
January 10, 2020

EDUCATION

- PhD **Virginia Commonwealth University**, Richmond, Virginia (2009) (AACSB Accredited)
Business Department
Major: Business / Concentration: Information Systems
Dissertation Title: *Achieving Solution Success: An Investigation of User Participation Approaches*
Advisor: Dr. H. Roland Weistroffer
Minor: Education
- MS **Virginia Commonwealth University**, Richmond, Virginia (2001)
Business Department: Information Systems
- BS **Old Dominion University**, Norfolk, Virginia (1999)
Education Department
Major: Occupational and Technical Studies \ Information Technology Specialization

ACADEMIC POSITION HELD

Jacksonville University, Jacksonville, FL August 2009 -
Associate Dean, Graduate Director and Professor - Full-Time Tenured

College Administration:

- Associate Dean and Graduate Director Since May 1 2019
- Department chair for the Management/ Decision Science and Information Management Department since May 2016
- Hired 3 new MGT and one new DSIM tenure track faculty hires. Department is the largest in the DCOB. It has 18 full time faculty members.
- Assisted in gathering, documenting data and writing required reports for AACSB & SACs accreditation and program reviews including writing the SAC substantive change reports required to implement.
- Plan, implement, review and asses all undergraduate and graduate academic degree-seeking programs in the DCOB in collaboration with the faculty, professional staff, and administrators.
- Report results of planning, implementation, review, and assessment of all degree-seeking programs in the DCOB.
- Evaluates Department chairs (except for Aeronautics) annually and submits evaluations to the dean.
- Evaluate faculty (except for Aeronautics faculty) applications for promotion and make recommendations to the dean.
- Evaluation of faculty applications for tenure.
- Oversees staffing and scheduling of courses and classes.
- Assist and advise the dean of DCOB concerning policy development, analysis, and implementation.
- Oversee implementation of academic objectives and strategies in the DCOB strategic plan.
- Serve as chief administrator of the DCOB in the absence/incapacity of the dean of the DCOB.
- Assist and advise the DCOB Dean in areas of academic and administrative leadership, including academic disciplinary matters.

- Serve on DCOB Leadership Committee.
- Mediate student, faculty and staff concerns in consultation with the dean.
- Assist and collaborate with the dean and faculty, as appropriate, in the development and monitoring of DCOB budget.
- Provide leadership, encouragement and assistance in acquisition of funding for faculty development.
- Provide leadership, encouragement and act as liaison with administration for grant-writing activities.
- Act as coordinator of university catalog changes relating to the DCOB.
- Coordinate student recruitment and retention activities in collaboration with the Office of Enrollment Management, the dean and the faculty.
- Director of the DCOB Online Graduate Programs: Assisted and directed the development and implementation of 4 new online graduate programs. Online enrollment is approx. 100 students and growing. Graduate courses are developed in the traditional, hybrid and online format.
- Developed partnership and processes along with the BISK Center Director and BISK to execute the inclusion of the graduate business programs in the online availability of courses at JU.
- DCOB Graduate Director with the DBA, EMBA, MSOL, MBA and MSABA programs. Completed significant curriculum redevelopment.
- Define the technology/online objectives for the Davis College of Business strategic plan and update the strategies, action plans, responsibility matrices, timelines and outline resources needed to achieve them.
- Serve on the Davis College of Business graduate, curriculum committee and Executive Council.
- Developed and executed major curriculum development and changes for the Decision Science and Information Management program and graduate programs.
 - This includes: Developed 4 Dual Graduate Degrees, changed the foundation classes credit hours & changed the MSOL and MSABA classes required so they will be more efficient and effective. Completed the Substantive Change Document to allow changes to the MSABA. The changes were approved, and changes were implemented. Two of the Dual Degrees required a partnership with Health Sciences.
 - Partnered with the Computer Science Department to implement Business Information Systems, Business Computer Science Tracks and the inclusion of DSIM 203RI into the university core options for meeting the technology requirement.
- Serve on the University Academic Technology KIT committee.
- Chair of the Davis College of Business Graduate Committee

Intellectual Activities:

- AACSB Qualified to teach at the Doctoral Level
- Established and attended Business Analytics Days (2016 - Spring 2018). Over 60 students and faculty attend these events. Guest speakers were from Tableau, Microsoft, SAS, Salesforce and local businesses such as CSX and Black Knight. Business analytics software was demonstrated, and guest speakers discussed the use of software in jobs
- Established and served as Honor Society chapter advisor for the Beta Gamma Sigma since 2012. Received the outstanding chapter award for the last 5 years. Promotes intellectual excellence in business AACSB academic programs.
- Participated with students in the JU Research symposium
- Interviewed (as subject matter expert) and contributed to a Florida Times Union Article

Teaching:

- Teach course that include: Excel, SQL, R Programming, PLSQL, Creating Websites, Rapid Miner Data Mining, SAS, Access and Oracle Databases, data management, Optimization techniques, Tableau, Power BI.

- My average scores on Student Evaluations from the IDEA Survey exceed the DCOB and JU means of 4.1 since Fall 2016. Average Results are taken below from a Trend Analysis done on the IDEA Survey website. The numbers below include all sections since Fall 2016:
 - Overall, I rate this course as excellent Mean = 4.4
 - Overall, I rate this instructor an excellent teacher = 4.56
 - Courses are across very technical undergraduate, MBA, EMBA, MSOL and the new preps and curriculum in the online Masters of Business Analytics programs.
- Demonstrated the incorporation of information literacy into all courses.
- Developed hybrid class/Internet based classes.
- Developed web based online undergraduate and graduate courses using Blackboard and Canvas as the class website.
- Mentor and teach new MGT/DSIM faculty members procedures and JU computer systems. Have broadened my mentoring to include a new computer science mentee.
- Developed and implemented Experiential Learning in DSIM 203RI as a core course for the DCOB: All students in an Applied Business & Economic Analysis course build an Excel information dashboard. This is a major experiential project that has become a foundation for DCOB upper level classes.

Courses Taught Since 2009:

- DSIM 203RI – Applied Business and Economics Analysis
- DSIM 370 – Management of Information Technology
- DSIM 307 – Introduction to Business Analytics
- DSIM 410 – Business Database Analysis

Graduate Courses

- DSIM 518- (MBA & MSOL) Competing through Innovation & Information Technology
- DSIM 526 (EMBA) – Competing through Information Technology
- DSIM 602 – (MSABA) Introduction to Applied Business Analytics
- DSIM 604 – (MSABA) Applied Data Visualization and Analysis
- DSIM 605 – (MSABA) Applied Data Management
- MGT 730 – DBA Colloquium

ACADEMIC POSITION HELD

J. Sargeant Reynolds, Richmond, VA Full-Time August 2001 – August 2009
Full Professor of Information Systems Technology

- Taught courses covering: Database Management and File Structure, Access and Excel, PL/SQL Programming, Oracle Forms and Reports, Communicating with Technology, Oracle Web Development, SQL Server, Visio, Analysis and Design, Project Management, Introduction to information Systems, Structured Design in Programming.

College Administration:

- Served as the Database Program coordinator
- Participated in the Information Technology advisory board meetings.
- Assisted in gathering data required for accreditation and program review
- Served as the IST coordinator to the Access Center.
- Advised students in course selection and career decisions.
- Assisted in the curriculum development for IST students.

- Acted as the faculty committee chair, for the hiring of the Dean of Information Systems, Business, and Public Safety.
- Submitted and received five research grants. Presented findings at peer conference.
- Administrator of Oracle classes – mentoring full time and adjunct instructors and staff, students and giving direction for the use of the Oracle technological platform
- Supervised the Oracle instructor's use of the Oracle server.
- Advised students using class reporting PeopleSoft tools.
- Participated in the development and implementation of the schools strategic planning, program management and budget.

Instructional Design:

- Demonstrated the incorporation of reading, writing, speech, computer/Internet, and critical thinking into all courses.
- Demonstrated the incorporation of information literacy into all courses.
- Developed hybrid Class/Internet based classes.
- Developed web based distance ed courses using Blackboard as the class website.
- Developed and implemented a web based iSQLPlus computing program for the Oracle database courses.

Technology Administration:

- Oracle Server installation – upgraded the Oracle database server to a larger server and installed the database management system.
- Manage Oracle Database semester maintenance – reset passwords and delete prior semesters data classes at JSR.
- Implemented the web based iSQLPlus function on an Oracle Server for use with the Oracle database courses.

PROFESSIONAL EXPERIENCE

Commonwealth of Virginia Full-Time August 1988 – August 2009

Departments and Job Titles

Project Manager/System Analyst - Information Technology Specialist III, February 2001 – August 2001

Department of Information Technology

- Administer/perform design & development projects using the SDLC methodologies to support statewide e-government initiatives. Conduct analysis for client projects by defining user system requirements & translate requirements into systems specifications.
- Analyze and document system needs; conduct feasibility studies; evaluate alternative solutions; Project leader for numerous projects involving Oracle, SQL, Dbase4, Access 2000, using tools like Developer 2000, Cold Fusion, VISO and more.

Data Processing User Liaison - Information Technology Specialist II, February 2000 - February 2001

Department of General Services, DPS

- Webmaster of the DPS website on Internet technology projects, such as EO 65 /Digital Signature and EO 51. Web Portal Team Leader on the eVA-purchasing project.
- Project management and Functional IT coordinator for DPS providing technical & functional support to users of automated procurement, Internet, E-procurement, warehouse & surplus systems. Create and maintain databases. Order and Track computer inventory.
- Defines & analyzes DPS business processes to identify improvement opportunities.

- Coordinates with the agency's Information System Services to implement & maintain automatic systems for the DPS web site and to maintain accurate records of pertinent information. Writes user documentation and teaches new systems to users.

Computer Network Analyst, November 1999 – February 2000

Department of Correctional Education, Richmond, Virginia

- Install, update and maintain software to ensure continued productivity.
- Provide expert advice on availability and operating requirements of software.
- Troubleshoot, diagnose and install a variety of computer equipment to include servers, desktops, laptops, monitors, modems, printers and other hardware.
- Act as a technical resource for all field offices as necessary.
- Provide concise and complete documentation on all phases of work performed.

Lottery Sales Consultant, August 1988 – November 1999

VIRGINIA LOTTERY, Richmond, Virginia

- Taught 112 retail locations personal on 6 types of lottery equipment, telecommunication terminals, new games and all new programs that were developed. Monitor and report progress. Develop and plan strategy to accomplish sales and marketing goals.

INTELLECTUAL CONTRIBUTIONS

Journal Articles (refereed)

- D'Aquila, J., Wang, D. and Mattia, A. (2019). Are Instructor Generated YouTube Videos Effective in Accounting and other Business Classes? A Study of Student Engagement, Motivation, Perception, and Performance, *Journal of Accounting Education*).
- Diamond, M., & Mattia, A. (2017). Data Visualization: An Exploratory Study into the Software Tools Used by Businesses. *Journal of Instructional Pedagogies*.
- Gresham, G. and A. Mattia, (2015). The Value of a Non-Traditional Approach to Marketing Education. *Journal of Management and Marketing*. 19.
- Mattia, A. (2014). Integrating Software Platforms with YouTube Educational Channels. *International Journal of Business, Humanities, and Technology*. 4(4).
- Mattia, A. (2013). "Linking the Creative Process to Innovation Through Software Enabled Activities". *International Journal of Management & Information Systems*, 17(1).
- Mattia, A. (2012). Software That Supports an Agile Process for Organizational Innovation. *International Journal of Business and Social Science*, 3(21)
- Mattia, A. (2012). "A Multi-Dimensional View of Agent-Based Decisions in Supply Chain Management." *Communications of the IBIMA* 2012: 13.
- Mattia, A. (2011). "An Exploratory Study on Using Stage Theory to Develop a Data Management Measurement Framework." *International Journal of Management & Information Systems* **15**(4): 123-132.

Mattia, A. (2011). "Utilizing a Learning Loop Framework in IS Security." International Journal of Business and Social Science **2**(20).

Mattia, A. (2011). "A Multi-Dimensional View Of Socio-Technical Information Systems Research And Technochange." Review of Business Information Systems **15**(4).

Aiken, P., Allen, M.D., Parker, B., and Mattia, A. (2007). "Measuring Data Management Practice Maturity: A Community's Self-Assessment." IEEE Computer **40**(4): 42-50.

Work-In-Progress

Mattia, A. (2018). A Map to Measuring Student Engagement with YouTube Analytics. Work-In-Progress

Dissertation

Mattia, A. (2009). Achieving Solution Success: An Investigation of User Participation Approaches. Ph.D., Virginia Commonwealth University

Book Chapters (refereed)

Mattia, A. and H. R. Weistroffer, (2009). Information Systems Development: Understanding User Participation as a Social Network. Systems Analysis and Design for Advanced Modeling Methods: Best Practices. A. Bajaj and S. Wrycza, IGI Global.

Conference Presentations and Proceedings (refereed)

Mattia, A , Gresham, G., and Jadav, A. (2019). Business Intelligence and Analytics: An Exploration of Academic Interest Compared to Google Search Volume Southern Association for Information Systems Conference” St. Simons Island, GA on March, 2019

Mattia, A , D’Aquila, J., and Wang, D. (2019). What Constitutes an Effective Instructional Video when Incorporated in Simulation Software Packages Southern Association for Information Systems Conference” St. Simons Island, GA.

D’Aquila, J., Wang, D. and Mattia, A. (2017). Instructor Generated YouTube Videos – An Effective Way to Teach Principles of Accounting “American Accounting Association Southeast Regional 2019 Annual Conference” taking place in Savannah, Georgia, on April 4-6 2017.

D’Aquila, J., Wang, D. and Mattia, A. (2017). Are Instructor Generated YouTube Videos Really Effective in Business Classes? A Study of Student Engagement, Motivation, Perception, and Performance American Accounting Association Southeast Region Conference (Miami, FL)

D’Aquila, J., and Mattia, A. (2016). Instructor Generated YouTube Videos in a Financial Accounting Class: A Useful Purpose Based on Actual Usage and Student Perception. 2016 Southeast Region Meeting of the AAA (Atlanta Georgia).

Mattia, A. (2015). Experiential Business Analytics Model. Southeastern Institute for Operations Research and the Management Sciences (SE InfORMS), Myrtle Beach, South Carolina.

- Mattia, A. (2015). Using Analytics to Enhance the Relationship between YouTube Videos and Experiential Learning. Southeastern Institute for Operations Research and the Management Sciences (SE InfORMS), Myrtle Beach, South Carolina.
- Mattia, A. (2015). Linking Experiential Learning and Undergraduate Research with Analytics in the Business Core. Big Data and Analytics EdCon 2015, Fajardo, Puerto Rico.
- Mattia, A. (2014). Integrating Video Distribution Platforms for Educational Purposes. Southeastern Institute for Operations Research and the Management Sciences (SE InfORMS), Myrtle Beach, South Carolina.
- Boylan, R. and A. Mattia (2014). Basic Hardware and Software Considerations for the Flipped Classroom. Southeastern Institute for Operations Research and the Management Sciences (SE InfORMS), Myrtle Beach, South Carolina
- Gresham, G and A. Mattia (2014). The Value of a Non-Traditional Approach to Marketing Education. Institute for Behavioral and Applied Management Conference (IBAM), Orlando, Florida
- Mattia, A. (2013). Technology and Innovation: The Catalyst for Educational Change. Southeastern Institute for Operations Research and the Management Sciences (SE InfORMS), Myrtle Beach, South Carolina.
- Mattia, A. (2013). A Framework for User Participation Approaches to Information Systems Development. Southeastern Institute for Operations Research and the Management Sciences (SE InfORMS), Myrtle Beach, South Carolina
- Mattia, A. (2012). Metadata: A Realistic Approach to Managing Data as a Corporate Asset. Southeastern Institute for Operations Research and the Management Sciences (SE InfORMS), Myrtle Beach, South Carolina.
- Mattia, A. (2012). Software Support for the Innovative Process in Organizations. Southeastern Institute for Operations Research and the Management Sciences (SE InfORMS), Myrtle Beach, South Carolina.
- Mattia, A. (2011). The Strategic Use of Software to Promote Creativity and Innovation in Organizations. Southern Management Association Meeting (SMA), Savannah, Georgia.
- Mattia, A. (2011). The Six Dimensions of Socio-technical Change Approaches to Information Systems Development. Annual Meeting of the Southeastern Institute for Operations Research and the Management Sciences (SE InfORMS), Myrtle Beach, South Carolina.
- Mattia, A. (2011). Software Support of the Blended Creativity Process. Annual Meeting of the Southeastern Institute for Operations Research and the Management Sciences (SE InfORMS), Myrtle Beach, South Carolina.
- Mattia, A. (2010). The Optimal Employment of Supply Chain Management Decision Support Agents: An Exploratory Study. 16th Americas Conference on Information Systems, Lima, Peru.

- Mattia, A. and H. R. Weistroffer (2010). A Social Network Perspective of Information Systems Project Management 16th Americas Conference on Information Systems, Lima, Peru.
- Mattia, A. and H. R. Weistroffer (2010). User Participation in Successful Systems Development: A Case Study. Proceedings of AIS SIGSAND Symposium on Systems Analysis & Analysis & Design, Newfoundland, Canada.
- Ingram, K., Gresham, G., Mattia, A., Greg, E., and Arbogast, G. (2010). Faculty Learning Communities: A Model For DL. Academic and Business Research Institute (AABRI) Conference Orlando, Florida.
- Mattia, A. (2010). The Role of Information Systems Technology in Organization Change. Southeast Decision Science Institute. Wilmington, NC
- Mattia, A. (2010). The Strategic Employment of Decision Agents in Supply Chain Management: An Exploratory Study. Southeast Decision Science Institute. Wilmington, NC **Received Best Paper**
- Mattia, A., H. Weistroffer. (2009). A Social Network Perspective of User Participation in Information System Development. Proceedings of AIS SIGSAND Symposium on Systems Analysis & Analysis & Design, Richmond, Virginia May 2009
- Mattia, A. (2008). Information Systems Development: the Emergence of Social networks from User Participation Approaches. Americas Conference on Information Systems Doctoral Consortium 2008, Toronto, Canada
- Mattia, A., H. Weistroffer. (2008). Information System Development: Understanding User Participation as a Social Network. Proceedings of AIS SIGSAND Symposium on Systems Analysis & Analysis & Design, Utah, May 2008
- Mattia, A., H. Weistroffer. (2008). Information System Development: A Categorical Analysis of User Participation Approaches. Proceedings of the 41st Hawaii International Conference on System Sciences
- Mattia, A. and G. Dhillon (2003). Applying double loop learning to interpret implications for information systems security design. Systems, Man and Cybernetics, 2003. IEEE International Conference on.
- Mattia, A. (2003). Double loop learning in IS Security. Proceedings of the First Security Conference Las Vegas, Nevada, USA.
- Mattia, A. (2003). The subSYSTEM Approach: A Framework for Analyzing Information Systems at Invention and Reinvention. Americas Conference on Information Systems 2003, Tampa, Florida

Discipline Contributions

- Weistroffer, H., A. Mattia. (2011). User Involvement in Systems Development and Improvement. Americas Conference on Information Systems 2011 Mini-Track Chair, Detroit, MI

Mattia, A., H. Weistroffer. (2010). User Participation, Stakeholder Involvement, and Project Collaboration in Systems Development and Improvement. Americas Conference on Information Systems 2010 Mini-Track Chair, Lima, Peru

Weistroffer, H., A. Mattia. (2009). User Participation in Information Systems Development. Americas Conference on Information Systems 2009 Mini-Track Chair, San Francisco, CA

Undergraduate Research Sponsor

Mentorship of student research is reflected in the number of student papers produced under faculty supervision that lead to publications or formal presentations at academic or professional conferences

(2015) JU FACULTY & STUDENT SYMPOSIUM, Jacksonville, Florida

Sponsored 30 student Poster Presentations for formal presentation. List can be supplied upon request.

(2014) JU FACULTY & STUDENT SYMPOSIUM, Jacksonville, Florida

Sponsored 25 student Poster Presentations for formal presentation. List can be supplied upon request.

Book Reviews and Editorial Contributions

- Reviewer, SAIS, Southern Association of Information Systems (2019)
- Reviewer, Proceedings of the Southeastern Institute for Operations Research and the Management Sciences (SE InfORMS) (2010 – 2014)
- Reviewer, Proceedings of the Southern Academy of Management (2011)
- Reviewer, Proceedings of the International Conference on Information Systems (2011)
- Editor and Reviewer (entire book), Guide to Oracle10g, Joline Morrison. Thomson. 2004.
- Editing reviewer (entire book), Oracle9i Developer: PL/SQL Programming, Joan Casteel. Thomson. 2003
- Editing reviewer (entire book) Oracle9i: SQL, with an Introduction to PL/SQL, Lannes Morris-Murphy. Thomson. 2003
- Editing reviewer (entire book), Guide to Oracle9i, Joline Morrison, Mike Morrison. Thomson. 2003.

AFFILIATIONS

Southeastern Decision Sciences Institute
Southeastern Chapter of InfORMS
Beta Gamma Sigma
Association of Information Systems
AACSB International