

# Mary Helen Fagan, Ph.D.

## EDUCATION

### **Doctor of Philosophy in Business Administration, May 1995**

University of Texas at Arlington, College of Business Administration

Major Concentration: Management Information Systems

Minor Concentration: Management (Organization Behavior and Organization Theory)

### **Master of Business Administration, July 1983**

University of Texas at Arlington, College of Business Administration

Concentration: Management Information Systems

### **Bachelor of Arts, August 1978 – Graduated Summa Cum Laude**

University of Texas at Arlington

Major: English, Minor: History

## ACADEMIC EXPERIENCE

### **University of Texas at Tyler, Tyler, TX (August 1999-present)**

**Associate Professor**, Department of Management and Marketing, College of Business and Technology, September 2004-present.

**Assistant Professor**, Department on Management and Marketing, College of Business and Technology, August 1999-August 2004.

### **Salisbury State University, Salisbury, MD (September 1994-August 1999)**

**Assistant Professor**, Information and Decision Sciences Department, Franklin P. Perdue School of Business (June 1995-August 1999)

**Instructor**, Information and Decision Sciences Department, Franklin P. Perdue School of Business (September 1994-May 1995)

### **University of Texas at Arlington, Arlington, TX (September 1992- May 1994).**

**Assistant Instructor**, Department of Information Systems and Management Sciences (September 1992-May 1993).

**Assistant Director**, Center for Information Technologies Management, College of Business Administration (September 1992-May 1994).

## PROFESSIONAL POSITIONS

### **Senior Consulting Manager**, Andersen Consulting, Arthur Andersen & Co., 1983-1990.

- Responsible for applications development and systems analysis and design for client projects.

- Provided database modeling and design expertise to other consultants working on client projects throughout the organization.
- Provided project management for large systems development efforts, including managing international teams.
- Helped to develop project estimates proposals for systems in response to client request for proposals
- Developed and utilized expertise in a wide range of industries including banking, telecommunications, manufacturing, retail, oil and gas, and real estate.
- Developed and utilized expertise in a of a wide range of software applications including shop floor control, customer billing, various financial applications, and purchasing and inventory control systems.

**Manager of User Services**, Academic Computing Services, University of Texas at Arlington, 1979-1983.

## PUBLICATIONS

### Peer Reviewed Journal Articles – forthcoming

Rizer, C., Fagan, M.H. The Role of Perceived Stress and Health Beliefs on College Students Intentions to Practice Mindfulness Meditation, *American Journal of Health Education*, forthcoming.

### Peer Reviewed Journal Articles

Fagan, M.H. (2014). Exploring a Sociomaterial Perspective on Technology in Virtual Human Resource Development, *Advances in Developing Human Resources*, 16(3), 320-334.

Gopalakrishna Remani, V., Fagan, M.H. (2014). *Open Source Approach to Mitigate the Risk from Misinformation in Complementary and Alternative Medicine*, *International Journal of Risk and Contingency Management*, 3(1), 1-11.

Fagan, M.H., Kilmon, C., Pandey, V. (2012). Exploring the adoption of a virtual reality simulation: The role of perceived ease of use, perceived usefulness, and personal innovativeness, *Campus-Wide Information Systems*, 29(2), 117-127.

Fagan, M. H. (2011). Using an Innovation Diffusion Theory Framework to Explore Web Site Adoption by Small to Medium Sized Enterprises, *Issues in Information Systems*, 1, 382-391.

Fagan, M. H., Neil, S., & Wooldridge, B. R. (2008). Exploring the Behavioral Intention to Use Computers: An Empirical Investigation of the Role of Intrinsic Motivation, Extrinsic Motivation, and Perceived Usefulness, *Journal of Computer Information Systems*, 48(3), 31-38.

Kilmon, C., Fagan, M. H., Pandey, V., & Belt, T. (2008) Using the Task Technology Fit Model as a Diagnostic Tool for Electronic Medical Records Systems Evaluation, *Issues in Information Systems*, 195-204.

Kilmon, C., & Fagan, M. H. (2007). Course Management Software Adoption: A Diffusion of Innovations Perspective, *Campus Wide Information Systems Journal*, 24(2), 134-144.

- Fagan, M. H., Kilmon, C., & Belt, T. (2006). Integrated Results Reporting: Moving Toward Electronic Health Records, *Issues in Information Systems*, VII, 64-68.
- Fagan, M. H. (2006). Exploring E-government initiatives: An East Texas Community Perspective, *Business Process Management Journal*, 12(1), 101-113.
- Fagan, M. H. (2005). Comparing Traditional and Agile Development Approaches: The Case of Extreme Programming, *Issues in Information Systems*, VI, 23-28.
- Saber, J., Flores, I., Fagan, M. H., Kilmon, C., Williams, J., & Ibitayo, K., (2005), If You Build It, Will They Come? Challenges in E-learning Delivery System Choice, *Issues in Information Systems*, VI, 197-203.
- Fagan, M. H. (2004). The Influence of Creative Style and Climate on Software Development Team Creativity: An Exploratory Study, *Journal of Computer Information Systems*, 44(3), 73-81.
- Fagan, M. H., Neill, S., & Wooldridge, B. R. (2003/2004). An Empirical Investigation into the Relationship between Computer Self-Efficacy, Anxiety, Experience, Support and Usage, *Journal of Computer Information Systems*, 44(2), 95-105.
- Fagan, M. H. (2003). Exploring E-education Initiatives: A Framework for Analysis, *Campus-Wide Information Systems*, 20(4), 129-136.
- Fagan, M. H., Wooldridge, B. R., & Neill, S. (2002). Support for Computer Users: Importance and Measurement, *Issues in Information Systems*, 3, 186-193.
- Fagan, M. H. (2002). Web-enabled Information and Referral Services: A Framework for Analysis, *Informing Science*, 5(1), 13-18.
- Fagan, M. H. (2001). Global Information Technology Management: A Framework for Analysis, *Journal of Global Information Technology Management*, 4(3), 5-26.
- Bordoloi, B., & Fagan, M. H. (1993). Piloting Pen-Based Computers: Field Assessments and Implementations, *Information Systems Management*, 10(2), 21-31.

### **Conference Abstracts and Proceedings**

- Fagan, M. H. (2012, November). Exploring the Adoption of Additive Manufacturing and the Popularization of 3D Printing, *43<sup>rd</sup> Decision Sciences Institute Annual Meeting*. San Francisco, CA.
- Venugopal, Gopalakrishna-Remani, Fagan, M. H. & Avery, S. L. (2012, November). Exploring the Relationship between Carbon Disclosure Ratings and Firm Performance: A Conceptual Framework, *43<sup>rd</sup> Decision Sciences Institute Annual Meeting*. San Francisco, CA.
- Fagan, M. H. (2011, March). Developing Integrated Curriculum Focused on Enterprise Resource Planning System: A Plan to Equip Business Graduate Students with Needed Technology and Information Systems Competencies, *Southwest Decision Sciences 42<sup>nd</sup> Annual Conference*, Houston, TX.
- Wooldridge, B. R., & Fagan, M. H. (2008, April). Taking the Plunge: Installing Enterprise Resource

Planning Software in a Retail Organization, *Society for Case Research Annual Meeting*, Chicago, IL.

Fagan, M. H. (2001, June). Global Information Technology Transfer: A Framework for Analysis, *Global Information Technology Management World Conference*, Dallas, TX.

Fagan, M. H. (1997, December). Software Tools in Business Process Reengineering: Enablers of Radical Change?, *Proceeding of the Society for Information Management Conference on Practice-Oriented Research on Information and Technology Management*.

Fagan, M. H. (1997, August). Community and Non-Profits on the World Wide Web, *Proceedings of the AIS Conference on Information Systems*.

Fagan, M. H. (1994). Global Information Technology Transfer: A Framework for Analysis, *Proceedings of the Decision Science Institute*.

Fagan, M. H. (1993). Information Technology Innovation: A Review of the Literature, *Proceedings of the Decision Science Institute*.

### **Book Chapters**

Tuncalp, D., & Fagan, M.H. (2014). Anticipating Human Enhancement: Identifying Ethical Issues of Bodyware, in *Global Issues and Ethical Concerns in Human Enhancement Technologies*, IGI Global.

Bordoloi, B., & Fagan, M. H. (1996). Pen-Based Computing: Applications and Implementations, in *Information Management: Strategy, Systems and Implementations*, Auerbach Publications.

Bordoloi, B., & Fagan, M. H., (1995). Pen-Based Computing, in *Handbook of IS Management*, Auerbach Publications.

### **CONFERENCE PRESENTATIONS**

Fagan, M. H., Rizer, C. (2014, October). Adoption of Contemplative Practices: Using a Theoretical Lens for Empirical Assessment. 6<sup>th</sup> ACHME Conference. Seattle, WA.

Fagan, M. H. (2012, November). Exploring the Adoption of Additive Manufacturing and the Popularization of 3D Printing, 43<sup>rd</sup> *Decision Sciences Institute Annual Meeting*. San Francisco, CA.

Fagan, M. H. (2011, October). Using an Innovative Diffusion Theory Framework to Explore Web Site Adoption by Small to Medium Sized Enterprises. *International Association for Computer Information Systems (IACIS) 51<sup>st</sup> Annual Conference*, October 5-8<sup>th</sup>, 2011, Mobile, AL.

### **RESEARCH AWARDS**

Best Research Paper Award for a paper entitled “Using an Innovative Diffusion Theory Framework to Explore Web Site Adoption by Small to Medium Sized Enterprises” from the International Association for Computer Information Systems (IACIS) at their 51<sup>st</sup> annual conference, October 5-8<sup>th</sup>, 2011, Mobile, AL.

## GRANT FUNDING AND EXPERIENCE

- Received a grant from the Provost of the University of Texas at Tyler to start up a Center for Information Technology Excellence (CITE) in cooperation with the chair of the Computer Science Department, 2001.
- Awarded a summer research grant to study the factors influencing the development and success of community networks, University of Texas at Tyler, 2000.
- Served as part of a community team that won a Telecommunications Infrastructure Fund grant from the state of Texas for \$400,000 for a community networking project called ConnecTyler, 1999.
- Awarded a grant from the Community Foundation of the Eastern Shore to help non-profit organizations make use of the World Wide Web in Salisbury Maryland,
- Worked as a team leader for a U.S. Department of Education Grant project to assist local organizations in building their export capacity while at Salisbury University.

## SERVICE

### Service for the University of Texas at Tyler

- External Member of Communication Departmental Tenure and Promotion Committee for 3<sup>rd</sup> Year Review, 2012
- Member of the Academic Affairs Committee, 2011-present.
- Member of Core Curriculum Workgroup, 2012-present.
- Member of the Center for Ethics, Research Integrity Sub-Committee, 2010-present.
- Faculty Senator, University of Texas at Tyler Faculty Senate, 2005-2008.
- Member of the University of Texas at Tyler Information Technology Committee, 2007-present.
- Representative for the College of Business and Technology on the University Undergraduate Curriculum Committee, 2000-2003.
- Advisor to the University of Texas System Telecampus online MIS track program, 2004-2007.
- Member of the University of Texas at Tyler University Library Committee, 2000-2003.

### Service for the College of Business and Technology at the University of Texas at Tyler

- Member of the CBT Promotion and Tenure Committee, 2011-present.
- Chair of the Faculty Awards Committee, 2011-2012.
- Chair of the Promotion and Tenure Committee, 2010-2011.
- Member of the Assurance of Learning Committee, 2009-2010.
- Chair of the Curriculum and Assurance of Learning Committee, 2004-2008.
- Area Coordinator, Management and Information System, College of Business and Technology, 2005-2008.
- Coordinated the development of a SAP curriculum plan that enabled the College to join the SAP University Alliance.
- Member of the Curriculum Continuous Improvement Team, 2000-2003.
- Member of the Mission and Marketing Committee, 2006-2008.
- Member of the Instructional Resources Continuous Improvement Team, 2000-2003.

### Service for the Management and Marketing Department, CBT, University of Texas at Tyler

- Member of Management and Marketing Department Writer's Group, 2011-Present.
- Member of the Management and Marketing Department Journal List Committee, 2010-present.

- Member of the Management and Marketing Department Promotion and Tenure Committee, 2010-present.
- Member of the Human Resource Faculty Search Committee, 2010-2011.

#### **PROFESSIONAL DEVELOPMENT/EDUCATION**

- Participating in Center for Mindfulness Mindfulness Based Stress Reduction (MBSR) Teacher certification program through the University of Massachusetts Medical School (Mindfulness Tools Program, MBSR in Mind-Body Medicine Program)
- Participated in SAP Retail Training and Curriculum Development Workshop, 2008
- Participated in a Master Teacher Workshop developed by faculty at Georgia State University, 2007.
- Participated in Grantsmanship Training Program, 2003.
- Attended an AACSB Continuous Improvement Symposium as a representative of the College of Business and Technology, UT Tyler, 2001.

#### **PROFESSIONAL MEMBERSHIPS AND SERVICE**

- Member of the Editorial Review Board for the Journal of Computer Information Systems.
- Member of the Association for Information Systems, 1994 to present
- Member of the Association for Information Systems special interest group SIGADIT (Adoption and Diffusion of Information Technology) and SIGHEALTH (IT in Health Care) and SIGPhil (Philosophy in Information Systems)
- Served as a reviewer for the Journal of the Association for Information Systems, European Journal of Information Systems, the Journal of Information Technology Cases and Applications, and the MIS Quarterly.
- Mini-Track chair (with D. Tuncalp) for “Bodyware: Information Systems in the Age of Augmented Body and Enhanced Mind, 19<sup>th</sup> Americas Conference on Information Systems (AMCIS 2013).

#### **OTHER RELEVANT EXPERIENCE**

- Served as an expert witness/consultant for a law firm in regard to an Internet intellectual property case, Dallas, TX, 2007.
- Served as Faculty-in-Residence for the SAP Retail Installation Project at Brookshire Grocery Company, Tyler, TX, Fall 2007.
- Developed and taught an executive computer education course for a local company, Tyler, TX, 2000.
- Served as Faculty-in-Residence for a Logistics Reengineering Project at Perdue Farms, Salisbury, MD, Summer 1995