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**Jeffrey S. Babb, Ph.D.**  
**Associate Professor**  
**Computer Information and Decision Management**  
**College of Business**  
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## **Academic Background**

Ph.D. Virginia Commonwealth University, Richmond, VA, Information Systems, 2009.

M.S. Virginia Commonwealth University, Richmond, VA, Information Systems, 2005.

M.U.R.P. Virginia Commonwealth University, Richmond, VA, Urban and Regional Planning, 2000.

B.A. University of Hawaii-Manoa, Honolulu, HI, Geography and Geographic Information Systems (Environmental Studies Emphasis), 1991.

## **Certifications**

Agile Alliance Certified Scrum Master, 2015, Dallas, Texas.

Agile Alliance Certified Scrum Product Owner, 2015, Dallas, Texas.

Academy of Certified Media Producers Adobe Certification, 2014, Canyon, TX.

## **Work Experience**

### **Academic Experience**

Associate & Gensler Professor of Computer Information Systems, West Texas A&M University (2015 - Present), Canyon, Texas.

Assistant Professor of Computer Information Systems & Terry Professor of Business, West Texas A&M University (2009 - 2014), Canyon, Texas.

Instructor, Virginia Commonwealth University (January, 2001 - July, 2009), Richmond, Virginia. I was a full-time collateral/non-tenure-track instructor during this time. I was on the faculty and sustained full-time employment benefits.

### **Intellectual Contributions:**

#### **Refereed Articles**

Yates, D., Frydenberg, M., Waguespack, L., McDermott, I., OConnell, J., Chen, F. & Babb, J.S. (2019). Dotting i's and Crossing T's: Integrating Breadth and Depth in an Undergraduate Cybersecurity Course. *Information Systems Education Journal*, 17 (6), 41-62.

Waguespack, L., & Babb, J. S. (2019). Towards Visualizing Computing Curricula: The Challenge of Competency. *Information Systems Education Journal*, 17 (4), 51-69.

Waguespack, L. J., Babb, J. S., & Yates, D. J. (2018). Triangulating Coding Bootcamps in IS Education: Bootleg Education or Disruptive Innovation? *Information Systems Education Journal*, 16 (6), 48.

- Waguespack, L., & Babb, J. (2017). Grounding IS Design Education in the First Principles of a Designerly Way of Knowing. *Information Systems Education Journal*, 15 (6), 62-71.
- Jafar, M. J., Babb, J. S., & Abdullat, A. (2017). Emergence of Data Analytics in the Information Systems Curriculum. *Information Systems Education Journal*, 15 (5), 22-36.
- Keith, M. J., Babb, J. S., Furner, C., Abdullat, A., & Lowry, P. B. (2016). Limited Information and Quick Decisions: Consumer Privacy Calculus for Mobile Applications. *8AIS Transactions on Human-Computer Interaction*, 8 (3), 88-130.
- Steinbart, P., Keith, M. J., & Babb, J. S. (2016). Examining the Continuance of Secure Behavior: A Longitudinal Field Study of Mobile Device Authentication. *Information Systems Research*, 27 (2), 219-239.
- Longenecker, B., Babb, J. S., Waguespack, L., Tastle, W., & Landry, J. (2016). Use of Failure in IS Development Statistics: Lessons for IS Curriculum Design. *Information Systems Education Journal*, 14 (5), 44-61.
- Babb, J., De'Armond, D., Kinsky, E., Drumheller, K., & Gerlich, R. N. (2015). Multi-screen environments and Social Media Triggers: Uses and Gratification. *Journal of Retail Analytics*, XII (3), 13-19.
- Furner, C. P., Racherla, P., & Babb, J. S. (2015). What We Know and Do Not Know About Mobile App Usage and Stickiness: A Research Agenda. *International Journal of E-Services and Mobile Applications*, 7 (3), 48-69.
- Keith, M., Babb, J., Lowry, P., Furner, C., & Abdullat, A. A. (2015). The Role of Mobile-Computing Self-Efficacy in Consumer Information Disclosure. *Information Systems Journal*, 25 (4), 637-667.
- Gerlich, N., Drumheller, K., Babb, J. S., & De'Armond, D. (2015). App Consumption: An Exploratory Analysis of the Uses & Gratifications of Mobile Apps. *Academy of Marketing Studies Journal*, 19 (1), 74-84.
- Carley, M., & Babb, J. (2015). A Match in the Making: How Emergent Changes in the Marketing Discipline Present Opportunities for Information Systems Programs. *Information Systems Education Journal*, 13 (6), 54-67.
- Humpherys, S. L., Babb, J., & Abdullat, A. (2015). Where do Student Outcomes Begin? Developing Professional and Personal Management Skills as a Strategy for Student Success in the First Computing Course and Beyond. *Information Systems Education Journal*, 13 (6), 4-26.
- Longenecker, H., Babb, J., Waguespack, L., Janicki, T., & Feinstein, D. (2015). Establishing the Basis for a CIS (Computer Information Systems) Undergraduate Degree Program: On Seeking the Body of Knowledge. *Information Systems Education Journal*, 13 (5), 37-61.
- Lang, G., & Babb, J. (2015). Addressing the 21st Century Paradox: Integrating Entrepreneurship in the Computer Information Systems Curriculum. *Information Systems Education Journal*, 13 (4), 81-91.
- Jafar, M., Babb, J. S., & Dana, K. (2014). Decision-Making via Visual Analysis using the Natural Language Toolkit and R. *Journal of Information Systems Applied Research*, 7 (1), 33-46.
- Babb, J. S., Hoda, R., & Nørbjerg, J. (2014). Embedding Reflection and Learning into Agile Software Development. *IEEE Software*, 31 (4), 51-57.
- Womble, L., De'Armond, D., & Babb, J. (2014). A Model for Designing Faculty-Led Study Abroad Programs in the Business Curriculum. *Academy of Educational Leadership Journal*, 18 (3), 93-110.
- Babb, J., Womble, L., & De'Armond, D. (2014). Embedding International Experiences in Business Curriculum Design: Cultivating a Study Abroad Program. *Research in Higher Education Journal*, 18 (3), 93-110.
- Racherla, P., Furner, C., & Babb, J. S. (2014). Mobile App Stickiness (MASS) and Mobile Interactivity: A

Conceptual Model. *The Marketing Review*, 14 (2).

Babb, J. S., & Waguespack, L. (2014). In Search of Design-Focus in IS Curricula. *Information Systems Education Journal*, 12 (4), 29-39.

Babb, J. S., & Abdullat, A. (2014). Communicating the Value of Program-Level Accreditation for Information Systems in the College of Business. *Information Systems Education Journal*, 12 (3), 39-58.

Babb, J. S., Longenecker, B., Baugh, J., & Feinstein, D. (2014). Confronting the Issues of Programming In Information Systems Curricula: The Goal is Success. *Information Systems Education Journal*, 12 (1), 42-73.

Wenger, M. R., Thomas, M., & Babb, J. S. (2013). Financial Reporting Comparability: Toward an XBRL Ontology of the FASB/IFRS Conceptual Framework. *International Journal of Electronic Finance*, 7 (1), 15-32.

Babb, J. S., & Terry, N. (2013). Comparing Video Game Sales by Gaming Platform. *Southwestern Economic Review*, 40 (1), 25-46.

Hoda, R., Babb, J. S., & Nørbjerg, J. (2013). Toward Learning Teams. *IEEE Software*, 30 (4), 95-98.

Babb, J., Terry, N., & Dana, K. (2013). The Impact of Platform on Global Video Game Sales. *International Business & Economics Research Journal*, 12 (10), 1273-1288.

Andoh-Baidoo, F., Babb, J. S., & Agyepong, L. (2012). E-Government Readiness of Ghana: SWOT and PEST Analysis. *Electronic Government, an International Journal*, 9 (4), 403-419.

Babb, J. S., De'Armond, D., Drumheller, K., & Gerlich, N. R. (2012). GenMobile: An examination of the I2S-M relationship and how college students utilize mobile apps. *Journal of Retail Analytics*, 8 (3).

Babb, J. S., & Abdullat, A. A. (2012). Using Social Network Analysis to Leverage the Industrial Advisory Board for Continuous Program Improvement. *Journal of Research in Business Information Systems*, 5 (5), 70-101.

Babb, J. S., & Keith, M. (2012). Co-Creating Value in Systems Development: A Shift towards Service-Dominant Logic. *Journal of Information Systems Applied Research*, 5 (1), 4-15.

Racherla, P., Furner, C., & Babb, J. S. (2012). Multi-channel interactions and customer relationship in service firms: A theoretical model. *Journal of International Business*, 4 (1), 131-155.

Babb, J. S., Longenecker, H. E., Woratschek, C. R., & Abdullat, A. A. (2012). Engaging in Reflective Decision-Making: The Role of Skills in the Development of the Information Systems Undergraduate Curriculum. *Journal of Higher Education Theory and Practice*, 12 (2), 20-33.

Jafar, M. J., & Babb, J. S. (2012). Reasserting the Fundamentals of Systems Analysis and Design through the Rudiments of Artifacts. *Information Systems Education Journal*, 10 (3), 67-85.

Babb, J. S., & Abdullat, A. A. (2012). The Need for Mobile Application Development in IS Curricula: An Innovation and Disruptive Technologies Perspective. *Information Systems Education Journal*, 10 (1), 61-74.

## **Invited Articles/Reviews**

Babb, J. S., Waguespack, L., & Abdullat, A. (in press, 2019). Subsumption of Information Systems Education Towards a Discipline of Design. *Journal of Information Systems Education*.

Babb, J. S. (2017). Finding the Ghost in the Machine. A Janus perspective. *Scandinavian Journal of Information Systems*, 29 (2), 103-106.

## **Book Chapters**

### **Non-Refereed**

Furner, C. P., Racherla, P., & Babb, J. (2016). Chapter 5 What We Know and Do Not Know About Mobile App Usage and Stickiness: A Research Agenda. *Geospatial Research: Concepts, Methodologies, Tools, and Applications* (pp. 25). Information Resources Management Association.

### **Refereed**

Furner, C. P., Racherla, P., Babb, J., & Zinko, R. (2018). Mobile Application Stickiness: Why Do Mobile Applications Get Deleted So Quickly?. In Mehdi Khosrow-Pour (Ed.), *Optimizing Current Practices in E-Services and Mobile Applications*. United States: IGI Global.

Babb, J. S., Hoda, R., & Nørbjerg, J. (2013). Barriers to Learning in Agile Software Development Projects. In Hubert Baumeister, Barbara Weber (Ed.), *Agile Processes in Software Engineering and Extreme Programming: 14th International Conference, XP 2013, Vienna, Austria, June 3-7, 2013. Proceedings* (pp. 1-15). Berlin, Germany: Springer Berlin Heidelberg.

Babb, J. S., & Nørbjerg, J. (2010). A Model for Reflective Learning in Small Shop Agile Development. In Judith Molka-Danielsen (Ed.), *IRIS: Selected Papers of the Information Systems Research Seminar in Scandinavia Nr. 1 (2010): IRIS 33 Engaged Scandinavian Research* (pp. 23-38). Trondheim, Norway: Tapir Academic Press.

Babb, J. S. (2007). Corporate Governance for IS Security. In Gurpreet Dhillon (Ed.), *Principles of Information Systems Security: Text and Cases* (pp. 198-218). Danvers, Massachusetts, USA: John Wiley & Sons.

## **Refereed Proceedings**

### **Full Paper**

Payne, K. C., Keith, M. J., Babb, J., & Spruill, A. N. (2018). Development and Validation of the Information Systems Creative-Self-Efficacy Scale. *Hawaii International Conference on System Sciences 2018 (HICSS-51)*.

Payne, K. C., Keith, M. J., Babb, J., & Spruill, A. N. (2018). Development and Validation of the Information Systems Creative-Self-Efficacy Scale. *Hawaii International Conference on System Sciences (HICSS), 51, 124-133*.

Babb, J. S., Waguespack, L., & Yates, D. (2018). Approaching Recursively-Emergent Wicked Problems in Information Systems Design with a Designerly Epistemology of Practice. *Proceedings of the 2018 Association of Business Information*.

Babb, J. S., Nørbjerg, J., Yates, D. J., & Waguespack, L. J. (2018). The Empire Strikes Back: The end of Agile as we know it? *Selected Papers of the Information Systems Research Seminar in Scandinavia*.

Keith, M. J., Reeves, K. S., Frederickson, J. T., & Babb, J. S. (2018). Optimizing Privacy Policy Videos to Mitigate the Privacy Policy Paradox. *Hawaii International Conference on System Sciences 2018 (HICSS-51)*.

Waguespack, L. J., Babb, J. S., & Yates, D. (2018). In Search of a Cure for a Psychosis in Information Systems Design: Co-created Design and Metaphorical Appreciation. *Hawaii International Conference on System Sciences 2018 (HICSS-51)*.

Sharp, J., & Babb, J. S. (2018). Is Information Systems Late to the Party? The Current State of DevOps Research in the Association for Information Systems eLibrary. *Americas Conference on Information Systems*.

Bakir, N., Babb, J. S., & Abdullat, A. (2017). One CISTer at a Time: Building Strong Relationships through a Female Mentoring Program in Computer Information Systems. *Education Special Interest Group of the Association for Information Technology Professionals*.

Waguespack, L. J., Yates, D., & Babb, J. S. (2017). *Contemplating Design Pedagogy in Computing*

Education. Eleventh International Conference on Design Principles & Practices.

Steinbart, P., Keith, M., & Babb, J. S. (2017). Measuring Privacy Concern and the Right to Be Forgotten. Hawaii International Conference on System Sciences 2017 (HICSS-50).

Waguespack, L., Babb, J., & Yates, D. J. (2017). "Refactoring" Refactoring. Hawaii International Conference on System Sciences 2017 (HICSS-50).

Jafar, M., Waguespack, L. J., & Babb, J. S. (2017). A Visual Analytics Approach to Gain insights into the Structure of Computing Curricula. Education Special Interest Group of the Association for Information Technology Professionals.

Keith, M. J., Reeves, K. S., Frederickson, J. T., & Babb, J. S. (2017). Resolving the Privacy Policy Paradox with Content-Optimized Videos. The 2017 Dewald Roode Workshop on Information Systems Security Research, IFIP WG8.11/WG11.13.

Waguespack, L. J., Babb, J. S., & Yates, D. J. (2017). Triangulating Coding Bootcamps in IS Education: Bootleg Education or Disruptive Innovation? Education Special Interest Group of the Association for Information Technology Professionals.

Babb, J. S., Keith, M. J., & Steinbart, P. (2016). Can Relaxing Security Policy Restrictiveness Improve User Behavior? A Field Study of Authentication Credential Usage. 49th Hawaii International Conference on System Sciences (HICSS 2016), IEEE.

Longenecker, H. E., Babb, J. S., Waguespack, L. J., Tastle, W., & Feinstein, D. (2016). An Update on the CIS Curriculum Project. Education Special Interest Group of the Association for Information Technology Professionals.

Babb, J. S., Keith, M. J., & Steinbart, P. (2016). Information Security Restrictiveness: A Sociotechnical Perspective on Password Policies. 2016 IFIP 8.11/11.13 Dewald Roode Information Security Research Workshop.

Longenecker, Jr., H. H., Babb, J. S., Waguespack, L., Tastle, W., & Landry, J. (2015). Use of Failure in IS Development Statistics: Lessons for IS Curriculum Design. Education Special Interest Group of the Association for Information Technology Professionals.

Babb, J. S., Nørbjerg, J., & Hoda, R. (2014). XP in a small software development business: Adapting to local constraints. 5th Scandinavian Conference on Information Systems (SCIS 2014).

Carley, M., & Babb, J. S. (2014). A Match in the Making: How Emergent Changes in the Marketing Discipline Present Opportunities for Information Systems Programs. Information Systems Education Conference (ISECON 2014).

Longenecker, Jr., B. E., Babb, J. S., Waguespack, L., Janicki, T., & Feinstein, D. (2014). Establishing the Basis for a CIS (Computer Information Systems) Undergraduate Degree Program: On Seeking the Body of Knowledge. Information Systems Education Conference (ISECON 2014).

Keith, M. J., Evans, C. M., Lowry, P. B., & Babb, J. S. (2014). Privacy Fatigue: The Effect of Privacy Control Complexity on Consumer Electronic Information Disclosure. 2014 International Conference on Information Systems (ICIS 2014).

Keith, M. J., Babb, J. S., & Lowry, P. B. (2014). A Longitudinal Study of Information Privacy on Mobile Devices. 47th Hawaiian International Conference on Systems Sciences (HICSS 2014).

Babb, J. S., Browning, L., Womble, L. W., & Abdullat, A. (2014). Designing a Student Mentor Program for Engagement and Retention in a College of Business at a Regional Institution. 2014 Clute Institute International Academic Conference in San Antonio.

- Keith, M. J., Ngo, N., & Babb, J. S. (2014). The Effects of Consumer Self-regulation and Risk Immediacy on Mobile Information Disclosure Over Time. Proceedings of the 2014 Dewald Roode Workshop on Information Systems Security Research, IFIP WG8.11/WG11.13.
- Keith, M., Ngo, N., & Babb, J. S. (2014). The effects of consumer self-regulation on information disclosure over mobile devices. 20th Americas Conference on Information Systems (AMCIS 2014).
- Lang, G., & Babb, J. S. (2014). Addressing the 21st Century Paradox: Integrating Entrepreneurship in the Computer Information Systems Curriculum. Information Systems Education Conference (ISECON 2014).
- Keith, M. J., Babb, J. S., & Steinbart, P. (2013). A Longitudinal Field Study of Authentication Credential Efficacy over Mobile. Proceedings of the 2013 Dewald Roode Workshop on Information Systems Security Research, IFIP WG8.11/WG11.13.
- Longenecker, Jr., H. E., Feinstein, D. L., & Babb, J. S. (2013). Is There a Need for a Computer Information Systems Model Curriculum? Information Systems Educators Conference (ISECON 2013).
- Jafar, M., Babb, J. S., & Dana, K. (2013). Decision-Making via Visual Analysis using the Natural Language Toolkit and R. Conference for Information Systems Applied Research (CONISAR 2013), 6 (2821), 15.
- Babb, J. S., & Waguespack, L. J. (2013). In Search of Design-Focus in IS Curricula. Information Systems Education Conference (ISECON 2013), 30 (2560), 12.
- Babb, J. S., Hoda, R., & Nørbjerg, J. (2013). Barriers to Learning in Agile Software Development Projects. 14th International Conference on Agile Software Development.
- Babb, J. S., Longenecker, Jr., H. E., Baugh, J., & Feinstein, D. (2013). Confronting the Issues of Programming in Information Systems Curricula: The Goal is Success. Information Systems Education Conference (ISECON 2013), 30 (2572), 31.
- Babb, J. S., & Abdullat, A. (2013). Communicating the Value of Program-Level Accreditation for Information Systems in a College of Business. Information Systems Education Conference (ISECON 2013), 30 (1435), 19.
- Jafar, M., Babb, J. S., & Dana, K. (2012). A Framework for an Interactive Word-Cloud Approach for Visual Analysis of Digital Text using the Natural Language Toolkit. Conference for Information Systems Applied Research (CONISAR 2012).
- Babb, J. S., Dana, K., Keith, M., & Jafar, M. (2012). Evolving Mobile Architectures: A Case Study in the Development of a Location Privacy Application. Conference for Information Systems Applied Research (CONISAR 2012).
- Babb, J. S., & Sharma, S. (2012). A Review of Knowledge Management Techniques for Crisis and Relief Management. Association of Business Information Systems, 89-98.
- Jafar, M., & Babb, J. S. (2011). Reasserting the Fundamentals of Software Systems Analysis and Design through the Rudiments of Artifacts. Information Systems Education Conference (ISECON 2011), 28 (1671), 19.
- Keith, M. J., Babb, J. S., Furner, C., & Abdullat, A. (2011). The Role of Mobile Self-Efficacy in the Adoption of Location-Based Applications: An iPhone Experiment. 44th Hawaii International Conference on System Sciences (HICSS 2011), Kauai, 10.
- Babb, J. S., & Abdullat, A. (2011). Using Social Network Analysis to Leverage the Industrial Advisory Board for Regional Institutions: Program Reflection and Improvement. Association of Business Information Systems.

Racherla, P., Babb, J. S., & Keith, M. (2011). Pay-What-You-Want Pricing for Mobile Applications: The Effect of Social Information and Privacy Assurances. Conference for Information Systems Applied Research (CONISAR 2011), 4 (1835), 12.

Wenger, M., Thomas, M., & Babb, J. S. (2011). An Ontological Approach to XBRL Financial Statement Reporting. 17th Americas Conference on Information Systems.

Keith, M. J., Babb, J. S., Lowry, P. B., Furner, C. P., & Abdullat, A. (2011). The Roles of Privacy Assurance, Network Effects, and Information Cascades in the Adoption of and Willingness to Pay for Location-Based Services with Mobile Applications. Proceedings of the 2011 Dewald Rode Workshop on Information Systems Security Research, IFIP WG8.11/WG11.13.

Jafar, M., & Babb, J. S. (2010). Artifacts as Interface: Reasserting the Fundamentals of Software Systems Analysis and Design. Information Systems Education Conference (ISECON 2010), 27 (1390), 14.

Keith, M., Babb, J. S., Furner, C. P., & Abdullat, A. (2010). Privacy Assurance and Network Effects in the Adoption of Location-Based Services: an iPhone Experiment. International Conference on Information Systems (ICIS 2010), St. Louis, Missouri: Association for Information Systems.

Babb, J. S., Longenecker, B., Woratschek, C., & Abdullat, A. (2010). The Role of Skills in the Development of the Undergraduate Curriculum: The Case for Double-Loop Learning in Decision-Making. Information Systems Education Conference (ISECON 2010), 27 (1391), Nashville, Tennessee:, 13.

Li, Y., Wynne, A.J., & Babb, J. S. (2009). Preparing Tomorrow's Global Decision Makers: A Case for Geographic Information Systems in the Business Curriculum. Meeting of the Decision Science Institute (DSI).

Babb, J. S. (2009). Reconsidering the Role of Reflection in Agile Methods: the Adoption of Extreme Programming in the Case of Small-Shop Software Development. Proceedings of the 8th AIS SIGSAND Symposium.

### **Abstract Only**

Drumheller, K., Gerlich, N., Babb, J. S., & De'Armond, D. (2013). App Consumption: An Exploratory Analysis of the Uses and Gratifications of Mobile Apps. Academy of Marketing Association Summer Marketing Educators' Conference, 24, 38-39.

Wenger, M., Thomas, M., & Babb, J. S. (2012). A Financial Statement Reporting Ontology for XBRL. American Accounting Association Information Systems Section & Strategic and Emerging Technologies Section.

Babb, J. S., & Keith, M. (2011). Co-Creating Value in Systems Development: A Shift towards Service-Dominant Logic. Conference for Information Systems Applied Research (CONISAR 2011), 4 (1835), Wilmington, NC:, 12.

Babb, J. S., & Abdullat, A. (2011). The Need for Mobile Application Development in IS Curricula: An Innovation and Disruptive Technologies Perspective. Information Systems Education Conference (ISECON 2011), 28 (1682), 14.

Racherla, P., Keith, M., & Babb, J. S. (2011). Pay-What-you-Want Pricing for Mobile Phone Applications: The Effects of Social Information and Privacy Assurances on Innovative Marketing Technology. Academy of Marketing Association Summer Marketing Educator's Conference 2011.

## **Presentation of Refereed Papers**

### **International**

Babb, J. S. & Abdullat, A. (2014). Where do Student Outcomes Begin? Using the First Computing Course to Development Personal and Life Skills as a Strategy for Student Success. 2014 ABET Symposium, Pittsburg, Pennsylvania.

Babb, J. S. & Abdullat, A. (2014). Lessons Learned from Full Initial Accreditation of a Computing Program in a College of Business. 2014 ABET Symposium, Pittsburg, Pennsylvania.

Jafar, M., Dana, K., & Babb, J. S. (2014). Interactive Information Visualization with HTML 5 and Web-GL (Continued). Information Systems Education Conference (ISECON 2014), Baltimore, Maryland.

Dana, K., Babb, J. S., & Jafar, M. (2013). HTML 5: A Hands-On Workshop for Leveraging the Latest in Web Technology. Information Systems Education Conference (ISECON 2013), San Antonio, Texas.

Jafar, M., Babb, J. S., & Dana, K. (2013, November). Data Analytics with R. Information Systems Education Conference (ISECON 2013), San Antonio, Texas.

Babb, J. S., Hoda, R., & Nørbjerg, J. (2013, June). Barriers to Learning in Agile Software Development Projects. 14th International Conference on Agile Software Development, Vienna, Austria.

Jafar, M., Babb, J. S., & Dana, K. (2012, November). Data Mining Methods Workshop Using R. Information Systems Educators Conference (ISECON 2012), New Orleans, Louisiana.

Lind, M. R., Hall, B. H., Chen, W., Babb, J. S., Leal, H., Pauli, W. E., Reynolds, J., Schwieger, D., Surendran, K., Subramanian, R. (2011). Model Curriculum "Wiki" Birds of a Feather Panel Session. Information Systems Educators Conference (ISECON 2011), Wilmington, North Carolina.

Jafar, M. & Babb, J. (2011, November). Data Mining Methods Workshop Using SQL Server Analysis Services. Information Systems Education Conference (ISECON 2011), Wilmington, North Carolina.

### **National**

Abdullat, A. & Babb, J. S. (2010). Leveraging the Advisory Board for Regional Institutions as a Critical Nexus for Program Accreditation. ABET Symposium 2010, Las Vegas, Nevada.

Babb, J. S. (2007). Harnessing .NET as a Framework for Assessment Data Management. Best Assessment Process Symposium IX, Terre Haute, Indiana.

Babb, J. S. (2006). Signification and Information Systems Security Policies: A Semiotic Analysis and Case Study. The Security Conference, Las Vegas, Nevada.

Babb, J. S. (2004). Corporate Governance for Information Systems Security: Responsible Security Governance. The Security Conference, Las Vegas, Nevada.

### **Regional**

Babb, J. S. & Nørbjerg, J. (2010, August). A Model for Reflective Learning in Small Shop Agile Development. 33rd Information Systems Research in Scandinavia Workshop (IRIS), Comwell Rebild Bakker, Denmark.

Babb, J. S. & Wynne, J. (2006). From Silos to Modules: A Business Response for Undergraduate Information Systems Programs Under Siege. South East Decision Sciences Institute Conference (SEDSI), Wilmington, North Carolina.

Babb, J. S. & Wynne, J. (2006). Engendering Spatial Awareness and Analysis in the Business School Curriculum: An Undergraduate Course in GIS. South East Decision Sciences Institute Conference (SEDSI), Wilmington, North Carolina.

## **Presentation of Non-Refereed Papers**



## **International**

Babb, J. S., Waguespack, L. J., Jafar, M. J., Sharp, J. H., Tastle, W., Jeff Landry University of South Alabama (2017). 2017 Progress Report of the EDSIG Standing Committee for Curricular Matters. Invited presentation at Education Special Interest Group of the Association for Information Technology Professionals, Austin, Texas.

Steinbart, P. J., Keith, M. J., & Babb, J. S. (2013). The Effect of the Human-Computer Interface on the Continuance of Secure Behavior. Invited presentation at 2013 Research Workshop National Chung Cheng University, Chiayi, Taiwan.

Longenecker, Jr., B., Babb, J. S., Landry, J., Pardue, J. H., Leidig, P., Bruce White Quinnipiac University (2010). Incorporation of Skills and Graduate Characteristics into a Framework for Program Assessment and Accreditation. Information Systems Education Conference (ISECON 2010), Nashville, Tennessee.

## **Regional**

Wynne, A.J. & Babb, J. S. (2008). Workshop: Geographic Information Systems. Invited presentation at South East Decision Sciences Institute Conference (SEDSI), Orlando, Florida.

## **Research Grants**

### **Funded**

2017: Bakir, N. WTAMU Foundation Grant, Co-Investigator.

2016: Babb, J. S. WTAMU Foundation Development Grant, Co-Investigator, WTAMU Foundation.

2013: Abdullat, A. & Babb, J. S., Lumina Degree Qualifications Profile, Lumina Foundation.

2013: Babb, J. S. Study Abroad Faculty-Led Site Visit Grant, Principal Investigator, West Texas A & M University. \$3,000 grant to develop faculty-led study abroad program in Sweden, Norway, and Denmark.

2011: Babb, J. S. Study Abroad Faculty-Led Site Visit Grant, West Texas A & M University. \$3,000 grant to develop faculty-led study abroad program in Denmark.

2010: Babb, J. S., Keith, M., & Racherla, P., Understanding Privacy Risk with Location-based Mobile Devices and Applications: A Study of WTAMU and the Surrounding Community, Principal Investigator, Kilgore Research Center.

## **Service:**

### **Service to the University**

#### **Department Assignments**

##### **Faculty Advisor:**

2009-2010 – 2012-2013: CIDM Departmental Student Field Trip

2009-2010 – 2012-2013: WT Technology Club

##### **Member:**

2012-2013: CIDM Faculty Search Committee

##### **Other Institutional Service Activities:**

2009-2010 – 2012-2013: CIDM Computer Labs and Servers Supervisor

2009-2010 – 2011-2012: Design and Development of the CIDM Department's Program Assessment Reporting System

### **College Assignments**

#### **Chair:**

2018-2019: Strategic Planning and Assessment Committee (Co-Chair)

2015-2016: Retention, Tenure, and Promotion Committee

#### **Member:**

2018-2019: Administrative Committee

2016-2017 – 2018-2019: Retention, Tenure, and Promotion Committee

2014-2015 – 2018-2019: Scholarship Committee

2017-2018: Strategic Planning & Assessment Committee

2017-2018: College of Business Curriculum Committee

2016-2017: Accreditation Engagement, Innovation, and Impact Committee

2015-2016 – 2016-2017: Strategic Planning and Assessment Committee

2014-2015 – 2016-2017: Curriculum Committee

2014-2015: Administrative Committee

2013-2014 – 2014-2015: Strategic Planning & Assessment Committee

2013-2014: Administrative Committee

2012-2013 – 2013-2014: Curriculum Committee

2012-2013: COB Outreach Committee

2012-2013: Global and Ethical Awareness Mission Coordination Committee

2010-2011 – 2011-2012: Scholarship Committee

2010-2011 – 2011-2012: Marketing and Public Relations Committee

2009-2010: Scholarship Committee

2009-2010: Instructional Resources and Technology Committee

### **College Assignments**

#### **Other Institutional Service Activities:**

2010-2011 – 2012-2013: CIDM Servers Maintenance: Southwest Economic Review Website

2009-2010 – 2012-2013: CIDM Servers Maintenance: BuffBusiness Blog/Newsletter

2009-2010 – 2012-2013: CIDM Servers Maintenance: Syllabi Search

#### **Member:**

2012-2013: SIFE/Enactus Business Advisory Board

## **University Assignments**

### **Faculty Advisor:**

2011-2012 – 2013-2014: WTAMU Advising Services Fellow  
2011-2012: Faculty-Led Study Abroad: Denmark and Sweden  
2010-2011 – 2011-2012: New Student Orientation Faculty Adviser  
2010-2011: WT Flight Club  
2009-2010 – 2010-2011: WT Technology Club

## **University Assignments**

### **Member:**

2018-2019: Academic Calendar Committee  
2017-2018 – 2018-2019: Information Technology Advisory Committee  
2017-2018 – 2018-2019: Graduate Advisory Council  
2017-2018 – 2018-2019: Faculty Senate  
2013-2014 – 2018-2019: Core Curriculum Committee  
2013-2014: INFORMATION TECHNOLOGY COMMITTEE  
2010-2011 – 2012-2013: ALCOHOL AND OTHER DRUGS COMMITTEE

## **University Assignments**

### **Member:**

2013-2014 – 2019-2020: Orientation Committee

## **University Assignments**

### **Member:**

2015-2016: Promotion and Tenure Committee

## **University Assignments**

### **Member:**

2012-2013: Search Committee for the Director of Study Abroad - resulting in the hiring of Carolina Galloway

## **University Assignments**

### **Member:**

2018-2019: Student Fee Advisory Committee  
2017-2018 – 2018-2019: Strategic Planning - Leadership Governance and Organization

## **University Assignments**

**Member:**

2013-2014: Study Abroad Task Force

2010-2011 – 2013-2014: Study Abroad Committee

**University Assignments****Mentoring Activities:**

2010-2011: First Year Experience Mentor Program

**University Assignments****Mentoring Activities:**

2014-2015: WTAMU 21st Annual Student Research Center

2014-2015: No Excuses College Mentoring Program!

2013-2014: WTAMU 20th Annual Student Research Conference

2013-2014: Minute to Win It 2013 (Demystifying Faculty at Orientation)

**Other Institutional Service Activities:**

2013-2014: Campus Greeter Program

2010-2011: Seventeenth Annual WTAMU Student Research Conference

**State-wide Assignments****Faculty Advisor:**

2010-2011: Texas Undergraduate Research Day at the Capitol

**State-wide Assignments****Faculty Advisor:**

2012-2013: Texas Undergraduate Research Day at the Capitol

**State-wide Assignments****Other Institutional Service Activities:**

2010-2011: 8th Pathways Student Research Symposium

**Service to the Profession****Academic Conference: Moderator / Facilitator**

2014: 37th Information Systems Research in Scandinavia Seminar (IRIS), Ringsted, Denmark. Group Leader, Projects & Systems Development

**Academic Conference: Panelist**

2015: Education Special Interest Group of the Association for Information Technology Professionals.

# **Report of the EDSIG CIS Curriculum Task Group: Status; Immediate Issues - Mapping Body of Knowledge to Exit Objectives; Call for Participation**

**Bart Longenecker  
University of South Alabama**

**Jeffry Stephen Babb  
West Texas A&M University**

**Leslie Waguespack  
Bentley University**

**William Tastle  
Ithaca College**

**Jeff Landry  
University of South Alabama**

## **Objectives**

This is a status report of the ongoing efforts of the task group sponsored by the EDSIG Standing Committee on Curricular Matters studying the curricular content of academic programs focusing on the preparation of professional IS developers. Task Force focus to date: 1) Identifying and ranking IS development skills derived from industry studies of professional practice, 2) Assessing the industry skills coverage of published curricular guidelines in computing, 3) Aligning learning outcomes with world class software development skills (Best practice in requirement and systems analysis, design, programming, and project management), 4) Curriculum/pedagogy design based upon skills-based exit specifications. A brief review of the working Body of Knowledge and Curriculum Objectives is presented as a basis for group and audience discussion. Over and above reporting their progress, the task group seeks to recruit EDSIG members to join the task group's work through collaborative initiatives that advance this curricular study while involving a wide range of IS and computing academic professionals.

## **Targeted Attendees**

IS Educators and Practitioners interested in the alignment of curricula with the skill sets of IS developers in professional practice.

**Recommended Citation:** Longenecker, B., Babb, J. S., Waguespack, L., Tastle, W., Landry, J., (2015). Report of the EDSIG CIS Curriculum Task Group: Status; Immediate Issues - Mapping Body of Knowledge to Exit Objectives; Call for Participation . *Proceedings of the EDSIG Conference*, (2015) n.3556, Wilmington, NC.

2011: Information Systems Education Conference (ISECON 2011), Wilmington, North Carolina.

## **Model Curriculum "Wiki" Birds of a Feather Panel Session**

**Mary R. Lind**  
**North Carolina A&T State University**

**Brian R Hall**  
**Champlain College**

**Wenshin Chen**  
**Abu Dhabi University**

**Jeffry Stephen Babb**  
**West Texas A&M University**

**Hector Leal**  
**University of Texas Pan American**

**Wayne E Pauli**  
**Dakota State University**

**John Reynolds**  
**Grand Valley State University**

**Dana Schwieger**  
**Southeast Missouri State University**

**Ken Surendran**  
**Southeast Missouri State University**

**Ramesh Subramanian**  
**Quinnipiac University**

### **Objectives**

The purpose of this informal discussion is to promote involvement in our curriculum wiki. In ISECON 2010 faculty generated substantial panels, papers, and discussion regarding the ACM/AIS IS 2010: Curriculum Guidelines for Undergraduate Degree Programs in Information Systems. Model curricula are of considerable interest to educators in the computing fields for developing ideas and discussion concerning curricula development. In recent years, collaborative tools for collective authorship of content and ideas have risen to prominence with tools such as discussion forums and Wikis. A tool for collective idea generation, such as a

Wiki, allows IS educators to conduct an ongoing conversation on the IS Curriculum as it evolves. ISECON group seeks to involve the entire IS educators community in this discussion. As such, we have created a Wiki to facilitate our discussion.

### **Outcomes**

The ACM/AIS IS 2010 Model Curriculum is a springboard for this discussion. As this Wiki develops, we want the full IS community to become authors and develop this knowledge repository based on areas of interests and around communities of practice. Naturally, there are controls for trustworthiness and security with any open-authored wiki, Wikipedia.org has proven that such a community-authored and community-edited knowledge repository can exist. We are looking for volunteers to help build content in this wiki.

### **Targeted Attendees**

IS Educators

**Recommended Citation:** Lind, M. R., Hall, B. R., Chen, W., Babb, J. S., Leal, H., Pauli, W. E., Reynolds, J., Schwieger, D., Surendran, K., Subramanian, R., (2011). The Proceedings of the Information Systems Education Conference, v.28 n.1770, Wilmington NC.

2010: Information Systems Education Conference (ISECON 2010), Nashville, Tennessee.

## **Panel Presentation**

### **Incorporation of Skills and Graduate Characteristics into a Framework for Program Assessment and Accreditation**

**Bart Longenecker**  
**longeneckerb@gmail.com**  
**University of South Alabama**

**Jeffry Babb**  
**jbabb@wtamu.edu**  
**West Texas A&M University**

**Jeffrey Landry**  
**jlandry@usouthal.edu**  
**University of South Alabama**

**J. Harold Pardue**  
**hpardue@usouthal.edu**  
**University of South Alabama**

**Paul Leidig**  
**leidig@gvsu.edu**  
**Grand Valley State University**

**Bruce White**  
**Bruce.white@quinnipiac.edu**  
**Quinnipiac University**

**Objectives:**

This panel will discuss a framework for Assessment and Accreditation of the IS2010 program. This framework is designed to facilitate assessment and accreditation based on the new ACM/AIS IS 2010 curriculum architecture compatible with the ABET model for assessment and with AACSB Assurance of Learning (AoL). In 1981 ACM developed an IS curriculum model. The DPMA developed competing models in 1981 and 1986. The DPMA developed IS'90 and invited former ACM members to participate. During the 90's the DPMA became convinced industry terminology and focus had shifted and changed its name to the AITP. It co-sponsored IS'95, IS'97 and IS2002. Recently, an ACM/AIS task force developed the new IS2010. The later models, IS'97, 2002 have explicit skills in the curriculum guidelines. In this panel we will ask "should the skill set be updated"? This is necessary if the framework is to facilitate proof of student learning relevant to industry. Characteristics of graduates are addressed in these models as well. The panel will discuss the general mechanisms to support both ABET and AACSB AoL accreditation self studies. The panel will review structures that enable achievement of direct measures using either questions or rubrics. This session will discuss and review: 1. Definition of the framework including outcome and performance criteria, skills, and graduate characteristics. 2. Skills: stability and need for review 3. Attaching of IS2010 to the framework, and development of a university mappings to the framework. Keeping the framework up to date. 4. Utilizing the framework for assessment and accreditation of ABET and AACSB AoL programs

**Outcomes:**

Explain the utility and mechanisms of the framework, Discuss the relationship of assessment to the model curricula Utilize conversion strategies to relate their programs to the framework and national models: IS2010, ABET and/or AoL

**Targeted Attendees:**

Faculty and administrators associated with information systems programs Curriculum developers responsible for assessment and accreditation. Specialists and those charged with assessment. Faculty who teach the programs of IS

**Recommended Citation:** Longenecker, B., Babb, J., Landry, J., Pardue, J.H., Leidig, P., White, B. (2010). "Incorporation of Skills and Graduate Characteristics into a Framework for Program Assessment and Accreditation". The Proceedings of the Information Systems Education Conference, v.27 n. 1461, Nashville, TN.

**Board Member: PRJ Editorial Review Board**

2018: Journal of Information Systems Education.

2014: International Journal of Electronic Commerce: Special Issue on Mobile Commerce.

2012 – 2014: Journal of Information Systems Applied Research.

**Board of Directors: Moderate Involvement**

2013: Education Special Interest Group of the Association for Information Technology Professionals.

**Board of Directors: Substantial Involvement**

2016: Education Special Interest Group of the Association for Information Technology Professionals.

2016: Information Systems & Computing Academic Professionals.

2014: Education Special Interest Group of the Association for Information Technology Professionals.



**Chair: Committee / Task Force**

2019 – 2020: ACM/AIS IS 2020. Steering Committee and Task Force.

**Chair: Conference / Track / Program**

2014: 5th Annual Scandinavian Conference on Information Systems, Ringsted, Denmark.

2012: Information Systems Educator's Conference (ISECON).

**Reviewer - Article / Manuscript**

2019: European Journal of Information Systems.

2017: Information Technology and People.

2016 – 2017: Journal of Information Systems Education.

2016: Journal of Management Information Systems.

2016: Information Systems Journal.

2015 – 2016: Information and Management.

2015: Scandinavian Journal of Information Systems.

2015: Journal of Information Technology.

2015: IEEE Transactions on Learning Technologies.

2014 – 2015: Information Technology and Management.

2014: Information Systems Journal. # ISJ-RPNW-0012 entitled "Blissfully ignorant: The Effects of General Privacy Concerns, General Institutional Trust, and Affect in the Privacy Calculus"

2014: Journal of Information Systems Education.

2013: The DATA BASE for Advances in Information Systems.

2013: Information Technology for Development.

2013: Scandinavian Journal of Information Systems.

2013: Electronic Commerce Research and Applications.

2011 – 2012: Journal of Information Systems Education.

2011 – 2012: Journal of Strategic Information Systems.

**Editor: Associate Editor**

2015: 2015 International Conference for Information Systems.

2012 – 2014: Information Systems Education Journal.

2013: International Conference on Information Systems (ICIS 2013). Security and Privacy of Information and ISDear Jeff:

We would like to invite you to serve as an Associate Editor (AE) for the 2013 International Conference on Information Systems (ICIS) Track for the "Security and Privacy of Information and IS." ICIS2013 will be held in Milan, Italy from 15-18 December 2013. As an AE, we ask you to help publicize the conference and our track, and we would ask you to handle no more than two papers (which may be completed research manuscripts or WIP papers). For each paper, we would ask you to invite a panel of three diverse qualified

reviewers to write thoughtful and rigorous reviews for the manuscript by the deadline given below, and then write your own detailed AE report, along with a recommendation to us regarding the manuscript's potential acceptance in the 2013 program.

We value your important involvement, and we hope you will accept our invitation by replying to us in the affirmative.

Merrill Warkentin, Mississippi State University, USA  
Robert Willison, Newcastle University Business School, UK  
Paul Benjamin Lowry, City University of Hong Kong, China

#### Important Dates for ICIS2013 Associate Editors

31 Jan : Submission Open for authors to submit  
15 Feb : AEs ask their reviewers to register on conference system  
3 May : Submission deadline  
14 May : Papers assigned by AEs to reviewers (at least two reviewers per paper)  
15 June : Reviews complete  
1 July : AE's recommendations submitted for Track Chairs

Note: Not all papers can be accepted. Papers recommended by AEs may not make it, so AE recommendations should not say that the paper will be accepted. Track Chairs make the final decision.

2013: Information Systems Education Journal.

#### **Editor: Conference Proceedings**

2019: European Conference on Information Systems.

2016 – 2017: International Conference on Information Systems (ICIS).

#### **Editor: Pedagogical PRJ**

2019: Information Systems Education Journal. Senior Editor

2016 – 2018: Information Systems Education Journal.

2016: Information Systems Education Journal.

#### **Invited Lecture**

2018: IEEE Amarillo Chapter. Guest Lecture on Agile Processes

2016: WT Enterprise Center. Invited Speaker for a panel of presenters on the impact of technology in the Panhandle. Other speakers: Dr. Emily Hunt and Bill Glover.

#### **Member: Committee/Task Force**

2019 – 2020: IEEE/ACM CC2020. Task force member

#### **Officer: Organization / Association**

2019: Education Special Interest Group of the Association for Information Technology Professionals.  
President

2018: Education Special Interest Group of the Association for Information Technology Professionals.

2012: ISOneWorld Conference, Las Vegas, Nevada.

2010 – 2011: ISOneWorld Conference, Las Vegas, Nevada. Conference Co-Chair:  
<http://www.information-institute.org/isoneworld/>

### **Other Professional Service Activities**

2016 – 2017: Texas Tech University - Higher Education Administration Program. External PhD Dissertation Committee Member for Nancy Garcia, who is a candidate for a PhD in Higher Education Administration

2015: Virginia Commonwealth University. External Dissertation Committee Member at Virginia Commonwealth University for Muhammad Al-Abdullah for his dissertation entitled: An Actor-network Interpretation Of The Role Of Technology In Anti-money Laundering

2014: Master's Thesis Examiner for a Master's Candidate in Software Engineering at The University of Auckland, New Zealand, Auckland, New Zealand.

### **Presentation**

2017: PMI Amarillo Chapter.

2015: Education Special Interest Group of the Association for Information Technology Professionals.

## ***2015 EDSIG Proceedings - Workshop Presentation***

# **Getting MEAN: A Hands-On Workshop for Full-stack JavaScript Web Application Development**

**Jeffry Stephen Babb**  
**West Texas A&M University**

**Kareem Dana**  
**West Texas A&M University**

**Musa J Jafar**  
**Manhattan College**

### **Objectives**

JavaScript has regained significant traction within the last 10 years as web application User Experiences (UX) have gravitated toward replicating the fluidity of desktop interfaces. This phenomenon (particularly in utilization of AJAX) was a principle driver of the Web 2.0 phenomenon. Recently, this trend has

accelerated with the advent of HTML5, CSS3, and improvements in the utilization of JavaScript. In particular, with the arrival of NodeJS in 2009, web application developers finally had a server-side runtime environment and library utilizing JavaScript. Given the availability of server-side JavaScript, and given improvements in the specification of the language itself, interest in JavaScript has arisen where JavaScript and JSON can be used to bridge front-end and back-end web application development with one language and one data persistence strategy. The MEAN stack (MongoDB, Express, AngularJS, and NodeJS) has become a popular approach for realizing end-to-end, JavaScript-driven Single Page Architecture (SPA) web applications. This workshop is intended to familiarize attendees with the MEAN web application stack. The workshop will be given in a modular and hands-on manner, whereby participants will learn the basic steps of each major component of the MEAN stack. Attendees will work with a simple example project to realize how these components come together to create responsive and document-driven SPAs. We will begin with NodeJS: understanding installation and configuration, writing a few simple “hello world” programs against the built-in library, and general orientation to server-side JavaScript. We will then cover Express, which extends NodeJS to provide the necessary framework to develop web applications (particularly SPAs) using NodeJS. To understand the significance of end-to-end JavaScript, it is important to understand that MongoDB is a document-driven database, as opposed to the very-familiar relational database management systems which harness SQL. MongoDB takes in-memory collections of JavaScript objects and stores them as Binary JSON. This makes the persistence-to-volatile data translation very efficient and flexible. We complete our exploration of the MEAN stack with the front-end/client-side AngularJS MVC framework. AngularJS provides a full MVC implementation that abstracts the data layer and utilizes a templating strategy for the presentation layer. As is the case with NodeJS, all logic and data manipulation is expressed in JavaScript. The workshop culminates with a working example that demonstrates how the elements of the MEAN stack work together to provide a variety of web application architectures.

### **Targeted Attendees**

IS educators who are interested in front-end, back-end, or full-stack web development. Attendees should be somewhat familiar with the basic front-end technologies (HTML5, CSS3, and JavaScript) and have some curiosity about what is entailed in working with the MEAN stack.

**Recommended Citation:** Babb, J. S., Dana, K., Jafar, M. J., (2015). Getting MEAN: A Hands-On Workshop for Full-stack JavaScript Web Application Development. *Proceedings of the EDSIG Conference*, (2015) n.3577, Wilmington, NC

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2015 Proceedings are published by ISCAP (Information Systems and Computing Academic Professionals)

[Proceedings Home](#) | [AITP](#) | [EDSIG](#) | [ISCAP](#) | [EDSIGCon](#) | [ISEDJ](#) | [JISE](#)

### **Reviewer: Conference Paper**

2015: 2015 Americas Conferences on Information Systems.

2015: 2015 International Conference for Information Systems.

2014: 5th Annual Scandinavian Conference on Information Systems.

2014: 2014 International Conference on Information Systems, Auckland, New Zealand.

2013: 2013 The Dewald Roode Information Security Workshop, Niagara Falls, New York.  
2013: 2013 The Dewald Roode Information Security Workshop, Niagara Falls, New York.  
2011 – 2012: CONISAR: Conference on Information Systems Applied Research.  
2011 – 2012: Americas Conference on Information Systems.  
2010 – 2012: Information Systems Educator's Conference (ISECON).  
2010: 33rd Information Systems Research in Scandinavia Workshop.  
2009 – 2010: International Conference on Information Systems (ICIS). Reviewer for SIG on Culture

## **Service to the Community**

### **Other Community Service Activities**

2019: Upward Bound Math and Science Summer Code Camp  
2017: Caprock High School Hour of Code Event  
2017: Upward Bound Math and Science Summer Code Camp, Attached to Foundation Grant  
2017: Los Barrios de Amarillo - Step Up to Success Conference - Fall and Spring 2017  
2016: Los Barrios de Amarillo - Step Up to Success Conference, Los Barrios de Amarillo Step Up to Success Conference - November 16, 2016  
2013: Enactus Motivation in Motion Volunteer Instructor  
2013: Mentor for Bushland High School Senior Project, Mentored Brett Ponder for his Bushland High School senior project involving a mobile application on Android and Appcelerator Titanium. Brett plans on attending WTAMU in the Fall of 2014.  
2013: Mentor for Bushland High School Senior Project, Mentored Bushland High School student Christian Confer for his senior project involving mobile website development. Christian eventually enrolled at WTAMU.  
2012 – 2013: WT Technology Club Fall Video Game Tournament, Video Game tournament, presented by the WT-CIS Tech Club, open to faculty, staff and students at WT.  
2012: SIFE Motivation in Motion Volunteer Instructor, Coordinated the Tech Club to facilitate teaching Office for the Motivation in Motion project for SIFE.  
2009 – 2011: WT Technology Club Fall Video Game Tournament, Video Game tournament, presented by the WT-CIS Tech Club, open to faculty, staff and students at WT.

### **Speech / Presentation at a Community Meeting**

2012: Los Barrios de Amarillo Step Up to Success Conference - November 7, 2012, Provided two 30-minute sessions to speak to local high school students about careers in computing, in particular about computer information systems in the WTAMU College of Business.

## **Faculty Development**

### **Professional Seminars / Workshops**

2017: BYU SEM Bootcamp, Provo, Utah.  
2014: AACSB Curriculum Development Seminar for Critical Thinking, Tampa, Florida. AACSB Curriculum Development Seminar for Critical Thinking - February 2014

2012: ABET Program Assessment Workshop, Houston, Texas. Workshop for ABET Program Assessment

2012: ABET Computing Accreditation Commission (CAC) Institutional Representative Orientation  
ABET Computing Accreditation Commission (CAC) Institutional Representative Orientation, Arlington, Virginia.  
Computing Accreditation Commission (CAC) Institutional Representative Orientation

2010: ABET Symposium 2010  
ABET Symposium 2010, Las Vegas, Nevada.

### **Technology-Related Training**

2014: Google Ara Module Developers Conference, Mountain View, California. The 1st Ara Developers Conference was held April 15-16, 2014 at the Computer History Museum in Mountain View, California.  
<http://www.projectara.com/ara-developers-conference/>

2010: WTclass Training, Canyon, Texas. Online seminar

## **Honors-Awards-Grants**

### **Award**

2018: Best Paper Award HICSS 2018, Hawaii International Conference on System Sciences (HICSS-51).

2017: Best Paper Award HICSS 2017, Hawaii International Conference on System Sciences (HICSS-50).

2017: College of Business Research Excellence Award, West Texas A&M University, College of Business.  
Annual COB peer award..

2013: College of Business Service Excellence Award, West Texas A&M University, College of Business.  
Annual award for service excellence in the College selected by peers and approved by dean..

2011: Best Paper of Conference Award, Fourth Annual Conference on Information Systems Applied Research.  
Best Paper of the Conference Award.

2011: Outstanding Reviewer Award, Dewald Roode information Security Workshop Outstanding Reviewer.  
Award for outstanding performance as a reviewer at the Dewald Roode information Security Workshop. This workshop exists to prepare promising and exemplary papers for fast-track publication. I had a paper in this workshop as 2nd author..

2011: Horizon Award, West Texas A&M University, College of Business. Ad hoc award for significant contribution in one of the three primary performance areas (professional service) by a junior faculty member in the College selected by peers and approved by dean..

### **Honor**

2017: Intellectual Contributions Award, West Texas A & M University.

2017: Best Paper Nominee HICSS 2017, Hawaii International Conference on System Sciences.

2015: Gensler Professor of Computer Information Systems, West Texas A&M University, College of Business.

2013: Terry Professorship of Business, West Texas A&M University, College of Business.

## **Teaching Activities**

2014 - 1 student.

2013 - 1 student.

2012 - 1 student.

2011 - 1 student.

2010 - 1 student.

2009 - 32 students.

## **Courses Taught**

### **Courses taught, but not in the Schedule:**

CIDM 3382: Enterprise Web-Based Applications Development

CIDM 4310/5310: Business Intelligence and Decision Support Systems

CIDM 4382: Software Development in a Database Environment

CIDM 4390: Software Systems Development

CIDM 6325: Electronic Commerce and Web Development

CIDM 6330: Software Engineering and Systems Development

## **Other Teaching Activities**

### **Student Assign-Students Advised (UG)**

2009 - 32 students. Student Assign-Students Advised (UG).

### **Student Assign-Supervised Research (UG)**

2014 - 1 student. Student Assign-Supervised Research (UG).

2013 - 1 student. Student Assign-Supervised Research (UG).

2012 - 1 student. Student Assign-Supervised Research (UG).

2011 - 1 student. Student Assign-Supervised Research (UG).

2010 - 1 student. Student Assign-Supervised Research (UG).

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