

eLearning@AU: January, 2018

<http://www.eLearning.au.edu>

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FROM THE EDITOR

Welcome to the first edition of eLearning@AU for 2018. In this issue you will find a series of interesting articles about new eLearning pedagogies, technologies and trends.



In her excellent article Nicole C. Moore explains the next generation of unhackable computer being developed and funded by DARPA (USA). In addition to several other interesting article, Call for Papers and other regular items are also available. Please send your suggestions to-

DrKuldeep@Live.Com

Call for Papers

[AU-eJournal](#)
[Interdisciplinary Research](#)



Don't Insult Your Class by Banning Laptops

Matthew Numer
Few topics are as trendy as the evils of technology. Each morning brings more stories of how social media is eating our brains and our smartphones are destroying our sleep cycles, our children's attention spans, and our will to live- and how the only cure is to cultivate a vinyl record collection. The latest demon is **our laptops**, which are said to **distract us** whether we're in a meeting or attending a lecture.

But the suspicion of laptops in the classroom is deeply misplaced. I've studied the effects of technology on university students, and I have found that it not only improves learning, it increases my students' critical thinking abilities.



I'm a professor of human sexuality at Dalhousie University, on Canada's Atlantic coastline. In my classes we discuss everything from the history of homosexual persecution to vaginoplasty to the cultural importance of **Fifty Shades of Grey**. As you can imagine, the conversations can get awkward, especially in a lecture hall with some 400 students.

[Read more](#)

QUOTE OF THE MONTH

The distance between your dream and reality is called **action**.

Unknown

Unhackable computer under development with \$3.6M DARPA grant

Nicole. C. Moore
By turning computer circuits into unsolvable puzzles, a University of Michigan team aims to create an unhackable computer with a new \$3.6 million grant from the Defense Advanced Research Projects Agency.

Todd Austin, U-M professor of computer science and engineering, leads the project, called MORPHEUS. Its cybersecurity approach is dramatically different from today's, which relies on software--specifically software patches to vulnerabilities that have already been identified. It's been called the "patch and pray" model, and it's not ideal. This spring, DARPA announced a \$50 million program in search of cybersecurity solutions that would be baked into hardware.



"Instead of relying on software Band-Aids to hardware-based security issues, we are aiming to remove those hardware vulnerabilities in ways that will disarm a large proportion of today's software attacks," said Linton Salmon...

[Read more](#)

Student Engagement with E-Texts: What the Data Tell Us

Serdar Abaci, Joshua Quick and Anastasia Morrone
Although cost savings is often cited as a key advantage of electronic textbooks (aka, e-textbooks or simply e-texts), e-texts also provide powerful markup and interaction tools. For these tools to improve student learning, however, their adoption is critically important.



This article focuses on the adoption and use of these tools and actual student reading data, which we consider understudied. Examination of actual reading data as well as markup use might help identify effective study practices that improve learning. In addition, adoption and use data might provide better measures to test the effectiveness of interactive e-texts as learning support tools. For example, previous research found that use of bookmarking, total number of pages read, and total number of days spent reading predict final course grade. Indiana University, as one of the few higher education institutions in the United States with a university-wide e-textbook adoption initiative, has also been studying adoption and use of e-textbooks by instructors and students. In our previous EDUCAUSE Review article we presented IU's e-texts program based on pilot data and some insights from faculty use of e-texts. In this article, we present findings based on actual use data on the e-text reading platform by IU students ...

[Read more](#)

The WIRED Guide to Digital Security

From Passwords to Farada Cages

In an age of nonstop breaches and hacks, getting a handle on your own digital security matters more than ever. But everyone has their own threat model- a set of concerns unique to themselves. The average smartphone user doesn't need to know what a Faraday cage is; an NSA contractor probably already has a good grasp of security basics. (Or...do they?) In this guide, we've included a few ways to improve your online security posture based on those different levels of risk.



These won't prevent the next mega breach or banish ransomware from the earth. They're not all-encompassing. But they'll help get you in the mindset of the types of steps you should be taking based on your particular situation.

[Read more](#)

The Realistic' Research Paper

Rob Jenkins

As a writing instructor, my greatest challenge is not underprepared students, online essay mills, or cellphones. It's the inherent artificiality of the classroom. My first-year composition courses represent- for most of my students-the last concentrated writing instruction they will ever receive. So I try to equip them, as much as possible, for all the **writing challenges** they will ever face. I don't just mean for their college years, but also-and more important-for the next 40 or more years of their professional lives.

[Read more](#)

Vol. 8: Issue 1

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GSeL: New Academic Calendar for 2017-2018



First Semester (1/2017): August, 2017 – December, 2017*
Second Semester (2/2017): January, 2018 – May, 2018
Summer Session (3/2018): June, 2018 – August, 2018

*This calendar is subject to change without notice. For further details contact your Program Director

Call for Papers

2018

International Conference on Social Science and Management (ICSSM)

Chiang Mai, Thailand
5-7 June, 2018

AAGBS International Conference on Business Management Bandaraya, Malaysia

25 & 26 July 2018

2018 International Congress on Banking, Economics, Finance, and Business (BEFB 2018)

Nagoya, Japan
April 6-8, 2018

[Click here for more Conferences](#)



Asst. Prof. Chanintorn J. Nukoon
Dean
Graduate School of eLearning
(GSeL)

Welcome to the Graduate School of eLearning (GSeL). New Semester (2/2017) will begin on January 8, 2018. Please contact the Program Directors and your instructors for help in selecting your courses of studies. Those who are graduating this year should fulfill all the requirements before the graduation ceremony. Please check out the details of AU Graduation Ceremony [here](#). I wish all our students, faculty and staff at GSeL a very -

Happy New Year-2018



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**Graduate School of eLearning
(GSeL)
Assumption University**

[Our eLearning Programs](#)

M.S. Management

M.S. ICT

M.Ed. in Teaching and Technology (T&T)

PhD in eLearning Methodology

PhD in Teaching and Technology (T&T)



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