

**MARK DAVIS**  
**Ph.D. Student in Computer Science**  
**University of Tulsa, Tulsa, OK 74104**

**Education**

M.S. (CS), University of Tulsa, Tulsa, Oklahoma, 2003  
B.S. (CIS), University of Tulsa, Tulsa, Oklahoma, 2001  
A.A. (Arts), Tulsa Community College, Tulsa, Oklahoma, 1998

**Areas of Specialization**

Information Assurance, Digital Forensics, Security Auditing and Penetration Testing

**Professional Experience**

Director, Tulsa Digital Forensics Laboratory, 2005-present  
Instructor, Security Auditing and Penetration Testing, 2003-present  
Instructor, Computer and Network Forensics, 2003-present  
Graduate Research Assistant, Department of Computer Science, 2002-present  
University of Tulsa, Tulsa, Oklahoma  
Research Scientist, Summer 2002  
Air Force Research Laboratory, Rome, New York  
Software Engineer, 1997-1999  
Teleprocessor Inc., Tulsa, Oklahoma

**Honors/Awards**

Phi Kappa Phi Honor Society, 2001  
University of Tulsa, Tulsa, Oklahoma

**Publications**

- [1] S. Piper, M. Davis and S. Sheno, Countering hostile forensic techniques, *Advances in Digital Forensics II*, M. Olivier and S. Sheno (Eds.), Springer, New York, pp. 79-90, 2006.
- [2] M. Davis, R. Kennedy, K. Pyles, A. Strickler and S. Sheno, Detecting data concealment programs using file system analysis, *Advances in Digital Forensics II*, M. Olivier and S. Sheno (Eds.), Springer, New York, pp. 171-183, 2006.
- [3] P. Gershteyn, M. Davis and S. Sheno, Forensic Analysis of BIOS chips, *Advances in Digital Forensics II*, M. Olivier and S. Sheno (Eds.), Springer, New York, pp. 301-314, 2006.
- [4] M. Davis, G. Manes and S. Sheno, A network-based architecture for storing digital evidence, *Advances in Digital Forensics*, M. Pollitt and S. Sheno (Eds.), Springer, New York, pp. 33-42, 2005.
- [5] P. Gershteyn, M. Davis, G. Manes and S. Sheno, Extracting concealed data from BIOS chips, *Advances in Digital Forensics*, M. Pollitt and S. Sheno (Eds.), Springer, New York, pp. 217-230, 2005.
- [6] S. Piper, M. Davis, G. Manes and S. Sheno, Detecting misuse in reserved portions of Ext2/3 file systems, *Advances in Digital Forensics*, M. Pollitt and S. Sheno (Eds.), Springer, New York, pp. 245-256, 2005.

### **Synergistic Activities**

Tulsa Digital Forensics Laboratory: Mr. Davis directs this state-of-the-art laboratory that houses four detectives from the Tulsa Police Department, three Oklahoma State Bureau of Investigation agents and two U.S. Secret Service agents. He supports law enforcement operations and spearheads research and development activities related to criminal investigations and digital forensics.