Back Matter
Subscription Information

The Journal of Digital Forensics, Security and Law (JDFSL) is a publication of the Association of Digital Forensics, Security and Law (ADFSL). The Journal is published on a non-profit basis. In the spirit of the JDFSL mission, individual subscriptions are discounted. However, we do encourage you to recommend the journal to your library for wider dissemination.

The journal is published in both print and electronic form under the following ISSN's:

- ISSN: 1558-7215 (print)
- ISSN: 1558-7223 (online)

Subscription rates for the journal are as follows:

- Institutional - Print & Online: $395 (4 issues)
- Institutional - Online only: $295 (4 issues)
- Individual - Print & Online: $80 (4 issues)
- Individual - Online only: $25 (4 issues)

Subscription requests may be made to the ADFSL.

The office of the Association of Digital Forensics, Security and Law (ADFSL) is located at the following address:

Association of Digital Forensics, Security and Law
1642 Horsepen Hills Road
Maidens, Virginia 23102
Tel: 804-402-9239
Fax: 804-680-3038
E-mail: office@adfsl.org
Website: http://www.adfsl.org
Announcements and Upcoming Events

The ADFSL 2013 Conference on Digital Forensics, Security and Law
Richmond, Virginia USA
June 10-12, 2013

http://www.digitalforensics-conference.org

The ADFSL 2013 Conference on Digital Forensics, Security and Law will be hosted by Longwood University and held at the Wyndham Crossings Hotel in Richmond, Virginia, on 10-12 of June 2013.

The ADFSL Conference on Digital Forensics, Security and Law is a unique and innovative event. It is managed by the Association of Digital Forensics, Security and Law (ADFSL).

The conference focuses on the current and expanding role of digital forensics within investigations and the courts as well as its important role within cyber security – both national as well as corporate. Topics not only include technology and evidence, but also are very much focused on how to prepare students for careers in digital forensics. Curriculum is a very important topic and the new DoD initiative on certification and Centers of Academic Excellence will be very important areas of discourse.

Conference submissions are double blind refereed and provide a forum for high quality research, communication and debate on the subject of digital forensics and directly related fields.
AA# 53-2-114 & 53-2-115

Two Professors in Digital Forensics. Full time tenure track at Assistant or Associate level beginning Fall 2012. The Department of Mathematics, Computer Science and Statistics at Bloomsburg University of Pennsylvania seeks two individuals to work in its Digital Forensics major. Since its beginning, the Digital Forensics program at Bloomsburg has continually grown in the number of courses offered, the number of students enrolled and the accomplishments of its faculty. The Department seeks faculty who can help this program to continue to advance. Applicants with a background in any computing field will be considered. Applicants with a forensics, security or networks background are most appropriate. An earned Ph.D. or doctorate from an accredited institution by August 24, 2013 is required, however ABD may be considered with a one year contingency contract. A demonstrated ability to work with diverse populations is preferred.

Successful candidates will be expected to teach existing courses in the digital forensics major and to develop new courses in digital forensics. The normal teaching load is four courses per semester. They will also advise digital forensics majors. Professional growth through scholarly activities along with departmental and university service are required.

Prior to a final offer of employment, the selected candidate will be required to submit to a background check including, but not limited to, employment verification, educational and other credential verification, and criminal background check. Finalists for this position must communicate well and successfully complete an interview process and teaching demonstration, as judged by the department faculty. Recommendation by the majority of the regular, full-time departmental faculty is necessary for appointment.

A complete application consists of a cover letter, résumé, unofficial graduate transcripts, a statement of teaching experience and philosophy, a statement of research interests and plans for scholarly growth, and three letters of recommendation. Application materials may be submitted via email. References for finalists will be telephoned. Review of complete applications will be ongoing. Those received by 4:30 PM, EST, January 4, 2013 will be assured consideration; however the positions will remain open until filled.

Bloomsburg University encourages applications from historically under-represented individuals, women, veterans and persons with disabilities and is an AA/EEO employer.

Completing this search is contingent upon available funding.

Send application materials to
Digital Forensics Search Committee
Department of Mathematics, Computer Science and Statistics
Bloomsburg University of Pennsylvania
400 East Second Street
Bloomsburg, PA 17815

Email applications should be sent to wkrum@bloomu.edu with the subject line Digital Forensics Position.

Bloomsburg University of Pennsylvania encourages applications from historically under-represented individuals, women, veterans, and persons with disabilities and is an AA/EEO Employer.
Champlain College
Dean, Division of Information Technology and Sciences

Champlain College, a private, independent, entrepreneurial, teaching institution that is considered a national leader in educating today’s students to become skilled practitioners, effective professionals and global citizens, seeks an innovative and accomplished academic leader to become its next dean of the Division of Information Technology and Sciences (ITS).

Founded in 1878, Champlain offers professionally focused master’s, bachelor’s and associate’s degree programs and professional certificates on campus, online and abroad. The college enrolls over 2,100 undergraduate and 440 graduate students in a diverse array of leading edge programs. Champlain’s reputation for a transformative educational experience earned it a coveted spot in The Princeton Review’s “The Best 376 Colleges: 2012 Edition.” Annually, editors at U.S. News and World Report rank it in the top tier of Regional Colleges in the North and named it a “Top Up-and-Coming School” in 2010. In the 2013 edition of U.S. News’ “America’s Best Colleges”, the college ranked in the top 15 Regional Colleges in the North.

This past year, Champlain experienced an increase of 70 percent in the number of applicants to the college resulting in an incoming Class of 2016 that numbered more than 600. The average SAT combined score of enrolled freshmen was 32 points higher than in 2011.

Located in idyllic Burlington, Vermont, perennially ranked as one of America’s most exciting small cities, the campus enjoys views of New York’s Adirondack Mountains from its picturesque setting overlooking Lake Champlain. Champlain’s campus is beautiful, well-maintained and engineered for sustainability. Its new student welcome and admissions center is one of three buildings in Vermont to achieve LEED Platinum Certification, the highest green certification obtainable. In April, The Princeton Review recognized Champlain College as one of 322 Green Colleges for its commitment to sustainability throughout campus.

Champlain is accredited by the New England Association of Schools and Colleges.

The college seeks a dean for its Division of Information Technology and Sciences (ITS), an accomplished, energetic and engaging academic leader, committed to innovative curriculum and student success, with the ability to inspire and motivate faculty. Qualified candidates will possess a doctorate or an equivalent terminal degree in a relevant discipline, an outstanding portfolio of teaching, research or practice, and service that will warrant appointment to the rank of full professor. This is an exceptional opportunity for individuals with the drive, skill and administrative expertise to bring creative leadership to the organization and to play a meaningful role in shaping its future.

Reporting to the provost, the dean will serve as the chief academic and administrative leader of the ITS division, working in close collaboration with the provost, senior administrators and other deans to pursue common interests in support of the college’s overall institutional priorities. The dean will be responsible for articulating a clear vision and developing a strategy, through engaged dialogue with the faculty within the division, to identify priorities and appropriate directions for future growth, innovation and change. The new dean will focus on enhancing the overall excellence of the division, including ensuring the continued academic success of students and placing a high priority on the recruitment and retention of a distinguished faculty at all levels, promoting excellence as well as diversity in all its programs. The ITS division is comprised of 18 full-time faculty and enrolls 387 students, 112 of whom are entering freshmen in 2012.

Additional information about the Division of Information Technology and Sciences can be found at: http://www.champlain.edu/undergraduate-studies/majors-and-programs/academic-divisions/division-of-information-technology-and-sciences-x14423.html

Nominations, expressions of interest and applications are invited. Review of candidates will begin immediately and will continue until the position is filled, with the goal that the new dean will take office in July, 2013. To apply, please submit via email a letter of interest, a current curriculum vita and the names of five references (who will not be contacted without permission) to: ChamplainITS@wittkieffer.com.

Word or pdf documents preferred. All correspondence will be treated as confidential. Inquiries by phone for the search for the Dean of Information Technology and Sciences should be directed to Champlain’s Witt/Kieffer consultants, Jane Courson at (508) 257-0109 or Mary Elizabeth Taylor at (212) 686-2676.

Champlain College is an affirmative action/equal opportunity employer, and it seeks candidates who are committed to the highest standards of scholarship and professional activities and to the development of a campus climate that supports equality and diversity.
## Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Call for Papers</td>
<td>2</td>
</tr>
<tr>
<td>Guide for Submission of Manuscripts</td>
<td>2</td>
</tr>
<tr>
<td>From the Editor-in-Chief</td>
<td>5</td>
</tr>
<tr>
<td>Column: The Science of Digital Forensics: Recovery of Data from Overwritten Areas of Magnetic Media</td>
<td>7</td>
</tr>
<tr>
<td>Fred Cohen</td>
<td></td>
</tr>
<tr>
<td>&quot;Preemptive Suppression&quot; – Judges Claim the Right to Find Digital Evidence Inadmissible before It is Even Discovered</td>
<td>21</td>
</tr>
<tr>
<td>Bob Simpson</td>
<td></td>
</tr>
<tr>
<td>An Australian Perspective on the Challenges for Computer and Network Security for Novice End-Users</td>
<td>51</td>
</tr>
<tr>
<td>Patryk Szewczyk</td>
<td></td>
</tr>
<tr>
<td>Forensic Evidence Identification and Modeling for Attacks against a Simulated Online Business Information System</td>
<td>73</td>
</tr>
<tr>
<td>Manghui Tu, Dianxiang Xu, Eugene Butler, &amp; Amanda Schwartz</td>
<td></td>
</tr>
<tr>
<td>Implementing the Automated Phases of the Partially-Automated Digital Triage Process Model</td>
<td>99</td>
</tr>
<tr>
<td>Gary Cantrell &amp; David A. Dampier</td>
<td></td>
</tr>
<tr>
<td>John C. Ebert</td>
<td></td>
</tr>
<tr>
<td>Technology Corner: A Regular Expression Training App</td>
<td>125</td>
</tr>
<tr>
<td>Nick V. Flor</td>
<td></td>
</tr>
<tr>
<td>Subscription Information</td>
<td>133</td>
</tr>
<tr>
<td>Announcements and Upcoming Events</td>
<td>135</td>
</tr>
</tbody>
</table>