PHILIP MENARD
CURRICULUM VITAE

Dept of Info Systems and Cyber Security   662-769-7241 (cell)
University of Texas at San Antonio   philip.menard@gmail.com
San Antonio, TX 78249

EDUCATION

Ph.D.	Business Information Systems	Mississippi State University	2015
B.S.	Computer Information Systems	Nicholls State University	2006

PROFESSIONAL EXPERIENCE

Assistant Professor   **Fall 2019-present**

Dept of Information Systems and Cyber Security, University of Texas at San Antonio

Assistant Professor   **Fall 2015-Spring 2019**

Department of Information Systems & Technology, University of South Alabama

Instructor   **Fall 2013-Spring 2015**

Department of Management and Information Systems, Mississippi State University

CyberCorps Scholarship for Service (SFS) Research Fellow   **Fall 2013-Spring 2015**

Department of Management and Information Systems, Mississippi State University

     Program designed to increase the number of information assurance professionals
     Scholarship funded through grants awarded by the National Science Foundation

Teaching Assistant   **Fall 2011-Spring 2013**

Department of Management and Information Systems, Mississippi State University

- Teaching Assistant for Intro to Business Information Systems (BIS 1012), Management Senior Seminar (4153), Cross-Cultural Management (4613), iPhone Programming First Year Seminar (BIS 1001)
- Instructor for Structured Systems Analysis and Design (BIS 4753)
- Exam proctor for auditorium-size lecture exams

Information Technology Specialist   **July 2007- July 2011**

- Systems administrator, network administrator, hardware repair, custom software development

Information Technology Specialist   **May 2006- June 2007**

- Systems administrator, network administrator, hardware repair, custom software development

JOURNAL ARTICLES

Under Review

Raddatz, N., Coyne, J., **Menard, P.**, & Crossler, R.E. What Influences Consumers' Decisions to Use Blockchain-Based Applications? The Role of Benefits, Risk Tolerance, and Inertia. Revise and resubmit at *European Journal of Information Systems*.

Kam, H., **Menard, P.**, Ormond, D.K., & Crossler, R.E. Cultivating Cybersecurity Learning: An Integration of Self-Determination and Flow. Revise and resubmit at *Computers & Security*.

Menard, P., Warkentin, M., Dennis, A., Johnston, A.C. & Minas, R. Automating Security Behavior: Using Priming to Induce Nonconscious Compliance. Under review at *European Journal of Information Systems*.

Miller, S., **Menard, P.**, Bourrie, D., & Sittig, S. Examining Engagement Behavior on Social Media Related to Fake News. Under review at *Journal of Management Information Systems*.

Menard, P., Warkentin, M., Sherman-Morris, K., Strawderman, L., Carruth, D. W., & McNeal, K. S. (2018). Source Credibility and Severity Framing for Risk Perceptions Related to Group Physical Safety Decisions. Under review at *Information Systems Frontiers*.

Kam, H., **Menard, P.**, Ormond, D.K., & Crossler, R.E. That's Interesting: An Examination of Interest-Based Cybersecurity Training in Organizations. Under review at *Journal of Applied Psychology*.

Accepted

Menard, P. & Bott, G.J. Analyzing IoT Users' Mobile Device Privacy Concerns: Extracting Privacy Permissions Using a Disclosure Experiment. Accepted at *Computers & Security*.

Plachkinova, M. & **Menard, P**. An Examination of Gain- and Loss-Framed Messaging on Smart Home Security Training Programs. Accepted at *Information Systems Frontiers*. https://doi.org/10.1007/s10796-019-09970-6

Crossler, R.E., Andoh-Baidoo, F., & **Menard, P**. Espoused Cultural Values as Antecedents of Individuals' Threat and Coping Appraisal towards Protective Information Technologies: Study of US and Ghana. *Information & Management, 56*(5), 754-766.

Strawderman, L., Carruth, D. W., Sherman-Morris, K., **Menard, P.**, Warkentin, M., & McNeal, K. S. (2018). Individual transportation decisions under conditions of risk and uncertainty. *Natural Hazards, 92*(2), 927-942.

Menard, P., Warkentin, M., & Lowry, P. B. (2018). The impact of collectivism and psychological ownership on protection motivation: A cross-cultural examination. *Computers & Security, 75*, 147-166.

Menard, P., Bott, G. J., & Crossler, R. E. (2017). User Motivations in Protecting Information Security: Protection Motivation Theory Versus Self-Determination Theory. *Journal of Management Information Systems, 34*(4), 1203-1230.

Warkentin, M., Goel, S., & **Menard, P.** (2017). Shared Benefits and Information Privacy: What Determines Smart Meter Technology Adoption? *Journal of the Association for Information Systems, 18*(11), 758-786.

Shwadhin S., **Menard, P.**, & Mutchler, L.A. (2017) Who to Trust? Applying Trust to Social Commerce, *Journal of Computer Information Systems*, DOI: 10.1080/08874417.2017.1289356

Menard, P., Gatlin, R., & Warkentin, M. (2014) Threat Protection and Convenience: Antecedents of Cloud-based Data Backup. *Journal of Computer Information Systems* (55:1), pp. 83-91.

Works in Progress
Herriott, A., **Menard, P.**, Bott, G.J., & Landry, J. Reducing BYOD Threats: Android Security Cues and Their Impact on Security-Related Stress. Targeting *Journal of the Association of Information Systems (JAIS),* to be submitted summer 2020.

Menard, P. & Shropshire, J. Targeting Security: A Novel Application of Machine Learning for Developing Adaptive Fear Appeals. Targeting *Decision Sciences*, to be submitted summer 2020.

Menard, P. & Bott, G.J. The Evolution of Privacy Concerns in the Artificial Intelligence Era. Targeting *MIS Quarterly*, to be submitted summer 2020.

Menard, P., Warkentin, M., & Lowry, P.B. The Influence of Employee Motivation on SETA Programs. Targeting *MIS Quarterly*, to be submitted fall 2020.

Miller, A., **Menard, P.**, & Warkentin, M. User Motivations in Protecting Information Security: A Replication Study. Targeting *AIS Transactions on Replication Research,* to be submitted fall 2020.

Bott, G.J., **Menard, P**. & Stenenbaum, H. Cross-Cultural Comparisons of Privacy Concerns Related to Mobile Payment Adoption. Targeting Journal of the Association for Information Systems, to be submitting fall 2020.

Mutchler, L.A., **Menard, P.**, & Sharma, S. Applying Situational Theory to Predict Information Security Publics. Targeting *Journal of the Association for Information Systems*, to be submitted fall 2020.

JOURNAL ARTICLES (cont'd)

Bott, G.J., **Menard, P**., & Marett, K. A Review of the Recent Mobile Payment Literature. Targeting *MIS Quarterly*, to be submitted winter 2020.

CONFERENCE PROCEEDINGS

Shropshire, J. & **Menard, P.** Contextualizing Fear Appeals for Improved Information Security. *Proceedings of the 50th Annual Conference of the Decision Sciences Institute*, New Orleans, LA, November 23-25, 2019.

Ormond, D., Kam, H., & **Menard, P**. (2019) Eating the Forbidden Fruit: Human Curiosity Entices Data Breaches. *Proceedings of the Twenty-fifth Americas Conference on Information Systems*, Cancun, Mexico, August 15-17, 2019.

McGowan, A. H., Sittig, S., & **Menard, P**. (2019) mHealth Cross Contamination of User Health Data. *Proceedings of the Twenty-fifth Americas Conference on Information Systems*, Cancun, Mexico, August 15-17, 2019.

Menard, P. & Bott, G.J. (2018) Investigating Privacy Concerns of Internet of Things (IoT) Users. *Proceedings of the Twenty-fourth Americas Conference on Information Systems*, New Orleans, LA, August 16-19, 2018.

Menard, P., Warkentin, M., Dennis, A., Johnston, A.C. & Minas, R. (2018) Priming to Elicit Protection Motivated Behaviors: Preliminary Results. *Proceedings of the 2018 International Federation of Information Processing (IFIP) 8.11/11.13 Dewald Roode Workshop on Information Systems Security Research*, Cape Town, South Africa, June 2018.

Menard, P., Shropshire, J., & Sweeney, R B. (2017) DevOps: An Innovation Attributes Perspective. *Proceedings of the Forty-Eighth Annual Meeting of the Decision Sciences Institute*, Washington, DC, November 18-20, 2017.

Plachkinova, M. & **Menard, P**. (2017) Improving Smart Home Security through End-User Training. Proceedings of the Secure Knowledge Management Workshop (SKM'17), Tampa, FL, October 6, 2017.

Shropshire, J., **Menard, P.**, & Sweeney, R B. (2017) Uncertainty, Personality, and Attitudes toward DevOps. *Proceedings of the Twenty-third Americas Conference on Information Systems*, Boston, MA, August 10-12, 2017.

Menard, P., & Sharma, S. (2017). Competitiveness on Social Networking Sites and Its Implications on Individuals' Security and Privacy Concerns. In *Proceedings of the 50th Hawaii International Conference on System Sciences*.

Minas, R., Johnston, A.C., Warkentin, M., Dennis, A., & **Menard, P.** (2016) Priming to Elicit Protection Motivated Behaviors: A Research Proposal. *Proceedings of the 2016 International Federation of Information Processing (IFIP) 8.11/11.13 Dewald Roode Workshop on Information Systems Security Research*, Albuquerque, NM, October 2016.

Shropshire, J., & **Menard, P**. (2016) Teaching Static Call Analysis to Detect Anomalous Software Behavior. *Proceedings of the Conference on Cybersecurity Education, Research and Practice*, Kennesaw, GA, October 29-30, 2016.

Menard, P., & Shropshire, J. (2016) Training Wheels: A New Approach to Teaching Mobile Device Security. *Proceedings of the Conference on Cybersecurity Education, Research and Practice*, Kennesaw, GA, October 29-30, 2016.

Menard, P. (2016) Proposing SETA Program Design Based on Employee Motivational Fit. *Proceedings of the Twentieth Americas Conference on Information Systems*, San Diego, CA, August 11-14, 2016.

Shropshire, J., & **Menard, P**. (2015) New Approaches in Mobile Device Authentication. *Pre-ICIS Workshop on Information Security and Privacy (WISP)*, Fort Worth, TX, December 13, 2015.

Menard, P. (2014) Putting the 'Motivation' in Protection Motivation: An Examination of Persuasive Communication via Extrinsic and Intrinsic Means. *Proceedings of the Twentieth Americas Conference on Information Systems*, Savannah, GA, August 7-10, 2014.

Menard, P., Siponen, M., and Warkentin, M. (2014) Deterrence Theory is a double-edged sword: The detrimental effect of security violation sanctions on work motivation and performance. *Proceedings of the 2014 International Federation of Information Processing (IFIP) 8.11/11.13 Dewald Roode Workshop on Information Systems Security Research*, Newcastle, UK, June 2014.

Warkentin, M., Goel, S., and **Menard, P**. (2013) Consumer Adoption of Smart Metering Technology. *Proceedings of the 8th Annual Symposium on Information Assurance (ASIA '13)*, Albany, NY, June 2013.

Crossler, R.E., Andoh-Baidoo, F., and **Menard, P**. (2012) The Influence of Cultural Values on Information Security. *Proceedings of the 2012 International Federation of Information Processing (IFIP) 8.11/11.13 Dewald Roode Workshop on Information Systems Security Research*, Provo, UT, September 2012.

PRESENTATIONS

Menard, P. & Bott, G.J. Investigating Privacy Concerns of Internet of Things (IoT) Users. Poster presentation at the *Twenty-fourth Americas Conference on Information Systems*, New Orleans, LA, August 17, 2018.

Menard, P., Shropshire, J., & Sweeney, R B. DevOps: An Innovation Attributes Perspective. Paper presentation at the *Forty-Eighth Annual Meeting of the Decision Sciences Institute*, Washington, DC, November 19, 2017.

Plachkinova, M. & **Menard, P**. Improving Smart Home Security through End-User Training. Paper presentation at the *Secure Knowledge Management Workshop* (SKM'17), Tampa, FL, October 6, 2017.

Menard, P. Cybersecurity Learning: Addressing the Critical Shortage of Cybersecurity Talent. Invited lecture at the University of Tampa, Tampa, FL, October 5, 2017.

Menard, P. A Preliminary Analysis and Summary of Android Users' Privacy Permissions. Invited lecture at the Digital Forensics Information Intelligence (DFII) Research Group, University of South Alabama, April 19, 2017.

Menard, P., & Sharma, S. Competitiveness on Social Networking Sites and Its Implications on Individuals' Security and Privacy Concerns. Paper presentation at the 50th Hawaii International Conference on System Sciences, January 5, 2017.

Shropshire, J., & **Menard, P**. Teaching Static Call Analysis to Detect Anomalous Software Behavior. Paper presentation at the *Conference on Cybersecurity Education, Research and Practice*, Kennesaw, GA, October 29, 2016.

Menard, P., & Shropshire, J. Training Wheels: A New Approach to Teaching Mobile Device Security. Paper presentation at the *Conference on Cybersecurity Education, Research and Practice*, Kennesaw, GA, October 29, 2016.

Menard, P. Investigating Customizable Compliance Program Based on Current Activity. Invited lecture at the Digital Forensics Information Intelligence (DFII) Research Group, University of South Alabama, August 31, 2016.

Menard, P. Proposing SETA Program Design Based on Employee Motivational Fit. Poster presentation at the *Twentieth Americas Conference on Information Systems*, San Diego, CA, August 12, 2016.

Shropshire, J., & **Menard, P**. New Approaches in Mobile Device Authentication. Paper presentation at the *Pre-ICIS Workshop on Information Security and Privacy (WISP)*, Fort Worth, TX, December 13, 2015

Menard, P. Putting the 'Motivation' in Protection Motivation: An Examination of Persuasive Communication via Extrinsic and Intrinsic Means. Poster presentation at the *Twentieth Americas Conference on Information Systems*, Savannah, GA, August 9, 2014.

Menard, P., Siponen, M., and Warkentin, M. Deterrence Theory is a double-edged sword: The detrimental effect of security violation sanctions on work motivation and performance. Paper presentation at the *2014 International Federation of Information Processing (IFIP) 8.11/11.13 Dewald Roode Workshop on Information Systems Security Research*, Newcastle, UK, June 2014.

Crossler, R.E., Andoh-Baidoo, F., and **Menard, P**. (2012) The Influence of Cultural Values on Information Security. Paper presentation at the *2012 International Federation of Information Processing (IFIP) 8.11/11.13 Dewald Roode Workshop on Information Systems Security Research*, Provo, UT, September 2012.

STUDENT ADVISING

Graduate Student Committees:
Aurora Herriott – thesis chair; successfully defended Spring 2018
Stacy Miller – dissertation committee member; successfully defended Fall 2019
Zahra Aivazpour – dissertation committee member; projected defense in Summer 2020
Steven Pressley – dissertation committee member; projected defense in Fall 2020

<h1 style="text-align:center">ORGANIZATIONS & SERVICE</h1>

Professional Organizations:

Association for Information Systems (AIS)	2012-present
AIS Special Interest Group on Information Security and Privacy (SIGSEC)	2012-present
SIGSEC Secretary	2018-present
IFIP Working Group on Behavioral Information Security Research	2012-present
Decision Sciences Institute	2014-present

UTSA Committees:

Faculty Merit Review Committee – Department of Information Systems and Cyber Security
PhD Committee – Department of Information Systems and Cyber Security
Search Committee (2020-21 AY hire) – Department of Information Systems and Cyber Security

University of South Alabama Committees:

University Library Committee – Representative for School of Computing
School of Computing ABET Assessment Committee – contributing faculty member
School of Computing Academic Misconduct Committee – Member
School of Computing Managed Internship Program – Technical Consultant and Faculty Advisor
Cyber 9/12 Student Challenge – Faculty Advisor / Coach

Mississippi State University Committees:

Graduate / Undergraduate Mentor Program – selected as one of five Graduate Mentors for pilot program
Additional Course Fees Committee – Graduate Student Representative

Scholarly Service:

Americas Conference on Information Systems (AMCIS) – reviewer; session chair
Computers & Security – reviewer
Computers in Human Behavior – reviewer
Conference on Cybersecurity Education, Research and Practice (CCERP) – reviewer
Decision Sciences Institute – reviewer; session chair
European Conference on Information Systems (ECIS) – reviewer
Hawaii International Conference on System Sciences (HICSS) – reviewer
Information & Management – reviewer
Information Systems Journal – reviewer
Information Technology & People – reviewer
International Conference on Information Systems (ICIS) – reviewer
International Conference on Information Systems Security and Privacy (ICISSP) – reviewer
IFIP 8.11/11.13 Dewald Roode Workshop on Information Systems Security Research – reviewer
Journal of Organizational Computing and Electronic Commerce – associate editor
Journal of the Association for Information Systems (JAIS) – reviewer
Management Decision – reviewer
Pacific Asia Conference on Information Systems (PACIS) – reviewer
Pre-ICIS Workshop on Information Security and Privacy (WISP) – reviewer
Secure Knowledge Management (SKM) Workshop – reviewer; session chair

<div align="center">**HONORS AND AWARDS**</div>

2015   Information Assurance Professional Certificate, Bagley College of Engineering, Mississippi State University

2014   Outstanding Doctoral Student Researcher Award, College of Business, Mississippi State University

<div align="center">**GRANTS AND FELLOWSHIPS**</div>

2020   National Science Foundation Scholarship for Service (SFS). Co-PI.

2017   National Science Foundation Computer & Information Science & Engineering (CISE) Research Initiation Initiative (CRII) **$174,860 (not funded)**; Transforming Consumer Protection Motivation through Persistent Security Training. PI.

2017   University of South Alabama Research and Scholarly Development Grant Program **$25,000**; Improving Smart Home Security through Targeted Training on Internet of Things (IoT). PI

2016   National Science Foundation Computer & Information Science & Engineering (CISE) Research Initiation Initiative (CRII) **$166,521 (not funded)**; Transforming Consumer Protection Motivation through Persistent Security Training. PI

2013   Scholarship for Service (SFS) CyberCorps Doctoral Scholar **$102,000,** National Science Foundation

2012   Hunter Henry Travel Award **$1,200**, Mississippi State University College of Business

<div align="center">**TEACHING EXPERIENCE**</div>

University of Texas at San Antonio

    Undergraduate Network Security (Fall 2019, Spring 2020)

University of South Alabama

    Doctoral Seminar – Risk Analysis and Policy (Fall 2018; guest lecturer in Spring 2016)

    Graduate Information Assurance (Fall 2018; guest lecturer in Fall 2017)

    Graduate IS Application Design and Implementation (Spring 2018, Spring 2019)

    Graduate Systems Analysis and Design (Spring 2016, Spring 2017)

    Database for Information Systems (Fall 2015, Summer 2016, Fall 2016, Summer 2017, Fall 2017, Summer 2018, Spring 2019)

    Undergraduate Systems Analysis and Design (Fall 2015, Spring 2016, Fall 2016, Spring 2017, Fall 2017, Spring 2018)

Mississippi State University

    Business Database Systems (Fall 2014, Spring 2015)

    Systems Analysis and Design (Spring 2013 – Spring 2014)

    Intro to Business Information Systems (Teaching Assistant - Fall 2011, Fall 2012, Spring 2013; guest lecturer Fall 2012)

    Management Senior Seminar (Teaching Assistant Spring 2012)

    Cross-Cultural Management (Teaching Assistant Spring 2012)

<center>**TEACHING EXPERIENCE (cont'd)**</center>

Mississippi State University

>iPhone Programming First Year Seminar (Teaching Assistant Fall 2011)

Central Catholic High School

>IT Essentials (responsible for developing and teaching new course where students learn how to diagnose and fix hardware and software problems in PCs and laptops; 2008-2010)

>IT2 (responsible for developing and teaching new course where students gain real world experience by troubleshooting real computer problems at Central Catholic; 2010-2011)

<center>**RELEVANT SKILLS**</center>

Programming
- Extensive experience with C#, ASP.NET Core MVC, Visual Basic.NET, Objective-C for iOS programming, C++, ASP Web Forms, PHP
- In-depth understanding of object-oriented programming concepts

Networking
- Upgraded existing campus network to Cat5e with gigabit switches at Central Catholic High School
- Installed and administered campus-wide wireless network at Central Catholic High School

Web Development
- Extensive knowledge of HTML, JavaScript, CSS

Database Management
- Thorough understanding of MS SQL Server, MySQL, and Oracle fundamentals
- Application development using Entity Framework and EF Core
- Database design through ER diagrams and normalization

Data Analysis
- Structural Equation Modeling and associated measurement validity principles using AMOS and SmartPLS 3
- Foundational statistical analysis (independent samples t-test, ANOVA, MANOVA, ordinary least squares regressions, logistic regression, principle components factor analysis) using IBM SPSS
- Introductory knowledge in automated machine learning using Data Robot

REFERENCES

Gregory J. Bott, Ph.D.
Assistant Professor
Department of Information Systems, Statistics, and Management Science
The University of Alabama
Mailing address: Box 870226 Tuscaloosa, Alabama 35487
Email: gjbott@cba.ua.edu
Office phone: 205-348-7688

Robert E. Crossler, Ph.D.
Assistant Professor
Department of Management, Information Systems & Entrepreneurship
Washington State University
Mailing address: PO Box 644743 Pullman, Washington 99164-4743
Email: rob.crossler@wsu.edu
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Alan R. Dennis, Ph.D.
Professor and John T. Chambers Chair of Internet Systems
Kelley School of Business
Indiana University
Mailing address: 1309 East Tenth Street Suite 4100 Bloomington, Indiana 47405
Email: ardennis@indiana.edu
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Merrill Warkentin, Ph.D.
James J. Rouse Endowed Professor of Information Systems
Department of Management and Information Systems
Mississippi State University
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