

Thomas G. Groleau, Ph.D.

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EDUCATION

Ph.D. (1995) University of Kentucky, Gatton College of Business and Economics

Area: Decision Science and Information Systems

M.S. Operations Research (1991) University of Kentucky - College of Arts and Sciences

B.A. Mathematics (1985) St. Norbert College

CURRENT POSITION

University of Kentucky, Gatton College of Business and Economics

- Director of the Business Analytics Center: Responsible for all matters related to the administration, growth, and development of analytics programs and curriculum in the Gatton College.
- Lecturer, Business Analytics

PREVIOUS POSITION

Carthage College (1999-2021)

Division Chair

- **Business Division** (2013-2015): Founding chair for new division with two departments (Management/Marketing and Accounting/Finance). Responsible for creating strategic vision; recruiting an outside advisory committee; leading the development of new programs; and exploring business-specific accreditation.
- **Social Science Division** (2010-2013): Oversaw six departments - Business Administration, Economics, Political Science, Psychology, Social Work, and Sociology.

Department Chair

- **Management and Marketing Department** (2020-present), **Business Administration Department** (2004-2010): Responsibilities include program assessment and reporting; strategic planning; budgeting; hiring adjuncts; scheduling classes; observing and evaluating junior faculty; overseeing curriculum and catalog content; approval of transfer courses; grade appeals; managing endowed scholarship awards; coordinating with first-year advisors; and coordinating with the Office of Adult Undergraduate Studies.

Faculty

- **Professor** (2013-Present, Associate 2004-2013, Assistant 1999-2004): Current courses include Business Analytics (graduate and undergraduate), Data Visualization, Business Statistics, and Operations Management. Teaching covers both traditional and non-traditional students and formats.

Committee/Service Work: Academic Program Review Task Force, Office of Continuing Studies Advisory Committee (Chair), Chapman Executive in Residence Program Director, Academic Senate, Faculty Representative to the Board of Trustees, Retention Task Force, Campus Tech Fellow, Quantitative Reasoning Task Force, Curriculum Planning Committee (Chair), Heritage Oversight Committee, Student Faculty Judicial Review Committee, Social Science Division Secretary.

OTHER ACADEMIC EXPERIENCE

- UW-Parkside, Kenosha WI (2007), MBA adjunct faculty
- Bethel College, Mishawaka IN (1996-1999) Business Division full-time undergraduate and MBA faculty.
- Ferris State University, Big Rapid MI (summer 1999) College of Business adjunct faculty.
- University of Kentucky, Lexington KY (1995-1996) Gatton College of Business and Economics full-time undergraduate and MBA faculty.
- Lexington Community College, Lexington KY (1993-1995) Department of Mathematics adjunct faculty.
- Hortonville High School – Mathematics and Computer Science teacher (1985-1987), Hortonville, WI

INDUSTRIAL EXPERIENCE

- CitizenDS, Delaware (2021-present), Chief Operating Officer
- CMS Management Services, South Bend IN (summer 1999) C++ Programmer.
- Greentree Applied Systems, Lexington, KY (Summer 1996) FoxPro programmer.
- Kentucky Utilities, Lexington, KY (1987-1989) COBOL and Easytrieve programmer.

ADVISORY WORK FOR

- Racine County Economic Development Corporation, Sturtevant WI
- Milwaukee 7 Regional Economic Development Campaign, Milwaukee, WI
- Salem Grade School Technology and Educational Review Committees, Salem WI
- Aptar Group, Mukwonago, WI
- De Vroomen Holland Garden Products, Russell IL
- Westosha Lakes Church, Paddock Lake, WI
- AgriDevEd, Banyo, Cameroon

PUBLICATIONS

“Faculty Transformations from teaching Wicked Geography Problems: a decade-long journey of transdisciplinary teaching between Business and Geography” with J. Rivera, *Journal of Geography in Higher Education*, January 2021

“Analytics will NOT save OR/MS”, *OR/MS Today -Issues in Education*, Vol 46, No 4, August 2019

“The Modern Farmers’ Market: The Role of the “Anchor Vendor” in Technology Usage and Adoption” (Abstract), with T. Ruffalo and M. Salerno, *The Journal of Food Distribution Research*, Vol 50, No 1, March 2019

“Technology Readiness and Adoption at Kenosha Harbor Market”, with T. Ruffalo and M. Salerno, *Proceedings of the 2019 Meeting of the Southeast Decision Sciences Institute*, February 2019, Savannah, GA

“Undergraduate Research and Applied Business Statistics”, with J. Rivera, Chapter 15 in *Course-Based Undergraduate Research: Educational Equity and High-Impact Practice*, 2018

“Analytics Reveal: Opportunity Hidden in Numbers”, *Carthaginian*, Vol 92, No 3, Spring 2013

“Southeast Wisconsin: Economic Problems and Promise”, Report of the A.W. Clausen Center for World Business, (contributing author), June 2008

“Tour de France Winners (Can Lance win Six?)”, *Journal of Statistics Education Data Archive*, Posted January 2003

“Dutch Delight (Case Study)”, *Proceedings of the 33rd Annual Meeting of the Decision Sciences Institute*, November 2002, San Diego, CA

“Zarco, Incorporated: A Deming-Inspired, Opening Day Operations Management Experiential Learning Activity”, with K. Watson and T. Polito, *Proceedings of the 2002 Meeting of the Southeast Decision Sciences Institute*, February 2002, Hilton Head, SC

“Fact, Fiction or Prediction: An Integrative Lecture for Information Systems Classes”, *Proceedings of the 2000 CBFA Annual Conference*, October 2000, Buffalo NY

“Spreadsheets will NOT save OR/MS”, *OR/MS Today -Issues in Education*, Vol 26, No 1, February 1999

“Liberal Arts and Business Studies: Friends or Foes”, with B. Lemler, *Proceedings of the 1998 CBFA Annual Conference*, October 1998, Langley B.C.

Book Review: Ethics in Modeling, *Interfaces*, Vol 28, No 1, January-February 1998

“LINA: The Life Insurance Needs Analyst”, educational video for *Decision Support Systems: A Knowledge Based Approach* by C. W. Holsapple and A. B. Whinston, West, ST. Paul, MN. 1996. Video edited by C. W. Holsapple, Wenhong Luo, and Kenneth S. Sims

“The Four P’s of Consulting”, *APICS the Performance Advantage – The Consultant’s Forum*, Vol 6, No 7, July 1996

Software Review: “Scientific Workplace”, *ORMS Today*, Vol 23, No 2, April 1996

“Workload Balance: An Alternative Goal in Cell Formation”, with J. Bernardo, *Proceedings of the 26th Annual Meeting of the Decision Sciences Institute*, Boston MA, November 1995

“Marketing Life Insurance with Expert Systems”, *Kentucky Initiative For Knowledge Management*, Research Paper #47, DSIS Department, College of Business and Economics, University of Kentucky, Lexington KY, 1993

“The Effect of a Waiting Time Criterion on the Quality of Tissue Match in Cadaveric Kidney Transplants - Phase II”, with J. Bernardo, *Proceedings of the 24th Annual Meeting of the Decision Sciences Institute*, Washington D.C., November 1993

PRESENTATIONS

“Business Statistics as a Course-Based Undergraduate Research Experience (CURE)”, with J. Rivera, *50th Annual Meeting of the Decision Sciences Institute*, New Orleans, LA, November 2019, Invited presentation on the Data and Statistics Instruction (DASI) track

“Specifications Grading in Business Statistics”, with J. Rivera, *50th Annual Meeting of the Decision Sciences Institute*, New Orleans, LA, November 2019, Invited presentation on the Data and Statistics Instruction (DASI) track

“Building Assessment into Course-based Undergraduate Research Experiences (CURE)”, with J. Rivera, Council on Undergraduate Research Conference, July 2018, Crystal City, VA

“Excel is Great – Until it isn’t”, INFORMS 2017 Annual Meeting, October 2017, Houston, TX

“Alternate Framework for Analytics Education”, INFORMS 2016 Annual Meeting, November 2016, Nashville, TN

“Pimp My Spreadsheet”, INFORMS 2014 Annual Meeting, November 2014, San Francisco, CA

“Spreadsheet Templates for Teaching Business Statistics”. INFORMS 2013 Annual Meeting, October 2013, Minneapolis, MN

“Spreadsheet Shifting Sands: Is There an App for That?”, INFORMS 2012 Annual Meeting, October 2012, Phoenix, AZ

“Interdisciplinary Student Research in Data Mapping and Statistics”, with J. Rivera, Council on Undergraduate Research Conference, June 2012, Trenton, NJ

“Lessons and Failures at Plastic Injection Molding, Inc.” (Poster Session) INFORMS Conference on Business Analytics and Operations Research, April 2011, Chicago, IL

“Data Driven Decisions”, Presented to the Aptar Beauty Executive Board, March 25, 2010, Schaumburg, IL

“Pre-Analytics with Cash for Clunkers”, INFORMS 2010 Annual Meeting, November 2010, Austin, TX

“Lies, Damn Lies, and Statistics”, Presented to the Seaquist Closures Executive Board, July 23, 2009

“Using PivotTables in Business Statistics”, INFORMS 2008 Annual Meeting, October 2008, Washington, D.C.

“GIS and Business Statistics”, INFORMS 2008 Annual Meeting, October 2008, Washington, D.C.

“The Emerging Competition from Within”, Emerging Trends in Business Education, IACBE Annual Meeting, April 2008, Newport Beach, CA

“A Statistics and Geography Clustered Pair Experiment at Carthage College”, INFORMS 2006 Annual Meeting, November 2006, Pittsburgh, PA

“Using Mock Debates in the Classroom to Explore Ethics and Intellectual Property Rights”, INFORMS 2005 Annual Meeting, November 2005, San Francisco, CA

“Why Are You Here? A Study of Foreign Investment in the Midwest U.S.”, IFORS (International Federation of Operations Research Societies) 2005 Triennial Meeting, July 2005, Honolulu, HI

“Pareto Analysis: What is it and why should you care?”, Presented at the De Vroomen Holland Garden Products annual sales meeting, November 11, 2001, Zion IL

“Fact, Fiction or Prediction: An Interactive Lesson for Information Systems Classes (with Initial Data Collection)”, INFORMS 2000 Annual Meeting, November 2000, San Antonio TX

“Y2K: How Concerned Should You Be? (Hint: not much)”, Presentation made at Evangelical Free Churches in Antioch IL (January 1999), South Bend IN (March 1999), and Itasca IL (May 1999)

“An Inventory Management Game”, Sponsored Session, INFORMS Spring 1999 Meeting, May 1999, Cincinnati OH

“Teaching Business in Century 21”, Faculty Development Panel, CBFA Annual Conference, October 1997, Nashville, TN

“The Effect of a Waiting Time Criterion on the Quality of Tissue Match in Cadaveric Kidney Transplants - Phase I” TIMS/ORSA Joint Meeting, May 1993, Chicago IL

SERVICE IN THE DISCIPLINE

- Reviewer for *Business Analytics* (3e), Camm, Cochran, et al. (2019)
- Session Chair and Panel Moderator, INFORMS 2016, Nashville, TN
- Editorial Board member of the *International Journal of Business Analytics* (2012-present)
- Vice-President of the Spreadsheet Productivity Research Interest Group (SPRIG) subsection of INFORMS (2011-2013)
- Member of outside review team for Gustavus Adolphus College’s Business and Economics Department (April 2011)

- Member of IACBE Accreditation Team for on-site evaluation of McKendree College (October 2006)
- Reviewer for the *Journal of Statistics Education* (2002-2004)
- Reviewed textbook chapters for on multivariate statistics for Pearson/Prentice Hall (March 2010)