51(2), 43-48.
- Shih, E., Kraemer, K.L., Dedrick, J. (2007). "Determinants of country-level investment in information technology," *Management Science*, 53(3), 521-528.
- Dedrick, J., Kraemer, K.L. (2006). "Is production pulling knowledge work to China? A study of the notebook PC industry," *IEEE Computer*, July 2006, 62-68.

- West, J., Dedrick, J. (2006) "Scope and timing of deployment: moderators of organizational adoption of the Linux server platform," *International Journal of IT Standards and Standardization Research* 4(2).
- Shih, E., Dedrick, J., Kraemer, K.L. (2005). "Rule of law and the international diffusion of e-commerce," *Communications of the ACM*, 48(11), 57-62.
- Dedrick, J., Kraemer, K.L. (2005). "The impacts of information technology on firm and industry structure: the personal computer industry," *California Management Review*, 47(3), 122-142.
- Tigre, P.B., Dedrick, J. (2004). "E-commerce in Brazil: local adaptation of a global technology," *Electronic Markets*, 14(1), 36-47.
- Zhu, K., Kraemer, K.L., Xu, S., Dedrick, J. (2004). "Information technology payoff in e-business environments: an international perspective on value creation of e-business in the financial services industry," *Journal of Management Information Systems*, 21(1), 17-54.
- Andersen, K.V., Bjorn-Andersen, N., Dedrick, J. (2003). "Governance initiatives creating a demand-driven e-commerce approach: The case of Denmark," *The Information Society*, 19(1), 95-105.
- Gibbs, J., Kraemer, K.L., Dedrick, J. (2003). "Environment and policy factors shaping global e-commerce diffusion: a cross-country comparison," *The Information Society*, 19(1), 5-18. 2003.
- Dedrick, J., Gurbaxani, V., Kraemer, K.L. (2003). "Information technology and economic performance: a critical review of the empirical evidence," *ACM Computing Surveys*, 35(1), 1-28.
- Kraemer, K.L., Dedrick, J. (2002). "Strategic use of the Internet and e-commerce: Cisco Systems," *Journal of Strategic Information Systems*, 11, 5-29.
- Kraemer, K.L., Dedrick, J. (2002). "Enter the dragon: China's computer industry," *IEEE Computer*, 35(2), 28-36.
- West, J., Dedrick, J. (2001). "Open source standardization: the rise of Linux in the network era," *Knowledge, Technology & Policy*, 14(2), 88-112.
- Kraemer, K.L., Dedrick, J. (2001). "Liberalization and the computer industry: A comparison of four developing countries," *The Information Society*, 17(2), 83-90.
- Dedrick, J., Kraemer, K.L., Palacios, J.J. (2001). "Impacts of liberalization and economic integration on Mexico's computer sector," *The Information Society*, 17(2), 119-132.
- Dedrick, J., Kraemer, K.L., Palacios, J.J., Tigre, P.B., Botelho, A. (2001). "Economic liberalization and the computer industry: comparing outcomes in Brazil and Mexico," *World Development*, 29(7), 1199-1214.

- West, J., Dedrick, J. (2000). "Innovation and control in standards architectures: The rise and fall of Japan's PC-98," *Information Systems Research*, 11(2), 197-216, 2000.
- Kraemer, K.L., Dedrick, J., Yamashiro, S. (2000). "Refining and extending the business model with information technology: Dell Computer Corporation," *The Information Society*, 16(1), 5-22.
- Kraemer, K.L., Dedrick, J. (1998). "Globalization and increasing returns: implications for the U.S. computer industry," *Information Systems Research*, 9(4), 303-322.
- Kraemer, K.L., Dedrick, J., (1997). "Computing and public organizations," *Journal of Public Administration Research and Theory*, 7(1), 89-113. 1997.
- West., J., Kraemer, K.L., Dedrick, J. (1996). "Reconciling vision and reality in Japan's NII policy," *Information Infrastructure and Policy*, 5(1), 15-39, 1996.
- Kraemer, K., Dedrick, J. (1996) "Entrepreneurship, coordination and flexibility: Taiwan's information technology policy," *The Information Society*, 12(2), 215-249.
- Dedrick, J., Kraemer, K.L., Choi, D. (1995). "Korean technology policy at a crossroads: The case of information technology," *Journal of Asian Business*, 11(4), 1-34, 1996.
- Kraemer, K.L., Dedrick, J. (1995). "From nationalism to pragmatism: IT policy in China," *IEEE Computer*, 28(8), 63-73.
- Dedrick, J., Goodman, S.E., Kraemer, K.L. (1995). "Little engines that could: computing in small, energetic countries," *Communications of the ACM*. 38(5).
- Dedrick, J., Kraemer, K.L. (1995). "National technology policy and computer production in Asia-Pacific countries," *The Information Society*. 11(1), 29-58.
- Kraemer, K.L., Dedrick, J., Jarman, S. (1994). "Supporting the free market: information technology policy in Hong Kong," *The Information Society*, 10(4), 223-246.
- Kraemer, K.L., Dedrick, J. (1994). "Payoffs from investment in information technology: lessons from Asia-Pacific countries," *World Development*, 22(12), 1921-1931.
- Dedrick, J., Kraemer, K.L. (1993). "Caught in the middle: information technology policy in Australia," *The Information Society*, 9(4), 333-363.
- Kraemer, K.L., Dedrick, J. (1993). "Turning loose the invisible hand, information technology policy in New Zealand," *The Information Society*, 9(4), 365-390.
- Kraemer, K.L., Dedrick, J. (1993). "The quest for self-reliance: information technology policy in India," *Asian Survey*, XXXIII(5), 463-492, 1993.

Kraemer, K.L., Gurbaxani, V., Dedrick, J., Raman, K.S., Yap, C.S., King, J.L. (1992). "Government policy and information technology in Asia-Pacific countries: a conceptual overview." *Informatization and the Public Sector*, 2(2), 97-110,

Gurbaxani, V., Kraemer, K.L., King, J.L., Jarman, S., Raman, K., Yap, C.S., Dedrick, J. (1990). "Government as driving force toward the information society: national computer policy in Singapore," *The Information Society*, 7, 155-185.

#### Book chapters (total: 16)

"Market Making in the Personal Computer Industry," in Hamilton, G.G., Petrovic, M., and Senauer, B. (eds.), *The Market Makers: How Retailers are Reshaping the Global Economy*, New York, Oxford University Press. 291-310. 2011 (with K.L. Kraemer).

"Strategic Orientation in the Globalization of Software Firms", in Oshri, I and Kotlarsky, J. (eds.), *Global Sourcing of Information Technology and Business Processes*, Springer. pp. 1-25. 2010 (with K.L. Kraemer, E. Carmel and D. Dunkle).

"Scope and Timing of Deployment: Moderators of Organizational Adoption of the Linux Server Platform," in K. Jakobs, (ed.), *Standardization Research in Information Technology: New Perspectives*, Hershey, PA: Information Science Reference. 122-141. 2008 (with J. West).

"Impact of globalization and offshoring on engineering employment in the personal computer industry," in Committee on the Offshoring of Engineering, National Academy of Engineering (NAE), *The Offshoring of Engineering: Facts, Unknowns, and Potential Implications*. Washington, DC: National Academies Press. 125-136. 2008. (with K.L. Kraemer).

"Personal Computing", in J.T. Macher, and D.C. Mowery (eds.), *Innovation in Global Industries: U.S. Firms Competing in a New World*. Washington, DC: National Academies Press. 2008 (with K.L. Kraemer).

"Information and communications technologies and inter-corporate production networks: global information technology and local guanxi in the Taiwanese personal computer industry," in J.J. Palacios (ed.), *Multinational Corporations and the Emerging Network Economy in Asia and the Pacific*. London: Routledge. 89-113. 2008. (with K.L. Kraemer, W. Foster and Z. Cheng).

"Movement ideology vs. user pragmatism in the organizational adoption of open source software," in M.S. Eliot and K.L. Kraemer (eds.), *Computerization Movements and Technology Diffusion: From Mainframes to Ubiquitous Computing*. ASIST Monograph Series. Medford, NJ: Information Today, Inc. 427-454. 2008 (with J. West).

"Globalization, the Internet and e-business: convergence or divergence in cross-country trends," in E. Brousseau and N. Curien (eds.), *Internet and Digital Economics: Principles, Methods and Applications*, Cambridge University Press. 663-692. 2006. (with K.L. Kraemer).

“Globalization and national diversity: e-commerce diffusion and impacts across nations,” in K.L. Kraemer et al. (eds), *Global E-Commerce: Impacts of National Environment and Policy*, Cambridge University Press. 13-61. 62-107. 2006 (with K.L. Kraemer and N.P. Melville).

“The United States: adaptive integration versus the Silicon Valley model,” in K.L. Kraemer et al. (eds), *Global E-Commerce: Impacts of National Environment and Policy*, Cambridge University Press. 62-107. 2006. (with K.L. Kraemer, J.L. King and K. Lyytinen).

“Global convergence and local divergence in e-commerce: cross-country analyses.” in K.L. Kraemer et al. (eds), *Global E-Commerce: Impacts of National Environment and Policy*, Cambridge University Press. 345-384. 2006. (with K. Zhu, S. Xu, K.L. Kraemer).

“The role of information technology in transforming the personal computer industry,” in W.H. Dutton, B. Kahin, R. O’Callaghan, and A.W. Wyckoff (eds.), *Transforming Enterprise: The Economic and Social Implications of Information Technology*. Cambridge, MA: The MIT Press. 313-333. 2005. (with K.L. Kraemer)

“Information technology and productivity: results and implications of cross-country studies,” in M. Pohjola (ed), *Information Technology and Economic Development*. Cambridge: Oxford University Press. 257-279. 2001 (with K.L. Kraemer)

“National information technology policies for developing countries,” in S. Khan, and D. Gold (eds.) *Information and Communications Technology and Development in the New Millennium*. New York: United Nations Economic and Social Council. 2001 (with K.L. Kraemer)

“Back to the future: Japan’s NII plans,” in B. Kahin and E.J. Wilson (eds.) *National Information Infrastructure Initiatives: Vision and Policy Design*. Cambridge, MA: The MIT Press. 61-111. 1997 (with J. West and K.L. Kraemer)

“IT and economic development: international competitiveness,” in W.H. Dutton (ed.) *Information and Communication Technologies: Visions and Realities*. Oxford: Oxford University Press. 319-334. 1996. (with K.L. Kraemer)

#### Scientific conferences—refereed (total: 25)

“Learning strategies in smart grid adoption: an exploratory study in the U.S. Electric Utility Industry, *iConference 2015 Proceedings*. (with Y. Zheng)

“Policy and regulatory factors influencing smart grid adoption.” *Industry Studies Association Annual Conference*. Portland, OR, May 29, 2014.

“Smart grid adoption by U.S. utilities: policy drivers and barriers.” *Smart Grid and Social Sciences workshop*, Trondheim, Norway, April 10-11, 2014. (with M. Venkatesh and J. Stanton).

“Smart Grid Adoption in a Regulated Industry: Comparative Case Studies of Electric Utilities.” *Industry Studies Association Annual Conference*. Kansas City, MO, May 30, 2013. (with Y. Zheng)



“Wind Energy: Should the U.S. Continue Its Support?” *Industry Studies Association Annual Conference*. Kansas City, MO, May 29, 2013. (with K.L. Kraemer and G. Linden).

“Innovation and Manufacturing: Electronics and Wind Turbines.” *Industry Studies Association Annual Conference*. Kansas City, MO, May 30, 2013. (with K.L. Kraemer)

“The Global Distribution of Jobs in the Wind Energy Industry,” *Industry Studies Association Annual Conference*, May 29-June 1, 2012 (with G. Linden and K.L. Kraemer).

“Smart Grid Adoption: A Strategic Institutional Perspective,” *Industry Studies Association Annual Conference*, May 31-June 3, 2011 (with Y. Zheng).

“Who Captures Value from Innovation in Wind Energy?” *Industry Studies Association Annual Conference*, May 31-June 3, 2011 (with K.L. Kraemer).

“Value Capture in Global Production Networks: Evidence from the Taiwanese Electronics Industry,” *Industry Studies Association Annual Conference*, May 31-June 3, 2011 (with N. Shin and K.L. Kraemer).

“Global Sourcing Choice and Firm Performance,” *5<sup>th</sup> Annual Global Sourcing Workshop*, March 19-23, 2011, Courchevel, France (with K.L. Kraemer).

“One Laptop Per Child (OLPC): A Novel Computerization Movement?” *Hawaiian International Conference on Systems Science (HICSS)-44*, January 4-7, 2011. (with K.L. Kraemer and P. Sharma).

“IT and Productivity in Developed and Developing Countries,” SIG ICT in Global Development 3<sup>rd</sup> Annual Workshop, December 12, 2010, St. Louis, MO. (with E. Shih and K.L. Kraemer).

“The Impacts of the Economic Crisis on Offshore Software Development” *Industry Studies Association Annual Conference*, Chicago, IL, May 5-6, 2010 (with K.L. Kraemer).

“Strategic Orientation in the Globalization of Software Firms,” *4<sup>th</sup> Annual Global Sourcing Workshop*, March 22-25, 2010, Zermatt, Switzerland.(with K.L. Kraemer, E. Carmel, and D. Dunkle).

“Green IT: Issues for the IS Research Community.” *Americas Conference on Information Systems*. August 10, 2009, San Francisco, CA.

“Innovation and Job Creation in a Global Economy: The Case of Apple’s iPod.” *Industry Studies Association Annual Conference*, May 28-29, 2009, Chicago, IL.

“A Dynamic Model of Offshore Software Development,” *3rd Annual Global Sourcing Workshop*, March 22-25, 2009, Keystone, CO. (with E. Carmel and K.L. Kraemer).

“Determinants of the Use of Electronic Procurement in B2B Transactions: An Empirical Study,” *19th Annual Conference of the Production and Operations Management Society*, La Jolla, CA, May 9-12, 2008 (with S. Xu and K. Zhu).

“Who Profits from Innovation in Global Value Chains? A Study of the iPod and Notebook PCs.” *Sloan Industry Studies Annual Conference*, May 2008, Boston, MA. (with G. Linden and K.L. Kraemer).

“Information Technology and the Number of Suppliers in a Supply Chain: Is There a Relationship?” *Hawaiian International Conference on Systems Science (HICSS)-41*, Jan. 7-10, 2008. (with S. Xu and K. Zhu)

“Supplier Base Downsizing? Contingency Effects in Digitized Supply Chain Relationships,” *INFORMS Conference on Information Systems and Technology (CIST)*, Seattle, WA, Nov. 3-4, 2007. (with S. Xu and K. Zhu)

“Enter the Dragon: China and the Global Computer Industry,” *Seminario Globalizacion*, National Autonomous University, Mexico City, March 15-17, 2006.

“Impacts of IT on Organization of Manufacturing Activities: An Empirical Study,” *Workshop on Information Systems and Economics (WISE)*, Irvine, CA, December 2005. (with K.L. Kraemer).

“An Exploratory Study into Open Source Platform Adoption,” *Hawaiian International Conference on Systems Science (HICSS)-37*, Jan. 5-8, 2004. (with J. West).

“Assessing Drivers of E-Business Value: Results of a Cross-Country Study,” *24th International Conference on Information Systems (ICIS)*, Seattle, Washington, December 14-17, 2003. (with K. Zhu and S. Xu). Winner of Best Paper: Conference Theme.

“Proprietary vs. Open Standards in the Network Era: an Examination of the Linux phenomenon,” *34th Annual Hawaii International Conference on System Sciences*, Maui, Hawaii, January 5, 2001. (with J. West)

Invited presentations (total: 24)

“Smart Grid Adoption by U.S. Utilities: Organizational Drivers and Impacts.” Grid of the Future Symposium, Houston, October 22, 2014. (with Y. Zheng).

“Smart grid adoption in a regulated industry; comparative case studies of electric utilities,” Gottingen University, Gottingen, Germany, April 2, 2014.

“Critical Policy Issues for Smart Grid Adoption by Utilities.” Grid of the Future Symposium, Boston, October 21, 2013. (with J. Stanton and M. Venkatesh).

“Factors Influencing Smart Grid Adoption by U.S. Utilities.” Global Intelligent Utility Network Coalition meeting. New York, NY, March 6, 2013.

“Who Profits from Innovation in Global Value Chains? iPhones and Windmills.” US International Trade Commission. Washington, D.C., March 21, 2012.

“Who Profits from Innovation in Global Value Chains? Apple’s iPod, iPhone & iPad.” Panel discussion sponsored by the Washington International Trade Association. *Does America Win in a Global Economy? A Look at Global Value Chains*, March 20, 2012.

“Who Profits from Innovation in Global Value Chains? Apple’s iPod, iPhone & iPad.” Cannon House Office Building, Washington, D.C. March 20, 2012.

“Who Captures Value from Innovation in Wind Energy?” *1000 Islands Energy Research Forum*, November 12-14, 2010.

“Who Profits from Innovation in Global Value Chains?” *U.S.-China Workshop on Advanced Technology Products*. Tsinghua University, Beijing. October 23, 2009. (with K.L. Kraemer)

“Who Profits from Innovation in Global Value Chains? A Study of the iPod and notebook PCs,” The Paul Merage School of Business, Science & Art of Innovation Seminar series, UC Irvine, November 6, 2008.

“Capturing Value in a Global Innovation Network: Comparing the iPod and Notebook PCs.” Ministry of Economic Affairs forum on *International Value Chain and Industry Competition*. Taipei, September 20, 2007. (with K.L. Kraemer)

“China and India in the Global IT Industry.” Conference on *The Dragon and the Elephant: Understanding the Development of Innovation Capacity in China and India*. National Academy of Sciences. Washington, DC, September 24-25, 2007. (with K.L. Kraemer)

“Impacts of Globalization on Engineering Employment in the Personal Computing Industry,” Conference on *The Offshoring of Engineering: Facts, Myths, Unknowns and Implications*, National Academy of Engineering, Washington, D.C. October 24, 2006. (with K.L. Kraemer)

“Globalization of Innovation: The Personal Computing Industry,” *Symposium on Globalization of Innovation*, National Academy of Sciences Washington D.C., April 21, 2006 (with K.L. Kraemer)

“Enter the Dragon: China and the Global Computer Industry,” *The Global IT Industry: The Future of China and India*, San Jose, CA, 2004.

“China’s Emergence as a Computer Industry Power: Implications for the U.S.” Testimony before the U.S.-China Economic and Security Review Commission hearing on *China as an Emerging Regional and Technology Power: Implications for U.S. Economic and Security Interests*. San Diego, February 12, 2004.

“International diffusion of e-commerce: rule of law and access cost,” Globalization of E-Commerce Conference, Irvine, CA, March 22-23, 2003. (with E. Shih and K.L. Kraemer).

“National information technology policies for developing countries,” The United Nations University panel on the theme of ECOSOC 2000, *Development and International Cooperation in the XXI Century: The Role of Information Technology in the Context of a Knowledge-based Economy*. New York, UN Secretariat, May 5, 2000.

“Information Technology in Southeast Asia: Engine of Growth or Digital Divide?” ASEAN Roundtable 2000, *New Development Paradigms in Southeast Asia: The Challenge of Information Technology*, Institute of Southeast Asian Studies, Singapore, October 12-13, 2000. (with K.L. Kraemer)

“Competing in the Network Era: Lessons from Computer Industry Leaders.” Asian Technology Information Program, March 3, 2000, Tokyo.

“The Impacts of NAFTA on the Computer Industry,” *NAFTA: The First Five Years*, Federal Reserve Bank of Dallas, El Paso, TX, November 4, 1999.

“The Personal Computer Industry and East Asian Export Competitiveness: Evolution and Emerging Trends,” *International Experts Seminar On Assessing East Asian Export Performance From 1980-1996*. Asian Development Bank Institute, Tokyo, November 6, 2000 (with K.L. Kraemer)

“Information Technology and Economic Development: Results and Implications of Cross-Country Studies,” *UNU/WIDER Conference on Information Technology and Economic Development*, Helsinki, Finland, June 12-13, 1998.

“Transfer and diffusion of information technology: lessons from the Asia-Pacific Region,” *Trans-Pacific Conference*, UCLA, May 21, 1993 (with K.L. Kraemer)

## **Teaching**

Syracuse University, School of Information Studies

IST 335. Introduction to Information-based Organizations (2 semesters)

IST 755. Strategic Management of Information Resources (10)

IST 775. Information Industry Strategies (1)

IST 776. Research Methods in Information Studies (2)

IST 800. Ph.D. Proseminar on Information Systems (2)

GET 400. Global Consulting Challenges (1)

University of California, Irvine, Paul Merage School of Business

F207. Information Technology for Management

F272. Critical IT Decisions for Business Executives

University of California, San Diego, Graduate School of International Relations/Pacific Studies

IRGN 490. Information Technology and Management

## **Student supervision and committee membership**

Syracuse University, School of Information Studies

Benjamin Addom (Ph.D. committee member, dissertation defended 2010)

Dane Dell (Ph.D. committee member, current candidate)

David James (Ph.D. committee member, current candidate)

Fatima Espinoza (Ph.D. committee member, current candidate)  
Jian Tang (Ph.D. committee member, current student)  
Janet Marsden (Ph.D. co-advisor, dissertation defended 2015)  
You Zheng (Ph.D. advisor, current candidate)  
Jerry Robinson (committee member, current candidate)  
Claudia Louis (Ph.D. advisor, dissertation defended 2015)  
John Stinnett (DPS, committee member, current candidate)  
Queens University, School of Business, Kingston, Ontario  
Jacqueline Corbett (Ph.D., external reader), 2012  
RMIT University, School of Graduate Research, Melbourne, Australia  
Adel Aliraifi (Ph.D., external reader), 2012

### **Curriculum development**

GET 684. Large-Scale IT Projects. 2010.  
GET 400. Global Consulting Challenges. 2014

### **Service**

#### School of Information Studies

2015-2016 Research Committee (chair)  
2014-2015 Grade Dispute Committee (coordinator)  
2013 Ad hoc committee on Doctor of Professional Studies program  
2013 Ad hoc committee on Information, Design and Startup minor  
2013 Systems and Information Science (joint major), advisory committee  
2012-2013 Doctoral Programs Committee  
2011-2013 Curriculum Committee  
2011 Search Committee for new communications director  
2010-2011 Personnel Committee  
2009-2011 Undergraduate Committee  
2009-2014 Faculty Planning and Advisory Group, Masters in Information Management

#### External

Associate Editor. "Sustainability And Social Impacts of IS" track. International Conference on Information Systems, 2015, Fort Worth, TX.  
Publications committee. Industry Studies Association (2011-2012)  
Associate Editor, "Theme Track: Reshaping Society through IS Design," International Conference on Information Systems, 2013, Milan, Italy.  
Chair and organizer, "Smart Grid Technologies" minitrack in Americas Conference on Information Systems, 2012, Seattle, WA.  
Associate Editor, "Innovation Theory, Research and Practice in Information Systems" track in European Conference on Information Systems, 2011, Helsinki, Finland  
Conference committee. Industry Studies Association Annual Conference, 2011, Pittsburgh, PA  
Conference committee. INFORMS Conference on Information Systems and Technology, 2010, Austin TX.  
Conference committee. Industry Studies Association Annual Conference, 2010, Chicago, IL.  
Conference committee. INFORMS Conference on Information Systems and Technology, 2009, San Diego, CA.  
Editorial Review Board. *Journal of the Association for Information Systems*.

Senior Editor. *Economic Commerce Research and Applications*

Reviewer

*Management Science, Information Systems Research, MIS Quarterly, MISQ Executive Information Systems Journal, Research Policy, Journal of Management Information Systems European Journal of Information Systems, The Information Society, Journal of the Association for Information Systems, World Development, Communications of the ACM, Journal of International Business Studies, California Management Review*

Panel member and ad hoc reviewer for National Science Foundation

Other activities

Consulting clients have included IBM Global Services, IBM Asia-Pacific, Intel Corporation, Computer Sciences Corporation, Live365, Industry Canada