Teresa M. Starzecki, DBA

teresa.starzecki@salve.edu | (401) 341-3175

EMPLOYMENT & TEACHING EXPERIENCE

Salve Regina University (IACBE): "Assistant Professor of Business Analytics" - *Instruct undergraduate Business Research Methods, Ic3 Gs5 Certification: Internet and Computing Core Certification, Microsoft Certified App Specialist, Continuous Time Finance, Business Analytics, Excel Modeling and Analysis I and II, Risk Management, and Financial Management classes. Overhauled all the above classes to increase rigor and integrate analytical tools and technology. Tasked with examining state of analytics and technology in the current curriculum and adjust course offerings as needed – led creation and teaching of the Business Analytics, Excel Modeling and Analysis I and Excel Modeling and Analysis II courses of which the first two were initially offered Fall 2023 and are now required of majority of business students and created graduate Data Visualization for Business course. Create class materials including lectures, in-class work, quizzes, exams, additional study material, etc. Maintain a class syllabus and assignment/grading log. Meet with students and advisees for extra help and career and academic advice.Recognized by Certiport as an Outstanding Educator (Spring 2023 and 2024) for students placing as top-scoring candidates in Rhode Island during the Spring Qualifier in both Microsoft PowerPoint and Word. (Fall 2022 – Present)*

Salve Regina University (IACBE): "Graduate Program Director - M.S. in Organizational Transformation and Leadership" - *Oversee and guide the creation and implementation of the M.S. in Organizational Transformation and Leadership. Ensure high academic standards and student learning objectives will be fulfilled in the program in conjunction with IACBE accreditation standards. (June 2024 – Present)*

Trinity University (AACSB): "Visiting Assistant Professor for Finance and Decision Sciences"- *Instruct undergraduate Statistics for Business & Economics, Fundamentals of Information Systems, International Finance, and Spreadsheet-Based Modeling and Data Analysis classes. Advise both finance and business analytics and technology students. Create class materials including lectures, in-class work, quizzes, exams, additional study material, etc. Maintain a class syllabus and assignment/grading log. Meet with students for extra help. Teach courses in a blended format with students meeting both in-person and online. (Fall 2020 – Spring 2022)*

NorthPage Inc.: "Marketing Operations Specialist"- *Part-time. Recruit and coordinate offshore testing team; Manage service provisioning and contractor communication, feedback, payment, and optimization. (January 2022 – June 2022)*

Sacred Heart University (AACSB): "Adjunct Professor of Finance"- *Instructed undergraduate Financial Management class. Created class materials including lectures, in-class work, quizzes, exams, additional study material, etc. Maintained a class syllabus and assignment/grading log. Met with students for extra help. (Spring 2020, Spring 2019)*

NorthPage Inc.: "Manager"- *Led, managed, and trained both off-shore and onsite team members in conducting digital marketing research testing and creating in-depth insight reports for lead digital teams at consulting companies such as Adobe, BCG, Deloitte, IBM, and McKinsey & Company. Managed all client projects. Introduced and managed new offshore payroll structure. (July 2019-May 2020)*

NorthPage Inc.: "Research Analyst"- *Conducted competitive research testing of digital marketing assets for companies. Created in-depth insight reports to lead digital teams at consulting companies such as Adobe, BCG, Deloitte, IBM, and McKinsey & Company in assisting their clients. Trained and led offshore team members and internal interns. (Full-time: July 2017- July 2019, Intern: July 2016-July 2017 & July-August 2014)*

Birinyi Associates: "Research Assistant"- *Researched stock market data, compiled analytical market reports, created graphs and timelines modeling stock market predictions vs. actual stock market performance, researched stock market outlooks & newsletters to determine stocks worthy of investment, entered and filed customer banking information. (December 2013-January 2014)*

EDUCATION

Sacred Heart University (AACSB), Fairfield, CT
Doctor of Business Administration in Finance, August 2020
Coursework Includes: Advanced Corporate Finance, Price Theory, Advanced Statistics and Mathematical Modeling, Global Financial Markets & Institutions, Business Strategy, Ethics and Research, etc.

Università della Svizzera italiana, Lugano, Switzerland
Master of Science in Finance, July 2017
Coursework Includes: Accounting, Financial Econometrics, Risk Management, Statistics, Derivatives, etc.

University of Connecticut, Storrs, CT
Bachelor of Science in Applied Physics & *Minor in Mathematics,* May 2015
Coursework Includes: Quantum Physics, Applied Linear Algebra, Multi Variable Calculus, etc.
Awards/Honors: UConn Varsity Scholar Athlete Honoree, UConn Athletics Dean's List

RESEARCH & PRESENTATIONS

Published Paper: *"Thrash to the Onion Patch: Boat-length and the Newport to Bermuda Race results" (with Adam Witham and Brian Leite). Sports Economics Review. Accepted 29 October 2023.*

Presentation*: IACBE Region 1 Conference Panel Presentation on Innovation and Technology in Business Education. December 27, 2023. (with Myra Edelstein and Sam Sacco).*

**Working *Paper:* "*Does Introducing Futures Markets Affect Currency Variance Forecasts? Evidence from Asian Markets." (with W. Keener Hughen, Loran Chollete, and Weijia Peng). Submitted.*

Working Paper: *"Bucks or Berks? Assessing Favorableness on the River at the Henley Royal Regatta" (with Adam Witham and Brian Leite). Submitted.*

Presentation: *"Bucks or Berks? Assessing Favorableness on the River at the Henley Royal Regatta". The Association of Private Enterprise Education. International Conference. Cancun, Mexico. April 16-18 2023.*

Working Paper: *"Nobel Prizes and Economic Freedom" (with Adam Witham and Brian Leite)*

Working Paper: *"Freedom and Games? A Look at Economic Freedom and the Olympic Games" (with Adam Witham and Brian Leite)*

Presentation: *"Freedom and Games? A Look at Economic Freedom and the Olympic Games". The Association of Private Enterprise Education. National Conference. Las Vegas, Nevada. April 7-9 2024.*

Working Paper: *"O Canada! Economic Freedom of the Provinces and Entrepreneurial Activity." (with Adam Witham and Brian Leite)*

Doctoral Dissertation: *"The Impact of the Introduction of FX Futures on the Volatility of Underlying Asian Emerging Market Currencies". Supervisor: Dr. W. Keener Hughen (Sacred Heart University, Fairfield, Connecticut – July 2020)*

Master's Thesis: *"A Study of Derivatives and Their Role in Financial Crises". Supervisor: Dr. Giovanni Barone Adesi (Università della Svizzera italiana, Lugano, Switzerland – June, 2017)*

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RESEARCH INTERESTS

Research Interests Include: *derivatives, emerging markets, sports analytics, sports economics, volatility, financial crises, international markets & institutions, microfinance, and behavioral finance*

FIELD WORK & SPECIAL PROJECTS

Siemens – Finance Leadership and Development Program (FLDP) Internship: *Built a relationship with Siemens, a leading technology company focused on industry, infrastructure, transport, and healthcare, at the Microsoft Excel Collegiate Challenge (MECC) in December 2023 for which they were a sponsor of. Through this connection, Siemens sent 3 executives to Salve to host a two-day recruitment process for business students where we hosted an informational session regarding the FLDP Internship, a meet & greet session, and a second day for individual first-round interviews. Siemens decided to invite 6 of our students to second round interviews – out of thousands of applications only 80 across the U.S. are invited to this round. 3 of these students were chosen in the end as interns and accepted the positions – 10% of overall internship cohort. Led all preparation of students for the interview process including resume overhauls and preparation and etiquette sessions. Coordinated visit and have set a return of Siemens in Spring 2025 for an informational session and another 2-day visit in Fall 2025 for another recruiting event.*

Microsoft Excel Collegiate Challenge: *Built a relationship (Partner School) with the Microsoft Excel Collegiate Challenge (MECC) which allowed Salve to take three MGT-030: Excel Modeling and Analysis I students to compete as a team at the MECC in Tucson, AZ. (Competition: December 2023).*
    December 2024: 3 Salve students from MGT-031: Excel Modeling and Analysis II attended and competed as a team, and 1 of 3 qualified and competed as an individual, at the MECC in Las Vegas, NV. The team ranked 12th in the end while the individual ranked 27th out of 100.

Compass Summer Program: *Co-organized a two-week Compass Summer Program on "Business Analytics" in conjunction with the Newport Gulls. Students learned about the history of the team, met with head of operations at both the corporate and field sites, and learned to collect, manipulate, and analyze sports data in Excel and Tableau and create a deliverable for the client. (Newport, Rhode Island, Summer 2024)*

Admissions Project: *Co-analyzed admissions data to target demographics of potential students who have not been previously identified by the Salve Regina University admissions team. (Newport, Rhode Island, Summer and Fall 2023)*

Cost per Enrollment Project: *Co-analyzed graduate marketing data and created a model to calculate cost per enrollment of graduate students at Salve Regina Unversity. (Newport, Rhode Island, Summer 2023-Fall 2024)*

Compass Summer Pilot Program: *Co-organized a two-week Compass Summer Pilot Program on the "Historical and Modern Sports of Newport" in conjunction with the Tennis Hall of Fame. Students learned about the history of tennis, met with a tennis pro, and learned to collect, manipulate, and analyze sports data in Excel, Stata, and Tableau. (Newport, Rhode Island, Summer 2023)*

Portsmouth Dog Park: *Created a survey with Business Research Methods students to collect data on dog park attendees and their habits in the local community. Conducted in-person surveys. (Portsmouth, Rhode Island, Fall 2022)*

Field Group Project: *"The Pricing of Services in the Wealth Structuring Business": Created a new pricing model for services in the wealth structuring business for the firm Lopag (Ruggell, Liechtenstein, 2017)*

SKILLS & ACTIVITIES

Languages: *Fluent English, Fluent Polish*

Computer: *Microsoft Access, Excel (Microsoft Office Specialist: Excel Associate and Expert certification), PowerPoint, SQL, and Word, Tableau Desktop and Prep, and R*

PROFESSIONAL AFFILIATIONS

Financial Management Association (FMA): *Member since 06/24/2019*

The Association of Private Enterprise Education (APEE): *Member since 09/12/2022*

Council for Undergraduate Research (CUR): *Member since 08/22/2022*

PROFESSIONAL DEVELOPMENT

Microsoft Excel Expert (Microsoft 365 Apps) Certification: *Excel Expert certification earned. The expert certification validates advanced skills in creating and managing professional spreadsheets for specialized tasks, including customizing Excel for various project needs. Demonstrates expert-level competency, enabling individuals to independently apply Excel's core features in professional settings. (Newport, Rhode Island, August 15, 2024).*

Active Cell & Microsoft Excel Collegiate Challenge: *Attended with 3 Salve students for hands-on sessions on various MS Excel and financial modeling beginner and intermediate level topics and MECC competition (Las Vegas, Nevada, December 2-4, 2024).*

The Association of Private Enterprise Education Conference (APEE): *Attended the economics conference and presented on a panel focused on Extensions of Economic Freedom (Las Vegas, Nevada, April 7-9, 2024).*

Leverage the MECC in Your Classroom: *Attended a webinar to learn how to incorporate high-level Microsoft Excel problems into courses to further students' ability to problem solve. (Online, February 16, 2024)*

IACBE Region 1 Conference: *Attended day-long working session regarding IACBE accredation standards. (Newport, Rhode Island, December 26, 2023).*

The Association of Private Enterprise Education Conference: *Attended the international economics conference and presented on a panel focused on Lesser Discussed Sports. (Cancun, Mexico, April 16-18, 2023).*

WISE Multiplier Summit: *Attended the day-long summit which involved different speaker sessions, case studies, and expertise sharing in the area of sports and analytics amongst executive-level women. (Boston, Massachusettes, March 2, 2023)*

MIT Sloan Sports Analytics Conference: *Attended the intensive two-day conference on innovative trends in business and analytics with an international focus on sports, diversity, and technology. (Boston, Massachusettes, March 3-4, 2023)*

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SERVICE & ENGAGEMENT

Economics Search Committee: *Served as a member on the Economics Search Committee to help identify the best candidate for a tenure-track position in Economics at Salve Regina Univeristy. Evaluated candidate applications, took part in initial screening interviews via Zoom and on-campus interviews. (Newport, Rhode Island, Fall 2024)*

Curriculum Committee: *Review and evaluate all curriculum matters in accordance with university protocols and Faculty Assembly to advise the Provost. Vice-Chair (Fall 2024-Current). (Newport, Rhode Island, Fall 2023 - Current)*

Faculty Assessment Advisory Board: *Serve as a member representing graduate faculty to review, evaluate, and brainstorm new solutions on all curriculum assessment matters in accordance with university protocols. (Newport, Rhode Island, Fall 2024 - Current)*

Microsoft Excel Collegiate Challenge (MECC): *Attended the conference with 3 Salve students who competed in the MECC as a team (Tucson, Arizona, December 1-4 2024).*

Meet Your Major Event: *Attended and spoke to Business & Economics department first-year students regarding classes, majors, and future goals: both academic and career. (Newport, Rhode Island, September 4, 2024)*

Marketing Search Committee: *Served as a member on the Marketing Search Committee to help identify the best candidate for a tenure-track position in Marketing at Salve Regina Univeristy. Evaluated candidate applications, took part in initial screening interviews via Zoom and on-campus interviews. (Newport, Rhode Island, Fall 2023)*

Open House/Admissions Day: *Presented in a panel for the Business department to prospective students and spoke with individual students on future goals (Newport, Rhode Island, February 17 and April 23 2023 and February 16, April 6, and April 28, 2024)*

Business Administration Restructuring Committee: *Served as a member on the Business Administration major restructuring committee. Met to discuss and will later implement changes to the major to better integrate Mercy and liberal art values. (Newport, Rhode Island, Fall & Spring 2022 & Fall 2023)*

Mercy Faculty Forum: *Participated in a mission integration series where we discussed shared readings and reflected on ways in which the Mercy mission is present in our own teaching, research, service, and leadership to the Salve Regina University community. (Newport, Rhode Island, October 7 & November 4, 2022)*

McAuley Movers: *Assisted Salve Regina University Freshman moving into dormitories. (Newport, Rhode Island, September 2, 2022)*

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COURSES – SALVE REGINA UNIVERSITY

Excel Modeling and Analysis I: *Developed (New Course) & Taught - This rigorous hands-on course aims to prepare students for the Microsoft Excel Associate Certification exam with the use of challenges and case studies via the Microsoft Excel Collegiate Challenge, to hone advanced software skills and prepare students to analyze complex scenarios.* (Fall 2023, Spring 2024, Fall 2024).

Excel Modeling and Analysis II: *Developed (New Course) & Taught - This rigorous hands-on course aims to prepare students for the Microsoft Excel Expert Certification exam with the use of challenges and case studies via the Microsoft Excel Collegiate Challenge to hone advanced software skills and prepare students to analyze complex scenarios. At the end of the workshop, three students will be given the chance to travel to and compete in the finals of the Microsoft Excel Collegiate Challenge, in Las Vegas, NV, against other universities and college students. MGT-030 or Microsoft Excel Associate Certification is required.* (Fall 2024).

Risk Management: *Prepared & Taught (Significantly Updated) - This course explores risk assessment and management techniques, methods, and models used in industry to minimize, control, and communicate risks, including conducting various risk management protocols, providing a thorough introduction to risk management and insurance. The ability to identify/anticipate, measure, financially and operationally manage, mitigate and communicate risk exposures as a portfolio is essential to business success. As such, this course provides a basis for further exploration for those potentially entering into fields such as risk management, insurance, financial engineering, enterprise risk management, accounting, auditing (internal and external), and operations.* (Fall 2024).

Data Visualization for Business: *Developed (New Course) & Taught - This course exposes students to data analytics, information visualization, and data storytelling for evidence-based decision making in business. Foundational business analytics content is covered, including communicating strategic and ethical business decisions for diverse audiences. appropriate messaging and understanding human biases. With the use of Tableau, a highly regarded business intelligence and analytics software, students will gain hands-on experience through the creation of data visualizations and dashboards..* (Fall 2024).

Business Analytics: *Developed (New Course) & Taught - In this course, students will learn how analytics informs strategic business decisions. The course provides students with an awareness and basic utility of the tools, terminology, and concepts used in the world of business analytics. Students will learn why analytics is important in various business sectors, how to collect data, gain a basic introduction to applications and concepts used in analyzing data, and learn to interpret results to derive insights that will increase profitability and overall business function. Emphasis is placed on concepts and interpretation rather than application and calculations. This knowledge can be applied in many fields, including but not limited to marketing, banking, hospitality, healthcare, retail, manufacturing, non-profits, entrepreneurship, and finance.* (Fall 2023, Spring 2024).

Internet and Core Computing Certification: *Prepared & Taught (Significantly Updated) - This course prepares students to sit for the IC3 computer literacy exam and introduces them to computer technology and concepts. The course maps to the IC3 standards and is organized into three key components: Computing Fundamentals, Key Applications, and Living Online. It provides thorough instruction on the various uses of the computer, important accessories, networking principles and covers key applications such as word processing, spreadsheets, and presentation applications. In addition, Internet and Computing Core Certification covers e-mail and Internet principles such as managing e-mail and contacts, searching for a topic online, and how computers affect everyday life. Class laboratory sessions help students review material and reinforce important topics covered in classroom lectures and allow students to demonstrate their knowledge of the material.* (Fall 2022).

Microsoft Certified App Spectialist: *Prepared & Taught (Significantly Updated) - The Microsoft Certification Class provides a time-tested, integrated approach to learning using task-based, results-oriented learning strategies, exercises based on realistic business scenarios, complete preparation for Microsoft Office Specialist (MOS) certification, comprehensive coverage of skills from the basic to the expert level, and a review of core-level skills provided in expert-level guides. Junior or senior academic standing is required.* (Spring 2023, Fall 2023, Spring 2024).

Business Research Methods: *Prepared & Taught (Significantly Updated) - Business Research largely focuses on obtaining and analyzing information to help solve managerial problems. The quality of business decisions is largely dependent on the information available to the decision-maker. The purpose of this course is to provide students with a complete understanding of business research spanning problem identification to construction of professional deliverables.* (Fall 2022, Spring 2023, Spring 2024).

Continuous Time Finance: *Prepared & Taught (Significantly Updated) - This course will begin with Brownian motion, stochastic integration and Ito's formula from stochastic calculus. This framework is used to develop the Black-Scholes option pricing formula and the Black-Scholes partial differentiation equation. Additional topics will include credit risk, simulation, and expected utility maximization.* (Spring 2023).

Financial Management: *Prepared & Taught - This course introduces students to the principles of financial management, and their use in optimizing the value of the organization to stakeholders. The role of financial managers as decision makers and members of the senior management team is explored. Basic analytical methods and computations used in reaching sound short term as well as long-term financial decisions will be presented. The course emphasizes the importance of effectively applying financial skills in all areas of management as well as in one's personal life. Additionally, students learn about capital markets, risk and return, capital structure, methods of determining stock and bond valuations and international aspects of financial management.* (Fall 2023).

COURSES – TRINITY UNIVERSITY

Fundamentals of Information Systems: *Prepared & Taught - Systems theory, information quality, decision making, and the organizational role of information systems are introduced. Information technology including computing and telecommunications systems, are stressed. Concepts of organizations, information systems growth, and process improvements are introduced.* (Fall 2020, Spring 2021, Fall 2021, Spring 2022).

Statistics for Business and Economics: *Prepared & Taught - Applications of statistical techniques to business and economics. Sampling, tests of hypotheses, regression and other statistical techniques and their implementation using modern statistical software.* (Fall 2020).

International Finance: *Prepared & Taught - This course emphasizes the study of the global exchange rate and associated derivatives markets with particular emphasis on foreign risk hedging; the study of financial equilibrium relations and their effects on the international capital markets, and the potential arbitrage opportunities that result in the absence of equilibrium; and the use of case studies to illustrate the application of theoretical tools on the multinational corporate environment.* (Spring 2021).

Spreadsheet Based Modeling and Data Analysis: *Taught - Spreadsheet software is widely used to manipulate, explore and analyze data across the enterprise. This hands-on course will sharpen your analytical and software skills and prepare you to use spreadsheet software in a variety of business scenarios.* (Fall 2021, Spring 2022).

COURSES – SACRED HEART UNIVERSITY

Financial Management: ***Prepared & Taught -*** *Provides an overview of the principles and techniques used in financial management and an introduction to financial markets. Topics include time value of money, measures of risk, models for pricing bonds and stocks, financial analysis, capital structure, cost of capital, capital budgeting, and working capital management. Students are introduced to financial problem-solving using Microsoft Excel.* (Spring 2019, Spring 2020).