

Manish Agrawal

Education	<p>SUNY Buffalo Ph.D. in Information Systems (2002) “eCommerce sourcing: Drivers, business value and intermediation”</p> <p>Indian Institute of Technology, Kanpur, India (1986–1992) Master of Technology, Electrical Engineering Bachelor of Technology, Electrical Engineering</p> <p>Kendriya Vidyalaya, Pattom, Trivandrum, India (1986) (Ranked #1 Government High School in India, 2015)</p>
Professional positions	<p>August 2016 – Present: <i>Professor</i>, Department of Information Systems and Decision Sciences, College of Business Administration, University of South Florida</p> <p>August 2008 – 2016: <i>Associate Professor</i>, Department of Information Systems and Decision Sciences, College of Business Administration, University of South Florida</p> <p>August 2002 – 2008: <i>Assistant Professor</i>, Department of Information Systems and Decision Sciences, College of Business Administration, University of South Florida</p> <p>August 2001 – July 2002: <i>Instructor</i>, Department of Information Systems and Decision Sciences, College of Business Administration, University of South Florida</p> <p>October 1992 – June 1997: <i>Indian Police Service</i>, Ministry of Home Affairs, Government of India</p>
Research specialization	<p>Extreme event response, social media analytics, information assurance, software quality, agent-based systems</p>
Teaching interests	<p>Data communications, web applications, information security, case methods</p>
Grants	<p>2016 – 2017: Co-PI on NSF grant #IIS1651475, \$199,999, “<i>EAGER: An Investigation of the Propagation of Error-Resistant and Error-prone Messages over Large-Scale Information Networks</i>,” with H.R. Rao, Varun Chandola and Rohit Valecha</p> <p>2014 – 2016: Co-PI on NSF grant #1043919, \$299,468, “<i>Developing Open Authentic Case Studies for a MS in Cybersecurity Capstone Course</i>,” with Grandon Gill, Randy Borum and Robert Gardner</p> <p>2013 – 2014: PI on NSF grant CMMI-1353195, \$15,684, “<i>RAPID/Collaborative Research: Emergency Response Authorities' Microblogging and Community Needs: An Analysis of the Boston Bombings</i>”</p> <p>2012: \$940, NSF SaTC Travel grant for PI workshop in Washington D.C., Nov 27-29</p> <p>2012: \$2,100, Amazon Web services teaching grant for use in ISM 6225</p> <p>2011 – 2012: Co-PI on NSF grant #1043919, \$171,718, “<i>Incorporating Complex Open Authentic Case Studies into a Capstone Course</i>,” 2011-2013, with Grandon Gill, Al Hevner and K. Chari</p>

2009 – 2010: NSF, IIS-0926376: SGER:RAPID, \$19,894+ \$8,000 REU Supplement (July 2010): "*COLLABORATIVE - RAPID: Information processing under stress: A study of Mumbai police control room first responders during terrorist attacks of 11/26/08*

Summer 2009: COBA internal research grant, *Effect of Requirements quality and volatility on Software Development Project Outcomes*

November 2008: *Trans-national (US-India) collaborative working group on Cyber security, Cyber-crime and cyber-forensics*, Indo-US Science and Technology Task Force, travel and local support for approx. 20 workshop participants from the US and India. Estimated value: \$ 30,000

March 2007: Sun Microsystems Academic Excellence Grant for hardware, retail value \$17,215

Summer 2005: USF internal grant for innovation in teaching (\$4,000)

Summer 2003: USF Internal new faculty research grant on offshore outsourcing, \$10,000

Summer 2002: Travel support from NSF grant # 9907325

Summer 1999: Department of Justice grant to study mobile computing in the Buffalo Police Dept. (\$1,000)

Journal papers

"*Impact of incorrect and new requirements on waterfall software project outcomes,*" Kaushal Chari and Manish Agrawal, *Empirical Software Engineering*, (accepted, Jan 2017)

"*Effects of Project Owner's Title on the Financial Impacts of IT Systems Integration Outsourcing Projects,*" Shankar Prawesh, Manish Agrawal and Kaushal Chari, *Information Systems Management*, 33(3) 2016, pg. 199-211 (published online 05/12/16)

"*A process model for information retrieval context learning and knowledge discovery,*" H Hyman, T Sincich, R Will, M Agrawal, B Padmanabhan, W Fridy Iii, *Artificial Intelligence and Law* 23 (2), 2015, 103-132

"*Information processing under stress: a study of Mumbai first responders,*" Rajarshi Chakraborty, Manish Agrawal and H. Raghav Rao, *Indian Institute of Management, Bangalore, Management Review*, 26(2), June 2014, pp 91-104

"*Message Diffusion through Social Network Service: The Case of Rumor and Non Rumor Related Tweets during Boston Bombing 2013,*" Jake Lee, Manish Agrawal, and H. R. Rao, *Information Systems Frontiers*, 17(5), Oct. 2015, pp. 997-1005

"*Competition in mediation services: modeling the role of expertise, satisfaction and switching costs,*" Manish Agrawal, Govind Hariharan, H. R. Rao and R. Kishore, *Journal of Organizational Computing and Electronic Commerce*, 23(3), July 2013, pp 169-199

"*Community Intelligence and Social Media Services: A Rumor Theoretic Analysis of Tweets During Social Crises,*" Onook Oh, M. Agrawal, and H. R. Rao, *MIS Quarterly*, 37(2), 2013, pp 407-426

“Audience Gatekeeping in the Twitter Service: An Investigation of Tweets about the 2009 Gaza Conflict,” Kwon, K. H., O. Oh, M. Agrawal, and H. R. Rao (2012), *AIS Transactions on Human-Computer Interaction* (4) 4, pp.212-229

“Information Control and Terrorism: Tracking the Mumbai Terrorist Attack through Twitter,” Oh, O., Agrawal, M., and Rao, H. R., *Information Systems Frontiers*, Special issues on Terrorism Informatics, 2011, Volume 13, Number 1, Pages 33-43

“Information market based decision fusion”, Johan Perols, Kaushal Chari and Manish Agrawal, *Management Science*, 55(5), pg 827-842, May 2009

“Negotiation behaviors in agent-based negotiation support systems”, Manish Agrawal and Kaushal Chari, *International Journal of Intelligent Information Technologies*, 5(1), pg 1-23, Jan-Mar 2009

“A Framework for Security Analysis of Internet Technology Components Enabling Globally Distributed Workplaces”, Manish Gupta, Shamik Banerjee, Manish Agrawal and H.R. Rao, *ACM Transactions on Internet Technology*, 8(4), pg. 17:2-17:38, Sep 2008

“Software Effort, Quality and Cycle-Time: A Study of CMM 5 Projects”, Manish Agrawal and Kaushal Chari, *IEEE Transactions on Software Engineering*, 33(3), pg 145 – 156, March 2007 (top 100 downloads, IEEE digital library Feb, Apr 2007)

“Multi-issue automated negotiations using agents”, Kaushal Chari and Manish Agrawal, *INFORMS Journal on Computing*, 19 (4), pg. 588-595, Fall 2007

“Market reactions to e-business outsourcing announcements: An event study”, Manish Agrawal, Rajiv Kishore and H.R. Rao, *Information and Management*, 43(7), pg 861-873, October 2006 (October- Dec 2006, ranked 22 in Science Direct listing of hottest 25 articles in the area of computer science, all journals (Aug 2007))

“Issues in IT-Offshore Outsourcing Coordination”, S. Banerjee, Manish Agrawal and H. R. Rao, *Journal of Marketing and Communication*, 1(3), pg. 59-68, Jan. 2006

“Matching Intermediaries for information goods in the presence of Direct Search: An examination of switching costs and obsolescence of information”, Manish Agrawal, G. Hariharan, Rajiv Kishore and H.R. Rao, *Decision Support Systems*, 41(1), pg. 20-36, Nov. 2005

“Ecommerce systems sourcing: An empirical examination of key determinants”, Rajiv Kishore, Manish Agrawal and H.R. Rao, *Journal of Management Information Systems*, 21(3), pg. 47-82, Winter 2004-2005, Winter 2004-2005

“A behavioral model of digital music piracy”, R.D. Gopal, G.L. Sanders, S. Bhattacharjee, Manish Agrawal and S.C. Wagner, *Journal of organizational computing and electronic commerce*, Vol. 14, No. 2, pg 89-105, 2004

“A Comparison of B2B E-Service Solutions”, Dan Jong Kim, Manish Agrawal, Bharat Jayaraman and H. Raghav Rao, *Communications of the ACM*, Dec. 2003, pg 317 - 324

“Demystifying wireless technologies: Navigating through the technology maze”, Manish Agrawal, K. Chari and Ravi Sankar, *Communications of the AIS*, Vol 12, article 12, Sep. 2003, pg 166-182

“Impact of Mobile computing terminals in law enforcement”, Manish Agrawal, H.R. Rao and G.L. Sanders, Journal of organizational computing and electronic commerce, Vol. 13, No. 2, Feb. 2003, pg. 73-89

“A Testbed for Modeling the Interactions of Application Service Providers (ASPs) with Clients through e-Marketplaces”, Manish Agrawal, H.R. Rao, R. Kishore and S. Upadhyaya, Vision, 5(1) Jan-June 2001.

Conference papers

“Sentiment Analysis of Twitter users over Time: The Case of the Boston Bombing Tragedy,” Jae Ung lee, Basma Abdul Rehman, Manish Agrawal and H. R. Rao, WeB 2015, Dallas, TX

“Exploring multiplexity in Twitter – the 2013 Boston marathon bombing case,” Srikanth Venkatesan, M. Agrawal and H. R. Rao, ICIS 2014, Auckland, NZ

“An exploration of rumor paths,” Onook Oh, Priya Gupta, Manish Agrawal and H. R. Rao, Pre-ICIS MISQ workshop, Milan Italy, 2013

“An Approach for Big-Data Social Media Data Collection - A Prototype Using Boston Marathon Bombing,” Rajarshi Chakravarty, Basma AbdulRehman, Manish Agrawal and H.R. Rao, WITS 2013 prototype session, Milan, Italy

“Adaptive Behavior and Information Processing in Law Enforcement during extreme events– a study of the Mumbai Terrorist Response”, Rajarshi Chakravarty, Manish Agrawal and H. R. Rao, Dewald Roode Workshop on Information Systems Security Research, IFIP WG8.11/WG11.13, Blacksburg, VA Sep 23-23, 2011

“Choice of Information: A Study of Twitter News Sharing during the 2009 Israel-Gaza Conflict,” Hazel Lee, Oh Onook, Manish Agrawal and H.R. Rao, ICIS 2011, Shanghai, China

“Using social media to study social phenomena: An example using Twitter data,” Whitelaw, Clayton, Agrawal M., Oh, Onook and Rao H.R., USF Undergraduate Research Symposium, Tampa, FL, April 15, 2011

“Using social media to study social phenomena: An example using Twitter data,” Whitelaw, Clayton, Agrawal M., Oh, Onook and Rao H.R., Wireless Technology Symposium, New York City, April 13-15, 2011

“Analysis of Tweets and Rumors during the Mumbai Terrorist Attack of November 2008,” Oh, O., Agrawal, M., and Rao, H. R., Proceedings of Centre of Excellence for National Security (CENS), Singapore, Feb. 22nd, 2010.

“Information Control and Terrorism: Tracking the Mumbai Terrorist Attack through Twitter,” Oh, Onook, Agrawal, M., and Rao, H. Raghav, Proceedings of the Pre-ICIS SIM Academic Workshop, 2009, Phoenix, AZ, Dec. 14th, 2009 (Sponsored by SIM and MISQE)

“Emergency response of Mumbai terror attacks: An activity theory analysis”, Divya Shankar, Manish Agrawal and H.R. Rao, ICSCF 09, Kochi, India

“Assessing and managing information security risk: An experimental investigation and analytical model”, Kaushal Chari, Manish Agrawal and Varol Kayhan, SKM 2008, Dallas TX.

“*An Integrated Model of Information Security & Risk Management*”, Kaushal Chari, Manish Agrawal and Varol Kayhan, CIST 2008, Washington D.C.

“*Information Market Based Decision Fusion*”, Johan Perols, Kaushal Chari and Manish Agrawal, Utah Winter Conference, Feb. 2007

“*Information Market Based Decision Fusion*”, Johan Perols, Kaushal Chari and Manish Agrawal, ICIS 2006, Milwaukee, WI, Dec. 2006

“*Information Fusion and Information Markets in Multi-Agent Systems*”, Johan Perols and Manish Agrawal, WITS 2005, Las Vegas, Dec. 2005

“*Impact of Learning Negotiation Support Systems on Overcoming Cognitive Limitations in Negotiations*”, Manish Agrawal and Kaushal Chari, WEB 2005, Las Vegas, Dec. 2005

“*Software Effort, Quality and Cycle-time: A Study*”, Manish Agrawal and Kaushal Chari, INFORMS CIST 2005, New Orleans, Oct. 2005

“*Business Process Integration using Web Services*”, Kaushal Chari, Manish Agrawal and Saru Seshadri, Web 2004, Washington D.C., Dec. 2004

“*A Conceptual Approach to Information Security in Financial Account Aggregation*”, Hemant Padmanabhan, Lokesh Pandey, Manish Agrawal, H.R. Rao, and Shambhu Upadhyaya, Sixth International Conference on Electronic Commerce, Delft, The Netherlands, Oct. 2004

“*Design and Evaluation of Software Agents for Online Negotiations*”, K. Chari and Manish Agrawal, ICEIS-2004, Porto, Portugal

“*Not just products: An examination of the evolution of IT offshore outsourcing*”, Manish Agrawal, H.R. Rao and V. Sridhar, Informs 2003, Atlanta, GA

“*A Framework for the Comparison of Business-to-Business E-Service Solutions*”, Manish Agrawal, H.R. Rao, B. Jayaraman and Dan Kim, CIST 2001, Miami, FL

“*The role of Intermediaries in Information Services Outsourcing: A testbed for simulation*”, Manish Agrawal, R. Kishore and H.R. Rao, AMCIS 2001, Boston, MA

“*A comparative analysis of e-commerce governance mechanisms*”, Manish Agrawal, H.R. Rao and R. Kishore, AMCIS 2000, Long Beach, CA

“*Mobile computing terminals in law enforcement: An exploratory investigation of the Buffalo Police department*”, Manish Agrawal, H.R. Rao and G.L. Sanders, PICMET 1999, Portland, OR

Teaching cases

“*Cybersecurity insurance at USF*”, 2016

“*Vology*,” 4/2/2013

“*Infinity Computer Solutions: Ramping up*,” with Grandon Gill, Release 0, 01/19/2012

“*Nation Technologies*,” release 0, 01/24/2012

Working papers

“*ICT-based rumors and resulting actions*,” with Onook Oh, Priya Gupta and H. R. Rao, under 2nd round review at MISQ

“Controls utility,” with He Zhang and Kaushal Chari, submitted to ACM TMIS

“Impact of Requirements on Software Project Outcomes,” with Kaushal Chari, under 2nd roun review at ESE

“Software defects - origins and impacts,” with Kaushal Chari, submitted to JSEP

“Integrating Crisis Semantics and Microblog Structure for Crisis News Extraction: The A Case Study of Boston Bombing in Twitterverse,” Rohit Valecha, Mimanshu Sisodia, Varun Chandola, Manish Agrawal and H. R. Rao, under review at ISR

Books

“Information security,” with Alex Campoe and Eric Pierce, John Wiley, 2014

“Business Data Communications,” Jan 2011, Wiley, ISBN: 0470483369, 384 pg

Other research

“A comparison of cyber-crime definitions in India and the United States,” Himanshu Maheshwari, H.S. Hyman, and Manish Agrawal, in Raghu Santanam, M. Sethumadhavan, M. Virendra Eds. “Cyber Security, Cyber Crime and Cyber Forensics: Applications and Perspectives, IGI Global 2011.

“Emergency response of Mumbai terror attacks: An Activity Theory analysis,” Divya Shankar, Manish Agrawal and H.R. Rao, in Raghu Santanam, M. Sethumadhavan, M. Virendra Eds. “Cyber Security, Cyber Crime and Cyber Forensics: Applications and Perspectives, IGI Global 2011.

“Security Analysis of Internet Technology Components for Globally Distributed Workplaces,” Gupta, M., S. Banerjee, M. Agrawal, and H.R. Rao. Infosecurity, 2007(May): p. 38-40.

“Business Process Offshoring to India: An Overview”, Guru Sahajpal, Manish Agrawal, Rajiv Kishore and H.R. Rao, in Outsourcing, A. Heinzl, J. Dibbern, and R. Hirschheim Eds.

“The Logistics of Going Offshore: A checklist for successfully avoiding the pitfalls of working with a far away development team”, Shamik Banerjee, Manish Agrawal and H.R. Rao, Financial Services outsourcing, Vol 1, 2003

“Electronic Commerce infrastructure”, Chun-Jen Kuo, Kichan Nam, Manish Agrawal and H.R. Rao, Encyclopedia of Electronic Commerce 2000,

“Internet browsers”, Manish Agrawal, H.R. Rao and A.F. Salam, Encyclopedia of Electrical Engineering 1999, Wiley publications (updated, 2007)

“Knowledge Management”, R. Ramesh and Manish Agrawal, Encyclopedia of Industrial engineering 1999

Awards

Dec 2009: INFORMS Design Science award

Sep. 2006: Best undergraduate teaching, College of Business Administration, University of South Florida (one of 2 annual college-wide recipients)

Aug. 2001: Best paper award at AMCIS 2001

May 2001: Best student award for scholastic excellence and outstanding extracurricular service by a PhD student, SOM Buffalo

May 2000: Berner award for teaching excellence by a graduate student in the Business school at UB by the Dean of the School of Management

Oct 1999: Best student in the MIS department award at SUNY Buffalo
1997-2001: James Alutto Fellowship, SUNY Buffalo
1984 – 1990: National Talent Scholarship, NCERT, Government of India
1984: Ranked #22 in Central Board of Secondary Education,

Editorship

AE for MISQ, 2014 - 2017
AE for ICIS 2013 Information security track
AE for MISQ special issue on information security, June 2008
AE for ICIS 2005, “*Web-based Information Systems and Applications*” track
2004 – 2006: Communications Chair and web editor, Informs Information Systems Society. Relocated website to Informs servers and restructured website for easy maintenance. Initiated bi-annual society newsletters.
Dec. 2001: Associate Editor of “*Business Modeling: Multidisciplinary approaches- Economics, Operational and Information Systems Perspectives*”, book published by Kluwer Academic Publishers in honor of Prof. Andrew Whinston.

Teaching

Summer 2007 - current: Graduate and undergraduate courses on “*Information Security and Risk Management*”
Spring 2007 - current: Graduate course on “*Web applications development*”
Fall 2006: Graduate and Undergraduate courses on “*Electronic Commerce*”
Fall 2001 – Current: Graduate and Undergraduate courses on “*Business data communications,*” USF
Spring 2000: Graduate course on “*Client-server systems*” to MBA students at SUNY Buffalo
Fall 1998, 1999: Undergraduate course on “*Data networks*” to MIS seniors at SUNY Buffalo
Summer 1999, 2000: Introductory course on “*Management Information Systems*” to juniors at SUNY Buffalo

Committees

2015: Doctoral committee of Ravi Panchumarthy, CSE, Sudeep Sarkar chair. Initial placement - Intel
2013: Doctoral committee of Prawesh Shankar, College of Business, Initial placement – Indian Institute of Technology, Kanpur, India and Center for Complexity, University of Maryland
2012: Doctoral committee chair of Harvey Hyman, College of Business, Initial placement – U.S. Coast Guard
2011: Doctoral committee of Anita Kumari, Department of Electrical Engineering, College of Engineering, chair Sanjukta Bhanja
2009: Doctoral committee of Dale Nagy, Department of Information Systems and Decision Sciences, College of Business Administration

2008: Doctoral committee of Johan Perols, Department of Information Systems and Decision Sciences, College of Business Administration – initial placement – University of San Diego

2007: Doctoral committee of Shiraj Khan, Dept. of Civil Engg., USF. Chairs Sunil Saigal and Auroop Ganguly

2006: Doctoral committee of Thara Rejimon, Dept. of Electrical Engg., USF. Chair Sanjukta Bhanja

Honors thesis

Neeraj Singh,
Silpa Benny, 2014, Bollywood dance

Others

2015: Co-producer: “*Riding on a Sunbeam*,” documentary movie

Service

Aug. 2016 – present: Department chair, ISDS, Muma College of Business, USF

2017: Conference co-chair, IFIP Dewald Roode workshop, Tampa, FL

2016: Program co-chair, IFIP Dewald Roode workshop, Albuquerque, NM

2016: AE, Security and privacy track, ICIS 2016, Dublin

2016: Member program committee, WITS 2016

2015: Member program committee, CIST 2015, WITS 2015 (Dallas, TX)

2015: AE, ICIS track on “Security and privacy of information and IS”

2015: International Conference on Information and Communication Technology and Digital Convergence Business (ICIDB-2015), Seoul, Korea, Nov. 24-25, 2015

2014 – Current: Associate Chair, ISDS Department, USF

2014: Panelist (Cybercrime: What Higher Education Financial Leaders Should Know, and How They Should Prepare), EACUBO (Eastern Association of College and University Business Officers) annual meeting, Orlando Florida

2014 - 2015: Co-chair, FC² faculty search committee for ISDS positions

2014 - 2015: Co-chair, ISDS faculty search committee

2014: USF Accounting department faculty search committee

2014 – 2015: USF faculty and staff campaign, ISDS representative

2014 – present: Student liaison, Florida Center for Cybersecurity, USF

2014: NSA CAE certification point of contact for Florida Center for Cybersecurity (awarded 10/03/2014)

2013 – 2014: USF Gen-ed Global context QEP working group

2013 – Current: NSA-CAE co-ordinator, USF cybersecurity program

2013: Program Committee, WITS, Milan, Italy

2013: Academic Director, MS MIS programs, ISDS Department, USF COB

2012: Program committee for WITS

2012: ASEE NDSEG Panel, Feb 2012

2012: Chair, Ben Yu Grievance committee, Entrepreneurship

2012: Faculty Executive Committee, USF College of Business (vice-chair 2012 – 2013)

2011: Program Committee, INFORMS CIST, WITS, WeB

2011 – 2014: USF General Education Council; USF Research Council

2011: ASEE NDSEG Panel, Washington D.C.; ASEE SMART Panel, Washington D.C.

2010 – 2011: Faculty Senate CTIR committee

2010 – 2012: Technology Fee Advisory Committee of Assoc. V. P. Strategic Planning, finalized disbursements approx.. \$3.6mn/ year. Promoted fiscal responsibility through PI cost-sharing, and investments in academic units

2010 – 2011: Advisory Board, Large, Complex Grant Proposal Initiative, USF Office of Research and Innovation

2010: Proposal Development Task Force, USF Office of Research and Innovation

2010: Student Success Initiative Committee, USF Tampa

2010: Textbook Affordability Committee, USF

2010-2013: Faculty Advisory Committee, Center for India Studies, USF

2010: Program co-chair, WTS 2010, Tampa, FL

2009 – 2012: COBA representative, USF faculty senate

2009 – 2010: Member, USF Task Force for student success, reporting to Provost, Ralph Wilcox

2009-2010: Member, USF textbook affordability committee, reporting to Assoc. Provost for Policy Analysis, Tapas Das

2009: Member, Program Committee, WITS; Research Methods Track, ICIS; ICISTM 2009

2009: Program co-chair, Indo-US workshop on cyber-security, Cochin, India

2009: Mini-track chair, Grid computing, AMCIS 2009

2009: NDSEG Graduate Fellows Panel, Washington D.C.

2008: Member, Program Committee, WITS 2008

2008: Secure Knowledge Management Workshop, SKM 2008, Dallas TX

2008 – 2009: Editor, COB ISDS Department website

2007 – 2008: NSF Graduate Fellows Panel, Washington D.C.

2007 – 2008: Informs IS Society teaching community web co-ordinator (<http://informs.ismlab.usf.edu>)

2007: Member, Program Committee, WITS 2007

2007 - 2007: Steering committee Member, Tampa OpenSolaris users group

2006 – 2007: Member, ISDS Department Faculty Recruitment Committee

2006 – 2007: Member, ISDS Department Undergraduate Program Review Committee

2006 – 2007: Editor, ISDS Department Newsletter

March 2007: Faculty advisor to USF Computer Security team at SECCDC, UNC Charlotte, NC

2006 – 2007: NSF Graduate Fellows Panel, Washington D.C.

Dec. 2005: Program Committee member, WEB 2005

Sep. 2004 – Feb. 2006: Webmaster for Cyber Security conference, USF, Tampa, FL

Mar. 2004: Program committee member, ACM technical track on E-Commerce Technology at the ACM SAC, March 14 - 17, Nicosia, Cyprus.

Mar 2004: Member, Scientific Committee, IADIS International conference on Applied Computing, Lisbon, Portugal

Fall 2003 - : USF committee on India initiatives

Nov. 2003: Organizing committee, USF International Education Week celebrations. Hosted U.N. Civilian Police Advisor, Dr. Kiran Bedi at USF for lecture to general body.

Oct. 2003: Informs conference; session chair, “Perspectives in IT outsourcing research”

August 2003: AMCIS Mini-track co-chair, Data-quality

March 2003: Program committee member, ACM technical track on E-Commerce Technology at the ACM Symposium on Applied Computing (SAC), March 9 - 12, Melbourne, FL. Proceedings published by the ACM.

April 2000: Organized a doctoral consortium at SUNY Buffalo for students in SOM, CSE and IE

1999 – 2000: Webmaster, Information Systems Frontiers Journal

Community service	Judge, FLASTEM technology challenge competition for middle school students in Tampa Bay area
Training attended	<p>USF COB Online teaching workshop, Summer 2014</p> <p>Flip classroom, ATLE, 4/4/2013</p> <p>Amazon AWS, Introductory technical workshop, Sep 12, 2012, Arlington, VA</p> <p>Using learning spaces, USF, Mar 2012</p> <p>ISDS Case writing workshop, 2011 May 9 – 13</p> <p>ISDS Center for Excellence in Business Continuity, 2008 March 10 – 14, “<i>SOA with Eclipse and Apache Axis</i>”</p>

ISDS Center for Excellence in Business Continuity, 2008 March 10 – 14, “*Java for Business Critical Systems*”

USF Division of sponsored research, Summer 2003, “*How to Obtain Peer-Reviewed Federal Funding for Research: A Proposal-Writing Workshop*”

Division of Sponsored Research, University of S. Florida, “*Principal Investigator Empowerment*”, March 18 – April 25, 2003

Center for teaching effectiveness, University of S. Florida, “*Cooperative Learning: Students Working Together*”, Sep. 23, 2002

OPNET Technologies workshops, “*Introduction to OPNET Modeler, IT Guru and ACE*”, Washington D.C., Aug. 25-27, 2002

National Institutes of Health (online training), “*Human participants protection education for research teams*”, 3/29/2002

Center for teaching effectiveness, University of S. Florida, “*Active Learning*”, Sep. 25, 2001

Center for teaching effectiveness, University of S. Florida, “*Reflecting Your Course in a Learning-Centered Syllabus*”, Nov. 20, 2002

**External
proposals
(unfunded)**

NSF SaTC 2015 - 2019, “*SBE: Medium: Collaborative: An Investigation of Social Cyber Attacks: Strategies for Detecting and Alerting*,” H. R. Rao (SUNY Buffalo - PI), V. Chandola (SUNY Buffalo – co-PI), M. Agrawal (USF - PI), R. Valecha (Senior Personnel / Consultant) - \$249,885

Manish Agrawal, Varun Chandola (SUNY Buffalo, CSE), H. R. Rao (SUNY Buffalo, Mgt. Sc.), Onook Oh (U. Warwick, UK) Google contact: B. Narendran, “Averting Rumor Attacks over Social Media: Rumor Squelching Strategies in Online Channels,” Google, 2015

NSF SaTC 2014: “*Averting Social Cyber- Attacks: Detection and Squelching Strategies*,” H. R. Rao (SUNY Buffalo - PI), V. Chandola (SUNY Buffalo – co-PI), M. Agrawal (USF - PI) R. Valecha (Senior Personnel)

AFOSR 2014: “*Influence and Trust Mechanisms across Cultures in Social Media— An Investigation of Recent Large Scale Global Social Crisis Events*,” (M. Agrawal – PI, University of South Florida; Dan Kim – PI, University of North Texas, K. Hazel Kwon –PI, Arizona State University and H. Raghav Rao – lead PI, SUNY @Buffalo)

SaTC with Adriana Iamnitich

Collaborative: Rumor as an instrument of cyber war – the mass exodus of targeted populations from high-tech nodes in India in August 2012, with H. R. Rao, \$75,000 (estimated), NSF, Aug 2012

Minerva BAA, \$950,000 with H.R. Rao and Onook Oh

SGER: Collaborative: Rumor as an instrument of cyber war – the mass exodus of targeted populations from high-tech nodes in India in August 2012, with H. R. Rao, \$75,000 (estimated), NSF, Aug 2012

Building a self-sustaining pipeline of STEM Graduates from under-represented communities in Information Technology, with Kaushal Chari, Grandon Gill, Joni Jones and Jacqueline Nelson, NSF S-STEM, Aug 2012, \$637,125

Indo-US bilateral workshop on Social Media Analytics and Big Data (SMABD), to Indo-US Science and Technology Forum, with T.S. Raghu and H. R. Rao, July 2012, \$25,000 (estimated)

Smarter Consumption for a Smarter Grid - IBM Smarter planet awards program, \$10,000 (rejected)

Risk Communication among Citizens through Social Media During and After Terrorist Events - NSF, co-Pis H.R. Rao and Onook Oh (rejected)

DoD 2011 with Grandon Gill

USF NSC with Geoff Potts

COBA 2010 summer

12/15/2009, *Agent-based Simulations and Grid Stability*, US Department of Energy

7/15/09: *Mastering Energy Storage through Smart Control (MAESTRO-SC)*: the Florida Energy Systems Consortium (FESC), Florida State University, NSF ERC proposal #6921784, socio-economic sub-thrust lead. PI: David A. Cartes, FSU

8/21/06: “A trans-national (US-India) collaborative working group on Cyber-crime and digital divide”, with H.R. Rao et al, (CTG Albany for NSF Digital Government program)

7/19/06: “CAREER: Fraud detection using multiple classifiers: Design and evaluation of information markets for decision fusion of classifiers”, (NSF CAREER)

3/16/06: “IT Enabled Business Transformations: An Empirical Assessment of Business Value”, (with Kaushal Chari) (IBM)

9/23/05: Looting Behavior Associated with Hurricane Katrina: Integrating Criminology, Economics with Agent-based Modeling, (with Kaushal Chari, Shayne Jones and Kwabena Gyimah-Brempong) (NSF SGER)

6/20/05: Software Effort, Quality and Cycle Time: A Project Team Perspective, (with Kaushal Chari) (NSF)

5/3/05: *Developing Learning Negotiation Support Systems for Automated Negotiations*, (with Kaushal Chari) (NSF)

07/20/04: *Electronic intermediaries: A computer modeling approach*, CAREER proposal submitted to NSF, Summer 2004

03/30/2004: *An Investigation of Offshoring in the context of the 24*7 Knowledge Factory* (with Auroop Ganguly and Sunil Saigal (USF), H.R. Rao (SUNY Buffalo) and Amar Gupta (M.I.T.)) (NSF)

02/24/04: *A Field Study to investigate the relationships among software costs, quality and cycle time* (with Kaushal Chari) (NSF)

01/08/04: *Impact of learning NSS on overcoming cognitive limitations* (with Kaushal Chari) (NSF) (**Rated competitive**)

06/11/03: *Offshore IS sourcing: An investigation of the performance of domestic and offshore coordinators*, (with H.R. Rao) (NSF)

12/02/2002: *Offshore IS Sourcing: An Investigation*, (with H.R. Rao and J. Goo) (NSF ITR) (**Rated competitive**)

Internal proposals (unfunded)

07/08/09: *Decision Support Systems for the Smart Grid*, submitted to the Florida Energy Systems Consortium, USF, \$90,000
