

CURRICULUM VITA

Michael W. Totaro, Ph.D.
Associate Professor
Associate Director (Operations)
Informatics Undergraduate and Graduate Programs Coordinator
School of Computing and Informatics

ADDRESS/E-MAIL/PHONE

P. O. Box 41808
Lafayette, LA 70504-1808
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EDUCATION

Doctor of Philosophy, Computer Science, May 2007
The Center for Advanced Computer Studies
University of Louisiana at Lafayette
Lafayette, Louisiana

Dissertation: "Multi-hop Wireless Mesh Networks: Performance Evaluation and Empirical Models"
Directed by: Dr. Dmitri D. Perkins

Master of Science, Telecommunications, December 1999
University of Louisiana at Lafayette
Lafayette, Louisiana

Thesis: "A Hop-By-Hop Credit-Based Flow-Control Algorithm for ATM Networks"
Directed by: Dr. Kia Makki

Master of Business Administration (MBA), December 1988
University of Southwestern Louisiana
Lafayette, Louisiana

Bachelor of Science, Computer Science, December 1982
University of Southwestern Louisiana
Lafayette, LA

TEACHING/ADMINISTRATIVE EXPERIENCE

NOTE: In summer of 2011, I was transferred from the B. I. Moody III College of Business Administration to the Ray P. Authement College of Sciences.

Member of the Graduate Faculty, Level Two (*Five-year term, Spring 2015 – Fall 2019*)

Member of the Graduate Faculty (*Five-year term, Spring 2010 – Fall 2014*)

August 2016
—Present
Associate Professor and Associate Director (Operations)
and M.S Informatics Program Coordinator (May 2017—Present)
School of Computing and Informatics
Ray P. Authement College of Sciences
University of Louisiana at Lafayette

I work with the School of Computing and Informatics faculty, staff, Director, and Associate Director for Research and Graduate Studies, to sustain and advance the School's research & graduate missions and academic & undergraduate missions.

I also teach courses in informatics, computer science, system administration, Linux/UNIX, business intelligence and advanced databases.

May 2015
—August 2016
Associate Professor
School of Computing and Informatics
Ray P. Authement College of Sciences
University of Louisiana at Lafayette

I teach courses in informatics, computer science (Java), system administration, Linux/UNIX, business intelligence and advanced databases.

October 2014
—May 2015
Associate Dean of the Ray P. Authement College of Sciences
and Acting Director of the School of Computing and Informatics
University of Louisiana at Lafayette

The duties of the Acting Director of the School of Computing and Informatics involve the following: Center for Advanced Computer Studies (CACs); Computer Science Undergraduate Program; and Informatics Undergraduate Program.

In addition to coordinating the Informatics Program, I teach courses in Informatics and Systems Administration.

January 2014
—May 2015
Associate Dean and Informatics Program Coordinator
School of Computing and Informatics
Ray P. Authement College of Sciences
University of Louisiana at Lafayette

As Associate Dean, I work closely with the Dean of the Ray P. Authement College of Sciences. This position has a dotted line relationship to the Directors/Department Heads within the Ray P. Authement College of Sciences

and works with them in a collaborative fashion to implement the strategic plan and other initiatives formulated by the Dean. As Associate Dean, I represent the Dean whenever the Dean is unavailable.

The duties of the Associate Dean fall into three main categories: Undergraduate Affairs, Administration and Finance, and Faculty Development. I also perform other duties as assigned.

In addition to coordinating the Informatics Program, I teach courses in Informatics, business intelligence and advanced databases, advanced business computer networks, and management of information technology.

August 2012
—January 2014

Associate Professor of Informatics (Tenured) and Program Coordinator
School of Computing and Informatics
Ray P. Authement College of Sciences
University of Louisiana at Lafayette

In addition to coordinating the Informatics Program, I teach courses in Informatics, business intelligence and advanced databases, advanced business computer networks, and management of information technology.

May 2011
—August 2012

Assistant Professor of Informatics and Program Coordinator
School of Computing and Informatics
Ray P. Authement College of Sciences
University of Louisiana at Lafayette

In addition to coordinating the Informatics Program, I teach courses in Informatics, business intelligence and advanced databases, advanced business computer networks, and management of information technology (Graduate class: BSAT 518, Fall 2011)

Summer 2011

Acting Department Head
Department of Business Systems, Analysis, and Technology
B. I. Moody III College of Business Administration
University of Louisiana at Lafayette

Summer 2010

Acting Department Head
Department of Business Systems, Analysis, and Technology
B. I. Moody III College of Business Administration
University of Louisiana at Lafayette

Summer 2009

Acting Department Head
Department of Business Systems, Analysis, and Technology
B. I. Moody III College of Business Administration
University of Louisiana at Lafayette

August 2007 to
December 2011

University of Louisiana at Lafayette
B. I. Moody III College of Business Administration
Assistant Professor (Tenure-track)
Department of Business Systems, Analysis, and Technology

Teach courses in information systems, business intelligence and advanced databases, advanced business computer networks, business process reengineering, systems analysis and design, and management of information technology (Graduate class).

August 2004 to
August 2007

University of Louisiana at Lafayette
B. I. Moody III College of Business Administration
Visiting Lecturer
Department of Business Systems, Analysis, and Technology

Taught courses in microcomputer applications/e-commerce in business, information systems/information technology (IS/IT), business process reengineering, computer networking, and production and operations management.

August 2002 to
August 2004

University of Louisiana at Lafayette
B. I. Moody III College of Business Administration
Instructor of Business Systems, Analysis, and Technology

Taught courses in microcomputer applications/e-commerce in business, information systems/information technology (IS/IT), business process reengineering, and computer networking.

June 1996 to
July 2001

University of Louisiana at Lafayette
College of Business Administration
Instructor of Business Systems, Analysis, and Technology

Taught courses in microcomputer applications in business, information technology, business data communications, e-business, management and total quality; also teach computer-related courses for UL Lafayette, Advanced Technology Training. Faculty advisor for the Student Chapter: Association of Information Technology Professionals (AITP)

August 1994 to
June 1996

St. Thomas More Catholic High School, Lafayette, Louisiana
Teacher/Computer Consultant

Taught theology and accounting—sophomores, juniors, and seniors; computer consultant in school library computer lab; also provided technical advice to the school's Technology Committee.

PROFESSIONAL AFFILIATIONS, CERTIFICATIONS, AND HONORS

Professional Member, Association of Computing Machinery (ACM)

Professional Member, ACM Special Interest Group on Simulation and Modeling (SIGSIM)

UL Lafayette Foundation Eminent Faculty Award: 2017 Dr. Ray P. Authement Excellence in Teaching Award

A recipient of the 2017 Ray P. Authement College of Sciences Outstanding Teacher Award

UL Lafayette Award for Excellence in Academic Advising, 2017 Academic Year (Received 2018)

UL Lafayette Award for Excellence in Academic Advising, 2015 Academic Year (Received 2016)

UL Lafayette Award for Excellence in Academic Advising, 2012 Academic Year (Received 2013)

UL Lafayette Award for Excellence in Academic Advising, 2011 Academic Year (Received 2012)

UL Lafayette Award for Excellence in Academic Advising, 2007 Academic Year (Received 2008)

The Times of Acadiana, Best UL Professor, 2008

John T. & Sandra B. Landry Award for Teaching Excellence (Received 2007)

UL Lafayette Award for Excellence in Academic Advising, 2006 Academic Year (Received 2007)

UL Lafayette Award for Excellence in Academic Advising, 2005 Academic Year (Received 2006)

B. I. Moody III College of Business Administration Advising Award (Received 2005)

John T. & Sandra B. Landry Award for Teaching Excellence (Received 2003)

RESEARCH AND INTELLECTUAL CONTRIBUTIONS

REFEREED JOURNAL ARTICLES

"Gender Differences in the Effects of Internet Access on Work Absenteeism in the US" by Wesley Austin and Michael W. Totaro. *International Journal of Business and Social Science*, Volume 8, Number 8, 2019. (Listed in Cabell's; Blind review; Acceptance rate: 25-35%).

"Developing a Method to Value the Collection of Big Data" by Colleen Carraher Wolverton, Brandi N. Guidry Hollier, Michael W. Totaro, and Lise Anne D. Slatten. *International Journal of Strategic Decision Sciences (IJSDS)*, Volume 10 (Number 1) 2019.

"Computing and Network Systems Administration, Operations Research, and System Dynamics Modeling: A Proposed Research Framework" by Michael W. Totaro *Journal of Systemics, Cybernetics and Informatics (JSCI)*, Volume 14, Number 6, 2016, pp. 83-88. SSN: 1690-4524 (Online)

<http://www.iiisci.org/journal/sci/issue.asp?is=ISS1606>

(Two-Tier: Traditional Double-Blind Review/Non-Blind Review; Acceptance rate: Best 20%-25% from Proceedings of IMCIC-2016).

"Business Students' Performance in Undergraduate Business Statistics: Is There Really a Connection to Mathematical Skills?" by John R. Tanner, Thomas C. Noser, Michael W. Totaro, and Thanh-Ngoc Pham. *Journal of Business and Economic Perspectives (JBEP)*, Volume XLIII, Number 2, Fall/Winter 2016, pp. 76-87. (Listed in Cabell's; Blind review; Acceptance rate: 25%).

“The Advanced Database Course and the IS 2010 Model Curriculum: An Experiential Approach to Learning,” by Michael W. Totaro and Brandi N. Guidry. *International Journal of Information and Operations Management Education (IJIOME)*, Volume 5, Number 2, 2013 (Listed in Cabell’s; Blind review; Acceptance rate: 11-20%).

“MIS Students and the Systems Analysis and Design Course Project: A Proposed Experiential Approach,” by Brandi Guidry and Michael Totaro. *International Journal of Innovation and Learning*, Volume 13, No. 2, 2013. (Listed in Cabell’s; Blind review; Acceptance rate: 11-20%).

“Survey Research Response Rates: Internet Technology vs. Snail Mail,” by Patricia A. Lanier, John R. Tanner, Michael W. Totaro, and Gavin Gradnigo. *Journal of Business, Industry, and Economics (JOBIE)*, Volume 18, Spring 2013. (Listed in Cabell’s; Blind review; Acceptance rate: 11-20%). **Note: This paper was presented in 2009 and published in the “Proceedings of the 2009 Meeting of the Academy of Business Disciplines.” All presented papers at this conference were subsequently published in a later volume of this journal.**

“Business Simulation Games: Effective Teaching Tools or Window Dressing?” by John R. Tanner, Geoffrey Stewart, Michael W. Totaro, and Melissa Hargrave. *American Journal of Business Education*, Volume 5, Number 2, March/April 2012 (Listed in Cabell’s; Blind review; Acceptance rate: 11-20%).

“The Systems Analysis and Design Course: An Educators’ Assessment of the Importance and Coverage of Topics” by Brandi Guidry, David Stevens, and Michael Totaro. *Journal of Information Systems Education*, Volume 22, Number 4, Winter 2011 (Listed in Cabell’s; Blind review; Acceptance rate: 20%).

“High School Students’ Academic Performance and Internet Usage,” by Wesley Austin, and Michael W. Totaro, *Journal of Economics and Economic Education Research*, Volume 12, Number 1, 2011, pp. 41-54. (Listed in Cabell’s; Blind review; Acceptance rate: 21-30%)

“Convention Center Management: A Systems Analysis & Design Course Project” (Teaching Case), by Brandi N. Guidry and Michael W. Totaro, *Journal of Information Systems Education*, Volume 22, Number 1, Spring, 2011, pp. 15-17 (Listed in Cabell’s; Blind review; Acceptance rate: 20%)

“Assessing IT Critical Skills and Revising the MIS Curriculum,” by David Stevens, Michael Totaro, and Zhiwei Zhu, *Journal of Computer Information Systems*, Volume 51, Number 3, Spring 2011, pp. 85-95. (Listed in Cabell’s; Blind review; Acceptance rate: 10-15%)

“Gender Differences in the Effects of Internet Usage on High School Absenteeism,” by Wesley Austin and Michael Totaro, *Journal of Socio-Economics*, Volume 40, 2011, pp. 192-198. (Listed in Cabell’s; Blind review; Acceptance rate: 25%).

“The SOA Platform for Small and Medium Businesses: A Conceptual Framework,” by Michael W. Totaro, Sonya H.Y. Hsu, and Zhiwei Zhu, *International Journal of Business and Systems Research*, Volume 5, Number 1, 2011, pp. 22-34. (Listed in Cabell’s; Blind review; Acceptance rate: 11-20%)

“Math Skills and Undergraduates' Performance in Business Statistics: A Relationship Analysis,” by John Tanner, Michael W. Totaro, Thanh-Ngoc Pham, and Thomas Noser, *International Journal of Education Research*, Volume 4, Number 3, Fall 2009, pp. 127-139. (Listed in Cabell’s; Blind review; Acceptance rate: 15%)

“Business School Administrators’ and Faculty Perceptions of Online Learning: A Comparative Study,” by John R. Tanner, Thomas C. Noser, and Michael W. Totaro, *Issues in Innovation*, Volume 3, Issue 1, 2009, pp. 102-124. (Listed in Cabell’s; Blind review; Acceptance rate: 21-30%)

“Business Faculty and Undergraduate Students’ Perceptions of Online Learning: A Comparative Study,” by John R. Tanner, Thomas C. Noser, and Michael W. Totaro, *Journal of Information Systems Education*, Volume 20, Number 1, 2009, pp. 29-40. (Listed in Cabell’s; Blind review; Acceptance rate: 21-30%)

"Business School Administrators’ Perceptions of Online Learning,” by John R. Tanner, Thomas C. Noser, Michael W. Totaro, and Markashia Bruno, *International Journal of Education Research*, Volume 4, Number 1, 2009, pp. 40-54. (Listed in Cabell’s; Blind review; Acceptance rate: 15%)

“How Business Students Spend Their Time—Do They Really Know?” by John R. Tanner, Geoffrey Stewart, Glenn Maples, and Michael W. Totaro, *Research in Higher Education Journal*, Volume 3, May 2009, pp. 76-84. (Listed in Cabell’s; Blind review; Acceptance rate: Less than 25%)

“MIS Faculty Perceptions of IT Certifications,” by John Tanner, Michael W. Totaro, and Patricia A. Lanier, *Business Research Yearbook: Global Business Perspectives*, Volume XVI 2009, Number 1, pp. 343-348. (Listed in Cabell’s; Blind review; Acceptance rate: 40%)

“Student Perceptions of the Online ‘Classroom’: An Update,” by John R. Tanner, Thomas C. Noser, Michael W. Totaro, and Rachelle Birch, *International Business & Economics Research Journal*, Volume 5, Number 10 (October 2006), pp. 31-38. (Listed in Cabell’s; Blind review; Acceptance rate: 11-20%)

“Faculty Perceptions of Distance Education Courses: A Survey,” by Michael W. Totaro, John R. Tanner, Thomas Noser, Jeanne Fuselier Fitzgerald, and Rachelle Birch, *Journal of College Teaching & Learning*, Volume 2, Number 7 (July 2005), pp. 13-20. (Listed in Cabell’s; Blind review; Acceptance rate: 11-20%)

"Factors Associated With Faculty Perceptions of MIS and IT Journal Quality,” by Daniel G. Hotard, John Tanner, Stanley J. Smits, and Michael W. Totaro, *Journal of Business and Economic Perspectives*, Volume XXX, Number 2, Fall/Winter 2004, pp. 41-51. (Listed in Cabell’s; Blind review; Acceptance rate: 21-30%)

“Differing Faculty Perceptions of Research and Teaching Emphasis,” by Dan Hotard, John Tanner, and Michael W. Totaro, *Educational Research Quarterly*, Volume 27, No. 4, June 2004, pp. 9-22. (Blind review)

“The Online ‘Classroom’: Differences in Perception Between Business Students and Non-Business Students,” by John Tanner, Thomas Noser, Jeanne Fuselier, and Michael W. Totaro, *Journal of College Teaching & Learning*, Volume 1, Number 3 (March 2004), pp. 37-43. (Listed in Cabell’s; Blind review; Acceptance rate: 11-20%)

“The Online ‘Classroom’: What Do Students Think?” by John R. Tanner, Thomas Noser, Jeanne Fuselier, and Michael W. Totaro, *Journal of Informatics Education Research*, Volume 6, Number 1 (Spring 2004), pp. 43-54. (Listed in Cabell’s; Blind review; Acceptance rate: 30%)

“Effects of Information Technology on the Business World,” by Ihssan Alkadi, Ghassan Alkadi, and Michael W. Totaro, *Human Systems Management*, Volume 22, Number 3 (2003), pp. 99-103. (Listed in Cabell’s; Editorial review; Acceptance rate: 21-30%)

“CPA’s and Electronic Survey Media,” by Marc A. Giullian, Marcus D. Odom, and Michael W. Totaro, *The Review of Business Information Systems*, Volume 7, Number 1 (Winter 2003), pp. 103-108. (Listed in Cabell’s; Blind review; Acceptance rate: 11-20%)

"Developing Essential Skills For Success In The Business World: A Look At Forecasting," by Marc A. Giullian, Marcus D. Odom, and Michael W. Totaro., *The Journal of Applied Business Research*, Volume 16, Number 3 (Summer 2000), pp. 51-61. (Listed in Cabell’s; Blind review; Acceptance rate: 6-10%)

"Accounting Students' Preparation and Skills: A Faculty Perspective," by John R. Tanner, Michael W. Totaro, and Thomas E. Wilson, Jr., *Journal of Accounting and Finance Theory*, Volume 7, Number 2 (Fall 1999), pp. 37-42.

"Research Productivity and Teaching Effectiveness: MIS Faculty," by John Tanner, Michael Totaro, and Dan Hotard, *The Journal of Computer Information Systems*, Volume XXXIX, Number 4 (Summer 1999), pp. 8-15. (Listed in Cabell’s; Blind review; Acceptance rate: 10-15%)

"Faculty Perspectives of Accounting Students: How Have They Changed Over the Past Decade?," by John R. Tanner, Michael W. Totaro, and Thomas E. Wilson, Jr., *The Journal of Accounting and Finance Research*, Volume 7, Number 1 (Summer 1999), pp. 120-124.

"New Technology in Survey Research: Does It Improve Response Rates?" by Marcus D. Odom, Marc Guillian, and Mike Totaro, *The Review of Accounting Information Systems*, Volume 3, Number 1 (Winter 1998/1999), pp. 27-34.

"Accounting Educators' Perceptions of Accounting Students' Preparation and Skills: A 10-Year Update," by John R. Tanner, Michael W. Totaro, and Thomas E. Wilson, Jr., *The Journal of Education for Business*, Volume 74, Number 1 (September/October 1998), pp. 16-17. (Listed in Cabell’s; Blind review; Acceptance rate: 25%)

"Information Systems Laboratory: Analysis, Design, and Implementation," by Michael Totaro, Judy Seymour, and Judy Edwards, *Louisiana Business Education Journal* (now entitled *Journal of Business and Training Education*, listed in Cabell’s; Blind review; Acceptance rate: 30%), Volume 1 (Spring 1991), pp. 5-18.

REFEREED PROCEEDINGS AT ACADEMIC CONFERENCES/MEETINGS

“Computing and Network Systems Administration, Operations Research, and System Dynamics Modeling: A Proposed Research Framework,” by Michael W. Totaro, Accepted for presentation and publication in Proceedings of the 7th International Multi-Conference on Complexity, Informatics and Cybernetics: IMCIC 2016, Orlando, Florida, March 8-11, 2016. (*Note: This paper was among the best 20%-25% of the papers presented. On January 28, 2017, I received notification that it was selected for inclusion in a forthcoming issue of the Journal of Systemics, Cybernetics and Informatics, JSICI.*)

“Basic Mathematical Skills and Undergraduates’ Performance in a Business Statistics Course: A Relationship Analysis,” with John R. Tanner, Thomas C. Noser, and Thanh-Ngoc Pham (McNair Scholar), Accepted for presentation and publication in Proceedings of the 2009 Meeting of the Academy of Business Disciplines, Ft. Myers Beach, Florida, November 5-7, 2009.

“Survey Research Response Rates: Internet Technology vs. Snail Mail,” with John R. Tanner, Patricia Lanier, and Gavin Gradnigo (McNair Scholar), Accepted for presentation and publication in Proceedings of the 2009 Meeting of the Academy of Business Disciplines, Ft. Myers Beach, Florida, November 5-7, 2009. (*Note: All papers presented at the conference were also later published – Spring 2013, in this case – in the associated journal, Journal of Business, Industry, and Economics.*)

“Simulation Games and Methods: Business Faculty Perceptions,” with John R. Tanner, Geoffrey Stewart, and Melissa Hargrave (McNair Scholar), Accepted for presentation and publication in Proceedings of the 2009 Meeting of the Academy of Business Disciplines, Ft. Myers Beach, Florida, November 5-7, 2009.

“An Analysis of the Relationship between Math Skills and Undergraduates’ Performance in Business Statistics,” with John R. Tanner, Thomas C. Noser, and Thanh-Ngoc Pham (McNair Scholar), Accepted for presentation and publication in Proceedings of the International Academy of Business and Public Administration Disciplines (IABPAD) Conference 2009, April 23-26, Dallas, Texas.

“Changing Undergraduate Business Students’ Perceptions About Learning Mathematics Through a Redesigned Finite Mathematics Course,” with Kathleen Lopez and Lee Price, Accepted for presentation and publication in Proceedings of the International Academy of Business and Public Administration Disciplines (IABPAD) Conference 2009, April 23-26, Dallas, Texas.

“Thailand as a Tourist Destination: What Do International Travelers Think?” with Jerome Agrusa, Wendy Agrusa, and John Tanner, Accepted for presentation and publication in Proceedings of the International Academy of Business and Public Administration Disciplines (IABPAD) Conference 2009, April 23-26, Dallas, Texas.

“MIS Faculty Perceptions of IT Certifications,” with John Tanner and Patricia Lanier, Accepted December 2008 for presentation and publication in Proceedings of the International Academy of Business Disciplines 2009 Conference, St. Louis, Missouri, April 2 – 4, 2009.

“How Business Students Spend Their Time—Do They Really Know?” with John Tanner, Geoffrey Stewart, Glenn Maples, and Michael Gaines (McNair Scholar). Accepted for presentation and publication in Proceedings of the Allied Academies International Conference, Reno, Nevada, October 15 – 17, 2008.

“Business School Administrators’ and Faculty Perceptions of Online Learning: A Comparative Study,” with John Tanner, Thomas C. Noser, and Markashia Bruno (McNair Scholar). Accepted for presentation and publication in Proceedings of the Allied Academies International Conference, Reno, Nevada, October 15 – 17, 2008.

“Perceptions of Online Learning by Business School Administrators,” with John Tanner, Thomas C. Noser, and Markashia Bruno (McNair Scholar). Presented and published in Proceedings at The International Academy of Business and Public Administration Disciplines (IABPAD) Spring Conference, Dallas, Texas, April 24 – 27, 2008. (Served as Session Chair: Distance Learning/Training Session)

“Student Perceptions of the Online “Classroom”: An Update,” with John Tanner, Thomas C. Noser, and Rachelle Birch (McNair Scholar). Proceedings of the 2006 College Teaching & Learning Conference, Orlando, Florida USA, January 2-6, 2006.

“Using Statistical Design of Experiments for Analyzing Mobile Ad Hoc Networks,” with Dmitri D. Perkins, in Proceedings of the 8th ACM/IEEE International Symposium on Modeling, Analysis and Simulation of Wireless and Mobile Systems (MSWiM), pp. 159-168, October 10-13, 2005, Montreal, Canada.

“Faculty Perceptions of Distance Education Courses: A Survey,” with John Tanner, Thomas Noser, Jeanne Fitzgerald, and Rachelle Birch (McNair Scholar). The 2004 College Teaching & Learning Conference, Las Vegas, Nevada, October 4-8, 2004.

“Information Technology in the Business World: Through the Years and Beyond!” with Ihssan Alkadi and Ghassan Alkadi. The 2004 European Applied Business Research Conference, Edinburgh, Scotland, June 14-18, 2004.

“The Online ‘Classroom’: Differences in Perception between Business Students And Non-Business Students,” with John Tanner, Thomas Noser, and Jeanne Fuselier. The 2003 International Business & Economics Research Conference, Las Vegas, Nevada, October 6–10, 2003. Received Best Paper Award.

“Effects of Information Technology on the Business World,” with Ihssan Alkadi and Ghassan Alkadi, The 7th World Multiconference on Systemics, Cybernetics and Informatics (SCI 2003), Orlando, Florida (USA), July 27-30, 2003.

“Business Process Reengineering and Key Emerging Telecommunications Technologies: A Slight Paradigm ‘Realignment’,” with Brandi Guidry-Hollier, 2001 International Business & Economic Research Conference, Reno, Nevada, October 2001.

“A Comparison of Productivity and Performance of Management and MIS Faculty,” with Daniel Hotard and John Tanner, 2000 National Conference of Production and Operations Management Society, San Antonio, Texas, April 2000.

"An Expert System for the Construction of a Hedged Portfolio," with Spuma Rao and Leo M. Alleman, Proceedings of the 1994 Academy of Business Administration Global Business Trends Conference, 1994.

PEER REVIEWED PAPER PRESENTATIONS AT ACADEMIC CONFERENCES/MEETINGS

"Survey Response Rates of Accounting Faculty: Regular Mail, E-Mail and Web Form," with Marc Guillian and Marcus Odom, 1999 Southwest American Accounting Association Regional Meeting, March 10-13, 1999.

"Faculty Perspectives of Accounting Students: How Have They Changed Over the Past Decade?" with Thomas E. Wilson and John Tanner, Annual Meeting of The American Academy of Accounting and Finance, December 3-5, 1998.

"Accounting Students' Preparation and Skills: A Faculty Perspective," with Thomas E. Wilson and John Tanner, Annual Meeting of the Midsouth Association of Accounting and Finance, October 1998.

"Survey Response Rates by Accounting Professionals: Snail Mail vs. Web-form," with Marc Guillian and Marcus Odom, 1998 American Society of Business and Behavioral Sciences meeting, February 20-26, 1998.

"Forecasting: Increasing Importance in the Undergraduate Accounting Curriculum?" with Marc Guillian, 1998 American Society of Business and Behavioral Sciences meeting, February 20-26, 1998.

"William Stanley Jevons: Select Contributions to Knowledge," Working Paper, Academy of Economics and Finance 24th Annual Meeting, February 1997.

RESEARCH GRANTS AND CONTRACTS

"Survey of Data Science," NSF FastLane Proposal 1504958," Co-PI with Diane Fisher (PI), Peter Sheppard (Co-PI), and Meesook Lee (Co-PI). Submitted on 10/22/14. (STATUS: **Not funded**)

"Multi-Industry Semantic Discovery Tool Sets for Data Integration, Data Warehousing, and E-Science," Yuan An (Drexel), Michael Totaro (ULL), Chaomei Chen (Drexel), Tony Hu (Drexel), Weimao Ke (Drexel), Jason Li (Drexel), Xia Lin (Drexel), Michelle Rogers (Drexel), Vijay Raghavan (ULL), Il-Yeol Song (Drexel), and Wu Xu (ULL); Funded project (July 2012 – Jun 2013), Center for Visual and Decision Informatics (CVDI): An NSF Industry/University Collaborative Research Center, University of Louisiana at Lafayette, Drexel University; \$132, 200 (funded).

"Events-Planning Modeling and Simulation: Application of System Dynamics," Summer Research Award (2009).

"Developing Multidisciplinary Lean Manufacturing Course through Virtual Reality and Inquiry-Based Learning," BORSF, \$154,239 Co-PI, with Suren Dwiveldi (PI), BORSF Multidisciplinary (2009-10), \$139,957 (funded).

"Strengthening the Analytical Thinking and Mathematical Decision-Making Skills of Business Students in a Finite Mathematics Course," Co-PI, with Kathleen Lopez (PI) and Lee Price (Co-PI), LEQSF (2008-09)-ENH-TR-55, \$80,359 (funded).

NON-REFEREED PROFESSIONAL/PUBLIC/TRADE PUBLICATIONS

"Business On-Line," USL Business Assets, Michael W. Totaro, Fall 1997, Volume 1.

"Local Area Networks: Topologies and Implications," Michael W. Totaro, The Bulletin Board, Louisiana Association of Business Educators, Volume 14, Number 1, October 1990.

"Are Networked PCs for You?" Michael W. Totaro, USL Business Commentary, Volume 2, Number 3, September 1990.

PRESENTATIONS AT NON-ACADEMIC MEETINGS

"Insights into IT," Presenter, sponsored by South Louisiana Community College IT Club, February 6, 2013, South Louisiana Community College, Ardoin Building, Lafayette, Louisiana.

"Moving Technology Forward in Nonprofit Organizations," Teacher/Presenter, sponsored by the Stuller Family Foundation, January through May 2008; August through November 2008. (Group met once monthly for two-hour sessions.)

"General Web Page Design" Azalea Chapter, IAAP, July 12, 2000.

"Emerging Technologies for Office Professionals," Azalea Chapter, IAAP, 25th Annual Seminar, February 3, 1999.

"Internet Marketing and Web Site Development," with Lawrence Scheuermann, USL College of Business Administration: People's Business Seminar, February 10, 1999.

"The Corporate Web," with Abigail Ransonet, USL Business and Alumni Lifetime Learning Seminar Series, March 20, 1998.

"The Internet—What It's All About," with Melanie Meche, Acadiana Small Business Development Center, June 10, 1997.

PAPERS UNDER REVIEW FOR ACADEMIC JOURNALS OR CONFERENCES

RESEARCH IN-PROGRESS

"Fairchild's Medical Supply Company: An Information Systems Course Project," by Brandi Guidry Hollier and Michael Totaro. Submitted for review January 20, 2015 to: *International Journal of Information and Operations Management Education*. (Listed in Cabell's; Blind review; Acceptance rate: 11 - 20%). (REJECTED)

“The Graduate Information Systems Course Project: A Proposed Experiential Approach,”
by Brandi Guidry and Michael Totaro.

OTHER FUNDED GRANTS AND CONTRACTS

“Virtual Desktop Infrastructure (VDI) for Undergraduate Students: School of Computing
and Informatics,” Michael W. Totaro, Student Technology Enhancement Program
(STEP), University of Louisiana at Lafayette; \$18, 187.10 (Funded: 2012).

“Cajun Card Access for F.G. Mouton 207 BSAT Lab,” Michael W. Totaro, Student
Technology Enhancement Program (STEP), University of Louisiana at Lafayette; \$3,900
(Funded: 2009).

PROFESSIONAL DEVELOPMENT ACTIVITIES

RESEARCH STAFF MEMBER

Center for Visualization and Decision Informatics (CVDI)
An NSF Industry/University Collaborative Research Center
University of Louisiana at Lafayette, Drexel University

REVIEW OF BOOK FOR PUBLISHER

IT for Management, 8th Edition, by Linda Volonino and Efraim Turban, Wiley, 2010.

Information Technology and Management, Second Edition, by Ronald L. Thompson and
William L. Cats-Baril, McGraw-Hill/Irwin, 2003.

REVIEW OF MANUSCRIPTS FOR JOURNALS

Communications of the Association for Computing Machinery (CACM)

“How We Stopped Worrying about Teaching Traditional Programming to
Information Systems Students,” April 12, 2012.
Systems Research and Behavioral Science (SRBS)

“Analysis of Threshold Values of Semantic Structure Analysis Method in
Identifying the Causal Relationships,” August 15, 2011.

Journal of Informatics Education Research

“Assessing MIS Program Admission Criteria,” March 13, 2005
“The Effects of Online Versus Face-to-Face Course Delivery on Performance
and Satisfaction,” September 2, 2004.

Journal of Computer Information Systems

“Consumers’ Multi-Motives on Knowledge Sharing Behaviors in the Online
Brand Community: The Moderating Effect of Trust,” November 20, 2009.

“Combining Qualitative and Quantitative Results to Create Content and Design Metrics for Web Sites,” September 19, 2009.

“An Empirical Study of the Differences of User Perception in ERP Phases between Two ERP Implementations of an Organization,” August 14, 2009.

“Empirical Analysis of Software Piracy in Japan and Vietnam: An Exploratory Study,” June 25, 2009.

“The Role of User Perceptions in Information Systems Appraisal,” May 3, 2009.

“Understanding HRM Practices and Source of IT Capability in Motivating IT Usage,” April 3, 2009.

“Integrating TTF and UTAUT to Explain User Adoption of Mobile Banks,” January 15, 2009.

“Online and Offline Social Ties of Social Network Website Users: An Exploratory Study in Eleven Societies,” November 15, 2008.

“Analyzing the Factors That Affect Information Systems Use: A Task Technology Fit Meta-Analysis,” September 15, 2008.

“A Suggested Curriculum for CIS Departments,” August 4, 2008.

“High Availability With ORACLE 11G Data Guard,” May 27, 2008.

“The Relationship Between User Participations and System Success: A Review of Empirical Research,” March 31, 2008

“Concept-Guided Query Expansion for Knowledge Management with Semi-Automatic Knowledge Capturing,” January 31, 2008.

“An Empirical Study of User Acceptance of Fee-Based Online Content,” December 14, 2007.

“A Histogram Based Speaker Identification Technique,” October 29, 2007.

“On Embedding Test Patterns into Low-Power BIST Sequences,” August 28, 2007.

“Adoption and Use of Information Systems Technology In A Business-Format Franchise,” March 28, 2007.

PROFESSIONAL ACTIVITIES – PARTICIPATION AT MEETINGS AND CONFERENCES - PROGRAM COMMITTEE, DISCUSSANT, PANEL MEMBER, SESSION CHAIR, ETC.

“The Changing Life-Cycle of America’s Youth: A Test of Arnett’s Theory of Emerging Adulthood,” Dissertation Defense, Doctor of Education in Educational Leadership, Lauren A. Menard, March 16, 2010; Graduate Faculty Representative (Outside Observer).

“A Discussion of the Communications Needs and Possibilities for Public Safety,” Masters Project, Telecommunications, Robert Kent Young, May 2006; Served on committee.

“Perceptions of and Motivations for Student Cheating at The University of Louisiana at Lafayette,” Honors Baccalaureate Thesis, Sarah E. James, May 2005; Served on committee.

BUSINESS EXPERIENCE (PRACTITIONER)

CONSULTING ACTIVITIES

August 1999 to
July 2001 Information Technology Consulting

Developed comprehensive Information Technology Architecture Plan for The Schumacher Group, Lafayette, Louisiana

February 1985 to
April 1985 Information Technology Consulting
Acadia Parish School Board, Rayne, Louisiana

Part-time Instructor of introductory microcomputer classes offered to elementary and secondary schoolteachers in the parish. The main objective of these courses was to help teachers develop a basic understanding of computer and programming concepts.

INDUSTRY WORK EXPERIENCE: FULL-TIME

August 2001 to
June 2002 Director of Information Technology Group
A Division of Broussard, Pochè, Lewis & Breaux, LLP

Responsible for the management, planning, and coordination of all operations of the division; this includes management of a staff of seven technical and non-technical personnel.

August 1989 to
August 1994 University of Southwestern Louisiana, Lafayette, Louisiana
College of Business Administration
Operations Manager, Microcomputer and Information Systems Laboratories
Adjunct Instructor (summer semesters), Management Information Systems

Responsibilities included the following:

- Manage two microcomputer laboratories, both of which were Ethernet-based local area networks (LANs). Total number of nodes maintained: approximately 80. (Responsible for the design and implementation of 1 of the 2 labs.)
- Developed and maintained two, 8-segment LANs for the faculty (total number of nodes: approximately 80)
- Provided computer seminars and workshops for faculty and staff

- Participated in the development of a Multimedia-based computer network
- During the summer sessions, I taught junior-senior level course in management information systems to business students

April 1989 to
August 1989

Aquaculture Technologies, Ltd., Lafayette, Louisiana
Manager, Computing and Information Systems

Designed the firm's IT architecture; deployed IT infrastructure. Hardware platform consisted of a local-area network (LAN) configured with a single 80386-based file server and several 80286-based user workstations. This hardware platform provided primary support for the firm's automated accounting system.

May 1986 to
April 1989

Lou Ana Foods, Inc., Opelousas, Louisiana
Programmer/Analyst

Responsible for the analysis, design, and implementation of software systems (mostly financial), which were specific to the manufacturing operations of the organization.

Major projects included the following:

- Development of a software system that computes the optimal loading sequence of products on large trucks (based on an algorithm developed by one of the organization's statisticians)
- Development of the firm's automated Product Contribution System
- Project Leader for the firm's Truck Routing/Tracking System
- Provided training to microcomputer users in the organization
- Programming languages used: DIMENSION (4-GL)

October 1984 to
May 1986

MCC Systems, Inc., Lafayette, Louisiana
Programmer

Responsible for the analysis, design, and implementation of: (1) computer-based, supervisory control and data acquisition (SCADA) systems; and (2) database management systems (DBMSs). Other responsibilities included: interfacing of IBM-PC microcomputers with IBM Series/1 minicomputer system. Languages used were EDXL (a macro-assembler language), FORTRAN, and BASIC.

January 1984 to
September 1984

Chart House, Inc., Lafayette, Louisiana
Programmer/Analyst

Designed and maintained computer software for corporate accounting. Platform was a loosely-distributed computer network that consisted of eight Honeywell DPS/6 GCOS systems, each located in different parts of the continental U.S. Also was responsible for evaluating microcomputer hardware/software. Primary language was COBOL.

February 1983 to
December 1983

Medical Information Systems, Inc., Lafayette, Louisiana
Programmer/Analyst

Responsible for the design and development of turnkey medical software systems, used mainly by small clinics and hospitals. Duties included: software design, implementation, and support; documentation; user-system interface; troubleshooting; software enhancements; user training; co-worker training. Language used was Pascal; hardware platform was a Texas Instruments TI-990 minicomputer.

INDUSTRY WORK EXPERIENCE – PART-TIME

May 1982 to February 1983 USL Conference Center, Lafayette, Louisiana
Student Programmer (part-time)

Designed and implemented software for the Accounting Department; worked between 25-30 hours per week. Programming languages used were COBOL and PL/I.

OTHER – PLEASE SPECIFY

“A Survey of E-business Programs at AACSB-Affiliated Business Schools,” Harlan Etheridge, Kathy H. Y. Hsu, Thomas E. Wilson, Jr., the second of an e-business survey series sponsored by AACSB – The International Association for Management Education, AACSB eCommerce Meeting, June 2001. (My Contribution: Developed Web survey)

“E-business Instruction and Scholarship at AACSB-Affiliated Business Schools: Deans’ Perspectives,” Harlan Etheridge, Kathy H. Y. Hsu, Thomas E. Wilson, Jr., the first of an e-business survey series sponsored by AACSB – The International Association for Management Education, AACSB Annual Meeting, March 2001. (My Contribution: Developed Web survey)

INSTITUTIONAL, COMMUNITY, MILITARY SERVICE

UNIVERSITY COMMITTEES AND LEVEL OF SERVICE

Information Technology Advisory Council (Chair, Fall 2015 – December 2017)
University General Education Committee, Member (and Chair Fall 2013 – Spring 2016)
Parking Planning Committee, Member (concluded end of Spring 2015)
Distance Learning Leadership Council (Fall 2011 – Summer 2015), Ray P. Authement College of Sciences representative
Advising Awards Selection Committee, Member (2008-2011)

TASK FORCES/SPECIAL PROJECTS

Task Force (December 2014 – April 2015): Study James R. Oliver Hall Space, Member IT Rapid Action Team (Gen Ed Subcommittee), Co-Chair

Task Force (Spring 2011): Explore issues pertaining to possible Informatics Program and/or School, Member IT Rapid Action Team (Gen Ed Subcommittee), Co-Chair

NEW COURSE DEVELOPMENT

Part of IT Rapid Action team (see above) that developed UNIV 200 course proposal

COLLEGE COMMITTEES AND LEVEL OF SERVICE

Chair of the College's Recruiting, Assessment, and Promotion (RAP) Team (since 2014)

Dean's Representative, Science Day/SMART Festival Committee (Chair, since January 2015)

Informatics Program Coordinator (May 2011-May 2014)

IT Committee, Chair (Moody College, Spring 2011)

BSAT Dept. representative on Dean's (Moody College) Strategy & Planning Council, Member (Spring 2011)

NEW COURSE DEVELOPMENT

INFX 101, Informatics Fundamentals (Fall 2011)

INFX 440, Advanced Network Infrastructures (Fall 2012)

INFX 435, Business Intelligence and Advanced Databases (Spring 2013)

INFX 450, Systems Administration and Maintenance (Fall 2013)

INFX 499, Special Topics: Application Solutions Using Java (Fall 2015)

DEPARTMENTAL COMMITTEES AND LEVEL OF SERVICE

BSAT Department Acting Department Head, Summer 2011

BSAT Department Acting Department Head, Summer 2010

BSAT Department Acting Department Head, Summer 2009

Academic Committee, Member

Curriculum Committee, Member

Recruiting Committee, Member

ADVISING

Currently responsible for 52 advisees (as of 12/31/2015)

Reduced advising (beginning January 1, 2014), due to new role as Associate Dean

Currently responsible for 83 advisees (as of 1/27/2012)

Advising holds lifted (2010) = 97 students (includes MGMT undergraduates)

Advising holds lifted (2011) = 107 students (includes both MIS and INFX undergraduates)

COMMUNITY

Sacred Music Coordinator: St. Peter Roman Catholic Church, Carencro, Louisiana (includes directing choir)

- *Works with pastor and coordinators of various liturgy groups within parish*

President: Saint Albert the Great Lay Dominican (Third Order) Group, Lafayette, Louisiana (USA).

Southern Dominican Laity, Province of St. Martin de Porres, Roman Catholic.