**Matthew J. McCarthy**

Principal Lecturer | Arizona State University | W. P. Carey School of Business | Department of Information Systems

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| **Academic Preparation** | |
|  | **Masters of Science in Management***, Graduate with Distinction*  W. A. Franke College of Business  Northern Arizona University, 2003 |
|  | **Beta Gamma Sigma Honor Society**  **Phi Kappa Phi National Honor Society**  **Concentration**: *Computer Information Systems*  **Thesis**: *Internet Educational Delivery Methods and Applications* |
| **Research Awarded | Submitted** | |
| A close up of a sign  Description automatically generated | **Bill & Melinda Gates Foundation | *Submitted*** *September 2019, 2020*  *Principal Investigator, Solar-powered Artificially Intelligent Doctor* |
|  | **National Institutes of Health (NIH) *Awarded*** *September 2003*  *Principal Investigator, Artificially Intelligent Medical Intake Decision Engine, -* 1 R43 AT001265-01A1 |
|  | **National Science Foundation (NSF) *Submitted*** *2007, 2008*  *Principal Investigator, Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)* |
| **Professional Experience** | |
|  | **Teaching Professor** | 2022 to Present | Arizona State University, W. P. Carey School of Business  **Principal Lecturer** | 2015 to Present | Arizona State University, W. P. Carey School of Business  **Senior Lecturer** | 2011 to 2015 | Arizona State University, W. P. Carey School of Business  **Lecturer** | 2003 to 2011 | Arizona State University, W. P. Carey School of Business |
|  | My responsibilities include being the class coordinator for the core computing class (CIS105) for all W. P. Carey School of Business first-year students, which routinely draws upwards of 4,000 students annually. I am solely responsible for all in-person lecturing and course content, as well as administration and course preparation of all lab content that teaches Spreadsheets and Database concepts. I have served as the Department of Information Systems Chair for the state of Arizona’s Articulation Task Force, which monitors community college course content. I have taught approximately 75,000 students face-to-face over the last 20 years. |
| **Course Experience** | |
|  | **CIS105 | Computer Applications and Information Technology** | Introduces business information systems from a business intelligence perspective and uses application software emphasizing database and spreadsheet packages for efficient and effective problem-solving. |
|  | **CIS311 | Business Project Management** | Overview of project management emphasizing the fundamentals and analytics that can support project decision-making. Covers project planning, resource and disruption management, and problem resolution skills. Leverages widely available project management computer tools. |
|  | **CIS312 | Business Mobile App Development and Monetization** | Teaches students the entire mobile commerce process, starting with recognizing what it is, what it does, how to build it, monetization methods, and its business value. Familiarizes students with software development platforms and ecosystems, strategies for development and deployment, and monetization strategies.; XCode/Swift SDK, Adobe XD, Adobe Photoshop |
|  | **CIS360 | Business Database Concepts |** Database theory, design, and application, including the entity-relationship model; the relational, hierarchical, and network database models; and query languages. |
|  | **CIS430 | CIS440 Networks and Distributed Systems | Systems Design and Electronic Commerce**  Capstone classes for the CIS major include advanced topics like cloud-based database applications, communications protocols, distributed systems, and client-server systems, applications based on multiple operating system platforms. Investigates systems design (SDLC) for organizational and electronic commerce systems; uses project management and systems analysis and design tools. |
| **Publications | Textbooks | Internet** | |
|  | ASU News - Popular ASU lecturer is the king of second chances, *2022 by Marshall Terrill*  Information Technology Management Essentials*, 2020-22,* *MyEducator Publishing*  Applied Business Computing Concepts, *Series, 2014 - 2022, MyEducator Publishing*  Business Mobile App Development & Monetization *2019-22, MyEducator Publishing*  How to Avoid F\*cking Up in College *2022 (Amazon Bestseller*)  Applied Business Computing Applications *2013, Fifth Edition, 2012, Pearson-Prentice Hall*  Black & White Business Computing 2009 - *2012, Pearson-Prentice Hall*  KnowIT Information Technology; *(Podcast, Core Computing Courses at W. P. Carey, 2010)*  Knowledge@WPCarey.com; *(Whither Internet Anarchy? Controlling Adult Content Online, 2004)* |
| **Professional Memberships** | |
|  | Faculty Advisor; Delta Sigma Pi Honors Fraternity (DSP) *2016 - Present*  Faculty Advisor; Blockchain Innovation Society *2017 – Present*  Faculty Advisor; Department of Information Systems Club *2003 - 2012*  Chair; Department Representative for Arizona’s Articulation Task Force *2005 – 2013, 2022*  Obama Scholar’s Mentoring Program  Barrett Honor College Mentoring Program *2007 - Present*  Microsoft Imagine Cup Mentoring Program  Board of Directors, Juvenile Diabetes Foundation of Arizona *2000 – 2002* |
| **Honors and Awards** | |
|  | W. P. Carey Entrepreneurial Approach to Learning Award *2022*  Amazon.com *#1 Bestseller* (High School Teaching) *2022*  W. P. Carey Dean’s Impact Teaching Award *2020, 2021*  Department of Information Systems Instructor of the Year *2017*  W. P. Carey Student Organization Advisor of the Year *2017*  W. P. Carey Huizingh Innovation Award Finalist 2016, Candidate *2016*  Amazon.com *#1 Bestseller* (Computers & Technology) *2012 - 2015*  W. P. Carey Huizingh Innovation Award *2011*  Ernst & Young National Accounting and Information Systems Professor of the Year Finalist *2009*  Arizona State University Athletic Department’s Most Influential Professor *Multiple Years*  Department of Information Systems Professor of the Year *2005, 2006*  Graduate with Distinction, Northern Arizona University *2003*  Phi Kappa Phi National Honor Society *2003*  Beta Gamma Sigma Honor Society *2003*  Academic Scholarship Award, Northern Arizona University *2002* |