Seokjoo Andrew Chang

Associate Professor
School of Business
State University of New York at Albany
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EDUCATION

UNIVERSITY OF CONNECTICUT, Storrs, CT   2006
Ph.D. Operations and Information Management

STANFORD UNIVERSITY, Stanford, CA   1998
M.S. Engineering Economic Systems and Operations Research

POLYTECHNIC UNIVERSITY, Brooklyn, NY   1997
M.S. Electrical Engineering

EMPLOYMENT HISTORY

ASSOCIATE PROFESSOR   2013 - Present
State University of New York at Albany

ASSISTANT PROFESSOR   2006 - 2013
State University of New York at Albany

RESEARCH INTEREST

Forensic investigation of data semantics, Information Systems, Data Mining, Operations Research

TEACHING INTEREST

Digital Forensics, Statistical Methods for Forensic Accounting and Information Assurance, Information Systems, Databases

COURSES TAUGHT

- BACC 553 (Spring 2011 & 2012): Digital Forensics
- BACC 680 (Spring, 2008, 2009, 2010, 2011, 2012 & 2013): Research Seminar
- BACC 522 (Fall 2009, 2010, 2011, 2012 & 2013): Statistical Method for Forensic Accounting & Information Assurance
- BACC 581 (Spring, 2008, 2009 & 2010): Internal Controls & Information Systems
- BACC 681 (Fall, 2007 & 2008): Accounting Information Systems
- BACC 682 (Fall, 2007, 2008 & 2009): Analysis & Design of Databases

SCHOLARSHIP

Articles Published in Peer Refereed Journals

- Time Dynamics of Overlapping e-Auction Mechanisms: Information Transfer, Strategic User Behavior and Auction Revenue. 2012 Information Systems Frontiers (**ISF**) 14(2) 331-342. Solo-Authored.

- Overlapping Online Auctions: Empirical Characterization of Bidder Strategies and Auction Prices. 2009 Management Information Systems Quarterly (**MISQ**) 44(3) 763-783, with R. Bapna, P. Goes and A. Gupta.

- An Analytical Approach to Bundling in the Presence of Customer Transition Effects. 2009 Decision Support Systems (**DSS**) 48(11) 122-132, with G. Tayi.

- Networked Online Auctions: Agent Behavior and Strategic Gain. 2011 International Journal of Information Processing and Management (**IJIPM**) 2(2) 59-68.

- Internal Controls and Risk Management: Dynamic Systems Approach for Asymptotic Pattern Analysis. 2011 Journal of Communications and Information Sciences (**JCIS**) 1(2) 13-21.

- Internal Control Computerization for Derivatives. International Journal of Digital Accounting Research (**IJDAR**), with G. Fernano, M. Hussein, and K. Tam 2012.

- Forensic Data Pattern Analysis using Information Entropy. International Journal on Data Mining and Intelligent Information Technology Applications (**IJMIA**) 2012.

Under Review

- Optimal design of Multiple Overlapping Electronic Auctions Market. Information Systems Research (**ISR**) with R. Bapna, P. Goes and A. Gupta.

- Multiple Overlapping Online Auction Market: Quantification of Information Transfer. Information and Management (**IM**), solo authored.

Working Papers

- Using the Identification of Agent Signatures for Revenue Management and the Detection of Fraud Indicators in Online Auctions. with I. Fisher. targeting Journal of Emerging Technologies in Accounting (**JETA**)

- An Instructional Module of Computerized Internal Controls: Relational Database Systems Approach. with G. Fernano, M. Hussein, and K. Tam. targeting the Issues in Accounting Education

- Structural estimation of dynamic programming model for Multiple Overlapping Online Auction Market. with R. Bapna, P. Goes and A. Gupta. targeting Management Science (**MS**)

Published Proceedings from Scholarly Meetings

- Agent Behavior, Embedded Strategies and Resulting Welfare in Networked e-Auctions. 6th International Conference on Digital Content, Multimedia Technology and its Applications (**IDC**) 2010, Solo-Authored

- Time Dynamics of User Behavior in a Series of Overlapping Electronic Mechanisms. The 43rd Hawaii International Conference on System Sciences (**HICSS**) 2010, Solo-Authored.

Papers Presented at Academic or Professional Meetings

- Using the Identification of Agent Signatures for Revenue Management and the Detection of Fraud Indicators in Online Auctions. 2012 American Accounting Association (**AAA**) Annual meeting, with I. Fisher.

- Optimal Design of Multiple Overlapping Online Auction Market. 2010 Institute for Operations Research and Management Sciences (**INFORMS**) Annual Meeting, with R. Bapna, P. Goes and A. Gupta.

- Heterogeneous User Behavior in Multiple Overlapping Online Auctions. Fifth Symposium on Statistical Challenges in Electronic Commerce Research (**SCECR**) 2009, with G. Tayi.

- Analysis of Online Overlapping Auctions: A Managerial Perspective. The 2009 Winter Conference on Business Intelligence 2009, with G. Tayi.

- Optimal Bundling Strategy: Product Lifetime Value Consideration for Pricing & Production Planning. The Fifteenth Annual Workshop on Information Technologies and Systems (**WITS**) 2005, Solo-Authored.

- Generalized Overlapping Online Auctions: An Empirical Examination of Revenue Equivalence, Bidder Behavior and Market Forces. The Workshop on Information Systems and Economics (**WISE**) 2005, with R. Bapna, P. Goes and A. Gupta.

ACTIVITIES THAT MAINTAIN ACADEMIC OR PROFESSIONAL QUALIFICATIONS

- Journal reviewer for Information Systems Research (ISR), Information Systems Frontiers (ISF), Decision Support Systems (DSS), Journal of Management Information Systems (JMIS), International Journal of Electronic Commerce (IJEC)

- Member of American Accounting Association (AAA), Association for Information Systems (AIS), Association of Certified Fraud Examiners (ACFE), Accounting Information Systems Educator Association (AISEA)

SCHOOL AND UNIVERSITY AWARDS

- 2012 Outstanding Graduate Teaching Award, School of Business

SCHOOL AND UNIVERSITY SERVICE

- Chair, School of Business Research Committee 2011-Present

- Member of UAlbany, School of Business, Teaching/Learning & Computing (TLC) Committee 2009-2011