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Celebrate Cybersecurity Awareness Month!

OCTOBER HAS ARRIVED - the time of apple cider, pumpkin spice and Cybersecurity Awareness Month! This is a time when government agencies partner with private industry to raise awareness on protecting your digital identity. This year we’re very excited to welcome Alex Lanstein ’07 back to campus on October 25 in the Charles Chu Room at 4:15 p.m. for "How Governments Leverage Disinformation and Espionage to Drive Intended Outcomes.” Alex will be speaking about real-world applications in the corporate environment. Tyler Campbell, Network and Security Engineer, will lead a workshop on setting up a password manager. Stay tuned for more information on both of these events. We hope to see you at both.

Unfortunately, identity theft and phishing scams continue to evolve and put the college community at risk. Information Services believes strongly that continuing education in this area is key to keeping our constituents informed of the latest tricks cybercriminals are using. This year’s overarching theme is “See Yourself in Cyber” and is all about taking action.

We’re focusing on the following four key security behaviors that encourage you to take control of your online identity.

- Setting up Multi-factor Authentication - we use Duo here at Conn!
- Using strong passwords and setting up a password manager
- Keeping your software up to date
- Recognizing and reporting phishing attempts

The IS security team has worked hard to make cybersecurity awareness part of the culture here on campus. New employees are required to complete training as part of their onboarding, employees with access to personally identifiable information (PII) must complete annual training, and monthly phishing campaigns are administered. Our efforts are paying off, we have fewer reports of compromised credentials, and our users are self-reporting malicious attempts at a very high rate.

As part of our ongoing efforts, you’ll hear us talking about cybersecurity all year long - not just in October. We’ll be sharing tips on avoiding the latest scams, as well as ways to protect yourself when traveling or shopping online. We hope that you will “See Yourself in Cyber.” If there’s a topic you’d like to learn more about, email help@conncoll.edu with the subject line “Cybersecurity Awareness Topic.”

— Heather Romanski

Join us!

ALEX LANSTEIN LECTURE
October 25, 4:15 p.m.
Charles Chu Room
“How Governments Leverage Disinformation and Espionage to Drive Intended Outcomes”
YOU’VE BEEN HACKED!

If you haven’t heard those words before, you’re one of the smart, or maybe just lucky ones! It’s hardly news that the security of personal and organizational data is challenged daily and often successfully. This only strengthens our commitment in IS to do all we can to protect the College’s data. Whether College financial records or an individual’s emails, the highest priority of Information Services is to provide infrastructure, technologies, policies, practices, staff and training to provide the best data protection we can.

Reading about information security, as I do, and worrying about it, as I do as well, here are leading best practices:

#1  Talk about information security often… make people aware of the threats and the best behaviors to safeguard data. October is Cybersecurity Awareness Month! Heather Romanski’s article in this newsletter details activities and events on campus designed to improve your data protection awareness and training. IS also regularly sends Information Security Alerts and offers workshops throughout the year on best information security practices. Staff contribute to the “Information Security-A Shared Responsibility” blog regularly.

#2  Realize data protection awareness is about the traditional weakest link: people. It is College policy that all new employees and those with access to Personally Identifiable Information (PII) complete information security awareness training. The simulated phishing messages you’ve seen recently help reinforce that training.

(And we all can get “caught”… free Dunkin’ Donut holes anyone!?!) Data protection systems such as Druva Insync, Malwarebytes, and Meraki Mobile Device Management are required on all College machines to protect against ransomware and human lapses. There are criteria for secure network access from off-campus work environments, a part of the FlexWork Policy.

#3  Investment is required. If data protection is a priority… putting resources and effort behind safeguarding proves it.

Fortunately, the College has technology replacement funding for key network hardware upgrades on a regular cycle. System monitoring software is provided and maintained. The College’s dedicated information security staff are excellent, and professional development is encouraged. Moving Banner and other systems to the cloud ensures College data is encrypted at rest, not just in transit; an important best practice. Cybersecurity insurance standards are reviewed and requirements addressed annually.

#4  Information security is not the responsibility of any single department. It’s not an “IS” thing…it’s an everybody thing! Information security takes commitment across all departments. The Data Governance Policy and Stewardship Committee, led by the College’s Chief Information Security Officer (CISO) John Schaeffer, is working to ensure responsibility for data protection is understood and shared across the College.

#5  Monitoring performance and continuously improving a data protection environment is the key to success. Systems are automatically monitored for threats or potential attacks and IS staff members quickly respond to threats. The Information Security Team meets bi-weekly for a robust discussion of threats, practices, and possible environmental improvements. College information security policies are public and enforced. The next biennial external review of the Conn information security environment is planned for spring 2023.

Finally, though IS is committed to institutional information security, individuals should regularly inventory their data protections, such as adopting strong passwords, using a password manager, and taking advantage of two-factor authentication whenever possible.

Be smart and be safe!

Lee

W. Lee Hisle, Ph.D.
Vice President for Information Services and Librarian of the College
Hi All!

My name is Hana Tanabe, and I’m the Shain Library intern for the fall semester. I am a recent Connecticut College graduate with a major in East Asian Studies, a concentration in Japanese, and a minor in theater.

During my senior year of college, my passion for my studies drove me to write an honors thesis that combined my interests in a fusion of autoethnography and scholarly analysis, “‘Living as Art:’ Performance and the Haunting of the Japanese Diaspora.” My writing went on to win the Oakes and Louise Ames Prize for most outstanding honors thesis at the college’s 104th commencement.

Currently, I am a graduate student at the University of Rhode Island in the Library and Information Studies program. I’m so excited to be back on campus!

Although I am enjoying my current work at a local public library, I have been hoping for the opportunity to work in an academic setting. This semester, I’m going to be assisting with various projects around Shain Library as a way of exploring different aspects of academic librarianship. One of my current tasks is working on the digitization of select library materials for open access online. As of the time of writing this, I have scanned, touched up, and OCRed newsletters from the non-profit organization New London Landmarks, ranging from 1976 to 1980. Additionally, I am assisting in the creation of a list of publishing opportunities for undergraduate students and searching for potential gaps in the library’s juvenile book collection. In the future, I hope to work on archival projects, alongside the cataloging and conservation of materials.

**Library Intern Profile:**

**Hana Tanabe ’22**

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**CONNECTICUT COLLEGE GRANTS**

for Open Educational Resources (OER) are supporting innovative teaching practices in French language classes, while also reducing the cost of education. This year, the French and Francophone department is undergoing a complete curriculum revision for its language acquisition courses, the center of which is the adoption of Liberté, an open textbook created by Gretchen Angelo (California State University, Los Ángeles) and Emmanuelle Remy (Pasadena City College). French and Francophone faculty, Sana Abdi, James Austin, Jacob Levi and Robyn Pront, will also develop supplemental materials to use alongside the textbook.

The department proposed this project for several reasons. First, as publishers move to web-based textbooks with exercises and activities, French department faculty have found that language learning is less effective using these electronic tools and prefer to use paper-based methods. Additionally, these commercial platforms are expensive, costing an introductory language student around $250. In order to open the study of French equitably and to as many students as possible, including those who did not have access to French in high school, the department decided that the move to low-cost OER was imperative.

Although Liberté is free, the department prefers students own print copies of the book. Through a collaboration with New London-based CopyCats and the Connecticut College bookstore, students can purchase a print copy for a small cost, approximately $25.

Liberté creators include supplemental materials for instructors, such as tests, exercises, syllabi and audio files. Our French and Francophone department faculty will create additional supplemental materials, focusing on cultural lessons and audio recordings. These improvements to the textbook will, in turn, be shared openly with Creative Commons licenses for instructors around the world to use.

The OER Grant program, developed by Information Services with support from the Office of the Dean of Faculty, helps mitigate the total cost of education while also promoting equitable, accessible, and innovative teaching and learning. Learn more about the OER grant program at [https://conncoll.libguides.com/OER/Conn](https://conncoll.libguides.com/OER/Conn).

— Jessica McCullough
Alexander Vindman Speaks at Sound Lab Lecture

THIS YEAR’S SOUND LAB LECTURE was delivered by Alexander Vindman, retired lieutenant colonel in the United States Army and expert on Russia and Ukraine for the Joint Chiefs of Staff and the National Security Council, who came to prominence during the first impeachment trial of Donald Trump. Vindman is currently finishing his doctoral degree at the Johns Hopkins School of Advanced International Studies while serving as a Foreign Policy Institute Fellow at the Lawfare Institute, a board member of the Renew Democracy Initiative, a visiting fellow at the University of Pennsylvania’s Perry World House, and a senior advisor to Vote Vets.

Vindman spoke to an audience of nearly 500 students, faculty and members of the general public in Palmer Auditorium on September 15 about the current situation in Ukraine. He began by recounting his own journey from the Soviet Union to New York to an army career ending in important advisory positions in the White House. He spoke of why he felt he had to act when he overheard Donald Trump pressuring Ukrainian President Volodymyr Zelenskyy to help him in his reelection. He placed considerable blame for the Russian invasion at the feet of the previous administration while also acknowledging missteps by the current president. In a free-wheeling Q&A following the lecture, Vindman fielded questions for nearly an hour ranging from how the war ends, to the possible use of nuclear weapons, to his own political aspirations.

Following the lecture, Vindman met with Sound Lab retirees and Conn students in history and Slavic Studies. There are three First-Year Seminars this fall dealing with various aspects of Easter Europe and many of the students had the opportunity to discuss their coursework and current events with him.

— Ben Panciera
College Receives Impressionist Painting

IN 2020, the College was notified that it was the beneficiary of a painting by Ernest Lawson, titled *Canal Scene in Winter*, which was part of the estate of Michael Walters, spouse of Nancy Walters ’62. The painting was to be loaned to the Canadian National Gallery of Art to be shown as part of an exhibition, *Canada and Impressionism*. The exhibit was delayed several times due to Covid and finally took place in spring 2022. This August the painting was finally delivered to campus and added to the Campus Art Collection.

Ernest Lawson was born in Halifax, Nova Scotia in 1873 but came to the United States as a young man and studied art in New York City. His early work was in Impressionism which he studied at an art colony in Connecticut as well as in Paris. He subsequently returned to New York and developed a unique aesthetic taking lonely landscapes as his subject. He later joined the circle of contemporary painters known as The Eight and enjoyed considerable success over the succeeding decades.

*Canal Scene in Winter* is an early work of Lawson’s, likely painted in France in 1894. The Campus Art Committee is currently working to identify a location on campus where the painting can be safely exhibited.

— Ben Panciera
Manwaring Infrastructure Challenges

This Fall the College was pleased to have a large incoming first-year class, but that good news challenged Residential Life staff to find additional housing for the students returning to campus. In a stroke of really good fortune, the College was able to lease the Manwaring Building then being renovated on State Street in downtown New London. With over 20 apartments that house some 60 students a year, Manwaring is a winner!

The problem the Networks, Server, & Security (NSS) team had to resolve was how to connect Manwaring to the campus in the most efficient manner possible. The two options considered were:

1. Connect directly using a dark-fiber optic cable which would require some construction to run fiber from campus to Manwaring, or
2. use a third-party provider and backhaul college-destined data using a Virtual Private Network (VPN) device.

Either solution will allow Manwaring door controllers, essential for the security of the residences, to talk back to the college server. After comparing costs, the college found option #1 to be the best and most efficient solution in the long run.

The College contracted with Crown Castle to provide fiber optic connectivity. Unfortunately, there were delays in the construction process as New London construction permits were required for trenching and installing conduits for the fiber.

As a short-term solution, the NSS team worked with Breezeline Communication, a local internet provider, to set up a 1Gb/s connection. This required the NSS team to install a VPN device for connectivity to residence wireless access points (WAP), as well as door access controllers. The first device tried was a Remote Access Point (RAP) that staff have used effectively in other off-campus locations such as 740 and 768 Williams Street. Unfortunately, the RAP couldn't handle the throughput generated by that number of access points and needed wireless connectivity. This caused instability in the Manwaring Building for the first few weeks of occupancy. Fortunately, our second solution using a Fortinet small office router worked well and is currently in place. The Fortinet router provides better connectivity using what is called "split tunneling." This means that traffic destined for the college goes through the Fortinet VPN, but traffic destined for internet locations like Google, gaming, or streaming entertainment sites bypass the tunnel improving response times.

Without this solution, data would go back to the College and through the college’s Wide Area Network connection, making response times slower.

Once the temporary internet connection issue was resolved, staff had all of the devices in the Manwaring up and running, including 13 Verkada security cameras and 30 Aruba WAPs. To ensure connectivity, staff installed a hardwired ethernet connection in each apartment.

The Crown Castle fiber optic connection to the Manwaring Building should be completed by the time this article is published. Once cutover occurs, Manwaring will connect to the camps with a dedicated 1Gb/s bandwidth and the Breezeline connection will be terminated. Staff started on the project during the summer and given the tight timeline for this project, we’re proud that temporary and now permanent connectivity to this location could be provided in time for students’ arrival this fall. Direct fibers now in place will provide better speed and reliability. The NSS team would like to thank all of the Residence Life staff for their patience in working with us through those first few weeks of connectivity.

— John Schaeffer
Giddy ERP! Moving to the Ellucian Managed Cloud

ELLUCIAN BANNER has been the College’s enterprise resource planning (ERP) and student information system (SIS) since 2004. Much of the business of the college happens through Banner such as payroll for all college employees, faculty grading and student registration for classes. Connecticut College also has Ellucian DegreeWorks, which is a comprehensive academic advising, transfer articulation and degree audit solution for students and their advisors.

For the past 18 years, Banner, Banner Self Service and DegreeWorks systems/servers have been hosted and maintained at Connecticut College. There are approximately 40 servers needed to run these systems, and all of it is “on-premise.” Maintenance of Ellucian servers/systems takes so much time and attention from IT Staff, that very little is left over for new technology initiatives. Currently IT programmers and developers devote approximately 75% of their time to this ongoing maintenance just to keep the doors open, and 25% on new initiatives.

For the past several years, it has become the trend for colleges and universities to shift from on-premise based systems to cloud-based solutions. Overall, cloud-based solutions help institutions eliminate long-term maintenance costs to upkeep on-premise platforms, protect their data, streamline administrative processes, and respond to changing needs quickly and efficiently.

Given this critical initiative, Information Services contracted with Ellucian to move Ellucian Banner, Banner Self Service, and DegreeWorks to the Ellucian Managed Cloud. This is a large and complex project for Enterprise Systems and Banner Partners across campus. The expected cut-over date will be in June 2023. A successful cut-over means a seamless transition: The campus community will notice no difference in functionality. Information Services and partnering divisions across campus look forward to this shift to the cloud and the significant positive impact it will have for all who rely on these mission critical applications.

— Laurie Schaeffer

Reflecting on Popular Searches in OneSearch

THERE ARE THOUSANDS of searches in the library catalog each month. Some of the most popular searches often produce thousands of results, even when the person searching might just be looking for one thing in particular.

Some of the most popular searches over the past academic year included the Che Guevara Reader, The New Jim Crow, Let Nobody Turn Us Around, The Craft of Research, and The Affect Theory Reader.

Use Quotes for an Exact Match

What each of these searches presumably has in common is that they seek a known-item, a particular book. Something else they have in common is that each of them could benefit from information the searcher most likely already possesses, namely the title of the book.

When keyword searching for a known item, one can enclose the title or a fragment of it (two words minimum) in quotation marks to indicate that they are looking for an exact match. Try using “quotation marks” for exact match phrase searching. This works in the library catalog, the library databases, and often on the web in general.

The titles above would look like this:

- “che guevara reader” (capitalization doesn’t matter in the library catalog)
- “New Jim Crow” (initial articles like “A” and “The” similarly do not matter)
- “let nobody turn us around”
- “Craft of Research”
- “affect theory reader”

Doing a search for “affect theory reader” (without quotes) will recall all of the catalog records that contain each of these words in any order (theoretically, this would mean all of the lens-shape areas where the circles overlap). However, thanks to the algorithms according to which the catalog operates, this search will also recall catalog records that contain multiple instances of one or more of these terms. That means any record that contains the word affect more than once, or the word theory, or the word reader, or some
combination thereof. If there is a catalog record that contains the word theory five times, that will likely figure highly in the search results based on the information provided.

That's a lot of irrelevant records to process for someone who just wants to find one book.

A search for “affect theory reader” (with quotes) still includes results for articles, book chapters, and anything else that contains the exact phrase “affect theory reader” because the phrase is still not yet unique.

**Combine Quotes with Additional Keywords**

If you want to be even more precise with your searching, add an additional keyword, like an author or editor's name, outside of the exact match phrase you're looking for. Combining an exact match phrase search with an additional keyword helps to signal the uniqueness of the item sought after. For example, in the case of the Affect Theory Reader we can add the name of one of the editors: “Affect theory reader” Gregg.

**Tell the Computer What to Do**

Another option for further refining your search is to tell the library catalog where to look. If you know you're looking for a book, rather than an article about a book, limit your catalog search to CTW Search (items available from Conn, Trinity, or Wesleyan) or Conn Coll Books and Media (items available at Conn specifically), rather than searching through Everything. Doing so will present you with a more accurate and immediate indication of the item's availability.

In the end, a search for “affect theory reader” (with quotes) and Gregg (free-floating editor name), limited to Conn Coll Books and Media, produces one result. These are words of wisdom intended for library users to help our library catalog OneSearch live up to its name.

— Andrew Lopez

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**New and Improved Greer Music Library**

**OVER THE SUMMER,** library staff created a new area in Greer Music Library that significantly expands opportunities for individual and group study. The improved study area measures nearly 1,500 square feet and includes comfortable chairs and ottomans, new rugs, a row of individual study carrels, and long work tables. What's more, library staff purchased and installed a Yamaha electronic piano, which is located in the alcove adjacent to the main reading room along with two listening stations. Patrons can now check out a score and headphones and then play the piano without disturbing other library users.

The creation of the new study space follows a summer 2022 project to move circulating (non-score) books to Shain, along with reference books and bound journals. The books formerly located in Greer have now been integrated into the Shain collection as part of a larger project to shift and strategically reduce the Shain physical collection (see the related article for more information on this project). Scores and sound recordings remain in Greer, which is open Monday through Wednesday from 12 to 9, and Thursday, and Friday and Sunday from 12 to 9.

— Fred Folmer
Improving Off-Campus Access to Library Resources

OVER THE COURSE of the summer library staff made significant improvements to the options for accessing library resources when off campus. Connecticut College is now using OpenAthens, an authentication system that provides access based on who you are (and the institution you are affiliated with), not where you are. Many publishers’ websites have a login option to access restricted content. If you are off campus and doing research, you should look for “Institutional Login” or “Sign in with OpenAthens.” If Connecticut College is a subscriber, you can log in with your CC credentials and gain full access.

Of course, you can still start your research on the library homepage, if you are off campus, you will be prompted to log in after which you will have full access to all resources.

Another option for streamlining access to library resources when off campus is LibKey Nomad which is a browser extension that provides links to full-text articles as you research on the web. LibKey Nomad is fast to set up; instructions and more information are available at https://thirdiron.com/wp-content/uploads/2020/03/Nomad_User_Guide.pdf.

Finally, Technology Services provides access to a VPN (Virtual Private Network). The VPN provides full access to all college resources if you are off campus. If you are working on a college-issued computer the VPN software should come installed; if you’re interested in installing the VPN software instructions are available at https://help.conncoll.edu under the “Wifi and Network Access” section.

— Kathy Gehring

Library Completes Large-Scale Shift of Materials

IN LATE AUGUST, library staff members completed a long-term project to shift most of its physical collections, and to reduce portions of its collections strategically, following a rigorous process of data analysis and faculty review. These shifts will enable a future expansion of the Academic Resource Center (ARC) on the second floor of Shain Library, and provide space for future growth of library collections as well as future campus space development.

The project, which was announced to the campus in 2021, involved numerous collections:

- Following a faculty review, staff members withdrew outdated or electronically duplicated materials from the Shain Reference collection, and shifted the collection to make space for DVDs and materials from Greer Music Library.
- DVD collections were shifted from the second floor to the first floor of Shain.
- Obsolete or duplicated physical government documents were deaccessioned following extensive coordination with state and federal agencies.
- Many older books cataloged with the Dewey Decimal System were withdrawn following faculty review and data analysis, and cross-checking against preservation consortia (EAST or HathiTrust) holdings.
- Following a faculty review, staff withdrew selected books from call numbers U (military science), V (naval science) and Z (bibliography).
- Greer Music Library materials including circulating books (non-scores), reference materials and bound journals were cleaned of mold, transported to Shain Library and integrated into the collection. This move created additional study space in Greer (see the related article) and will facilitate inter-disciplinary research by unifying book collections. Scores and sound recordings remain in Greer.

In addition, the entire Shain collection was shifted, with books beginning with call number G moving from the second to the third floor, and those with Q through Z moving to compact shelving on the lower level. Overall, these reductions and shifts created some 1,100 square feet of space on Shain’s second floor, paving the way for the future ARC expansion; some 1,200 square feet on the third floor, providing available space for future projects; and additional roughly 1,500 square feet of space in Greer Music Library, which remains open as a study area and a place to check out scores and sound recordings. Greer is also newly equipped with an electric piano, along with headphone checkout, so that library users can practice right in the library space.

Professional staff and student workers alike contributed greatly to this effort. Many staff members spent significant time pulling books marked for withdrawal, and supported student workers in these tasks. Lorraine McKinney, acquisitions supervisor, provided expert logistical direction to the project and coordinated extensively with staff, students and outside contractors. The project’s success owes greatly to Lorraine’s expertise. Staff contracted with Overton & Associates, who performed the bulk of the shifting work and assisted with planning and logistics. Staff further coordinated with mold restoration company BMS CAT, which cleaned Greer books prior to their move to Shain.

— Fred Folmer
Exhibits

THE CUALA PRESS COLLECTION AT CONNECTICUT COLLEGE

Shain Library exhibit area through January 15, 2023

The Linda Lear Center for Special Collections and Archives has an extensive collection of books and complete collection of broadsides printed by the groundbreaking Cuala Press. The press was established by Elizabeth Yeats with assistance from her brother, the Nobel laureate poet and playwright, William Butler Yeats. For nearly four decades the press published works by and about Irish authors creating and celebrating the culture of a nation emerging from British rule.

THE ART OF LEONARD BASKIN

Linda Lear Center exhibit area through January 15, 2023

This exhibit features the extensive collection of Leonard Baskin materials in the Linda Lear Center with particular emphasis on his often challenging depictions of animals and human figures. Many examples will be included from Baskin’s own Gehenna Press, which he founded while still an undergraduate and operated for over five decades. The Lear Center’s collection of large framed Baskin prints will also be exhibited.

Upcoming Workshops

GETTING STARTED WITH PRESSBOOKS
Oct 24, 4 p.m. | Virtual
Learn about Pressbooks, our new open publishing platform. We’ll cover layouts, images and open licenses, browse examples of Pressbooks and explore advanced features.

AND, WE’RE ROLLING: CREATING AND SHARING VIDEO LECTURES, TUTORIALS, AND MORE
Oct 25, 1 p.m. | Virtual
This workshop will showcase the versatility of video and how you can use this medium to enhance your work

FREE STUFF FROM THE LIBRARY!
Oct 28, 10 a.m. | Virtual
Wall Street Journal, Chronicle of Higher Ed, thousands of scholarly journal articles and more! Please join us for some top tips for finding and accessing free research resources brought to you by Information Services.

LIBRARY LIGHTNING ROUND: HOW TO COMPARE LAWS BY STATE
Nov 9, 2:15 p.m. | Virtual
Debates about gun regulation, abortion, and voting rights have been at the the center of recent news. Learn how to use the National Survey of State Laws in the HeinOnline database for quick state-by-state law comparisons.