

**David Sikolia**  
Curriculum Vitae

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**ACADEMIC POSITIONS**

Clinical Assistant Professor	<b>Mississippi State University</b> Department of Management and Information Systems – College of Business	August 2018 - Present
Assistant Professor	<b>Illinois State University</b> College of Applied Science and Technology – School of Information Technology	August 2013 - August 2018

**EDUCATION**

PhD.	<b>Oklahoma State University</b> Department of Management Science and Information Systems DISSERTATION TITLE: “Towards a Theory of User Compliance with Information Security Policies: A Grounded Theory Methodology Approach.” ADVISORS: Mark Weiser (Chair), David Biros, Marlys Mason	August 2013
MSIS	<b>Baylor University</b> Department of Management Information Systems	August 2006
B.Sc. Computer Science	<b>Africa Nazarene University</b> Department of Computer Science	May 2000

**RESEARCH INTERESTS**

- Information Systems Security
- RFID in Food Security
- Virtual Worlds
- Grounded Theory Methodology
- Design Science Research

**TEACHING INTERESTS**

- Computer Security
- Java/ Visual Basic
- Systems Analysis and Design
- Computer Networks
- Database Management

## PUBLICATIONS

### REFEREED JOURNAL ARTICLES

- “Protection Motivation and Deterrence: Evidence from a Fortune 100 Company” (with Douglas Twitchell and Glen Sagers), *AIS Transactions on Replication Research*, 4(7), 1 – 14 (June 2018).
- “Motivating Employees to Comply with Information Security Policies” (with David Biros), *Journal of Midwest AIS*, 2016(2), 7-25(July 2016).
- “A Design Science Approach to Virtual World Implementation of Trade Fairs” (with Ramesh Sharda and Joe Thomas) *Pacific Asia Journal of the AIS*, 4(2), 49-72 (June 2012).
- “The Perceived Dichotomy between Current Green IT Initiatives and Information Security” (with David Biros and Michael Hass) *Cutter IT Journal*, 21(2), 26-31(January 2008).

### CONFERENCE PROCEEDINGS

- **David Sikolia**. “Compliance with Information Security Policies: A Meta-Analysis of the role of the definition of the term “Security Policies”,” *Proceedings of the 25<sup>th</sup> Americas Conference on Information Systems* (AMCIS 2019).
- **David Sikolia** and Pruthikrai Mahatanankoon. “Intention to Remain in a Computing Program: Exploring the Role of Passion and Grit,” *Proceedings of the 23<sup>rd</sup> Americas Conference on Information Systems* (AMCIS 2017).
- **David Sikolia** and David Biros. “The policy-practice gap: Describing discordances between regulation on paper and organizational practices,” *Proceedings of the 12<sup>th</sup> Midwest Association for Information Systems* (MWAIS 2017).
- **David Sikolia**, Douglas Twitchell and Glen Sagers. “Employees’ Adherence to Information Security Policies: A Partial Replication,” *Proceedings of the 22<sup>nd</sup> Americas Conference on Information Systems* (AMCIS 2016)
- BEST PAPER (*First place*)
  - **David Sikolia** and David Biros. “Motivating Employees to Comply with Information Security Policies,” *Proceedings of the 11<sup>th</sup> Midwest Association for Information Systems* (MWAIS 2016)
- **David Sikolia**, David Biros, Mark Weiser and Marlys Mason. “A Theory of Employee Compliance with Information Security Policies,” *Proceedings of the 9<sup>th</sup> Midwest Association for Information Systems* (MWAIS 2014)
- **David Sikolia**, “A Thematic Review of User Compliance with Information Security Policies Literature,” *Journal of Digital Forensics, Security & Law*. (2013 Conference supplement, p101-104.4p)
- **David Sikolia**, David Biros, Mark Weiser and Marlys Mason. “Trustworthiness of Grounded Theory Methodology Research in Information Systems,” *Proceedings of the 8<sup>th</sup> Midwest Association for Information Systems* (MWAIS 2013)
- **David Sikolia**, David Biros, Mark Weiser, Nicholas Romano. "Trust in Mobile Banking: The Effect of Culture," *Proceedings of the 5th Midwest Association for Information Systems* (MWAIS 2010)
- **David Sikolia**, David Biros, Ramesh Sharda. “Trust and TAM in Mobile Commerce”, *Proceedings of the 7<sup>th</sup> Annual Big XII+ MIS Research Symposium*, Lincoln, Nebraska. 2009.

## MANUSCRIPTS IN PREPARATION

- Adoption of mobile payments – *In collaboration with Dr. Merrill Warkentin and Dr. Karen Renaud.*
- Fake news study – *In collaboration with Dr. Kent Marett Steve Canfield.*
  - Targeting a special issue of ACM-DTRAP Journal
- Development of an Instrument to Measure User Perceptions of the Quality of an Information Systems Security Policy.
  - *Targeting the European Journal of Information Systems.*
- The Insider Threat: The Moderating Role of Anger on Deterrence Measures.
  - *Targeting Decision Support Systems*

## CONFERENCE PRESENTATIONS

- “Intention to Remain in a Computing Program: Exploring the Role of Passion and Grit,” *Proceedings of the 23<sup>rd</sup> Americas Conference on Information Systems (AMCIS 2017).*
- “The policy-practice gap: Describing discordances between regulation on paper and organizational practices,” *Proceedings of the 12<sup>th</sup> Midwest Association for Information Systems (MWAIS 2017).*
- “Employees’ Adherence to Information Security Policies: A Partial Replication,” *Proceedings of the 22<sup>nd</sup> Americas Conference on Information Systems (AMCIS 2016).*
- “Motivating Employees to Comply with Information Security Policies,” *Proceedings of the 11<sup>th</sup> Midwest Association for Information Systems (MWAIS 2016).*
- “Motivating Employees to Comply with Information Security Policies”. *AIS SIGSEC - Workshop on Information Security and Privacy (WISP) 2015 in Ft. Worth, TX.*
- “A Financial Case for RFID in Grain Transport and Storage”. “*42<sup>nd</sup> Annual Meeting of the Decision Sciences Institute,*” Boston: Decision Sciences Institute, 2011.
- “A Business Case for RFID in Grain Storage”. “*41<sup>st</sup> Annual Meeting of the Decision Sciences Institute,*” San Diego: Decision Sciences Institute, 2010.
- “First on the Scene: A Forensics Policy Approach”, “*39<sup>th</sup> Annual Meeting of the Decision Sciences Institute,*” Baltimore: Decision Sciences Institute, 2008.
- “Trust and TAM in Mobile Commerce,” Presented at the *7<sup>th</sup> Annual Big XII+ MIS Research Symposium,* Lincoln, Nebraska. 2009.

## PROFESSIONAL ACTIVITIES AND SERVICES EXPERIENCE

### REVIEWER

- International Journal of Electronic Commerce, December 2010
- AMCIS Mini-Track: Trust in Information Systems, 2011, 2016
- AMCIS Mini-track on Digital Forensics, Security, and Law, 2009
- DSI Mini-track on Accounting and Finance, 2010, 2011
- Midwest AIS conference, 2010, 2013, 2014, 2016

#### SESSION CHAIR

- DSI Annual Meeting in San Diego, CA - December 2010
- AMCIS Annual Meeting in Seattle, WA.-August 2012
- AMCIS Annual Meeting in Savannah, GA.-August 2014

#### MINI-TRACK CHAIR

- AMCIS Annual Meeting in San Diego, CA – August 2016
- AMCIS Annual Meeting in Cancun, MX – August 2019

### TEACHING EXPERIENCE

Clinical Assistant Professor	Department of Management and Information Systems, <b>Mississippi State University</b>	August 2018 - Present
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**INSTRUCTOR:**

1. Introduction to Business Information Systems
2. Advanced Database Design and Administration
3. Business Database Systems
4. Decision Support Systems
5. Secure Systems Analysis and Design

Assistant Professor	School of Information Technology, <b>Illinois State University</b>	August 2013 – August 2018
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**INSTRUCTOR:**

1. Fundamentals of Information Assurance & Security.
2. Computer Application Programming with Java.
3. Structured Problem-Solving Using the Computer with Java.
4. Practical Cryptography and Trusted Systems
5. Computer Hardware and Software Concepts
6. Security Incident and Event Management, and Forensics

Graduate Teaching Associate	Spears School of Business, <b>Oklahoma State University</b> INSTRUCTOR: <ul style="list-style-type: none"><li>• Advanced Software Development with Visual Basic</li><li>• Operations Management</li></ul>	August 2007 – 2013
Graduate Teaching Assistant	Hankamer School of Business, <b>Baylor University</b> GRADER: <ul style="list-style-type: none"><li>• Java programming class homework and exams</li></ul>	January 2005 – July 2006
Tutor	Student-Athlete Services Academic Support Programs. <b>Baylor University</b> TUTOR: <ul style="list-style-type: none"><li>• Information Systems and Swahili</li></ul>	January 2005 – July 2006
Instructor	<b>Africa Nazarene University</b> , Nairobi, Kenya INSTRUCTOR: <ul style="list-style-type: none"><li>• Introduction to Computer Information Systems</li><li>• Computer Technology Practicum</li></ul>	August 2002 – July 2004

## TEACHING EVALUATIONS

### SAMPLE STUDENT EVALUATIONS FROM FALL 2017

(<http://ideaedu.org/wp-content/uploads/2016/04/Interpretive-Guide-Diagnostic-Report.pdf>)

- Progress on relevant objectives – 4.2/5.0
- Excellent teacher – 4.3/5.0
- Excellent course -4.2/5.0
- Summary evaluation – 4.3/5.0

## **PROFESSIONAL AFFILIATIONS**

- Association for Information Systems (AIS)
- Decision Sciences Institute (DSI)
- Association of Information Technology Professionals (AITP) – Twin Cities Chapter

## **UNIVERSITY AFFILIATIONS**

- Association of Information Technology Professionals (AITP)

## **HONORS AND AWARDS**

- Best paper (First place) – MWAIS 2016
- Spears School of Business Outstanding Graduate Teaching Associate – 2009
- Entrepreneurial Spirit Award, Riata Business Plan – 2010
- Outstanding Service Award, MSIS department – 2009
- Outstanding Character Award, Africa Nazarene University - 2000

## **LEADERHIP AND SERVICE**

- Current service at the School of Information Technology, Illinois State University
  - Dean's advisory council
  - Graduate committee
  - Search committee for endowed Chair in Information Systems Security
  - Scholarship committee
  - AITP patron
- Graduate counselor/instructor at the Information Systems Technology Exploration Academy (ISYTE) at Oklahoma State University (2009, 2010, 2011 and 2012).
- Chair, Oklahoma State University Christian Grads – 2010.
- Departmental representative, Graduate Student government (GSGA), Oklahoma State University – 2009.