

# UNIVERSITY OF ILLINOIS AT SPRINGFIELD

December 1, 2014

Brookens Library  
One University Plaza, MS BRK 140  
Springfield, Illinois 62703-5407

National Security Agency  
Attn: NSA/DHS CAE Program Manager  
9800 Savage Road, Suite 6744  
Fort Meade, MD 20755-6744

Dear Sir or Madam:

I am pleased to offer the following information about the Information Assurance (IA) and computer science resources available at the University of Illinois Springfield in support of the designation as a National Center of Academic Excellence in Information Assurance Education. The Brookens Library at the University of Illinois Springfield (UIS) maintains an excellent collection with over 500,000 items to support of the teaching and research of all departments and colleges within the university community. This is especially true in the areas of computer science and management information systems as these are two of the university's largest degree programs. UIS's membership in the Consortium of Academic and Research Libraries in Illinois (CARLI) and its unique relationship with the other libraries within the University of Illinois system provide students and faculty with resources from over 130 libraries in the state through the I-Share borrowing program.

The Library has a large collection of monographs, e-books, and journals in the area of Information Assurance (IA). A quick search for items in the online catalog for just UIS using the subject terms *computer crime* (1445 results), *computer security* (6144 results), or *network security* (1768), and *information assurance* (232) demonstrates the depth of the resources available at UIS alone. If items available within the consortium are included, the number of resources available in the area of

information assurance alone jumps from 232 items to over 2,800 items. Besides the basic book collection the library has access to a number of electronic reference works to support these subjects including: *Encyclopedia of Computer Science, Cybercrime, Encyclopedia of Communication and Information, The International Handbook of Computer Security, Computer and Information Security Handbook, Cyber-security and Global Information Assurance, Cambridge Handbook of Information and Computer Ethics, and Handbook of Electronic Security and Digital Forensics.*

The Library also maintains subscriptions to many print and electronic serials in these fields. The library's relationship with the libraries within the University of Illinois system has allowed the Brookens library to maintain subscriptions to the entire journal catalog from a number of major publishers in the science and technology areas including Elsevier's Science Direct (2,200 titles), Springer (2,700 titles), and Wiley (1,000 titles) along with the Digital Libraries from IEEE (Institute of Electrical and Electronics Engineers) and ACM (Association for Computing Machinery). More information on the major resources in these areas is provided below. Some of the individual journal subscriptions of interest are *Information Systems Journal, MIS Quarterly Executive, and Journal of the Association for Information Systems.*

**Association for Computing Machinery (ACM) Digital Library** – This is the most comprehensive collection of full-text articles and bibliographic records in existence today covering the fields of computing and information technology. The full-text database includes the complete collection of ACM's publications, including journals, conference proceedings, magazines, newsletters, and multimedia titles and currently consists of over 407,367 full-text articles from over 44 journals with 2-3 new journals being launched each year, over 275 conference proceedings added each year to the over 2,000 proceedings volumes, 8 magazines (including Communications of the ACM), and newsletters from ACM's Special Interest Groups (SIGs), along with video and audio files.

**Computing Reviews** - Computing Reviews is the leading online review service for books and articles across all disciplines of computing.

**IEEE Xplore® Digital Library** --IEEE Xplore provides access to more than 3-million full-text documents from some of the world's most highly cited publications in electrical engineering, computer science and electronics. The content in IEEE Xplore comprises over 160 journals, over 1,200 conference proceedings, and more than 3,800 technical reports. This digital library contains all of the journals, magazines, conference proceedings from IEEE (Institute of Electrical and Electronics Engineers) and IET (Institution of Engineering and Technology)

**Science Direct (Elsevier)** – This source contains over 2,200 journal titles in all areas of science, technology, engineering, and mathematics (STEM) with over 200 titled devoted to computer science including *Network Security, Computer Fraud and Security, Digital Investigation, Infosecurity, Journal of Information Security and Applications, and Computer Law and Security Review.*

**Springer** – This scientific journal publisher provides over 15 titles in computer science including such titles as *Designs, Codes and Cryptography, Information Systems and e-Business Management*, and *International Journal of Information Security*.

In addition to the large numbers of books and journals purchased the library provides over 150 index, abstract, and full text databases. The databases covering computer science and information systems include: Web of Science (Science Citation Index), Scopus, Academic Search Complete and Business Source Complete. Both Scopus and Web of Science provide indexing and abstracts to articles of interest to computer science and are well known and highly respected. The Academic Search Complete and Business Source Complete databases provide both indexing as well as numerous full text articles and are described below:

**Academic Search Complete** – This is a multidisciplinary database providing both indexing and abstracting and full text from over 13,780 journals including 9,000 full-text journals. Some of the over 150 full text journals related to computer science and information services are *International Journal of Information Security* and *Journal of Computer Security*.

**Business Source Complete** - This business focused databases indexes almost 9,000 journals as well as other business related information, i.e. case studies, industry reports, books, etc. It provides full text to over 5,500 journals including such titles in the areas of computer security and management information systems as *Information Systems Journal, Information Systems Management, Journal of Information Systems*, and *Information Security Journal: A Global Perspective*.

Thank you for considering UIS for the honor of being a National Center of Academic Excellence in Information Assurance Education. I would be pleased to provide any additional information in support of this designation and the library's resources or services. Please do not hesitate to contact me.

Thank You.

H. Stephen McMinn  
Director of Collections and Scholarly Communications  
Brookens Library, University of Illinois Springfield

