

LUAY A. WAHSHEH

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EDUCATION

- Doctor of Philosophy (Ph.D.) in Computer Science, 2008, University of Idaho
- Master of Science (M.S.) in Computer Science, 2000, Stephen F. Austin State University
- Bachelor of Science (B.S.) in Computer Science, 1992, Utah State University

RESEARCH INTERESTS

- Cyber Security including Access Control Security Policy, Wireless Network Security, Software Security, and Database Security

WORK HISTORY

FACULTY EXPERIENCE

- **Associate Professor** (August 2014 – Present), Norfolk State University
- **Assistant Professor** (January 2009 – August 2014), Norfolk State University
- **Assistant Professor** (August 2008 – December 2008), University of Baltimore
- **Lecturer** (July 2000 – August 2003), Stephen F. Austin State University

OTHER EXPERIENCE

- **Research Assistant** (September 2003 – May 2008), University of Idaho
- **Tutor** (August 2003 – December 2003), University of Idaho
- **Teaching Assistant** (May 1999 – May 2000), Stephen F. Austin State University
- **Research Assistant** (August 1998 – May 1999), Stephen F. Austin State University
- **Laboratory Instructor** (January 1996 – July 1998, November 1992 – September 1993), Utah State University

PUBLICATIONS

SELECTED JOURNALS, CONFERENCES, AND PRESENTATIONS

1. A. McFall and **L. A. Wahsheh**. The Future of Human Computer Interaction and Cyber Security. The 2015 Cyber Security Symposium, April 2015.
2. L. Kotut and **L. A. Wahsheh**. Cyber Security in Smart Grids: A Survey. The 2015 Cyber Security Symposium, April 2015.
3. J. Ellis and **L. A. Wahsheh**. Psychology of Hackers. Poster presentation at “STOP. THINK. CONNECT.”, a cyber security awareness campaign, Norfolk State University, October 2015.
4. **L. A. Wahsheh**. Multi-Domain Access Control Policy in Wireless Classified Environments using Steganography. Issues in Information Systems, Volume 14, Issue 2, pp. 393–399, October 2013.

5. A. Eng and **L. A. Wahsheh**. Look Into My Eyes: A Survey of Biometric Security. In Proceedings of the 10th International Conference on Information Technology: New Generations, pp. 422–427, April 2013.
6. D. E. Burgner, **L. A. Wahsheh**, J. M. Graham, and G. Hsieh. Cyber Security and Portability of Electronic Medical Records. *Journal of Information Assurance and Security*, 7(5):355–365, 2012.
7. **L. A. Wahsheh**. Layered Security Policy Enclaves in Wireless Classified Environments. In Proceedings of the International Conference on Communications Systems and Technologies, pp. 888–894, October 2012.
8. C. Steward, **L. A. Wahsheh**, A. Ahmad, J. M. Graham, C. V. Hinds, A. T. Williams, and S. J. DeLoatch. Software Security: The Dangerous Afterthought. Presented at the 9th International Conference on Information Technology: New Generations, pp. 815–818, April 2012.
9. K. Jeter, **L. A. Wahsheh**, A. Ahmad, J. M. Graham, C. V. Hinds, A. T. Williams, and S. J. DeLoatch. Keeping the Bad Eyes Out: Database Security for Forensics Data. In Proceedings of the 27th International Conference on Computers and Their Applications, pp. 160–166, March 2012.
10. D. M. Thomas, A. Ahmad, C. Matarazzo, **L. A. Wahsheh**, J. M. Graham, A. T. Williams, F. R. Doswell, C. V. Hinds, and S. J. DeLoatch. Smart Meter Design for Wireless Advanced Metering Infrastructure (AMI). Presented at the Emerging Researchers National Conference in Science, Technology, Engineering and Mathematics (STEM), February 2012.
11. D. E. Burgner, **L. A. Wahsheh**, A. Ahmad, J. M. Graham, C. V. Hinds, A. T. Williams, and S. J. DeLoatch. Using Multi-Level Role Based Access Control for Wireless Classified Environments. In Proceedings of the International Conference on Communications Systems and Technologies, pp. 828–832, October 2011.
12. S. L. Cebula, A. Ahmad, J. M. Graham, C. V. Hinds, **L. A. Wahsheh**, A. T. Williams, and S. J. DeLoatch. Empirical Channel Model for 2.4GHz IEEE 802.11 WLAN. In Proceedings of the 10th International Conference on Wireless Networks, pp. 278–282, July 2011.
13. S. L. Cebula, A. Ahmad, **L. A. Wahsheh**, J. M. Graham, A. T. Williams, C. V. Hinds, and S. J. DeLoatch. Location Determination Systems for WLANs. In Proceedings of the 10th International Conference on Wireless Networks, pp. 438–443, July 2011.
14. D. E. Burgner and **L. A. Wahsheh**. Security of Wireless Sensor Networks. In Proceedings of the 8th International Conference on Information Technology: New Generations, pp. 315–320, April 2011.
15. S. L. Cebula, A. Ahmad, **L. A. Wahsheh**, J. M. Graham, S. DeLoatch, and A. T. Williams. How Secure is WiFi MAC Layer in Comparison with IPsec for Classified Environments? In Proceedings of the 14th Communications and Networking Simulation Symposium, pp. 109–116, April 2011.
16. J. L. Powell, A. T. Williams, **L. A. Wahsheh**, and C. V. Hinds. Digital Forensics Investigation in a Cloud Computing Environment Using AccessData’s Forensics Toolkit. In Proceedings of the Symposium on Computing at Minority Institutions, April 2011.
17. C. Dixon and **L. A. Wahsheh**. Cyber Security in Internet-Based Multiplayer Gaming. *International Journal of Computer Science*, 37(4):422–428, December 2010.
18. S. L. Cebula and **L. A. Wahsheh**. Computer Ethical Hacking: An Education Perspective. In Proceedings of the 13th International Conference on Computers and Advanced Technology in Education, pp. 159–165, August 2010.

19. **L. A. Wahsheh**. An Analysis of Security Policy Specification Techniques. In Proceedings of the 9th International Conference on Security and Management, pp. 81–86, July 2010.
20. S. Davis, L. Rich, F. Osborne, and **L. A. Wahsheh**. DRO Secure E-Voting System. In Proceedings of the 6th International Conference on Frontiers in Education: Computer Science and Computer Engineering, pp. 416–421, July 2010.

ACTIVITIES

Cyber Security Training

- Completed an EnCase digital forensics training course and earned 32 hours in computer forensics training. Guidance Software, Dulles, Virginia, March 2015.
- Received training at the workshops of the Colloquium for Information Systems Security Education (CISSE) Conference. I attended two training classes: “Cyber Competitions for the Instructors” and “K-12 Cyber Security: Inspiring Youth to Pursue Cyber Security Careers”. San Diego, California. June 2014.
- Received training at the workshops of the Colloquium for Information Systems Security Education (CISSE) Conference. I attended two training classes: Reverse Engineering and Foundations of Software Security, and received 12 Continuing Education Unit (CEU) credits, pre-approved for A+, Network+, Security+, and CASP. Mobile, Alabama. June 2013.
- Certified Information Systems Security Professional (CISSP) training workshop at the International Symposium on Digital Forensics and Security (ISDFS). Houston, Texas. May 2014.
- Cyber security defense training workshop on ethical hacking held at Norfolk State University. The training was given by Jesse Varsalone, a cyber security specialist and cyber forensics expert, and co-author of “Defense against the Black Arts: How Hackers Do What They Do and How to Protect against It”. January 2013.
- Attended the 4th International Digital Forensics Curriculum Standards (DFCS) Workshop at the University of Illinois at Urbana-Champaign. May 10, 2016.
- Attended the Cyber Defense Competition (CDC) workshop at Iowa State University in Ames, Iowa. March 2014.
- Received digital forensics training at the workshops of the Annual Computer Security Applications Conference. I attended a 2-day digital forensics training and received 12 Continuing Professional Education (CPE) hours in computer security training. Orlando, Florida. December 2012.

Certification

- Certified online instructor. Successfully completed the Faculty Certification Program for Teaching Distance Education Courses at Norfolk State University. July 2015.
- Certified as Quality Matters (QM) Peer Reviewer for online courses.

Reviewer

- An external reviewer for Academic Program Review of the Mathematics and Computer Science Programs at Claflin University in Orangeburg, South Carolina. May 2016.
- Reviewed a cyber security internal grant proposal at Sam Houston State University in Huntsville, TX in 2014-2015.
- Program committee/reviewer in several journals and conferences.