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Ramesh Venkataraman

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Education

Ph.D., University of Arizona, Business Administration (Management Information Systems), 1995.
M.S., University of Iowa, Computer Science, 1993.
B.E., Birla Institute of Technology, Computer Science, 1987.

Professional Certifications

ITIL v3 Expert Certificate, 2011 (highest worldwide certification in ITIL)

ITIL v2-V3 Manager's Bridge Certificate, 2011

ITIL v2 Manager's Certificate, 2010

ITIL v2 Foundations Certificate, 2006

Academic Experience

2021 – present	Professor, Operations and Decision Technologies
2018 - 2020	Associate Dean, Information and Instructional Technologies
2016 - 2020	Professor & Chairman, Kelley Direct Programs, Kelley School of Business, Indiana University
2014 - 2016	Professor & Chairman, Undergraduate Program, Kelley School of Business, Indiana University
2013 - 2014	Associate Professor & Chairman, Undergraduate Program, Kelley School of Business, Indiana University
2003 – 2013	Associate Professor & Chairman, Information Systems Graduate Programs, Kelley School of Business, Indiana University
1997 – 2003	Assistant Professor, Kelley School of Business, Indiana University
1995 – 1997	Assistant Professor, Information Systems, University of Maryland (UMBC)
1994 – 1995	Instructor, Information Systems, University of Maryland (UMBC)

Professional Experience

1987 – 1988	Brilliant Tutorials, Bangalore, India, Software Engineer

Professional Affiliations

Association for Information Systems

Honors and Awards

Fellowships

06/2017 -	John R. Gibbs Professor
2013 – 07/2016	Glaubinger Chair in Undergraduate Leadership
2009 – 05/2013	Whirlpool Faculty Fellow
2008	Eli Lilly and Company Fellow
2001 – 2008	Ford Motor Company Teaching Fellow of Information Systems
2004	SBC Fellow

Teaching Recognition

- Finalist, 2013 Statewide MIRA award in Technology Educator of the Year Category
- Nominee for AIS Outstanding Contribution to IS Education award, 2011
- Nominee for the Trustees Teaching Award, 2012 and 2011
- 1997 to 2013 Dean's Teaching Citations (multiple)
- Innovation in Teaching Award, Workshop on Information Technology and Systems, December 2009
- 2003 – 2004 Kelley Innovative Teaching Award
- 2003 MSIS Faculty Teaching Excellence Award
- 2002 MSIS Faculty Teaching Excellence Award.
- 2000 Indiana University Teaching Excellence Recognition Award (TERA).
- CIS Club President's Pick Award, 2000
- Nominated for 2007 Kelley Innovative Teaching Award

Professional Recognition

- IT Service Management Forum (itSMF) USA - 2007 Industry Knowledge Contribution Award

Key Administrative Contributions (2003 to 2020)

Associate Dean, Information and Instructional Technologies – February 2018 – December 2020

I oversaw the IT organization at the Kelley school which has a staff of approximately 40 full-time and several part-time staff members. Key units with this organization are: Infrastructure and operations, Project management, Systems development and Learning technologies.

I was part of the team that wrote and secured the proposal for the $10 million Jellison studios.

Kelley Direct Programs, Kelley School of Business, Indiana University
Chair, Kelley Direct Programs, July 2016 – December 2020

I oversaw all aspects of the Kelley School's #1 MBA/#1 MS (both according to US News & World Report) online programs. In my four ears as chair of Kelley Direct, we were able to bring in a record MBA classes in both spring and fall, each year. From when I took on this role in 2016 until Fall 2020, we had increased our intake by almost 100% in Fall and almost 200% in Spring. Student quality also increased.

During my tenure, I undertook the first major curriculum revision in Kelley Direct. This revision introduced the concept of integrated core in Kelley Direct as well as the notion of majors for the first time.

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Poets and Quants awarded Kelley Direct the *MBA Program of the Year* in January 2021 for the new innovative curriculum along with other aspects of Kelley Direct (student organizations, short-term study trips abroad etc.).

Undergraduate Program, Kelley School of Business, Indiana University

Chair, Undergraduate Program, June 2013 – 2016

I was the chair of the undergraduate program at Kelley and was responsible for all aspects of the 7000+ strong program, including career services. Some key items to highlight are:

- The most recent Businessweek rankings ranked the undergraduate program #4 and recruiters ranked our program as #4 as well

- The program quality was also at an all-time high, with an average GPA of 3.91 and an average SAT (including converted ACTs) of 1385

- I have overseen the execution of the largest set of curricular changes (Compass, Global Leadership Core, a required ethics course etc.) to the undergraduate program in over two decades

MS in Information Systems at Indiana University

Chair, MS in Information Systems Program (January 2003 – 2013):

I was the head of the MS in Information Systems (MSIS) from January 2003 – June 2013. In these 10 years, I was able to transform a fledgling program (class size of 14) to one of the top MS programs of its kind in the country. Some key items to highlight are:

- The program experienced growth in numbers and quality every year under my leadership; incoming class sizes of 32, 41, 55, 61, 64, 81, 84, 100, 108 and 135. This growth was accomplished during a time when IS programs were seeing significant decrease in enrollments.
- We are probably one of the few MSIS programs in the country with a higher ratio of US Citizens and permanent residents compared to international students.
- The program has had consistently high placements rates (> 95%) in all years, including the recession years of 2008 - 2009
- The program has been able to establish deep relationships with some top consulting firms (Deloitte, Ernst & Young, PricewaterhouseCoopers, Infosys Consulting, KPMG etc)
- We have also been able to successfully cater to students from a variety of undergraduate majors (accounting, finance, computer science, engineering etc)

Research

Research Articles in Journals[1]

1. B. Samuel, H. Bala, S. Daniel, and V. Ramesh, "Deconstructing The Nature Of Collaboration In Organizational Open Source Software Development: Relationships Between People And Process Characteristics," *IEEE Transactions on Software Engineering,,* 48(10), 3969-3987, October 2022.
2. B. Samuel, V. Khatri and V. Ramesh, "Intensional vs Extensional Representations: Domain Understanding of Cardinalities in a Relationship", *MIS Quarterly,* 42(4), 1187-1209, December 2018.
3. A. Sengupta, and V. Ramesh, "DocBase-Design, Implementation and Evaluation of a Document Database for XML", *Journal of Database Management*, 22(4), 30-56, December 2011.
4. A. Sengupta, and V. Ramesh, "Designing Document SQL (DSQL)- an Accessible Yet Comprehensive Ad-hoc Querying Frontend for XQuery", *Journal of Database Management*, 20(4), 26-53, October 2009.

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[1] Order of authorship is not always indicative of differential level of contribution.

5. R. L. Glass, I. Vessey, and V. Ramesh, " RESRES: The story behind the paper 'Research in software engineering: An analysis of the literature", *Information & Software Technology*, 51 (2009), pp. 68-70.

6. V. Khatri, I. Vessey, S. Ram, and V. Ramesh, "Cognitive Fit between Conceptual Models and Internal Problem Representations: The Case of Geospatio-Temporal Conceptual Schema Comprehension," *IEEE Transactions on Professional Communication*, June 2006, pp. 109-127.

7. V. Khatri, V. Ramesh, I. Vessey, P. Clay and S. J. Park, "Understanding Conceptual Schemas: Exploring the Role of Application and IS Domain Knowledge", *Information Systems Research*, 17(1), 2006, pp. 81-99.

8. V. Venkatesh and V. Ramesh, "Web and Wireless Site Usability: Understanding Differences and Modeling Use", *MIS Quarterly*, 30(1), 2006, pp. 181-206.

9. A. P. Massey, V. Ramesh, and M. M. Weiss, "Enhancing Performance via Systems Thinking:An Overseeing Framework for Knowledge Management", *International Journal of Knowledge Management*, Vol. 1, No. 4, 2006, pp. 23-42.

10. I. Vessey, V. Ramesh, and R. L. Glass "Research in Computing Disciplines: A Unified Classification System", *Information & Software Technology*, 47, 2005, pp. 245-255.

11. R. L. Glass, V. Ramesh and I. Vessey, "A Comparative Analysis of Research in the Computing Disciplines", *Communications of the ACM*, 47(6), 2004, pp. 89-94.

12. V. Ramesh, R. L. Glass and I. Vessey, "Research in Computer Science: An Empirical Study", *Journal of Systems and Software*, 70(1-2), 2004, pp. 165-176.

13. V. Venkatesh, V. Ramesh and A. P. Massey, "Understanding Usability in Online Commerce: "e" ≠ "m", *Communications of ACM,* 46(12), 2003, pp. 53-56.

14. I. Vessey, V. Ramesh and R. L. Glass, "Research in Information Systems: An Empirical Study of Diversity in the Discipline and its Journals", *Journal of Management Information Systems*, 19(2), 2002, 129-174.

15. Glenn J. Browne and V. Ramesh, " Theory and Techniques for Improving Information Requirements Determination: A Cognitive Perspective ", *Information & Management*, 39(8), 2002, 625-645.

16. R. L. Glass, I. Vessey and V. Ramesh, "Research in Software Engineering: An Empirical Study", *Information & Software Technology*, 44(8), 2002, 491-506.

17. Heikki Topi and V. Ramesh, "Human Factors Research on Data Modeling: A Review of Prior Work, An Extended Framework and Future Research Directions", *Journal of Database Management*, 13(2), 2002, 3-19.

18. Anne P. Massey, Mitzi Montoya-Weiss, Caisy Hung and V. Ramesh, "Global Virtual Teams: Cultural Perceptions of Task-Technology Fit", *Communications of the ACM*, December 2001, 83-84.

19. V. Ramesh and G. J. Browne, "Expressing Causal Relationships in Conceptual Database Schemas", *Journal of Systems and Software*, 45, 1999, 225-232.

20. S. Ram and V. Ramesh, "Collaborative Database Design: A Process Model and Prototype System", *ACM Transactions on Information Systems,* 16, 4, 1998, 347-371.

21. V. Ramesh and S. Ram, "Integrity Constraint Integration in Heterogeneous Databases: An Enhanced Methodology for Schema Integration", *Information Systems,* 22(8), December 1997, 423-446.

22. S. Ram and V. Ramesh, "A Blackboard-Based Cooperative System for Schema Integration", *IEEE Expert*, June 1995, 56-62.

23. R.O. Briggs, V. Ramesh, Nicholas C. Romano, Jr. and Joseph Latimer, "The Exemplar Project: Using Group Support Systems to Improve the Learning Environment*", Journal of Educational Technology Systems*, Vol. 23, No. 3, 1994-95, 277-291.

24. V. Ramesh and Chris Hays, "Design and Simulation of Electronic Meeting Systems in a DEVS-Scheme Environment", *ACM Simulation Digest*, Vol. 22, No. 2, Fall 1992, 19-28.

Research Book Chapters

1. H. Bala and V. Ramesh, "Information Technology Management Frameworks: An Overview And Research Directions," *H. Topi (ed.), Computer Science Handbook, Third Edition, Vol (2), 2013.*

2. A. P. Massey, V. Ramesh, and M. Montoya-Weiss, "A multi-level performance framework for knowledge management", In Jennex, M. (Ed.), *Knowledge Management in Modern Organizations*, Idea Group, Inc., 2006.

3. H. Topi and V. Ramesh, "Toward an Extended Framework for Human Factors Research on Data Modeling", *Advanced Topics in Database Research (Vol. 3)*, Keng Siau (ed.), Idea Group, 2004.

4. A. P. Massey and V. Ramesh, "Virtual Teams: The Cross-Cultural Dimension," in *IS Management Handbook 2003*, Carol Brown and Heikki Topi (eds.), Auerbach Publications, 2003, pp. 819-826.

5. V. Ramesh, "Online Poker and the Individuals who Play It", in *Our Virtual World: The Transformation of Work, Play and Life via New Technologies*, Laku Chidambaram and Ilze Zigurs (eds.), Idea-Group Publishing, 104 – 123, 2001.

6. V. Ramesh, Jeffrey Parsons, and Glenn J. Browne, "What is the Role of Cognition in Conceptual Modeling: A Report on the First Workshop on Cognition and Conceptual Modeling", in *Conceptual Modeling: Historical Perspectives and Future Directions*, Peter Chen, Jacky Akoka, Hannu Kangassalo and Bernard Thalheim (eds.), Springer-Verlag, 1999, 272-280.

7. S. Ram and V. Ramesh, "Schema Integration: Past, Current and Future", in *Management of Heterogeneous and Autonomous Databases*, A. Elmagarmid, Marek Rusinkiewicz, and A. Sheth (eds.), Morgan Kaufmann, San Mateo, CA, 120-155, October 1998.

Refereed Conference Papers

1. *B. Lazarine*, **S. Samtani**, H. Zhu, and R. Venkataraman, "Suggesting Alternatives for Potentially Insecure Artificial Intelligence Repositories: An Unsupervised Graph Embedding Approach" Hawaii International Conference on Systems Sciences (HICSS). Waikiki, Hawaii, January 3 – 6, 2024.

2. A. P. Massey, V. Khatri and V. Ramesh, "From the Web to the Wireless Web: Technology Readiness and Usability", *Proceedings of HICSS*, January 2005 (**full paper, best paper nominee**)

3. A. P. Massey, V. Khatri and V. Ramesh, "Mobile Data Services: Linking Customers Beliefs to Wireless Web Usability", *Austin Mobility Conference*, March 2004.

4. Robert M. Fuller, Vijay Khatri and V. Ramesh, "In Search of the Missing Link: Integrating User Acceptance Research into Systems Development Methodologies**,"** *2nd Annual Symposium on Systems Analysis and Design*, April 2003, Miami, Florida.

5. V. Ramesh, A. Sengupta and B. Reinicke, "Querying XML data: Does One Query Language Fit All?" *Workshop on Information Technology & Systems*, Barcelona, Spain, December 2002.

6. M. Murphy, V. Ramesh and U. Kulkarni, "A Critical Evaluation of Schema Integration Methodologies And Trends**,"** *Proceedings of the Americas Conference on Information Systems*, Dallas, TX, 2002, 109-113.

7. V. Ramesh and A. R. Dennis, "The Object-Oriented Team: Lessons for Virtual Teams from Global Software Development", *Proceedings of the 35th Annual Hawaii International Conference on System Sciences*, Kona, Hawaii, 2002 (**full paper**).

8. A. P. Massey, M. Montoya-Weiss, Y. C. Hung and V. Ramesh, "When Culture and Style Aren't About Clothes: Perception of Task-Technology "Fit" in Global Virtual Teams", *Proceedings of Group 2001*, Boulder, CO (**full paper**).

9. H. Topi and V. Ramesh, "Human Factors Research on Data Modeling: Review of Prior Research and Suggestions for Future Directions", *Proceedings of the Workshop on Evaluation of Modeling Methods in Systems Analysis and Design*, Interlaken, Switzerland, 2001 (**full paper**).

10. V. Ramesh and Samir Dhume, " A Flexible Agent-based Toolkit for Developing Collaborative Systems Analysis and Design Tools", *9th Workshop on Information Technology and Systems*, Charlotte, NC, 1999, 57-62.

11. K. Presnell, V. Ramesh and G. J. Browne, "Using Information Technology to Improve Learning in Higher Education: An Investigation of Multimedia Presentations and Group Support Systems", *5th Annual Americas Conference on Information Systems*, Milwaukee, WI, August 13-15, 1999.

12. K. Canfield, V. Ramesh and S. Quirologico, "Scenario-based Analysis of an Agent-based Architecture for Health-care Decision Support Systems", in *31st Annual Hawaii International Conference on System Sciences*, Kona, Hawaii, January 6-9, 1998 (**full paper**).

13. G.J. Browne, V. Ramesh, Mitzi G. Pitts and Michael Rogich, "Representing User Requirements: An Empirical Investigation of Formality in Modeling Tools", *3rd Annual Americas Conference on Information Systems, Indianapolis*, IN, August 15-17, 1997, 89-91.

14. K. Canfield, V. Ramesh, S. Quirolgico, M. Silva, "An Intelligent Information Systems Architecture for Clinical Decision Support on the Internet", *Proceedings of the AMIA Fall Symposium*, Washington DC, October 26-30,1996.

15. V. Ramesh and G. J. Browne, "Toward the Development of a Cognitive Basis for Semantic Modeling: Captuirng Additional Relationship Types in Conceptual Database Design," *2nd Annual Americas Conference on Information Systems*, Phoenix, AZ, August 16-18, 1996, 407-409.

16. V. Ramesh, Kip Canfield, Steve Quirologico and Marcelo Silva, "An Agent-based Architecture for Interoperability among Heterogeneous Medical Databases", *2nd Annual Americas Conference on Information Systems*, Phoenix, AZ, August 16-18, 1996, 549-551.

17. V. Ramesh and S. Ram, "A Methodology for Interschema Relationship Identification in Heterogeneous Databases", *28th Hawaii International Conference on Systems Sciences*, Maui, Hawaii, 1995, 263-272 (**full paper, best paper nominee**).

18. V. Ramesh and S. Ram, "Integrity Constraint Integration in Heterogeneous Databases: An Enhanced Methodology for Schema Integration", *Fourth Annual Workshop on Information Technology Systems (WITS'94),* Vancouver, B.C., December 1994, 282-291.

19. V. Ramesh, "Setting an Agenda for Educational Technology Development in the 1990s", *Special Issue of the 10th Anniversary Association of Management Conference*, Combined Supplement, Vol. 10, No. 2, 1993.

20. Robert O. Briggs, V. Ramesh, Koushik Basu and Judith P. Carlisle, "Exemplar: Improving the College Classroom with Group Support Technology*", Thirteenth Annual International Conference on Information Systems*, December 1992, Dallas, TX.

21. V. Ramesh, "An Agenda for Educational Technology Development*", 10th Anniversary Conference of the Association of Management*, August 1992, Las Vegas, NV.

22. Robert O. Briggs and V. Ramesh, "Exemplar: Group Support Technology for Lectures", *10th Anniversary Conference of the Association of Management*, August 1992, Las Vegas, NV.

23. Titus D. M. Purdin and V. Ramesh, "An Object-Oriented Multi-Media Classroom Instruction System", *ACM Symposium on Applied Computing*, March 1992, Kansas City, MO (**full paper**).

24. J.F. Nunamaker, Jr., V. Ramesh, R.M. Daniels, G. Hayes, A. R. Dennis and D. Vogel, "Enterprise Analyzer: Supporting CASE with Electronic Meeting Systems", *CASE ' 90*, December 1990, Irvine, CA.

Ongoing Research Projects

1. *B. Lazarine*, H. Zhu, *A. Sachdeva*, <u>**S. Samtani**</u>, and R. Venkataraman, "Identifying Linked Repositories on GitHub: A Graph Self-Supervised Learning Approach" ***Under First Round Review at Information Systems Research (ISR).***

2. *A. Sachdeva*, *B. Lazarine*, <u>**S. Samtani**</u>, H. Zhu, and R. Venkataraman, "User Profiling and Vulnerability Introduction Prediction in Social Coding Repositories" ***Targeted at Journal of Management Information Systems.***

3. "The Effects of IT Service Management Practices on IT Capabilities," Target: *Information Systems Research* (with H. Bala and A. Bhagwatwar).

Research Presentations

1. "Does Application Domain Knowledge Really Matter? Exploring Its Role in Comprehension of Conceptual Schemas", *University of Arizona*, March 26, 2004.

2. Fresh Perspective on Data Modeling Research, invited presentation, *Birla Institute of Technology and Science*, Pilani, August 17, 2003.

3. Fresh Perspectives on Data Modeling Research, invited presentation, *University of Illinois*, Chicago, April 25, 2003.

4. "Integrating User Acceptance Research into Systems Development Methodologies", *2nd Annual Symposium on Systems Analysis and Design*, Miami, Florida, April 2003.

5. "Querying XML data: Does One Query Language Fit All?" *Workshop on Information Technology & Systems*, Barcelona, Spain, December 2002.

6. "The Object-Oriented Team: Lessons from Software Development for Global Virtual Teams", *35th Annual Hawaii International Conference on System Sciences,* Kona, Hawaii, January 2002.

7. "Understanding Wireless Usability", *invited* presentation made at the Advanced Technology in Business Conference, Troy, Michigan, October 2002.

8. "Human Factors Research in Data Modeling", *Workshop on Evaluation of Modeling Methods in Systems Analysis and Design,* Interlaken, Switzerland, June 2001.

9. "Is Further Research on Conceptual Data Modeling Necessary", University of Texas at Austin, October 2000.

10. "Is Further Research on Conceptual Data Modeling Necessary", Texas Tech University, February 2000.

11. "A Flexible Agent-based Toolkit for Developing Collaborative Systems Analysis and Design Tools", *9th Workshop on Information Technology and Systems*, Charlotte, NC, December 1999.

12. "An Empirical Investigation of Causality in Conceptual Modeling," *Workshop on Cognition and Conceptual Modeling, 16th International Conference on Conceptual Modeling (ER'97)*, Los Angeles, California, USA, November 1997.

13. "An Agent-based Architecture for Interoperability among Heterogeneous Medical Databases ", *2nd Annual Americas Conference on Information Systems*, Phoenix, Arizona, August 1996.

14. " Toward the Development of a Cognitive Basis for Semantic Modeling: Capturing Causal Relationships in Conceptual Database Design ", *2nd Annual Americas Conference on Information Systems*, Phoenix, Arizona, August 1996.

15. "A Methodology for Interschema Relationship Identification in Heterogeneous Databases", *28th Hawaii International Conference on Systems Sciences*, Maui, Hawaii, January 1995.

16. "Integrity Constraint Integration in Heterogeneous Databases", *4th Annual Workshop on Information Technology Systems (WITS'94)*, Vancouver, B.C., December 1994.

17. "An Agenda for Educational Technology Development", *10th Anniversary Conference of the Association of Management*, Las Vegas, NV, August 1992.

18. "Design of Distributed Database Systems", *Demonstration, University Partnerships Day II*, IBM/ISSC, Bethesda, MD, April 1992.

19. "Early Results with Exemplar: A Group Learning Support System", *Twelfth Annual Conference on Microcomputers in Education,* Arizona State University, Tempe, AZ, March 1992.

20. "An Object-Oriented Multi-Media Classroom Instruction System", *ACM Symposium on Applied Computing*, Kansas City, Missouri, March 1992.

Research Panels

1. "Design Science Research: How Wide a Net", Panel, 2nd International Conference on Design Science Research, Pasadena, CA, May 2007.

2. "Research Opportunities in Systems Analysis and Design", Panel, *6th Symposium on Systems Analysis and Design,* Tulsa, OK, May 2007.

3. "Experimental Research on Conceptual Modeling," Panel, *Entity-Relationship Conference*, Tucson, Arizona, November 2006.

4. "Cognition and Conceptual Modeling," Panel, *1st Workshop on Cognition and Conceptual Modeling*, Los Angeles, California, November, 1997.

Teaching

Books

1. J. Hoffer, V. Ramesh and H. Topi. Modern Database Management. 13th Edition, Pearson-Prentice Hall, 2019.

2. J. Hoffer, V. Ramesh and H. Topi. Modern Database Management. 12th Edition, Pearson-Prentice Hall, 2015.

3. J. Hoffer, H. Topi, and V. Ramesh. Essentials of Database Management, Pearson-Prentice Hall, 2013.

4. J. Hoffer, V. Ramesh and H. Topi. Modern Database Management. 11th Edition, Pearson-Prentice Hall, 2012.

5. J. Hoffer, V. Ramesh and H. Topi. Modern Database Management. 10th Edition, Pearson-Prentice Hall, 2010.

6. Contributor: *IT Governance using COBiT and ValIT,* Student Book, IT Governance Institute, 2nd Edition, 2007.

7. James Brancheau and V. Ramesh. *Programming Perl and Databases*. An Internet book for O'Reilly & Associates and Digital Education Systems, 1999.

Teaching Articles

1. V. Ramesh and A.B. Gerth, "An Integrated Core for MS in Information Systems Programs, " *Communications of the AIS*, 36(16), February 2015.

2. H. Topi, B. Donnellan, V. Ramesh, C. van Toorn, and R.T. Wright, "Moving towards the next generation of graduate degree programs in Information Systems," *Communications of the AIS*, 34(35), January 2014.

3. H. Topi, M. Helfert, V. Ramesh, R. T. Wigand, and R. T. Wright, "Future of Master's Level Education in Information Systems", *Communications of the Association for Information Systems*, 28(27), 2011.

4. A. Urbaczewski, V. Ramesh, and P. Kontogiorgis, "IT Services Management in the Curriculum: Challenges, Realizations, and Lessons Learned," *Communications of the Association for Information Systems*, 28 (5), 2011.

5. S. Conger, R. Venkataraman, A. Hernandez, and J. Probst, "Market Potential for ITSM Graduates: A Survey," *Information Systems. Management,* 26 (2), Mar 2009, 176-181.

6. J.S. Beachboard, S. Conger, D. Galup, A. Hernandez, J. Probst, R. Venkataraman, "AMCIS 2007 Panel on IT Service Management: IT Service Management in the IS Curriculum," *Communications of the Association for Information Systems*, 20(35), November 2007

7. A. P. Massey, V. Ramesh, and V. Khatri, "Design, Development and Assessment of Mobile Applications: The Case for Problem-Based Learning," *IEEE Transactions on Education*, 49(2), May 2006, pp. 183-192.

8. V. Ramesh and J. B. Wu, "An Approach to Teaching Object-oriented Programming Concepts in Business School Curricula", *Decision Sciences Journal of Innovative Education*, 2(1), 83-87, 2004.

9. V. Ramesh and A. Sengupta, "J2EE Vs. .NET: An Application Development Perspective," in *IS Management Handbook 2003*, Carol Brown and Heikki Topi (eds.), Auerbach Publications, 2003, pp. 415-424.

10. V. Ramesh, "Java: The Language and its Supporting Technologies", in *Systems Development Journal*, February 2000, (also published in *IS Management Handbook 2000*, Carol Brown with Heikki Topi (eds.), Auerbach Publications, 2000, pp. 431-442).

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Teaching Cases

1. S.D. van Hove and V. Ramesh, "MobileMusic", *AIS IT Management Case Competition*, February 2013

2. Justin Greis and V. Ramesh, "IAM: The Great CIO/CFO Debate", *AIS IT Risk Management Case Competition*, February 2012.

3. A. B. Gerth and V. Ramesh, "Fostering Business Innovation with Technology". *CA International Case Competition*, November 2011.

4. A. B. Gerth and V. Ramesh, "Risk Management and Cloud Computing", *CA International Case Competition*, April 2010.

5. A. B. Gerth and V. Ramesh, "HHS-Connect: Improving Access to Human Services", *CA International Case Competition*, November 2008.

Teaching presentations

1. "Building a world-class MS in Information Systems (MSIS) Program@IU", *University of Notre Dame* (invited presentation), April 2013.

2. "MSIS@IU", 2nd Annual MIS Academic Leadership Conference, Philadelphia, PA, November 2012.

3. "MS in Information Systems at Indiana University", 1st Annual MIS Academic Leadership Conference, October 2011, Dallas, TX.

4. "Enrollments: New Techniques…New Results", nationwide webinar for *Association for Information Systems*, February 2010.

5. "MSIS at Indiana University", *University of Arkansas,* 2007 (Invited presentation).

6. "Teaching Object-oriented Programming in Business Schools", *INFORMS Conference*, Atlanta, GA, Oct. 18 2003 (Invited Tutorial).

7. ".NET in the IS Curriculum", *International Conference on Information Systems*, Seattle, WA, December 15-17, 2003.

8. "Web Applications Development: Strategies and Choices", Advanced Technology in Business Conference, Troy, Michigan, October 1999 (Invited presentation).

9. "Programming Perl with Databases", O'Reilly & Associates, via National Technological University, Fort Collins, Colorado, May - June 1999 (Invited presentation)

10. "Information Technology Trends for the Year 2000 and beyond", presentation to senior management, Vetri Software Inc. (USA/India), December 1998, Chennai, India.(Invited Presentation)

Teaching Panels

1. "Launching a comprehensive review of MSIS 2006", *AIS SIGED conference*, Milan, Italy, December 2013.
2. "Providing distinctive value through Master's level programs in Information Systems", *AIS-SIGED conference*, Shanghai, China, December, 2011.

3. *Wellpoint Leadership Day,* September 14, 2011.

4. "Future of Master's Level Education in Information Systems", Panel, *Americas Conference on Information Systems*, Lima, Peru, August 2010.

5. "IT Service Management in the Curriculum: Challenges, Realizations and Lessons Learned", Panel, *Americas Conference on Information Systems*, Lima, Peru, August 2010.

6. "IT Service Management", Panel, *Americas Conference on Information Systems,* Keystone, CO, August 2007.

7. "IT Service Management in Academia," Panel, *International Conference on Information Systems*, Milwaukee, WI, December 2006.

8. "Technology Supported Learning," *Panel, Inaugural Maryland Information System Workshop*, UMBC, Baltimore, Maryland, October 1996.

University Teaching Experience

Undergraduate: IT Governance and Controls, IT Service Management, Object-Oriented Design and Development, Introduction to Database Design, Advanced Database Management, Data Networking and Telecommunications, Data Structures and Algorithms

Graduate: Advanced E-Business Infrastructure, Advanced Web Applications Development (JSP/Java Servlets, ASP.NET, Perl), Advanced Programming (VB.NET and Java), Database Management, Data Networking and Telecommunications,

New Courses Developed (2003 – present)

S596 Digital Technology and Innovation, 2019
T599 Capstone Project, 2020
T593 Enterprise Data Management -2, 2020
GE Immersion 1 and 2 – 2015, and 2016,
V595 Advanced Data Management – Fall 2015
V595 Mobile Application Development – Fall 2015
X504 Foundations Core (MSIS) (IT Service Management, Data Management and Management of IT modules) – Fall 2011
S514 IT General Controls (MSIS required course) – Fall 2007
S507 Management of Information Technology (MSIS required course) – Fall 2006
X580 Academy of Business and Technology (MSIS experiential course) – Spring 2005
X500 IT Risk Management Clinic (Kelley Direct) – Summer 2010
V594 Special Topics in IT, Operations and Supply Chain Management (IU/SungKyunKwan University Executive MBA Program) – Summer 2011
X500 IT Service Management Foundations (Booz Allen Certificate in ITSM) – Spring 2012
V597 International Location Experience (IU/SungKyunKwan University Executive MBA Program) – Spring 2011

Major Course revisions (2003 – present)

A566 IT Auditing – Fall 2005
S505 Introduction to Programming (Vsual Basic .NET) – Fall 2003
S507 Management of Information Technology – Fall 2008
S525 Advanced Programming – Fall 2003
C522 IT for Managers – Fall 2009

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Courses taught (2003 – present)

S505 Introduction to Programming (Vsual Basic .NET) (MSIS Required) – Fall 2003
S514 IT General Controls (MSIS Required) – Fall 2007, Fall 2008
S525 Advanced Programming (MSIS Required) – Fall 2003
S528 Object-oriented Programming (MSIS Required) – Fall 2005, Fall 2010, Spring 2010
S535 Introduction to Business Information Systems (MSIS Summer pre-requisite)
S531 Advanced Web Applications Development (MSIS Required) – Spring 2005
S546 Capstone Project (MSIS Required) – Spring 2006, Spring 2007, Spring 2008
X580 Academy of Business and Technology – Spring 2005, Spring 2006
A566 IT Auditing – Fall 2005, Fall 2006
C522 IT for Managers (Kelley Direct MBA course) – Fall 2007 onwards
X500 IT Risk Management Clinic (Kelley Direct MBA course) – Summer/Winter 2010 and 2011
X575 Cummins in-residence – Spring 2008
V594 Special Topics in IT, Operations and Supply Chain Management (IU/SungKyunKwan University Executive MBA Program) – Summer 2011
V597 International Location Experience (IU/SungKyunKwan University Executive MBA Program) – Spring 2011

International and Corporate Education

2010	Emerging Account Managers Program, Cognizant Technology Solutions
2003	Visiting Professor, Information Systems and Science Department, Helsinki School of Economics and Business Administration, Helsinki, Finland
2001 - 2004	Visiting Professor (Summer), Information Technology Program, Helsinki School of Economics and Business Administration, Helsinki, Finland.
2001 & 2002	University Information Technology Services - Introduction to Object-Oriented Programming and Java
2000	Garden.com – Intense Java for Non C/C++ programmers.
1999	O'Reilly & Associates – Programming Perl with Databases, video lectures, rebroadcast in October – November (1999) & September 2000.
1997	Raytheon, Introduction to the Capability Maturity Model (CMM).
1996 - 1997	Bell Atlantic Communications- Training in New Technologies (Client/Server Systems and Database Technologies) - Manager's Track.
1996	Vitro Corporation, Client/Server Systems.

Consulting Experience

Lead Architect, Management Information Systems Quarterly Executive (MISQ Executive), 2001 - 2008.
Chief Technology Consultant, Nuvostudios Inc., San Francisco, CA 1999 - 2001.
Lead Database Architect, *What's My Line?, Was Bin Ich? and Price is Right* online games, Pearson Television Inc., 2000.

Doctoral/Honors Advising and Committee Activity[2]

Doctoral

Akshat Lakhiwal (2022 -), Indiana University
Binny Samuel (2008 - 2012), Indiana University
Merete Hvalshagen (2006 - 2011), Indiana University.
Nate Stout (2003 – 2006), Indiana University.

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[2] Item in bold indicates (co) chairperson of committee

Yu-Ting Caisy Hung (2002 - 2005), Indiana University.
L. Kristan Presnell (1998**),** University of Maryland Baltimore County.
Mitzi G. Pitts (1999), University of Maryland Baltimore County.
Michael B. Rogich (1997), University of Maryland Baltimore County.

Honors Students (Indiana University)

Kyle Blocher, 2006.
Tom Stroud, Honors Project Co-Supervisor, 1999.
Paul Turnbull, Honors Project Supervisor, 1999.
Cassandra Bonner, Project Supervisor, 1998.

Service Activities

Kelley School of Business

Associate Dean, Information and Instructional Technologies, 2018 - 2020
Chairman, Kelley Direct Programs, 2016 - 2020
Chairman, Undergraduate Program, 2013 – 2016
Chairman, Business Honors Program, 2013 - 2016
Chairman, Information Systems Graduate Programs, 2006 – 2013
Chairman, MSIS Core Design Task Force, 2010 - 2011
Member, MBA in Accounting Task Force, October 2007 - 2009
Member, Academic Council, 2005 - present
Director, MS in Information Systems Program, January 2003 – 2006
Director, Academy of Business and Technology Analysis, July 2003 - 2005
Co-director, Academy of Business and Technology Analysis, July 2002 – June 2003.
Member – MS in Information Systems Task Force, Fall 2002.
Member - Technology Studio Task Force, Spring & Summer 2001.
Systems and Accounting Graduate Programs Committee, Fall 2000 – 2004.
Ad hoc committee for creation of the E-Enterprise Institute, Spring 1999.

Information Systems Department

Graduate Curriculum Committee – January 2003 – 2013

Operations and Decision Technologies

Member, Faculty Search Committee, September 2007 – 2012

Accounting & Information Systems Department

Ad hoc committee for Technology Studio & Workshop, Spring 2001.
Graduate Curriculum Committee, 2000 – December 2002.
Doctoral Curriculum Committee, 2000 – 2002.
Information Systems Recruiting Committee, 2001 - 2002.
Co-Coordinator (with Carol Brown), IS Research Workshop, 1999-2000.
Coordinator, IS Research Workshop, 1999.
IS Undergraduate Curriculum Committee, 1997- 2000.
Scholarships & Awards Committee, 1998- 2000.
Course Coordinator
        S205 – Fall 1998 – 2001
        S215 – Fall 1999 – 2001
        S220/S420 – Fall 1998 – 2001
        S315 – 1997-1998.
Judge, Eli Lilly Case Competition, 2002

Judge, EDS/CIS Club Case Competition, 1998 & 1999.
Accompanied CIS Club on Silicon Valley Trips, 1999, 2000-2002.

Department of Information Systems, University of Maryland Baltimore County

Committees

Faculty Appointments Committee, 1995- 1997.
Undergraduate Programs Committee, 1994- 1997.
Equipment & Facilities Committee, 1994-1995.

Profession

Conference Organization and Professional Leadership

- Co-Chair, International Case Competition on Strategic Value of IT Management, 2007 – 2012
- Teaching Committee Chair, IT Service Management Forum, September 2009 - 2012
- Research Committee Chair, IT Service Management Forum, 2008 – September 2009
- Advisor, IT Service Management Forum Student Local Interest Group, October 2008 - 2012
- Member, Academic Alliance Committee, IT Service Management Forum, 2006 - 2010
- Member, International Academic Relations Committee, Information Systems Audit and Control Association, 2006 - 2009
- Vice-President, INFORMS Information Systems Society, November 2005 - 2007
- Co-organizer, IT Service Management Forum (itSMF) – Academic Summit, Charlotte, NC, September, 2007
- Co-Chair, Doctoral Consortium, Americas Conference on Information Systems, Keystone, CO, August 2007.
- Co-organizer, Workshop on Information Technology and Systems (WITS), December 2006
- Member, International COBIT in Academia meeting, April 2006.
- Co-organizer, IT Service Management Forum (itSMF) – Academic Summit, Dallas, TX, Oct. 26th – 27th, 2006
- Co-organizer, COBIT in Academia Summit, Washington, D.C., September 27th 2006
- Co-Chair, Demo and Posters, Entity-Relationship Conference, Tucson, AZ, November, 2006
- Vice-President, AIS Special Interest Group on Systems Analysis and Design (SIGSAND) 2004 – 2006.
- Co-founder, Special Interest Group on Systems Analysis and Design (SIGSAND).
- Co-organizer the 4th Annual Symposium on Systems Analysis and Design, April 2005, Cincinnati, Ohio
- Symposium Co-organizer – 3rd Annual Symposium on Systems Analysis and Design Research in Information Systems, New Foundland, June 2004.
- Symposium Co-organizer – 3rd Annual Symposium on Systems Analysis and Design Research in Information Systems, New Foundland, June 2004.
- Symposium Co-organizer – 2nd Annual Symposium on Systems Analysis and Design Research in Information Systems, Miami, April 2003.
- Symposium Co-organizer – Symposium on Systems Analysis and Design Research in Information Systems, Miami, March 2002.
- Mini-track Co-Chair - Mini-track on Information Sharing among Heterogeneous Data Sources Distributed Across the Internet, Internet and Digital Economy Track, Thirty-First Annual Hawaii International Conference on System Sciences, January 1998.
- Workshop Co-Chair – Workshop on Cognition and Conceptual Modeling, 16th International Conference on Conceptual Modeling (ER'97), Los Angeles, California, USA, 1997.
- Mini-track Chair - Mini-track on Heterogeneous Database Interoperability, 3rd Annual Americas Conference on Information Systems, Indianapolis, Indiana, August 1997.
- Publicity Chair - ACM SIGMOD/PODS, Tucson, Arizona, 1997.

- Conference co-organzier - Inaugural Maryland Information Systems Workshop (MISW), October, 1996.
- Mini-track Chair - Mini-track on Heterogeneous Database Interoperability, 2nd Annual Americas Conference on Information Systems, Phoenix, Arizona, August 1996.

Editorial Boards and Program Committees
- Editor-in-Chief, e-Service Journal, June 2009 – 2019
- Editorial Review Board, Journal of the Association of Information Systems, March 2012 – December 2014
- Advisory Board Member, AIS Student Chapters, January 2011 – March 2012
- Treasurer, Workshop on Information Technology and Systems, December 2009 - 2012
- Senior Editor, Information Systems Management, July 2007 – May 2010
- Associate Editor, Information Systems Research, January 2008 – December 2010
- Associate Editor, Special Issue on Collaborative Virtual Worlds, MIS Quarterly, 2008 - 2010
- Associate Editor, Special Issue on Design Science, MIS Quarterly, 2006 – 2007
- Associate Editor, International Conference on Information Systems, 2006 - 2012
- Senior Editor, e-Service Quarterly, January 2003 – 2006
- Associate Editor, e-Service Quarterly, Fall 99 – December 2002
- Editorial Review Board, Journal of Information Technology, Theory and Application, 2001 - 2008
- Editorial Review Board, Journal of Database Management, September 2000 – present
- Program Committee Member – 2006, 2007 European SIGSAND conference
- Program Committee Member – 2004 Austin Mobility Roundtable
- Program Committee Member – 2002 & 2003 International Conference on Information Systems and Technology (CIST).
- Program Committee Member – 2001 International Conference on Information Systems (ICIS).
- Program Committee Member – 1998, 2001 - 2003 International Conference on Entity-Relationship Modeling (ER).
- Program Committee Member – 1995, 1998, 2000 – 2003, 2004, 2005 Workshops on Information Technology Systems (WITS).
- Program Committee Member - 1998, 1999, 2000 – 2005 Workshops on Evaluation of Modeling Methods in Systems Analysis and Design (EMMSAD).

Ad Hoc Reviewer

Journals:

Journal of AIS
Management Science
Information Systems Research
MIS Quarterly
Journal of Management Information Systems
IEEE T. on Knowledge and Data Engineering
Data Base
Information & Management
Decision Support Systems
Journal of Database Management
Journal of Systems and Software
Data and Knowledge Engineering

Conferences:
International Conference on IS (ICIS) - 1992-1993, 1995-1996, 1998 – 2000.
Hawaii International Conference on Systems Sciences (HICSS), 1993-1996, 1998-2001.
Americas Conference on IS (AIS), 1995-1997.
Annual Meeting of the Decision Sciences Institute, 1992.
Group 2001

Other Conference Activities

- Faculty Mentor, Doctoral Consortium, Association for Information Systems, Indianapolis, August, 1997.
- Discussant - 4th Annual Americas Conference on Information Systems, Baltimore, Maryland, August 1998.

- Discussant - International Conference on Information Systems, Cleveland, OH, December 1996.
- Discussant - Workshop on Intelligent Information Agents, Baltimore, MD, December 1995.
- Session Chair - Workshop on Evaluation of Modeling Methods in Systems Analysis and Design, 2001.
- Session Chair & Discussant - First Americas Conference on Information Systems, Pittsburgh, PA, August 1995.
- Session Chair - Fifth Workshop on Information Technology and Systems, Amsterdam, The Netherlands, December 1995.
- Session Co-Chair: Educational Technology Track/Sessions with R.O. Briggs, 10th Anniversary Association of Management Conference, Las Vegas.