

CURRICULUM VITA

Uday R. Kulkarni

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Associate Professor Information Systems
W. P. Carey School of Business
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Education

Ph.D., University of Wisconsin – Milwaukee (MIS) May 1989
M.B.A., Indian Institute of Management, Calcutta (IS and Finance) May 1979
Bachelor of Technology, Indian Institute of Technology, Bombay (Electrical Engineering) Dec 1977

Professional Experience

Associate Professor of Information Systems, Arizona State University, W. P. Carey School of Business, 1996 – present
Assistant Professor of Information Systems, Arizona State University, W. P. Carey School of Business, 1988 – 1996
Visiting Research Professor, ESAN Graduate School of Business, Lima, Peru, Spring 2012 and Spring 2019 (on sabbatical leave from Arizona State University)
Visiting Research Professor, School of Economics and Business, University of Ljubljana, Slovenia, Spring 2019 (on sabbatical leave from Arizona State University)
Associate Faculty Director, Executive MBA Program, Arizona State University, W. P. Carey School of Business, Summer 2020.
Faculty Director, ProFlex MBA Program, Arizona State University, W. P. Carey School of Business, 2019 – 2020.
Founding Faculty Director, Online Master of Science in Business Analytics Program, Arizona State University, W. P. Carey School of Business, 2014 – 2016.
Founding Faculty Co-Director, Master of Science in Business Analytics Program, Arizona State University, W. P. Carey School of Business, 2013 – 2015.
Founding Faculty Director, Master of Science in Information Management Program, Arizona State University, W. P. Carey School of Business, 2005 – 2010.
Faculty Director, Master of Science in Decision and Information Systems Program, Arizona State University, W. P. Carey School of Business, 1996 – 2000.
Vice President of Research and Development, eComplete Solutions Inc., May 2000 – 2001 (on leave of absence from Arizona State University)
Doctoral Student and Graduate Assistant, University of Wisconsin - Milwaukee, 1984 – 1988
Finance/Corporate Planning Executive, Asian Paints (India) Ltd., Mumbai, India, 1981 – 1984
Finance Executive, Crompton Greaves Ltd., Mumbai, India, 1979 – 1981

Selected Honors and Awards

Teaching Excellence Awards

Most Impactful Faculty of the Year, FT MBA student-choice award, W. P. Carey (2020)
Best MSISM instructor – Informal recognition from the graduating batch of 2019
Outstanding Graduate Teaching Award - Department of Information Systems (2018)
Outstanding Graduate Teaching Excellence Award - WP Carey (2014)
Outstanding Teaching Award - School of Accountancy and Information Management (1997)
Outstanding Faculty Award, MBA IS Track (1997)

Outstanding Graduate Teaching Excellence Award - WP Carey (1996)
Outstanding Teaching Award - Decision and Information Systems Department (1995)
Emerald Management Reviews Citations of Excellence Award, 2011, 2014
Dean's Award of Excellence, Summer Research Grants, 2003, 2005, 2010, 2019
Industry Grants, Intel Corporation, 2002, 2003, 2004

Research

Consumer brand engagement via online platforms, Business intelligence capability, Knowledge management capability assessment, Decision support and knowledge-based systems.

Refereed Journal Articles

1. Kulkarni, Robles, and Popovič, "Business Intelligence Capability: The Effect of Top Management and the Mediating Roles of User Participation and Analytical Decision-Making Orientation", ***Journal of the Association for Information Systems***, (18, 7), 2017.
2. Phillips-Wren, Iyer, Kulkarni and Ariyachandra, "Business Analytics in the Context of Big Data: A Roadmap for Research", ***Communications of the Association for Information Systems***, (37), 2015.
3. Wixom, Ariyachandra, Douglas, Goul, Iyer, Kulkarni, Mooney, Turetken, and Wren, "The Current State of Business Intelligence in Academia: The Arrival of Big Data", ***Communications of the Association for Information Systems***, (34), 2014.
4. Kulkarni and Robles, "Inteligencia de Negocios en Empresas Peruanas: Una Evaluación de las Dimensiones de Éxito", ***Revista Latinoamericana y del Caribe de la Asociación de Sistemas de Información (RELCAI)***, (5, 1), 2012.
5. Wixom, Ariyachandra, Goul, Gray, Kulkarni, and Wren, "The Current State of Business Intelligence in Academia", ***Communications of the Association for Information Systems***, (29), 2011.
6. Supyuenyong, Islam, and Kulkarni, "Influence of SME Characteristics on Knowledge Management Processes: Case Studies of Enterprise Resource Planning Service Providers", ***Journal of Enterprise Information Management***, Vol. 22, No. 1, 2009, pp. 63-80.
7. Freeze and Kulkarni, "Knowledge Management Capability Assessment: Validating Distinct Knowledge Assets" ***International Journal of Knowledge Management***, Vol. 4, No. 4, 2008, pp. 40-61.
8. Freeze and Kulkarni, "Knowledge Management Capability: Defining Knowledge Assets", ***Journal of Knowledge Management***, Vol. 11, No 6, 2007, pp. 94-109.
9. Kulkarni, Ravindran, and Freeze, "A Knowledge Management Success Model: Theoretical Development and Empirical Validation," ***Journal of Management Information Systems***. Vol. 23, No. 3, Winter 2007, 309-347.
10. Kulkarni and Raghu, "Knowledge Management at Americas Conference on Information Systems", ***International Journal of Knowledge Management***, invited by editor based on our editorial experience at AMCIS 2003 and 2004 as co-chairs of the knowledge management track, Vol. 1, No. 2, 2005, 12-19.

11. Rothenberger, Dooley, Kulkarni and Nada, "Strategies for Software Reuse: A Principle Component Analysis of Reuse Practices", *IEEE Transactions on Software Engineering*, Vol. 29, No. 9, September 2003, 825-837.
12. Gregg, Kulkarni, and Vinze, "Understanding the Philosophical Underpinnings of Software Engineering Research in Information Systems", *Information Systems Frontiers Journal*, special issue on Philosophical Reasoning in Information Systems Research, guest editors: C. West Churchman, James Courtney, and G. Larry Sanders, Vol. 3, No. 2, 2001, .
13. Kiang, Kulkarni, and St. Louis, "Circular/wrap-around self-organizing map networks: an empirical study in clustering and classifications", *Journal of the Operations Research Society*, Vol. 52, Issue 1, Jan 2001, 93-101.
14. Kulkarni and Ramirez, "Independently Updated Views." *IEEE Transactions on Knowledge and Data Engineering*, Vol. 9, No. 5, Sept/Oct 1997, 798-812.
15. Ramirez, Kulkarni, and Moser, "Derived Data in Decision Support Systems." *Decision Support Systems*, Vol.17, 1996, 119-140.
16. Kiang, Kulkarni, and Tam, "Self-Organizing Map Network as an Interactive Clustering Tool - An Application to Group Technology." *Decision Support Systems*, special issue on Workshop on Information Technologies-92, Vol. 15, 1995, 351-374.
17. Kulkarni and Kiang, "Dynamic Grouping of Parts in Flexible Manufacturing Systems - A Self Organizing Neural Networks Approach." *European Journal of Operations Research*, special issue on Decision Technologies, Vol. 84, 1995, 192-212.
18. Kulkarni and Jain, "Interaction between Concurrent Transactions in Design of Distributed Databases." *Decision Sciences*, Vol. 24, No. 2, March/April 1993, 253-277.
19. Ramirez, Kulkarni, and Moser, "Performance Analysis of What-if Databases Using Independently Updated Views." *Journal of Management Information Systems*, Vol. 9, No. 1, Summer 1992, 185-203.

Refereed Books, Book Chapters

1. Freeze and Kulkarni, "Understanding the Composition of Knowledge Management Capability", in *Ubiquitous Developments in Knowledge Management: Integrations and Trends*, Information Science Publishing, January 2010.
2. *Decision Support for Global Enterprises*, Book Volume, Annals of Information Systems series, Kulkarni, Power, and Sharda, Ed., Springer, 2007.
3. Power, Sharda, and Kulkarni, "Understanding Decision Support for Global Enterprises," *Annals of Information Systems*, Springer, Vol. 2, 2007.
4. Kulkarni and Freeze, "Measuring Knowledge Management Capabilities", *Encyclopedia of Knowledge Management*, Idea Group Inc., 2005.

Working Papers

1. Ajjan, Kulkarni, Deokar, "How Does Customer Brand Engagement in the Context of Online Platforms Impact Sales?" under preparation.
2. Kulkarni, Riggins, and Weber, "Reconfiguring service systems exchanged competences from ICT-enabled service innovations: Experience from the microfinance industry in Cambodia", Revise and resubmit from Information Systems Research.

Papers Presented and Published in Refereed Conference Proceedings

1. Kulkarni, Deokar, and Ajjan, "Mining Online Reviews to Uncover Consumer Brand Engagement Development and Validation of a Knowledge Management Capability Assessment Model", ***Proceedings of the 40th International Conference on Information Systems***, Munich, Germany, December 2019.
2. Kulkarni and Robles, "Data Analytics to Improve Citizen-Centric Smart City Services", forthcoming ***Proceedings of the 25th Americas Conference on Information Systems***, Cancun, Mexico, August 2019.
3. Ajjan, Kulkarni, Deokar, "How Does Brand Momentum in the Context of Online Platforms Impact Sales?" ***Proceedings of the Pre-ICIS SIGDSA Symposium***, Seoul, South Korea, December 2017.
4. Kettles, Kulkarni, Mazzola, and St. Louis, "Overcoming Challenges to Effective Application of IT Research Results: A Framework for Encapsulating the Context and Findings of Research Studies", ***Proceedings of the 50th Hawaii International Conference on System Sciences***, January 2017.
5. Kulkarni and Robles, "Development and Validation of a BI Success Model" ***Proceedings of the 19th Americas Conference on Information Systems***, Chicago, August 2013.
6. Kulkarni and Robles, "A Business Intelligence Success Model: Theoretical Development and Empirical Validation" ***CLADEA 2012***, Lima, Peru.
7. Weber, Kulkarni, and Riggins, "Breadth and Depth: The Impact of ICT Adoption on Outreach Capabilities of Microfinance Institutions", ***Proceedings of the 18th Americas Conference on Information Systems***, Seattle, August 2012.
8. Lee and Kulkarni, "Business Intelligence in Corporate Risk Management", ***Proceedings of the 17th Americas Conference on Information Systems***, Detroit, August 2011.
9. Kulkarni, "What do MBA Students Need to Know about Business Analytics? Business Intelligence Strategy: An MBA Course", ***Business Intelligence Congress, Special Interest Group on Decision Support Systems Workshop***, St. Louis, December 2010.
10. Kulkarni and Ipe, "Knowledge Intensive Business Processes: A Process-Technology Fit Perspective", ***International Conference on Information Systems, Technology, and Management***, March 2010.
11. Yong and Kulkarni, "Knowledge Intensive Business Processes: A Framework for Decision Support", ***Decision Sciences in Global Enterprise Management, Indian Subcontinent Symposium on Decision Sciences Institute***, January 2009.
12. Schymik, Freeze, and Kulkarni, "Impact of Knowledge Management Systems on Knowledge Intensive Business Processes", ***Proceedings of the 13th Americas Conference on Information Systems***, Keystone, Colorado, August 2007.
13. Supyuenyong, Islam, and Kulkarni, "Knowledge Management Practices in Thai SMEs", ***Proceedings of the 13th Americas Conference on Information Systems***, Keystone, Colorado, August 2007.
14. Ipe and Kulkarni, "Decision Support for Knowledge Intensive Business Processes", ***International DSI Conference***, Bangkok, July 2007.

15. Power, Sharda, and Kulkarni, "Understanding Decision Support for Global Enterprises", *International Conference on Decision Support Systems*, Mumbai, January 2007.
16. Robles and Kulkarni, " Knowledge Management Systems: A Business Value Perspective ", *Proceedings of the 9th Pacific Asia Conference on Information System*, Bangkok, July 2005.
17. Freeze and Kulkarni, "Knowledge Management Capability Assessment: Validating a Knowledge Assets Measurement Instrument", *Proceedings of the 38th Hawaii Intl. Conference on System Sciences*, Jan. 2005.
18. Kulkarni and Freeze, "Development and Validation of a Knowledge Management Capability Assessment Model", *Proceedings of the 25th International Conference on Information Systems*, Washington D.C., December 2004.
19. Kulkarni and St. Louis, "Organizational Self-Assessment of Knowledge Management Maturity", *Proceedings of the 9th Americas Conference on Information Systems*, Tampa, August 2003.
20. Freeze, Kulkarni, and Ravindran, "Identifying Strategies for Improving Organizational Knowledge Use: A Knowledge Maturity Framework", *Proceedings of the 9th Americas Conference on Information Systems*, Tampa, August 2003.
21. Murphy, Kulkarni, "Developing Correspondence Knowledge: A Prototype for Database Schema Integration", *Proceedings of the 8th Americas Conference on Information Systems*, Dallas, August 2002.
22. Rothenberger and Kulkarni, "Software Reuse in Information Systems Development" (White Paper for Mini-Track), *Proceedings of the 6th Americas Conference on Information Systems*, Long Beach, August 2000.
23. Rothenberger, Kulkarni, and Hershauer, "Software Reuse Success Factors: A Qualitative Assessment of Developers' Perception", *Proceedings of the 5th American Conference on Information Systems*, Milwaukee, August 1999.
24. Rothenberger, Kulkarni, and Dooley, "Critical Success Factors for Software Reuse Projects", *Proceedings of the 19th International Conference on Information Systems*, Helsinki, December 1998.
25. Murphy, Kulkarni, Hershauer, and Rothenberger, "A Framework for Evaluating Heterogeneous Database Schema Integration Methodologies", *Proceedings of the 3rd Americas Conference on Information Systems*, Atlanta, August 1997.
26. Gustafson and Kulkarni, "Benefits of Using Independently Updated Views In Databases for Decision Making", *Proceedings of the 3rd Americas Conference on Information Systems*, Atlanta, August 1997.
27. Kiang, Kulkarni, Philipakkis, and Goul, "Improving the Effectiveness of Self-organizing Map Networks Using a Circular Kohonen Layer", Forthcoming, *Proceedings of the 30th Hawaii Intl. Conference on System Sciences*, January 1997.
28. Moser, Kulkarni, and Ramirez, "Scenario Management in Organizational DSS", *Proceedings of the 27th Hawaii Intl. Conference on System Sciences*, January 1994.
29. Ramirez, Moser, and Kulkarni, "Views and Differential Files", *Proceedings of the 24th Annual Meeting of The Decision Sciences Institute*, November 1993.

30. Ramirez, Moser, and Kulkarni, "Negotiation in Organizational DSS Using Extended Relational Views", *Proceedings of the 26th Hawaii Intl. Conference on System Sciences*, January 1993. **Best Paper Nomination.**
31. Kulkarni, Ramirez, and Moser, "Multiple Scenarios and Versions Using Independently-Updated Views", *Proceedings of the 23rd Annual meeting of The Decision Sciences Institute*, November 1992.
32. Kulkarni and Jain, "Using Semantic Knowledge in Partitioning and Allocation of Data in Distributed Databases", *Proceedings of the 24th Hawaii Intl. Conference on System Sciences*, Jan. 1991.
33. Ramirez, Kulkarni, and Moser, "Cost of Retrievals in What-if Databases", *Proceedings of the 24th Hawaii Intl. Conference on System Sciences*, January 1991.
34. Kulkarni and Jain, "A DSS for Designing Distributed Databases", *Proceedings of the 21st Annual meeting of The Decision Sciences Institute*, November 1990.

Invited Presentations

1. **Executive Sprint Knowledge seminar**, W.P. Carey School, ASU, "Blockchain technology and the future of business", October 2017.
2. **National Payment Corporation of Vietnam (NAPAS), National Agency for Technology Entrepreneurship and Commercialization Development of Ministry of Science and Technology**, "Blockchain Technology and its Implications to Business (NAPAS) – Arranged by University of Hawaii, Hanoi, Vietnam, June 2017.
3. **Symposium on Innovations in Data Analytics**, 2016 Pre-ICIS SIGDSA/IFIP WG8.3, "Curricula for Business Analytics", an international panel about diversity of Business Analytics curricula, Panel proposer and moderator, Dublin, December 2016.
4. **CSC Investment Banking (Host) - Arranged by University of Hawaii, Hanoi, Vietnam**, "Big Data and the Next Generation CRM in Vietnam", December 2015.
5. **W.P. Carey School, ASU, Back to Class Alumni event**, "Big Data: An Evolution or a Revolution: New Business Models", October 2015.
6. **Caterpillar Inc., Marketing Dealer Data Summit, Keynote Address**, "From Operational CRM to Analytical CRM: A Strategic Perspective", March 2014.
7. **MIS Academic Leadership conference**, Panelist, "Online MIS Programs", Indiana University, October 2013.
8. **Tecnológico de Monterrey**, Mexico, "Business Intelligence Strategy", March 2013.
9. **ESAN Graduate School of Business**, Lima, Peru, "A Business Intelligence Success Model: Theoretical Development and Empirical Validation", October 2012.
10. **Universidad del Desarrollo**, Chile, Santiago and Concepcion, "Business Intelligence: Current status and where is it going?", November 2011.
11. **SAS M2010 Industry Conference**, Las Vegas, "What do MBA Students Need to Know about Business Analytics?", October 2010.
12. **University of Arizona, MIS Department**, "Knowledge Capability Assessment and its Influence on Individual Outcomes", May 2009.

13. **University of Wisconsin – Milwaukee**, Lubar School of Business, "Knowledge Capability Assessment and its Influence on Individual Outcomes", April 2009.
14. **TACTICS 2008, Tata Consultancy Services Annual Conference**, Phoenix, "Knowledge Management Capability: Conceptualization, Assessment, and Impact", October 2008
15. **Tata Consultancy Services**, Chennai, India, "Knowledge Management Capability Assessment", June 2006.
16. "Self-Assessment of Knowledge Management Maturity", School of Management, **Asian Institute of Technology, Bangkok**, September 2003.
17. "Independently-Updated Views - Decision Support and Other Applications", **University of Arizona**, Tucson, April 1994.
18. "Derived Data for Decision-Support Systems", **National University of Singapore**, July 1992.

Presentations at Professional Meetings

1. "The Application of Neural Networks as a Clustering Tool to Group Technology." INFORMS, Los Angeles, April 1995.
2. "An Object-Oriented Approach for Storage and Retrieval of Model Data." ORSA/TIMS Joint National Meeting, Phoenix, October 1993.
3. "A Distributed Query Processing Algorithm to Maximize Parallel Processing." ORSA/TIMS Joint National Meeting, Las Vegas, May 1990.
4. "An Integrated Support System for Design of Distributed Data Base Systems." ORSA/TIMS Joint National Meeting, Vancouver, May 1989.
5. "A Study of Sensitivity of Distributed Data Base Design to Input Parameters." ORSA/TIMS Joint National Meeting, St. Louis, October 1987.
6. "Simulation Model of a Distributed DBMS." ORSA/TIMS Joint National Meeting, New Orleans, May 1987.

Editorial and Professional Activities (Editorships, Chairing of Conference Programs, Tracks and Committees)

1. Mini-track Chair, Social Media and Network Analytics, Americas Conference on Information Systems, Online, August 2020.
2. Mini-Track Chair, "Social Media and Networks Analysis Track", Americas Conference on Information Systems, Cancun, Mexico, 2019.
3. Mini-Track Chair, "Social Media and Networks Analysis Track", *Americas Conference on Information Systems*, Cancun, Mexico, 2019.
4. Research Track Chair, Pre-ICIS SIGDSA Symposium, San Francisco, December 2018.
5. Mini-Track Chair, "Social Media and Networks Analysis Track", *Americas Conference on Information Systems*, New Orleans, LA, 2018.
6. Research Track Chair, Pre-ICIS SIGDSA Symposium, Seoul, South Korea, December 2017.
7. Research Track Chair, Pre-ICIS SIGDSA Symposium, Dublin, Ireland, December 2016.

8. Associate Editor (ECIS 2021, 2020, 2019, 2018, 2017, 2016, 2015, 2012) Business Analytics Management and Applications track, *European Conference on Information Systems*.
9. Associate Editor, *International Journal of Knowledge Management* (since 2005).
10. Associate Editor (ICIS 2015, 2017), Decision Analytics and Support track, *International Conference of Information Systems*.
11. General Co-Chair, BI Congress III, AIS SIGDSS Workshop, 2012.
12. Elected Board Member, AIS SIGDSA, 2012-15, 2015-18.
13. General Co-Chair, BI Congress I, AIS SIGDSS Workshop, 2009.
14. Chair, AIS SIG on Decision Support Systems (SIGDSS), 2010-11.
15. Vice Chair AIS SIG on Decision Support Systems (SIGDSS), 2009-10.
16. Program Chair AIS SIG on Decision Support Systems (SIGDSS), 2008-09.
17. Associate Editor (ICIS 2009), Web-Based Information Systems track, *International Conference of Information Systems*, 2009.
18. Program Chair (ICDSS 2007), *International Conference on Decision Support Systems*, Calcutta, India, 2007.
19. Program Committee Member (ICGDW 2007), *Second International Conference on Globally Distributed Work*, Bangalore, India, 2007.
20. Co-Editor (with Power and Sharda), "Decision Support for Global Enterprise," *Annals of Information Systems*, Springer, 2007.
21. Program Chair, *International Conference on Decision Support Systems*, 2007, Calcutta, India.
22. Program Committee Member, *Second International Conference on Globally Distributed Work*, Bangalore, India, 2007.
23. Senior Editor (ICIS 2006), "General Topics Track", *International Conference of Information Systems*, Milwaukee, WI, 2006.
24. Track Chair, "Knowledge Management Track", *Pacific Asia Conference on Information Systems*, Kuala Lumpur, Malaysia, 2006.
25. Program Committee Member, *Pacific Asia Conference on Information Systems*, Bangkok, Hong Kong, Thailand, 2005.
26. Mini-Track Chair, "Knowledge Management Track", *Americas Conference on Information Systems*, Acapulco, Mexico, 2006.
27. Associate Editor (ICIS 2005), Web-Based Information Systems track, *International Conference of Information Systems*, Las Vegas, NV, 2005.
28. Mini-Track Chair, "Knowledge Management Track", *Americas Conference on Information Systems*, Nebraska, OM, 2005.
29. Mini-Track Chair, "Knowledge Management Track", *Americas Conference on Information Systems*, New York, NY, 2004.
30. Mini-Track Chair, "Knowledge Management Track", *Americas Conference on Information Systems*, Tampa, FL., 2003.

31. Mini-Track Chair, "Software Reuse and Software Quality Metrics Track", *Americas Conference on Information Systems*, Dallas, TX, 2002.
32. Mini-Track Chair, "Software Reuse and Software Quality Metrics Track", *Americas Conference on Information Systems*, Boston, MA, 2001.
33. Mini-Track Chair, "Software Reuse Track", *Americas Conference on Information Systems*, Long Beach, CA, 2000.
34. Mini-Track Chair, "Software Reuse Track", *Americas Conference on Information Systems*, Milwaukee, WI, 1999.
35. Research-in-Progress Track Chair and Program Committee Member, *Americas Conference on Information Systems Milwaukee*, August, Milwaukee, WI, 1999.
36. Program Committee Member, *17th International Conference on Conceptual Modeling (ER'98)*, Singapore, 1998.

Teaching

Taught various technology and management courses in the Executive MBA, Full-time MBA, and MSIM graduate programs. Instrumental in major curricular innovations. Chaired / participated in eleven dissertations. Directed more than twenty master's theses. Have been awarded one the most number of teaching awards in the W. P. Carey School of Business at ASU.

Courses Taught at Arizona State University:

CIS 591: Business Intelligence

Core Course for Executive MBA students: Sustainable competitive advantage through analytics, application of analytics, new business models.

CIS 503: Decision Making with Data Analytics

Core Course for Full-time and Proflex MBA students: Strategic applications of BI technology, analytical models, decision making with analytics.

MGT 591: Sharing Marketplaces, Blockchain, and the Emerging Business Models

Elective seminar for Executive MBA students: Blockchain technology and its potential to streamline commerce using distributed immutable digital footprints and facilitate mutually trusted peer-to-peer exchange of value.

CIS 515: Business Analytics Strategy (Day MSBA)

Capstone course for the onsite MSBA degree program.

CIS 591: Business Intelligence Strategy

Elective Course for evening MBA students: Strategic applications of BI technology. Competitive advantage through BI.

CIS 512: Business Intelligence (in-class and online)

Required Course for evening MSIM and Online MSIM students: Evidence-based decision-support systems with an emphasis on data warehousing, data mining, and strategic use of BI

CIS 593: Applied Project

Required Course for MSIM students: Capstone course designed to give real-life experiences via industry projects in the area of students' choices.

CIS 502: IT Management and Strategy

Required Course for MBA students: Management of Information Technology in organizations; strategic alignment and sustainable competitive advantage through IT discussed via case studies and readings.

CIS 502: eBusiness Strategy

Required Course for evening MBA students: Introduces all aspects of e-Businesses – business models, technology, strategy.

CIS 593: Electronic Commerce

Required Course for MBA / MSIM dual degree students: Introduces all aspects of e-Businesses and the electronic marketplace.

CIS 410: Object-Oriented Modeling and Programming

Undergraduate CIS Major: The new CIS 330 incorporates the latest techniques and practices – Object Orientation – for modeling data structures and algorithms for business information systems. Introduced C++ as the programming language for teaching these concepts.

CIS 420: Business Database Systems

Undergraduate CIS major: Helped streamline the course on the newly acquired INGRES mainframe DBMS in 1989. Also, introduced "Application By Form", a user-friendly front-end to INGRES for interactively developing database applications.

CIS 505: Technical Foundations of Data Management

Required Course for MBA / MSIM dual degree students: I have upgraded this course to include Object Oriented foundations. I have designed the delivery of this course to benefit two audiences: the technically oriented M.S. CIS students and the dual M.B.A./CIS degree students.

CIS 530: Networks and Client/Server Systems

Required Course for MBA / MSIM dual degree students: Introduces Unix OS and client / server processing.

CIS 591/598: Special Topics

Intensive course for MBA students seeking a dual M.S. degree in CIS area.

CIS 294: Introduction to Business Computer Programming

Undergraduate ACC major: A new course developed for accounting majors to satisfy their CIS course requirement as per 1996-98 catalog.

CIS 335: Visual Basic

Undergraduate CIS and ACC major: Visual programming concepts, program design and development using Visual Basic.

CIS 330: Data and File structures in C and C++

Undergraduate CIS major: Developed the course with the medium of C (in 1988) and C++ (in 1994).

Doctoral Dissertations (Chair / Committee Member)

1. Co-chair – David Weber (Completed April 2012) “Electronic-Enabled Intermediation in the Microfinance Industry.”
2. Committee member – Degan Kettles (Completed April 2012) “Motivating the Reluctant to Share Knowledge in Online Communities.”
3. Committee member - Jose Robles (Completed Dec 2009) “Web Question-Answering Technology: An Empirical Investigation of Task-Technology Fit.”

4. Committee member – Robyn Raschke (Completed May 2007) “An empirical analysis of business process agility ”
5. Chair – Ronald Freeze "Relating Knowledge Management Capabilities to Organizational Outcomes" (Completed August 06)
6. Committee member - Dawn Gregg (Completed May 2000) “Supporting Web Content Quality: Formalizing Metadata Concepts for the Web Domain.”
7. Co-chair - Marcus Rothenberger "Systems Development with Systematic software Reuse: an Empirical Analysis of Project Success Factors" (Completed August 99)
8. Co-chair - Marianne Murphy “Correspondence Knowledge in Heterogeneous Databases.” (Completed August 97)
9. Committee member - Gary Howorka (Completed May 94) “A Knowledge Representation Scheme for Organizational Decision-Support Systems.”
10. Committee member - Michael Hine (Completed Dec 93) “Design, Development, and Validation of a Distributed Blackboard Architecture to Support Organizational Learning.”
11. Committee member - Louise Tung (Completed Aug 93) “Multiple Parallel Representations of Linear Programming Models in Model Management Systems.”
12. Committee member - Elva Lin (Completed May 93) “A Subscript-free Language for Mathematical Models.”
13. Committee member - Abu Shaharier (Completed May 93) “Modeling, Evaluation, and Selection of Storage Structures for Complex Objects in a Relational Database.”

Professional Corporate Executive Seminars

Seminarium, Lima, Peru

Business Intelligence Strategy, 2-day (16 hours) seminars for senior executives, managers, and business leaders responsible for formulation and implementation of the company strategy – 2012, 2013

Semiteg, Quito, Ecuador

Business Intelligence Project Management, 2-day (16 hours) seminars for executives, managers, and business leaders responsible for formulation and implementation of the company strategy – 2013, 2014

International Executive MBA and MBA

Indian Institute of Management, Calcutta, India – Executive MBA - Business Analytics Strategy, 2011 2012, 2013, 2014, 2015

University of Hawaii, Vietnam Executive MBA – Executive MBA - Hanoi and Ho Chi Minh City campuses - Customer Relationship Management and Business Analytics, 2015, 2017

ESAN Graduate School of Business, Lima, Peru – International Week in MBA

- Business Analytics Strategy, 2011 2012, 2013, 2014, 2015, 2016, 2017

- CRM for the next Generation, 2013, 2014, 2015, 2016, 2017

Asian Institute of Management, Bangkok, Thailand – Executive MBA - Hanoi and Ho Chi Minh City campuses - Business Intelligence Strategy, 2012

Toulouse Business School, Groupe ESC Toulouse, France – Internet Technology and Strategy to international students in bachelors and masters programs, 2002, 2003

Grants, Awards, and Honors

Dean’s Award for Excellence, Summer Research Grant, W. P. Carey School of Business \$20,000,
Topic – Measuring Customer Brand Engagement and Its Impact on Sales, Summer 2019.

Department of Information Systems Outstanding Graduate Teaching Award (2018). This award was given to one Graduate faculty members from among 45 faculty in the department.

WP Carey Outstanding Graduate Teaching Excellence Award (2014). This annual award is presented to three faculty members from among about 300+ faculty members in the W.P. Carey School of Business.

Nominee for the Outstanding Graduate Teaching Excellence Award, W. P. Carey School of Business, Arizona State University, 2008, 2009, 2010, 2011, 2012. This annual award is presented to three faculty members from among about 200 faculty members in the W.P. Carey School of Business.

Emerald Management Reviews Citation of Excellence Award (2014, 2011), for “A Knowledge Management Success Model: Theoretical Development and Empirical Validation”, published in *Journal of Management Information Systems*, Vol. 23, No. 3.

Dean’s Award for Excellence, Summer Research Grant, W. P. Carey School of Business \$15,000,
Topic - Do knowledge management technologies impact the effectiveness of business processes? Summer 2010.

Dean’s Award for Excellence, Summer Research Grant, W. P. Carey School of Business \$15,000,
Topic - Do enhancement in knowledge management capabilities lead to improvement in performance of organizations? Summer 2005.

Department of Information Systems Summer Research Award, 10,000, Summer 2007.

Intel Corporation Grant \$77,000, Modeling and testing of Linkages Knowledge Management Capabilities and Business Performance, Summer 2003 and Academic Year 2003-04.

Dean’s Award for Excellence, Summer Research Grant, W. P. Carey School of Business \$12,000,
Development and Validation of Metrics and Methodology for Assessment of Knowledge Management Maturity in Organizations, Summer 2003.

Intel Corporation Grant \$21,000, Development and testing of Organizational Self-Assessment for Knowledge Management Maturity, Summer 2002.

School of Accountancy and Information Management Outstanding Teaching Award (1997). This award was given to one Graduate faculty members from among 45 faculty in the school.

Outstanding Faculty Award - MBA Information Management Track (1996). This award was presented by the MBA students to one faculty member from each MBA track.

WP Carey Outstanding Graduate Teaching Excellence Award (1996). This annual award is presented to three faculty members from among about 250+ faculty members in the W.P. Carey School of Business.

Accounting Circle's Teaching Scholarship Award (1995-96) for teaching excellence and course development, \$5000.00.

Decision and Information Systems Department Teaching Excellence Award (1995). This award was given to two faculty members from among 28 faculty in the department.