

PAULO B. GOES
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Unit 2041 OPIM
University of Connecticut
Storrs, CT 06269
(860) 486 2379

EDUCATION

- 1991 Ph.D., William E. Simon Graduate School of Business Administration
University of Rochester, Rochester NY
Major Field: Computers and Information Systems
- 1987 M.S. Operations Research, University of Rochester
- 1985 M.S. Production Engineering. Concentration: Operations Research
Federal University of Rio de Janeiro, Brazil
- 1979 B.S. Civil Engineering, Federal University of Minas Gerais, Brazil

ACADEMIC POSITIONS

- 2003-present Gladstein Professor of Information Technology and Innovation,
Operations and Information Management, School of Business, University
of Connecticut
- 2005 (Fall) Visiting Professor
Federal University of Minas Gerais, Brazil
- 1996-2003 Associate Professor, Operations and Information Management, School of
Business, University of Connecticut
- 1996-1999 Director of Technology, School of Business Administration,
University of Connecticut.
Responsible for strategic planning, implementation and oversight of IT
infrastructure and support operations on three campuses, 1,500 students
and 200+ faculty and staff.
- 1991- 1996 Assistant Professor, Operations and Information Management, School of
Business Administration, University of Connecticut.

- 1990-1991 Instructor, Operations and Information Management, School of Business Administration, University of Connecticut.
- 1985-1990 Research and Teaching Assistant, William E. Simon Graduate School of Business Administration, University of Rochester.
- 1983-1984 Instructor, Federal University of Rio de Janeiro, Brazil.

NON-ACADEMIC POSITION

- 1979-1982 Junior and Senior Engineer, M.B. Roscoe S/A in Brazil, Construction Management, Planning and Cost Control.

RESEARCH AND OUTREACH CENTERS

- 2005 – present Director of CIDRIS – Center for Internet Data Research and Intelligence Services
Conceptualized proposal and oversees implementation of research center funded by \$400,000 UConn Provost Research Grant. Center sponsors current research and provides platform for grant seeking.
- 2000-present Associate Director of CITI - Connecticut Information Technology Institute, University of Connecticut
Assists in management and oversight of joint university/industry information technology initiative aggregating a variety of academic programs, professional development activities and University/industry partnerships
- 2000-present *edgelab* faculty, co-founder and steering committee member. *edgelab* is a high-level academic-business partnership with GE – General Electric, a business laboratory at UConn-Stamford, where faculty-student teams work side-by-side with GE managers on GE strategic projects. 100+ high level projects have been completed to-date.
- 1999-present Director of the Treibick Electronic Commerce Initiative (TECI), School of Business, University of Connecticut
Conceptualized proposal and implemented \$900,000 endowed initiative to support top-notch research in e-commerce.

ACADEMIC HONORS

2000-present	Gladstein Professorship in Information Technology and Innovation
2006	School of Business Best Paper Award Runner Up
2003	School of Business Research Excellence Award
2002	School of Business Best Research Paper Award for "Bin-CVC – Confidentiality Protection of Binary Data and Inside Threats ", with R. Gopal and R. Garfinkel
2002	School of Business Best Service Contribution Award
2001	School of Business Best Research Paper Award for “Confidentiality via Camouflage: the CVC Approach to Database Security”, with R. Gopal and R. Garfinkel
2001	University Chancellor’s Information Technology Innovation Award for conceptualization and implementation of edgelab, an unique research/teaching partnership with General Electric
2001	School of Business Best Service Contribution Award for work with establishing edgelab with General Electric
1998	School of Business Administration Best Research Paper Award for "Interval Protection of Confidential Information in a Database", with R. Gopal and R. Garfinkel
1997-2000	Larry Ackerman Scholarship
1997	School of Business Administration Best Service Contribution Award
1995	Elected <i>Professor of the Year</i> by the School of Business Administration students
1994	Undergraduate Outstanding Teaching Award, School of Business Administration
1989	The Institute of Management Science College on Information Systems Doctoral Dissertation Award at 10th ICIS, Boston.
1983	Teaching Recognition Honor by the 1983 Production Engineering Class at the Federal University of Rio de Janeiro.

RESEARCH INTERESTS

Information Technology Evaluation, Electronic markets, On-Line Auctions, Database and Datawarehousing Technology and Systems, Database Security and Confidentiality Protection, Technology Infrastructure, Network Design and Performance, Modeling of Complex Production and Information Systems.

JOURNAL PUBLICATIONS

1. "Online Auctions Hidden Metrics: Understanding Unsuccessful Auction Transactions," (with. Y. Tu and Y.A. Tung), forthcoming Communications of the ACM.
2. "Predicting Bidders' Willingness to Pay in Online Multi-Unit Ascending Auctions: Analytical and Empirical Insights" (with R. Bapna, A. Gupta and G. Karuga), forthcoming INFORMS Journal on Computing.
3. "A Practical Approach for Efficiently Answering Top- k Relational Queries," forthcoming Decision Support Systems (with A. Ayanso and K. Mehta).
4. "Periodic Cache Replacement Policy for Dynamic Content at Application Servers", Decision Support Systems, 43(2), pp. 336-348 (2007) (with R. Chiang and J. Zhang)
5. "Moving from Data-Constrained to Data-Enabled Research: Experiences and Challenges in Collecting, Validating, and Analyzing Large-Scale E-Commerce Data, Statistical Science vol. 21, no. 2, 116-130, (2006) (with R. Bapna, R. Gopal and J. Marsden)
6. "Supporting Timely Managerial Decision Making - Methods for Selecting Robust Database Structures with Dynamic Query Patterns", European Journal of Operational Research, (with A. Chen, A. Gupta and J. Marsden), No. 168 (2006)
7. "Pricing and Allocation for Quality-Differentiated Online Services," Management Science Vol. 51, No. 7, July 2005 (with R. Bapna and A. Gupta)
8. "GIST: a Model for Design and Management of Content and Interactivity of Customer-Centric Web Sites", Management Information Systems Quarterly Vol.8 No.2, June 2004 (with T. Albert and A. Gupta)

9. "Database Design in the Modern Organization – Identifying Robust Structures Under Changing Query Patterns and Arrival Rate Conditions", Decision Support Systems Volume 37, No. 3, June 2004, pp. 435-447 (with A. Chen, A. Gupta and J. Marsden)
10. "User Heterogeneity and its Impact on Electronic Auction Market Design: An Empirical Exploration," Vol 8., No.1, March 2004, Management Information Systems Quarterly (with R. Bapna, A. Gupta and Y. Jin)
11. "Replicating Online Auctions to Analyze Auctioneers' and Bidders' Strategies", Information Systems Research vol.14, no. 3, September 2003 (with R. Bapna and A. Gupta)
12. "Analysis and Design of Business-to-Consumers Online Auctions", Management Science vol. 49, no.1, January 2003, pp. 85-101, (with R. Bapna and A. Gupta)
13. "A Query-Driven Approach to the Design and Management of Flexible Database Systems", Journal of Management Information Systems vol. 19, no. 3, Winter 2002-3, pp. 100-121, (with A. Chen and J. Marsden)
14. "Optimal Design of the Online Auction Channel: Analytical, Empirical and Computational Insights", Decision Sciences Vol. 33, no. 4, Fall 2002 (with R. Bapna, A. Gupta and G. Karuga)
15. "Bin-CVC – Confidentiality Protection of Binary Data and Inside Threats", Management Science vol. 48, no. 6, June 2002, pp. 749-764 (with R. Garfinkel and R. Gopal)
16. "Confidentiality Via Camouflage: the CVC Approach to Database Security," Operations Research, vol. 50, no. 3, May-June 2002, pp. 501-516 (with R. Gopal and R. Garfinkel)
17. "Comparative Analysis of Multi-item Online Auctions: Evidence from the Laboratory", Decision Support Systems, vol. 32, no. 2, December 2001, pp. 135-153 (with R. Bapna and A. Gupta).
18. "On-Line Auctions: Insights and Analysis," Communications of the ACM, Vol. 44, no. 11, November 2001, pp. 42-50 (with R. Bapna and A. Gupta).
19. "A Theoretical and Empirical Investigation of Multi-Item On-Line Auctions", Information Technology and Management, Vol. 1, no. 1,2, 2000, pp. 1-24 (with R. Bapna and A. Gupta)
20. "Interval Protection of Confidential Information in a Database", INFORMS Journal on Computing vol.10, no. 3, (1998) (with R. Gopal and R. Garfinkel)

21. "Query Evaluation Management: Design and Prototype Implementation, Decision Support Systems, vol. 19, (1997), pp. 23-42, (with R. Gopal and N.K. Chen).
22. "A Closed Queueing Network Model to Evaluate the Impact of Recovery Operations on the Performance of Database Servers", Journal of the Operational Research Society , 1996, vol. 47, pp. 122-135, (with U. Sumita)
23. "A Stochastic Model for Performance Evaluation of Main Memory Resident Database Systems", INFORMS Journal on Computing , Vol. 7, no. 3, Summer 1995, pp. 269-282.
24. "Stochastic Models for Performance Analysis of Database Recovery Control", IEEE Transactions on Computers., Vol. 44, No. 4, pp. 561-576 (1995) (with U. Sumita)
25. "Analysis of a New Thruway Communication System with Discrete Minimal Zones", IEEE Transactions on Communications, Vol. 40, No. 4, pp 754-764, (1992) (with H. Kawashima and U. Sumita).
26. "Performance Management in Flexible Manufacturing Systems", International Journal of Flexible Manufacturing Systems, Vol. 4, pp. 17-50 (1991). (with P. Schweitzer and A. Seidmann).
27. "Analysis of Effective Service Time with Age Dependent Interruptions and Its Application to Optimal Rollback Policy for Database Management", Queueing Systems: Theory and Applications, Vol. 4, 1989, pp.193-212, (1989). (with U. Sumita and N. Kaio).

REFEREED CONFERENCE ARTICLES

28. "Incentives, Trader Participation, and Information Markets Performance: An Empirical Analysis," WeB 2007, Workshop on eBusiness, Montreal 2007 (with L. Chen, J. Marsden and J. Zhang)
29. "Information Quality and Customer Acquisition: A Risk Management Approach for Private Label Cards," ISIS 2007 – International Symposium on Information Systems, Hyderabad, India, December 2007
30. "A Comparison of Multi-Unit Uniform Auctions and Simultaneous Multi-Unit Auctions: A Theoretical Model and Laboratory Experiment," WISE 2007 – Workshop on Information Systems Economics, Montreal 2007 (with R. Bapna, C. Li and S. Rice)
31. "Characterizing Bidding Behavior in Internet Auctions," NAEC 2007 – Networking and Electronic Commerce Research Conference, Lake Garda, Italy, 2007 (with A. Pereira, L. Rocha and W. Meira)

32. "Analyzing eBay Negotiation Patterns," at WEBIST 07 – Third International Conference on Web Information Systems and Technologies, Barcelona, Spain, March 2007 (with A. Pereira, W. Meira and L. Rocha).
33. "A Hierarchical Characterization Model for Online Auctions," at ICISTM 07 – First International Conference on Information Systems, Technology and Management, New Delhi India, March 2007 (with A. Pereira, W. Meira and L. Rocha).
34. "Reactivity in Online Auctions", Workshop 'Reactivity on the Web' at the International Conference on Extending Database Technology (EDBT 2006), Munich, March 2006 (with A. Pereira and W. Meira)
35. "Business-to-Business Electronic Payments Adoption: An Exploratory Study," CoDE 2005 – Conference on Digital Environments, Shanghai, China, July 2005 (with J. Zhang)
36. "Bidder Behavior In Multi-Unit Online Auctions: An Empirical Exploration," WISE 2002 – Workshop on Information Systems and Economics - Barcelona, Spain, December 2002 (with R. Bapna, A. Gupta and Y. Jin)
37. "Predictive Calibration of Online Multi-Unit Ascending Auctions," WITS 2002 – Workshop on Information Technology and Systems, Barcelona, Spain (with R. Bapna, A. Gupta and G. Karuga)
38. "Optimal Caching Design for Dynamic Web Content", 9th Conference on Information Systems and Technology, San Jose CA, November 2002 (with R. Chiang)
39. "Simulating Online Yankee Auctions to Optimize Sellers Revenue", Thirty-Fourth Hawaii International Conference on System Sciences (HICSS-34), January 2001 (with A. Gupta and R. Bapna)
40. "Online Mercantile Processes for Digital Products under Quality of Service and Uncertain Demand", Workshop on Information Technology and Systems, Brisbane, Australia, December 2000 (with A. Gupta and R. Bapna)
41. "The CVC Approach to Database Security: Binary Confidential Data and Insider Threat", Proceedings in Computational Statistics 2000, COMPSTAT 2000, Utrecht, The Netherlands, August 2000. (with R. Garfinkel and R. Gopal)
42. "Confidentiality via Camouflage: the CVC Approach to Database Query Management", to appear in Proceedings of the Conference on Statistical Data Protection 98, Lisbon, Portugal (1998) (with R. Gopal and R. Garfinkel)
43. "A Database Security Control Model to Provide Interval Protection of Confidential Data", in Proceedings of the 4th Workshop on Information Technology and Systems, WITS 94. (1994) (with R. Gopal and R. Garfinkel).

44. "Performance Tradeoffs in Flexible Manufacturing Systems", Proceedings of 13th International Teletraffic Congress (ITC13), pp. 219-223, Copenhagen, Denmark, June 19-26, (1991), (with P. Schweitzer and A. Seidmann).
45. "Computerized Models for Performance Optimization in FMS", Proceedings of the International Manufacturing Technology Conference, Chicago Illinois, September 1990. (with P. Schweitzer and A. Seidmann).

BOOK CHAPTER

“Stochastic Models for Database Recovery Control” in *Recovery Mechanisms in Database Systems*” eds. Kumar, V. and Hsu, M., Prentice-Hall, 1998.

ARTICLES UNDER REVIEW

“A Cost-Based Optimization of Top-K Query Processing over Relational Databases”, (with A. Ayanso and K. Mehta), Management Science.

“Understanding Willingness to Pay Formation of Repeat Bidders in Online Sequential Auction”, (with G. Karuga and A. Tripathi), Information Systems Research.

“Computational Infrastructure for Auctioning Vertically Integrated Online Services”, with (R. Bapna and A. Gupta), Journal of Management Information Systems.

“Analysis of Business-to-Business Electronic Payments Adoption” (with J. Zhang and R. Bapna), Information Systems Research.

“A Hierarchical Model and Characterization Methodology for Online Auctions,” (with A. Pereira, L. Rocha and W. Meira), Information Technology and Management.

IN PREPARATION

“Real Option Models for Evaluating Emerging Technologies Projects” (with R. Gopal and J. Zhang)

“Bidding Strategies in Sequential Online Auctions” (with G. Karuga and A. Tripathi)

“Information Models for Guiding Web Data Extraction” (with A. Laender)

“Analysis of Overlapping Online Auctions”, (with S-J. Chang, R. Bapna and A. Gupta)

“Efficiency Measures for Online Auctions”, (with B. Krolczyk and R. Bapna)

“Reactivity in Online Auctions”, (with A. Pereira, W. Meira and M. Zaki)

“Seller Heterogeneity in Electronic Marketplaces: An Exploratory Study” (with Y. Tu and A. Tung)

“An Empirical Study on Sellers’ Behavior in Online Auctions” (with Y. Tu and A. Tung)

“Effective Selling Strategies in Electronic Marketplaces: A Data Mining Approach” (with Y. Tu and A. Tung)

“Comparative Studies of Multi-Unit Online Auctions: an Experimental Approach” (with R. Bapna, C. Li and S. Rice)

PH. D. THESIS COMMITTEES

Nai-Kuang Chen (co-chair), currently Assistant Professor at University of Kansas

Ravi Bapna (co-chair), selected to participate in the ICIS Doctoral Consortium, Helsinki 98, currently Associate Professor at Indian School of Business

Kelley Donalds (co-chair), selected to participate in the ICIS Doctoral Consortium, New Orleans, 2001.

Gilbert Karuga (co-chair), currently Assistant Professor at University of Kansas

Anteneh Ayanso (co-chair), selected to participate in the ICIS Doctoral Consortium, Seattle, 2003, currently Assistant Professor at Brock University, Canada.

Peter Tarasewich (committee member), currently Assistant Professor at Northeastern University.

Seok-Joo Chang (co-chair), currently Assistant Professor, SUNY Albany

Yanbin Tu (co-chair), currently Assistant Professor at Robert Morris University.

Bartosz Krolczyk (co-chair), dissertation in progress.

Adriano Pereira (committee member) at Federal University of Minas Gerais, Brazil.

Leonardo Rocha (committee member) at Federal University of Minas Gerais, Brazil.

EDITORIAL SERVICES

Senior Editor (2005 – present) – *Information Systems Research*
Associate Editor (2002 – present) – *Management Science*
Associate Editor (2002-2005) – *Information Systems Research*
Associate Editor (2001 – 2006) – *INFORMS Journal on Computing*
Associate Editor (2003-2007)– *Decision Sciences Journal*
Associate Editor (2006-present) – *Journal of Management Information Systems*
Guest Associate Editor (2006) – *Management Information Systems Quarterly* Special Issue on Design Science
Guest Associate Editor (2005)– *Information Systems Research* Special Issue on Digitally Enabled Extended Enterprise
Guest Associate Editor (2001-2002) – *Management Science* Special Issue on e-Business
Editorial Board (2003-present) *Production and Operations Management*
Editorial Board (2000 – 2006) *Journal of Database Management*
Guest Editor (2005) *Information Technology and Management* special WITS 2004 Issue

PROFESSIONAL SERVICES AND CONFERENCE ORGANIZATION

2007 INFORMS Committee to evaluate *Information Systems Research* Editor-in-Chief Reappointment
2006 Elected President (2007 – 2010) of WITS- Workshop on Information Technology and Systems Organization
INFORMS Information Systems Society Advisor (2007-2010)
Co-chair Third Statistical Challenges in eCommerce Research – SCECR 07 – Stamford, CT
Conference co-chair CIST 2007 – Seattle, WA
ICIS Doctoral Consortium Faculty (2006)
Information Systems Cluster Chair – INFORMS 2006 – Pittsburgh
Conference co-chair WITS 2004 Workshop on Information Technology and Systems
Associate Editor – ICIS 2004 – Information Technology and Systems Track
Auctions Cluster co-chair – INFORMS 2001 – organized 10 sessions with 32 presentations
Liaison for Latin America – WITS 2006, WITS 2005, WITS 2003, WITS 2000, WITS 1999
Program Committee – ER 2006, WITS 2006, WITS 2005, WITS 2003, WITS 2002, WITS 2001, WITS 2000, WITS 99, WITS 98, ICIS 2001, ICIS 1999, ER 2002, ER 2000, INFORMS Computing Society Conference 2003, WEB 2003, CIST 2006, CIST 2005, CIST 2004, CIST 2003
Mini-track co-chair AMCIS 2001
Session Chair – WITS 2003, WITS 99, WITS 98, INFORMS 2000, INFORMS 97, IFORS 93
Session Discussant – ICIS 99

AD HOC REFEREEING

Operations Research, Management Science, Information Systems Research, Management Information Systems Quarterly, Communications of the ACM, Decision Sciences, Production and Operations Management, Journal of Organizational Computing, Decision Support Systems, Naval Research Logistics, IIE Transactions, INFORMS Journal on Computing, IEEE Transactions Systems Man and Cybernetics, Information Technology and Management, Telecommunication Systems, European Journal of Operational Research, Annals of Operations Research, Information Systems Frontiers, Mathematical and Computer Modeling, Computers and Mathematics, Electronic Markets, Foundations of Computing and Decision Sciences, International Conference on Information Systems, Conference on Very Large Database Systems, Workshop on Information Technology and Systems, Statistical Data Protection Conference, Conference on Entity Relationship Modeling, IEEE INFOCON

PRESENTATIONS

Conferences: several each year at WITS, WISE, INFORMS, IFORS, CIST, COMPSTAT, Statistical Database Security, among others.

Invited talks at: Georgia Tech, Indian School of Business, University of South Florida, Oakland University, Arizona State University, University of Kansas, University of California at Irvine, Tsinghua University, China, Fudan University, China, Hefei University of Technology, China, Hong Kong University of Science and Technology, University of Texas at Dallas, Federal University of Minas Gerais - Brazil, University of Washington, Pennsylvania State University, University of Minnesota, UCLA, University of Florida, Indiana University, Sabanci University - Turkey, Northwestern University, University of Rochester, University of Wisconsin, University of Virginia, Western New England College, IBM – Watson Research, General Electric, Development Bank of Minas Gerais, Brazil, among others.

TEACHING INTERESTS

Electronic Commerce and e-business, Data Mining and Business Intelligence, Database Technology and Systems, Client Server Technology, Networking and Data Communications, Programming Languages, Management Information Systems

COURSES TAUGHT

Undergraduate	OPIM 220 <i>Business Software Development</i>
	OPIM 221 <i>Business Database Systems</i>
	OPIM 222 <i>Computer Networks and Data Communication</i>
	OPIM 298 <i>Client-Server Systems</i>
	OPIM 298 <i>Evaluation of E-Business Practices</i>
	OPIM 298 <i>Collaboration Technologies</i>
	OPIM 298 <i>Data Mining and Business Intelligence</i>
MBA	OPIM 300 <i>Evaluation of E-Business Practices</i>
	OPIM 365 <i>Management Information Systems</i>
	OPIM 370 <i>Business Intelligence</i>

OPIM 372 *Database Systems*
OPIM 300 *Collaboration Technologies*

Executive MBA OPIM 300 *Internet Technologies and Server Management*
OPIM 365 *Information Systems for Managers*

Ph.D. OPIM 403 *PhD Seminar in Management Information Systems*
Advanced Database Technology
Analytic Modeling of Information Systems
Data Mining
Group Decision Support (co-taught)

PARTNERSHIPS AND BUSINESS INITIATIVES

Co-Founder and Co-Developer of **edgelab**, a Business Research Laboratory at UConn Stamford, in partnership with General Electric:

9500+ sq.ft **edgelab**, a team-developed and implemented center, includes technology rotunda, technology "sandpit", demonstration lab, and collaborative workspace for 25 students on co-ops, three senior GE managers in-residence at **edgelab**; GE providing \$7.5M+ for space build out and initial operating funds
100+ projects completed since 2000

Since 1999 has established working partnerships with various companies. Developed the partnership model including supervised students working on real e-commerce and business problems for *GE Supply, Lydall, Connecticut Steel, Pitney-Bowes, Talent Partners*.

Organized the Conference *Surviving and Thriving in the E-Business World*, for businesses in the Hartford, CT area. October 1999.

GRANTS AND RESEARCH FUNDING

Establishment of CIDRIS – Center for Internet Data Research and Intelligence Services, UConn Provost Grant Competition – Principal Investigator	\$400,000
Establishment of TECI - Treibick Electronic Commerce Initiative	\$900,000
CIBER 2005, 2006 and 2007 grants – Brazilian Electronic Markets	\$15,000
School of Business Administration Research Grant	Summer 91, 92, 93, 94
Operations and Information Management Research Grant	Summer 95, 96, 97
Oracle Research Grant	\$9,700
1997-1999 Microsoft Teaching Software Grant	\$85,000
1995-1997 Microsoft Teaching Software Grant	\$11,000
1996 UCONN Research Equipment Grant	\$17,000

SERVICE CONTRIBUTIONS

Outside Promotion and Tenure Reviewer

Indiana University, Boston University, University of South Florida, University of Colorado at Denver, Purdue University, Penn State University, University of Texas at Dallas, Notre Dame University, University of Minnesota, University of Maryland, George Mason University, Clarkson University, University of Alberta.

University Level

Elected School of Business Representative to the Graduate Council
CITI - Connecticut Information Technology Steering Committee
GE - UConn **edgelab** Partnership Steering Committee
Teaching and Learning Technologies Committee
Student Laptop Requirement Committee
Year 2000 Compliance Committee
Computer Authentication Committee
Stamford Campus Technology Advisory Committee
Equipment Research Grant Evaluation Committee
School of Business Dean Search Committee
School of Business Dean Evaluation Committee

School of Business Level

Dean's Council (elected faculty representative, 2002-2005)
CIBER – Center for International Business and Economics Research
faculty advisor
Promotion, Tenure and Reappointment Committee
Strategic Planning Committee
MBA Curriculum Committee
Research and Teaching Enhancement Committee
Fox Chair in Finance Recruiting Committee

Departmental Level

Faculty Recruiting (1991-present)
Promotion, Tenure and Reappointment Committee (1996-present)
PhD Program Committee (1993-present)
MIS Curriculum Development (1990-present)
Gladstein MIS Research Lab Coordinator (2002-present)
MIS Internship Program Conceptualization and Coordination (1994-2000)
Information Management Association Faculty Advisor (1990-2000)

PROFESSIONAL ORGANIZATIONS AND HONORS SOCIETIES

INFORMS - Institute for Operations Research and Management Sciences
INFORMS Information Systems Society and e-Business Cluster Member
ACM - Association for Computing Machinery
Beta Gamma Sigma
Delta Sigma Pi

PERSONAL

American Citizen
Married, two children.