Curriculum Vitae

J. Alberto Espinosa, Ph.D.

Associate Professor of Information Technology and UPS Scholar
Kogod School of Business
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Last updated: March 1st, 2010

EDUCATION

Doctor of Philosophy in Information Systems, Carnegie Mellon University, Graduate School of Industrial Administration

Masters of Science in Information Systems, Carnegie Mellon University, Graduate School of Industrial Administration

Masters of Business Administration, Texas Tech University

Bachelor of Science in Mechanical Engineering, Pontificia Universidad Catolica del Peru

Additional doctoral studies in Finance, Texas Tech University

REFERRED JOURNAL ARTICLES

"Follow The Sun: Workflow In Global Software Development: Conceptual Foundations", Carmel, E., Espinosa, J. Alberto, Dubinsky, Y., Journal of Management Information Systems (forthcoming in 2010).

"Crossing Spatial and Temporal Boundaries in Globally Distributed Projects: A Relational Model of Coordination Delay", Cummings, J. M., Espinosa, J. A. and Pickering, C., Information Systems Research (2009), 20(3), p.420-439.

"Familiarity, Complexity and Team Performance in Geographically Distributed Software Development", Espinosa, J. A., S. A. Slaughter, R. E. Kraut and J. D. Herbsleb (2007), Organization Science, 18(4), p.613-630.

"Learning From Experience In Software Development: A Multi-Level Analysis", Boh, W. F., S. A. Slaughter and J. A. Espinosa (2007), Management Science, 58(3), p.1315-1331.

"Team Knowledge and Coordination in Geographically Distributed Software Development", Espinosa, J. A., Slaughter, S. A., Kraut, R. E., & Herbsleb, J. D. (2007), Journal of Management Information Systems, 24(1), p.135-169.

"Ambidexterous Coping Strategies in Globally Distributed Software Development Projects", Lee, G., W. Delone and J. A. Espinosa (2006), Communications of the ACM 49(10): p.35-40.

"Global Boundaries, Task Processes and IS Project Success: A Field Study", Espinosa, J. A., G. Lee and W. DeLone (2006), Information, Technology and People 19(4): p.345-370.

"The Impact of Time Separation on Coordination in Global Software Teams: a Conceptual Foundation", Espinosa, J. A. and E. Carmel (2004), Journal of Software Process: Practice and Improvement 8(4): p.249-266.

"Team Boundary Issues Across Multiple Global Firms", Espinosa, J. A., J. N. Cummings, J. M. Wilson and B. M. Pearce (2003), Journal of Management Information Systems 19(4): p.157-190.

REFEREED CONFERENCE PROCEEDINGS

"Coordination in Enterprise Architecting: An Interview Study", Espinosa, J. A., Armour, F., Boh, W. F., 43rd Hawaii International Conference on System Sciences, Kawai, Hawaii, January 2010.

"Communication and Performance across Time Zones: A Laboratory Experiment", Nan, N., Espinosa, J. A., Carmel, E., International Conference on Information Systems, Phoenix, Arizona, December 2009.

"Process Ambidexterity and Success in Geographically Dispersed Information Systems Development", Lee, G., Espinosa, J. A., DeLone, W. H., Best Paper Proceedings, Academy of Management Conference, Best Paper Proceedings, Chicago, Illinois, August, 2009.

"Coordination and Governance in Geographically Distributed Enterprise Architecting: An Empirical Research Design", Espinosa, J. A., Boh, W. F., 42nd. Hawaii International Conference on System Sciences, Big Island, Hawaii, January, 2009.

"Follow The Sun Software Development: New Perspectives, Conceptual Foundation, and Exploratory Field Study", Carmel, E., Dubinsky, Y., Espinosa, J. A., 42nd. Hawaii International Conference on System Sciences, Big Island, Hawaii, January, 2009.

"Distributed Enterprise Architecture: Towards a Theoretical Framework", Espinosa, J. A. and F. Armour, 41st. Hawaii International Conference on System Sciences, Big Island, Hawaii, IEEE, January 2008.

"Do Gradations of Time Zone Separation Make a Difference in Performance? A First Laboratory Study", Espinosa, J. A., E. Carmel and N. Nan, International Conference on Global Software Engineering, Munich, Germany. IEEE, August 2007.

"Spatial and Temporal Boundaries in Global Teams: Distinguishing Where You Work from When You Work", Cummings, J. N., J. A. Espinosa, and C. Pickering, International Federation for Information Processing (IFIP), Working Group 8.2/9.5. Working Conference on Virtuality and Virtualization. Portland, Oregon, July 2007.

"Ambidexterity and Global IS Project Success: A Theoretical Model, Lee, G.", W. DeLone and J. A., 40th Hawaii International Conference on System Sciences, Big Island, Hawaii, IEEE, January 2007.

"The Effect of Time Separation on Coordination Processes and Outcomes: A Case Study", Espinosa, J. A. and C. Pickering, 39th Hawaii International Conference on System Sciences, Poipu, Kauai, Hawaii, IEEE, January 2006.

"Coordination Mechanisms in Globally Distributed Software Development", Espinosa, J. A., S. A. Slaughter, J. D. Herbsleb and R. E. Kraut, First International Conference on Management of Globally Distributed Work, Bangalore, India, December 2005.

"Bridging Global Boundaries for IS Project Success", DeLone, W., J. A. Espinosa, G. Lee and E. Carmel, 38th Hawaii International Conference on System Sciences, Big Island, Hawaii, IEEE, January 2005.

"The Effect of Time Separation on Coordination Costs in Global Software Teams: A Dyad Model", Espinosa, J. A. and E. Carmel (2004), 37th Hawaii International Conference on System Sciences, Big Island, Hawaii, IEEE, January 2004.

"Modeling Coordination Costs Due to Time Separation in Global Software Teams", Espinosa, J. A. and E. Carmel, Global Software Development Workshop, International Conference on Software Engineering (ICSE), Portland, Oregon, IEEE, May 2003.

"Shared Mental Models, Familiarity, and Coordination: A Multi-Method Study of Distributed Software Teams", Espinosa, J. A., R. E. Kraut, S. A. Slaughter, F. J. Lerch, J. D. Herbsleb and A. Mockus, International Conference in Information Systems, Barcelona, Spain, December 2002.

"Research on Teams with Multiple Boundaries", Espinosa, J. A., J. N. Cummings, B. M. Pearce and J. M. Wilson, Hawaii International Conference on System Sciences, Big Island, Hawaii, IEEE, January 2002.

"Shared Mental Models and Coordination in Large-Scale, Distributed Software Development", Espinosa, J. A., R. E. Kraut, F. J. Lerch, S. A. Slaughter, J. D. Herbsleb and A. Mockus, International Conference in Information Systems, New Orleans, Luisiana, December 2001.

"Shared Mental Models: Accuracy and Visual Representation", Espinosa, J. A., Americas Conference in Information Systems, Boston MA, Asociation for Information Systems, August 2001.

"Coming to the Wrong Decision Quickly: Why Awareness Tools Must be Matched with Appropriate Tasks", Espinosa, J. A., J. Cadiz, L. Rico-Gutierrez, R. E. Kraut, W. Scherlis and G. Lautenbacher, Computer-Human Interaction (CHI), Association of the Computer Machinery's (ACM), The Hague, The Netherlands, ACM Press, March 2000.

REFERRED CONFERENCE ARTICLES WITHOUT PROCEEDINGS

"Enterprise Architecting Process and Coordination: Preliminary Findings from CITGE Study," Espinosa, J. A., Armour, F., with co-author Boh, W. F., CITGE Workshop on Enterprise Architecture, Center for Information Technology and the Global Economy, Kogod School of Business, American University, Washington, DC., December 2009.

"Enterprise Architecting and Coordination: A Research Framework for Large-Scale, Geographically Distributed Technical Collaboration," Espinosa, J. A. with co-authors, Boh, W. F., Armour, F., Academy of Management Conference, Chicago, Illinois, August 2009.

"Coordination Complexity in Geographically Distributed Collaboration", Espinosa, J. A. and R. Verburg, symposium co-chairs and co-organizers, including paper "Virtual Team Boundary Complexity: A Team Coordination Perspective", J. A. Espinosa, G. Lee and W. DeLone, Academy of Management Conference, Philadelphia, Pennsylvania, August 2007

"Your Time Zone or Mine? Geographic Configurations, Global Team Coordination, and Project Outcomes", Espinosa, J. A., J. N. Cummings and C. Pickering, Academy of Management Conference, Atlanta, Georgia, August 2006.

"Coordination in Global Teams: A Framework for Exploration", Espinosa, J. A. and M. A. Clark, Academy of Management Conference, Atlanta, Georgia, August 2006.

"Structuring Team Knowledge: Dimensions, Beliefs, Distribution, & Coordination", Espinosa, J. A. and M. A. Clark, symposium co-chairs and organizers, including symposium paper "Structural Dimensions of Team Knowledge", Clark, M. A. and J. A. Espinosa, Academy of Management Conference, Oahu, Hawaii, August 2005.

"A New Vision of Team Knowledge: Multidimensional Content and Structure", Clark, M. A. and J. Al. Espinosa, Academy of Management Conference, Oahu, Hawaii, August 2005.

"Identifying New Directions in Group Research" with Carnegie Mellon faculty: S. Slaughter, R. Kraut, L. Argote, L. Weingart, S. Kiesler and P. Goodman, panel symposium at the Academy of Management conference, New Orleans, Luisiana, December 2004.

"Individual, Group and Organizational Learning in Software Development: A Learning Curve Analysis", Boh, W. and S. A. Slaughter and J. A. Espinosa, Academy of Management Conference, Seattle , Washington, August 2003.

"The Effect of Task Knowledge Similarity and Distribution on Asynchronous Team Coordination and Performance: Empirical Evidence from Decision Teams", Espinosa, J. A., Carley, K., Kraut, R. E., Slaughter, S. A., Lerch, F. J. and Fussell, S., Second Information Systems Cognitive Research Exchange (IS CoRE) workshop, Barcelona, Spain, December 2002.

BOOK CHAPTERS AND OTHER PUBLICATIONS

"Coordination in Global Teams", M. A. Clark and J. A. Espinosa, in "Handbook of 21st. Century Management," Wankel, C. (Ed.), Sage, 2008, ISBN 978-1-4129-4972-9

"Explicit vs. Implicit Coordination Mechanisms and Task Dependencies: One Size Does Not Fit All.", with Lerch, F. J. and Kraut, R. E. (2004), in E. Salas and S. M. Fiore (Eds.), Team Cognition: Process and Performance at the Inter- and Intra-individual Level, p. 107-129, ch. 6, 2004, peer reviewed and published by the American Psychological Association, Washington, DC, ISBN 1-59147-103-6.

"Shared Mental Models and Coordination in Large-Scale, Distributed Software Development" (May 2002), doctoral dissertation, Carnegie Mellon University, Pittsburgh, Pennsylvania, UMI 3065743, ISBN 0-493-85125-9

OTHER PRESENTATIONS

"Crossing Spatial and Temporal Boundaries in Globally Distributed Projects: A Relational Model of Coordination Delay," with Cummings, J. N., presented at the University of Limerick, Ireland, by invitation of the Information Systems Research special issue editors, March 2008.

"Coordination of Technical Collaborative Work Across Time Zones" presented at the National University of Ireland at Galway, March 2008.

"Collaboration Complexity in Globally Distributed Work", New York University Global Delivery Conference, New York, May 2008.

"They're Asleep While We're Working", presented with Erran Carmel at the Intercultural Management Institute (IMI) Conference, American University, March 2008.

"Team Knowledge in Geographically Dispersed Teams: Dimensions, Representation and Team Boundaries", Multidisciplinary University Research Initiative (MURI), University of Central Florida, Orlando, Florida, October 2008.

"Current Trends in the IT Profession: Business Analysis, Enterprise Architecture and Global Outsourcing", Universidad del Pacifico, Lima, Peru, August 2008.

"They're Asleep While We're Working: Coordinating Teamwork Across Time Zones", workshop conducted for the Northern Virginia Global Special Interest Group, Society of Human Resource Management, Fairfax, Virginia, May 17, 2007.

"They're Asleep While We're Working", with E. Carmel, 8th Annual Intercultural Management Institute's Conference, School of International Service, American University, Washington, District of Columbia, March 15, 2007.

"The Stubborn Problem of Coordination Across Time Zones", with E. Carmel E., New York University-IBM Global Sourcing Workshop, New York, New York, January 26, 2007.

"The Impact of Time Separation on Global Coordination", School of Management, George Mason University, by March 10, 2006.

"The Effect of Time Separation on Coordination Processes and Outcomes: A Case Study", poster session at the First Intel IT Research and Innovation Open House, and follow up paper

presentation at the First Collaboration Workshop of the IT Innovation group at Intel Corporation, Folsom, California, December 6-7, 2005.

"Coordination in Large-Scale Software Development: A Qualitative Field Study", seminar presentation at the School of Information, University of Michigan, Ann Arbor, Michigan, November 28, 2000.

TEACHING

At the Kogod School of Business, American University:

ITEC 630, Systems Requirements and Design for Managers, MBA course, Fall 2009, Spring 2008, Spring 2007, Fall 2006, Spring 2006, Fall 2005 and Spring 2005.

ITEC 657, Systems Analysis for Managers, MBA course, Fall 2003 (1/2 semester module).

ITEC 651, Systems and Database Design, MBA course, Fall 2003 (1/2 semester module).

ITEC 200 (course architect, coordinator and instructor), The Leading Edge of Information Technology, undergraduate business course with substantial hands-on lab component, Spring 2010, Spring 2008, Spring 2007 and Fall 2006.

ITEC 455, Business Requirements Analysis, undergraduate business course, Fall 2010

ITEC 334, Programming in the Web Era, undergraduate business course (developing business applications online using client-side and server-side scripting), Fall 2009, Spring 2008.

ITEC 485, Senior Workshop on Information Systems, undergraduate business course, Spring 2004.

ITEC 352, Introduction to Management Information Systems, undergraduate business course, Spring 2006, Fall 2005 (Honors Program section), Spring 2005, Spring 2004, Fall 2003, Spring 2003 (2 sections) and Fall 2002.

At the Tepper School of Business, Carnegie Mellon University:

45-876 Information and Communication Technologies, MBA course, Summer 2002, Carnegie Mellon University, Graduate School of Industrial Administration, for both regular on-campus students and remote students (Pratt Whitney employees in other US locations) through videoconference technology.

45-870 Management Information Systems, MBA course, Summer 2000 and 2001, Carnegie Mellon University, Graduate School of Industrial Administration, for both regular on-campus students and remote students (Pratt Whitney employees in three other US locations) through videoconference technology.

70-451 Management Information Systems, undergraduate business course, Summer 1999, Carnegie Mellon University, School of Business Administration.

OTHER TEACHING ACTIVITIES

Curriculum development, design and course coordintion for multiple sections of ITEC 200 (undergraduate), The Leading Edge of Information Technology, the only required information technology course, American University, Kogod School of Business.

Curriculum development for ITEC 630, MBA course, Business Analysis (formerly System Requirements and Design for Managers), in which students learn business process modeling, requirements analysis, use case analysis, data modeling, relational database design and project requirements analysis. American University, Kogod School of Business.

Participation in America Online's Partnership in Excellence program in which 2 teams of ITEC 630 MBA students prepared requirements and a database design for America Online local search applications.

Curriculum development for ITEC 334, undergraduate course, Online Application Development (formerly Programming in the Web Era), in which students learn how to plan, design and implement business applications online hosted externally at a web service provider. The course focuses on programming fundamentals, database access, client-side scripting and server-side scripting. American University, Kogod School of Business.

Curriculum development for ITEC 455, undergraduate course, in which students learn business process modeling, requirements analysis, use case analysis, data modeling, and project requirements analysis. American University, Kogod School of Business.

Independent study with: undergraduate student on online business development (Spring 2008); MBA student on conversion of a company's software process to the Unified Process (Spring 2004); undergraduate business student on the use of the Internet by influential managers (Fall 2003).

Committee member for a masters thesis for a computer science student on knowldege portals (Spring 2003).

Supervised honors program projects for students (Fall 2002, Spring 2003, Fall 2003, Spring 2004).

Co-supervised work of a Carnegie Mellon University doctoral student in Information Systems on a research study, presented at the Academy of Management conference, and then published in Management Science.

EXTERNAL SERVICE

America's Conference on Information Systems (AMCIS), Enterprise Architecting and Organizational Success, Mini-Track Co-Chair, Lima, Peru, August 2010.

International Conference on Information Systems (ICIS) track co-chair, Phoenix, Arizona, 2009.

Member of judge panel for INFORMS' Organization Science PhD Dissertation Proposal Competition, October 2008, Washington DC – reviewed and evaluated 8 dissertation proposals and their respective presentations at the annual INFORMS conference.

Program co-chair for the Information Systems Cognitive Research Exchange workshop, SIG IS CoRE 2005, Las Vegas, Nevada, SIG IS CoRE 2004, Washington, D.C. (lead program co-chair), and SIG IS CoRE 2003, Seattle, Washington. IS CoRE is a special interest group of the Association for Information Systems (AIS), a pre-ICIS (International Conference on Information Systems) workshop.

"Social Theory in Information Systems" mini-track co-chair for the America 's Conference in Information Systems, AMCIS 2004, New York, New York; AMCIS 2003, Tampa, Florida; and AMCIS 2002, Dallas, Texas. Responsibilities included organizing mini-track, calling for papers, managing the review process, reviewing papers, accepting/rejecting papers, and coordinating and conducting conference sessions.

Referee for MIS Quarterly, Information Systems Research, Management Science, Organization Science, the Journal of Management Information Systems, the Journal of the Association for Information Systems, IEEE Transactions on Software Engineering, Communications of the ACM, Small Group Research and other scholarly journals and leading conferences.

Discussant at the Academy of Management conference, Oahu, Hawaii, 2005, on 4-paper session on Knowledge Networks.

INTERNAL SERVICE

Academic Technology Committee, university committee to make recommendations for academic technology. (November 2009 to date.

Enterprise Systems Advisory Committee, university committee to provide advise and guidance to the Enterprise Systems group at American University's Offic of Information Technology on the enterprise project portfolio and initiatives. September 2009 to date.

Faculty Senate Committee on Information Services, university committee to represent faculty on information technology and issues and provide advise and information to American University's Faculty Senate, August 2009 to date.

Faculty Activity Reporting System, university committee to evaluate, select and implement an electronic faculty activity reporting system to replace the older manual process. Spring 2008 to date.

Frederick Douglass Distinguished Scholarship, university commite to develop the most distinguished scholarship program at American University for minorities and under represented students. April 2009 to November 2009. Designed and implemented the program guidelines and successfully recruited the program's director.

Journal List Committee, February 2009 to April 2010, developed scholarly journal list for tenure, promotion and other evaluation purposes.

Coordinator of the Information Systems and Technology (IST) undergraduate concentration (Fall 2007 to present).

Advisor for the Hispanic MBA club (Spring 2008 to present) and the Business, Technology and Consulting undergraduate club (Fall 2008 to present)

Member of the Educational Policy Committee (EPC) for the 2005-06 academic year.

Member of the Learning Assessments committee, 2006-07 to develop learning objectives and metrics to perform assessments for the school, as required by the AACSB.

Dean's committee for Kogod's new building classroom design and use of technology and new Kogod Lab design.

Dean's discussion group for on-line (hybrid) programs at Kogod.

Recruitment committee for Kogod School of Business position for Associate Professor of Finance, Fall of 2005 and Assistant Professor of International Business, Spring 2008.

Kogod's Educational Policy Committee, Fall 2005-Spring 2006.

Faculty committee on Kogod's new building classroom design.

Faculty Senate Committee on the University's information technology (Spring 2004, Fall 2007, Spring and Fall 2008).

Organized and coordinated the Information Technology Department's Research Seminar (From Fall 2002 to date), including the design and maintenance of the seminar's web site. The seminar has included multiple external and internal presentations.

Recruitment committee for Kogod School of Business position for Assistant Professor of Information Technology, Fall of 2003.

HONORS AND OTHER EXPERIENCES

Best Paper Proceedings for "Process Ambidexterity and Success in Geographically Dispersed Information Systems Development", Lee, G., Espinosa, J. A., DeLone, W. H., Academy of Management Conference, Best Paper Proceedings, Chicago, Illinois, August, 2009.

Best paper nomination for "Familiarity, Complexity and Team Performance in Geographically Distributed Software Development" (Org Science 2007), by the Organizational Communication and Information Systems (OCIS) division of the Academy of Management at the 2008 conference for the Best Published Paper Award. The paper was one of 4 papers nominated from 85 submissions made by OCIS members from all published papers by OCIS members in all scholarly journals in 2007.

Kogod Achievement Award for Outstanding Research for research activities in 2003, 2006 and 2007.

Kogod Endowed Fellow and UPS Scholar, Kogod School of Business, American University (2002 to present).

Best Student Teacher award, Carnegie Mellon University, Department of Business administration, undergraduate program, 2001

Doctoral Consortium, International Conference in Information Systems (ICIS), New Orleans, 2001

Doctoral Consortium, Academy of Management Conference, TIM/OCIS, Washington D.C., 2001

William Larimer Mellon Fellowship, 1997 to 2000

Carnegie Bosch Institute Award, for research in international management 2000-2001

Lucent Technologies research internship, summer 2000

KPMG Ph.D. Scholarship Award, 2000 and 2001

WORK EXPERIENCE

1987-1997, Director of MIS, Director of Quality Assurance, and Chief Financial Officer, TechnoServe, Inc., Norwalk, CT

1989-1996, Independent IS consulting work, Norwalk, CT

1984-1987, Financial and Systems Analyst, Partnership for Productivity, International, Washington, D.C.

1977-1981, Miscellaneous project, design and mechanical engineering positions in Peru