

**MATTHEW T. MULLARKEY, PH.D.**  
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## **BACKGROUND**

Matthew T. Mullarkey is the Director of the Doctor of Business Administration (DBA) Program for the USF Muma College of Business and an Instructor in the Information Systems and Decision Sciences (ISDS) Department. Mullarkey received a Ph.D. in Business Administration with a concentration in Information Systems from the University of South Florida, an MBA from the University of South Carolina, an MS in Systems Management from the University of Southern California, and a BS in Engineering from the United States Military Academy (West Point).

Mullarkey's areas of research interest include design science research and action research in the evaluation and creation of information systems, healthcare systems, social networking systems, and data science. His research falls into three distinct areas of scholarship. The first is in the area of IS Design Science Research (DSR) which stems directly from his Ph.D. dissertation and includes research that is conducted with Dr. Alan Hevner. His second area of research is in the area of Informing Systems and Complexity conducted in conjunction with Dr. Grandon Gill. And, the final area of scholarship is in the area of pedagogical research designed to advance IS and Doctoral instruction with a heavy emphasis on case based course development developed by students with local businesses.

As the Director, DBA degree program, Mullarkey successfully recruited 120 highly qualified, seasoned practiced professionals across four engaged scholar cohorts, worked with the DBA committee to manage the program's budget, candidate interviews, course delivery, and weekend residencies. He has been instrumental in providing the "concierge" style of interaction valued by busy, accomplished professionals committed to completing a doctoral program while working and leading their companies.

Mullarkey teaches using case-based discussions that engage Doctoral, MBA and MIS undergraduates in complex business decisions involving technology. His case study-based capstone courses emphasize critical thinking, business analysis, and the impact of information technology and systems on real-world, business decision-making.

An Airborne, Ranger- qualified veteran of the U.S. Army, Mullarkey has more than 25 years of experience as a president, chief executive officer, chief operating officer, and senior vice president of Fortune 1000 and in startup companies in the automotive, applied materials and medical device industries. Mullarkey was a corporate officer at two NYSE listed companies, a board member of three private equity controlled companies, board chair for a nationally affiliated non-profit, and founded two startup companies.

Prior to his current role at USF, he was a Managing Partner (Tampa) and an Angel Investor at Patina Solutions - an INC500 Fastest Growing Private US Company - a unique professional services firm that matches seasoned professionals to organizations for interim assignments. Prior to joining Patina Solutions, Matt was the Chief Operating Officer at West Pharmaceutical Services (NYSE: WST) - the largest supplier of injectable drug delivery systems and components to every pharmaceutical and biopharmaceutical company from over 45 FDA, SFDA, and EMEA approved facilities globally.

He started his post-military business career with Michelin Tire Group with significant leadership positions in the US, Canada, and Europe. After twelve years with Michelin, he joined Cambridge Management Consulting (London & Boston) to launch their automotive practice worldwide with major improvement programs launched at companies like Volvo, Scania, Daimler, Ford, Visteon, and Delco Remy. In 2001, he joined his largest US based consulting customer, Delco Remy, with responsibility for \$1 billion in cost of goods sold in 12 factories in the US, Mexico, Brazil, Korea, Europe, and China.

Mullarkey was recruited into the medical device industry to lead the effort at Invacare to rationalize global production across 24 facilities, launch over 40 innovative new products and product lines, implement world class quality manufacturing, and grow the 10,000 strong dealer network by more than 10%. In 2007, Mullarkey joined a partner to create Impact Ceramics and the Impact Solutions Group. This start-up successfully patented and presented solutions to defeat explosively formed projectiles (EFPs) in Iraq and Afghanistan at Aberdeen Proving Ground, Maryland, through the auspices of the Rapid Equipping Force (REF), US Army.

Mullarkey works to integrate his business experience with the needs of the students, faculty and administration of the USF Muma College of Business in ways that contributes to student education and preparation for jobs, increases partnering with the Tampa Bay business community, and informs research with impact. Mullarkey is a 2016 recipient of the NSF I-Corps National grant in the role of mentor, is on the USF I-Corps Site Committee, and is a USF I-Corps Site instructor. His service includes active engagement as an instructor, coach and mentor with startup companies involved with USF Connect, Tampa Bay WavE, Florida-Israel Business Accelerator, and the Greater Tampa Chamber of Commerce Startup Scholars.

## **EDUCATION**

Ph.D., Business Administration (Information Systems)	2014
<i>Muma College of Business, University of South Florida, Tampa, FL</i>	
MBA (International Operations)	1993
<i>Moore Business School, University of South Carolina, Columbia, SC</i>	
MS, Systems Management (Operations Research)	1988
<i>University of Southern California, Los Angeles, CA</i>	
BS, Engineering	1984
<i>United States Military Academy, West Point, NY</i>	

## ACADEMIC AND PROFESSIONAL APPOINTMENTS

2015-	Director, DBA, Muma College of Business	University of South Florida
2014-	Instructor, ISDS, Muma College of Business	University of South Florida
2012-2014	Visiting Instructor, ISDS, College of Business	University of South Florida
2012-2014	Managing Partner & Investor	Patina Solutions, LLC
2008-2010	Chief Operating Officer	West Pharmaceutical Services (WST)
2007-2008	Chief Executive Officer & Board Member	Impact Materials Group LLC
2005-2007	Group Vice President, Global Operations	Invacare Corporation (IVC)
2003-2005	Vice President & GM, North America	Invacare Corporation (IVC)
2001-2003	Senior Vice President, Global Operations	Delco Remy International
1999-2001	Operations Manager	Cambridge Management Consulting
1997-1999	Manager, Multi-Brand Operations, Europe	Michelin Tire Group
1993-1997	Financial Officer, UGTC, Canada	Michelin Tire Group
1989-1993	Industrial Engineer	Michelin Tire Group
1984-1989	Captain, Infantry	United States Army

## KEYNOTE & PANEL PRESENTATIONS

1. Mullarkey MT (2018) Workshop on Elaborated Action Design Science Research (eADR) and Citizen Data Science (CDS), Association for Information Systems (AIS) Special Interest Group on Pragmatist Information Systems Research (SIGPRAG), Workshop on Research in Digital Innovation, May 3-4, Visby, Gotland, Sweden.
2. Mullarkey MT, Hevner AR (2017) Integrating Data Science and Design Science to Develop Transformative Digital Technologies, Irish Innovation Value Institute 2017 Community Event, Enabling Digital Transformation with IT-CMF, Maynooth University, Maynooth, Ireland, June 22, 2017.
3. Mullarkey MT (2017) The Application of Action Design Science Research to Digital Innovations in Data Science, Twelfth International Conference on Design Science Research in Information Systems and Technology, Panel: The Role of Design Science in Digital Innovation, Karlsruhe Institute of Technology, Karlsruhe, Germany, May 30 – June 1, 2017.
4. Mullarkey MT (2016) Keynote Address, Plenary Session, The 7<sup>th</sup> International Multi-Conference on Complexity, Informatics and Cybernetics, IMCIC 2016, International Institute of Informatics and Systemics.
5. Gill, TG, Mullarkey, MT (2015) Best Paper in Teaching of Information Technology, *Taking a Case Method Capstone Course Online*, InSITE 2015 Conference, Informing Science Institute.
6. Mullarkey, MT (2015) Building Bridges: Connecting business and academic communities through a Doctor of Business Administration (DBA) degree program, Keynote Address, Plenary Session, The 6<sup>th</sup> International Multi-Conference on Complexity, Informatics and Cybernetics, IMCIC 2015, International Institute of Informatics and Systemics.

## PUBLICATIONS & PROCEEDINGS

### *Publications*

1. Mullarkey MT, Hevner AR (2018) An elaborated action design research process model, *European Journal of Information Systems*, pp 1-15.

2. Gill, T. G., Mullarkey, M., & Satterfield, R. K. (2018). Informing on a rugged landscape: How complexity drives our preferred information sources. *Informing Science: the International Journal of an Emerging Transdiscipline*, 21, 1-18.
3. Gill, G., & Mullarkey, M. (2017). Fitness, extrinsic complexity, and informing science. *Informing Science: the International Journal of an Emerging Transdiscipline*, 20, 37-61.
4. Gill TG, Mullarkey MT, Mohr J, Limayem M (2016) Building an Informing Business School: A Case Study of USF's Muma College of Business, *Informing Science: the International Journal of an Emerging Transdiscipline*, 19, pp 1-73.
5. Mullarkey MT, Hevner AR (2015) Entering Action Design Research, *New Horizons in Design Science: Broadening the Research Agenda*, Springer International Publishing, pp. 121-134.
6. Gill, T.G. and Mullarkey M.T. (2015). The Interdisciplinary Business Doctorate for Executives: A novel way to bridge academic research and practice. *Systemics, Cybernetics and Informatics*, 13(6): 116-121, 2015.
7. Gill, T. G., & Mullarkey, M. T. (2015). Taking a case method capstone course online: A comparative case study. *Journal of IT Education: Research*, Vol 14, pp. 189-218.
8. Mullarkey MT, Lund J, Gill G (2014) To grow or not to grow, that is SloPro, *Journal of Information Technology Education*, Vol 3, No 6, pp 1-25.
9. Gill G, Mullarkey MT (2014) Taking ISM4300 Online, *Informing Faculty*, Vol 2, No 5, pp 1-25.

***Other publications (refereed conference proceedings)***

1. Daniel C., Mullarkey M., Hevner A.R. (2018) Capturing User Generated Video Content in Online Social Networks. In: Chatterjee S., Dutta K., Sundarraj R. (eds) *Designing for a Digital and Globalized World*. DESRIST 2018.
2. Mullarkey, MT, & Gogan, J (2017) Where to Start in an Executive DBA Curriculum? The Case for Case Research, *Proceedings of Decision Sciences Institute Annual Conference 2017*, Washington, D.C.
3. DeSerranno, AR, Mullarkey, MT, Hevner, AR (2017) Evaluation of a commercial IoT platform, *Proceedings of American Conference on Information Systems 2017*, Boston.
4. Mullarkey, MT, & Hevner, AR (2016) The Creative Process in Design Science Research: Identifying Patterns of Creativity, *Proceedings of SIGPRAG Workshop, pre-ICIS 2016*.
5. DeSerranno, AR, Mullarkey, MT, Hevner, AR (2016) Building a semantic ontology for internet of things (IoT) systems, *Proceedings of*
6. Mullarkey MT, Hevner AR (2014) Finding Multiple Entry Points for ADR, *Proceedings of SIGBPS Workshop, pre-ICIS 2014*.
7. Mullarkey, M. T. (2014). Inter-organizational social network information systems: Diagnosing and design (Order No. 3631605). Available from Dissertations & Theses @ University of South Florida – FCLA.
8. Mullarkey MT (2014) A new IS research stream for digitally embedded social networks: Inter-organizational social network information systems (IO SNIS), *Proceedings of Design Science Research in Information Systems (DESRITS 2014)* Doctoral Consortium, Miami, FL.
9. Mullarkey MT, Hevner AR, Collins RW (2013) Inter-organizational social networks: an action design research study, *Proceedings of SIGPRAG Workshop, pre-ICIS 2013*.
10. Mullarkey, MT (2012) Socially Immature Organizations: A typology of social

networking systems with organizations as users, *Proceedings of CSCW'12, ACM 2012.*

## TEACHING & SERVICE

### **Teaching**

- 2017-2018    GEB 6930 Case Method Publication (DBA)  
                  MAR 7931 Research Article Publication (DBA)  
                  ISM 6155 Enterprise Information Systems (EMBA)  
                  ISM 6021 Management Information Systems (MBA)  
                  ISM 4300 Management Information Systems (2 sections)  
                  ISM 3011 Information Systems Management (Summer Abroad)
- 2016-2017    GEB 6930 Case Method Publication (DBA)  
                  GEB 6930 Qualitative Research Methods (DBA)  
                  MAR 7931 Research Article Publication (DBA)  
                  ISM 6021 Management Information Systems (MBA)  
                  ISM 4300 Management Information Systems (2 sections)
- 2015-2016    GEB 6930 Case Method Publication (DBA)  
                  GEB 6930 Qualitative Research Methods (DBA)  
                  MAR 7931 Research Article Publication (DBA)  
                  ISM 6021 Management Information Systems (MBA)  
                  ISM 4300 Management Information Systems (4 sections)
- 2014-2015    ISM 6021 Management Information Systems (2 sections)  
                  ISM 4300 Management Information Systems (4 sections)
- 2013-2014    ISM 4300 Management Information Systems (3 sections)  
                  ISM 3113 Systems Analysis and Design
- 2012-2013    ISM 3113 Systems Analysis and Design (2 sections)

### **Grants**

USF I-Corps Site Fellow & Instructor, Co-PI NSF 14-547: *Innovation Corps Sites Program*  
Mentor, NSF I-Corps Grant: *Investigating the Commercialization of Peer Review Tools and*  
*Writing Analytics*. PI: Dr. Joseph Moxley, CAS, USF, #1636511  
Supporting NSF Grant #1043919 (\$299,468) “Developing Open Authentic Case Studies for a  
MS in Cybersecurity Capstone Course”, Co-PIs Dr. Manish Agrawal & Dr. Grandon Gill,  
University of South Florida.

### **Journals**

*Editor-in-Chief:* Muma Case Review.

*Editor:* Muma Business Review

*Editor:* Journal of IT Education: Discussion Cases, Informing Science Institute.

*Reviewer:*

Transactions on Management Information Systems (2013, 2014)  
International Conference on Information Systems (2014, 2018)  
European Conference on Information Systems (2015)  
AIS SIGPRAG Pre-ICIS Workshop (2015)  
Design Science Research in Information Systems Conference (2015, 2016)

## **AWARDS & RECOGNITION**

### ***Patents***

US Patent 2010/0282062, Co-Author, “Armor Protection Against Explosively Formed Projectiles”.  
US Patent 2008/0236378, Co-Author, “Affixable Armor Tiles”.

### ***Awards***

Outstanding Faculty Community Engagement, 2016-2017, Muma College of Business, University of South Florida  
Undergraduate Teacher of the Year, 2015, Information Systems and Decision Sciences Department, Muma College of Business, University of South Florida  
Volunteer of the Year, 2015, West Point Society Florida West Coast  
Cadre, Groupe Michelin, France, 1998  
Meritorious Service Medal, US Army  
Army Achievement Medal, US Army  
Army Service Ribbon & Army Overseas Service Ribbon, US Army  
Expert Infantryman Badge, US Army  
Ranger Tab, US Army  
Airborne Badge, US Army  
Pathfinder Badge, US Army  
Jungle Warfare Badge, US Army  
General Douglas MacArthur Leadership Award, 1984, United States Military Academy  
George C. Marshall Award, 1983, Army Cadet Command

## **COLLABORATORS AND OTHER AFFILIATIONS**

### ***Co-authors and co-editors (past 48 months)***

Dr. Rosann Collins, Associate Professor, ISDS, Muma College of Business, USF  
Clinton Daniel, Instructor, ISDS, Muma College of Business, USF  
Dr. Ron DeSerranno, CEO, B-Scada Corporation  
Dr. T. Grandon Gill, Professor, ISDS, Muma College of Business, USF  
Dr. Alan Hevner, Professor, ISDS, Muma College of Business, USF  
Dr. Moez Limayem, Dean, Muma College of Business, USF  
Dr. Ron Satterfield, Instructor, ISDS, Muma College of Business, USF

### ***Community Engagement***

Member, Board of Directors, Tampa Bay Technology Forum (TBTF)  
Member, CEO Council of Tampa Bay  
President, West Point Society Florida West Coast (Tampa Bay area)  
Past Chair, Lifetime Member, Lorain County National Urban League (2003-2008)