



COMMUNITY QUARTERLY

Quarterly Newsletter

Discovering and discussing the ever changing landscape of Cybersecurity Education for NSA Centers of Academic Excellence designees.



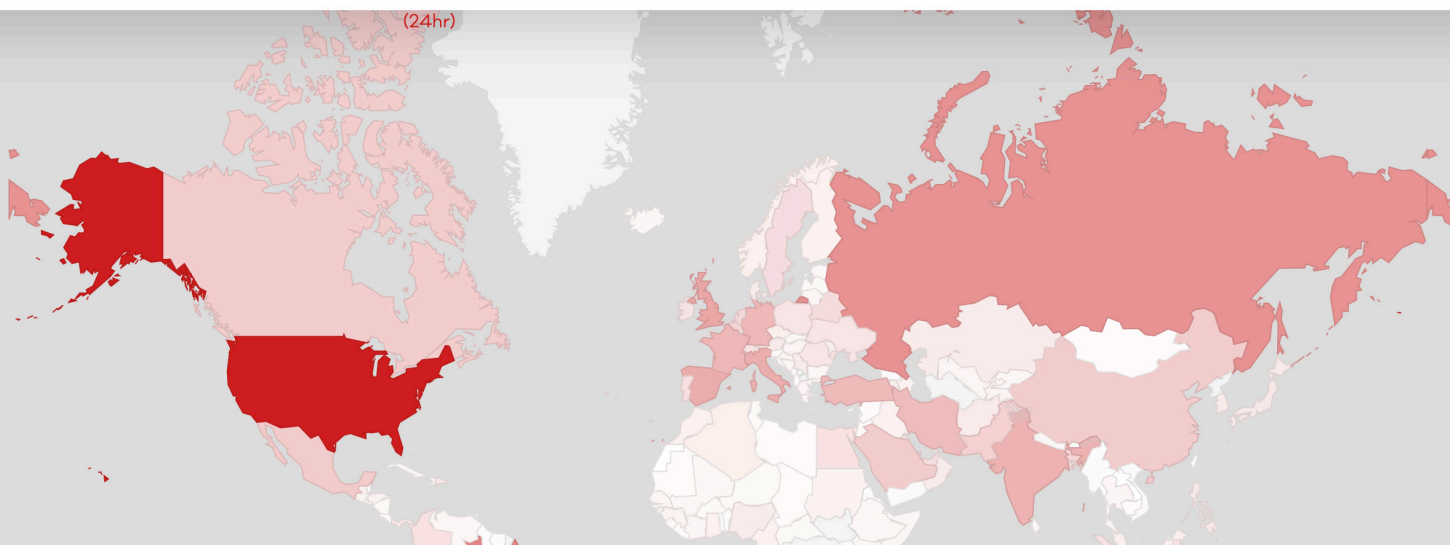
Confirmed
6,379,270 ↑2%
(24hr)

Deaths
381,808 ↑1% (24hr)

Recovered
3,316,197 ↑1% (24hr)

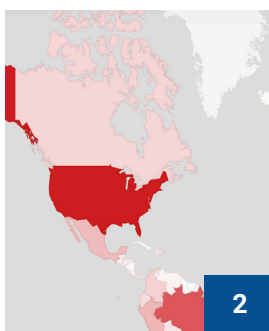


University of
New Haven



Students from a CAE-designated institution release new resource in the wake of COVID-19.
(More information on page 2)

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COVID-19 Resource Developed at CAE-CO Institution

In the wake of COVID-19, four students from the University of New Haven, a CAE-CO-designated institution, have developed a resource to track reported cases of the virus worldwide. Entitled "PandeMICS," the resource... **continued on pg. 2**



CAE in Cybersecurity Symposium

Mark your calendars for the CAE in Cybersecurity Symposium! The event has been moved to a virtual platform, but is still scheduled for November 19-20, 2020... **continued on pg. 5**



Newsletter created by the CAE in Cybersecurity Community in collaboration with the CAE-C Program Office.

Community Spotlight

COVID-19 Resource Developed at CAE-CO Institution

In the wake of COVID-19, four students from the University of New Haven, a CAE-CO-designated institution, have developed a resource to track reported cases of the virus worldwide.

Entitled “PandeMICs,” the resource shows a map of the world with up-to-date information on the number of confirmed cases, reported deaths, and recoveries.

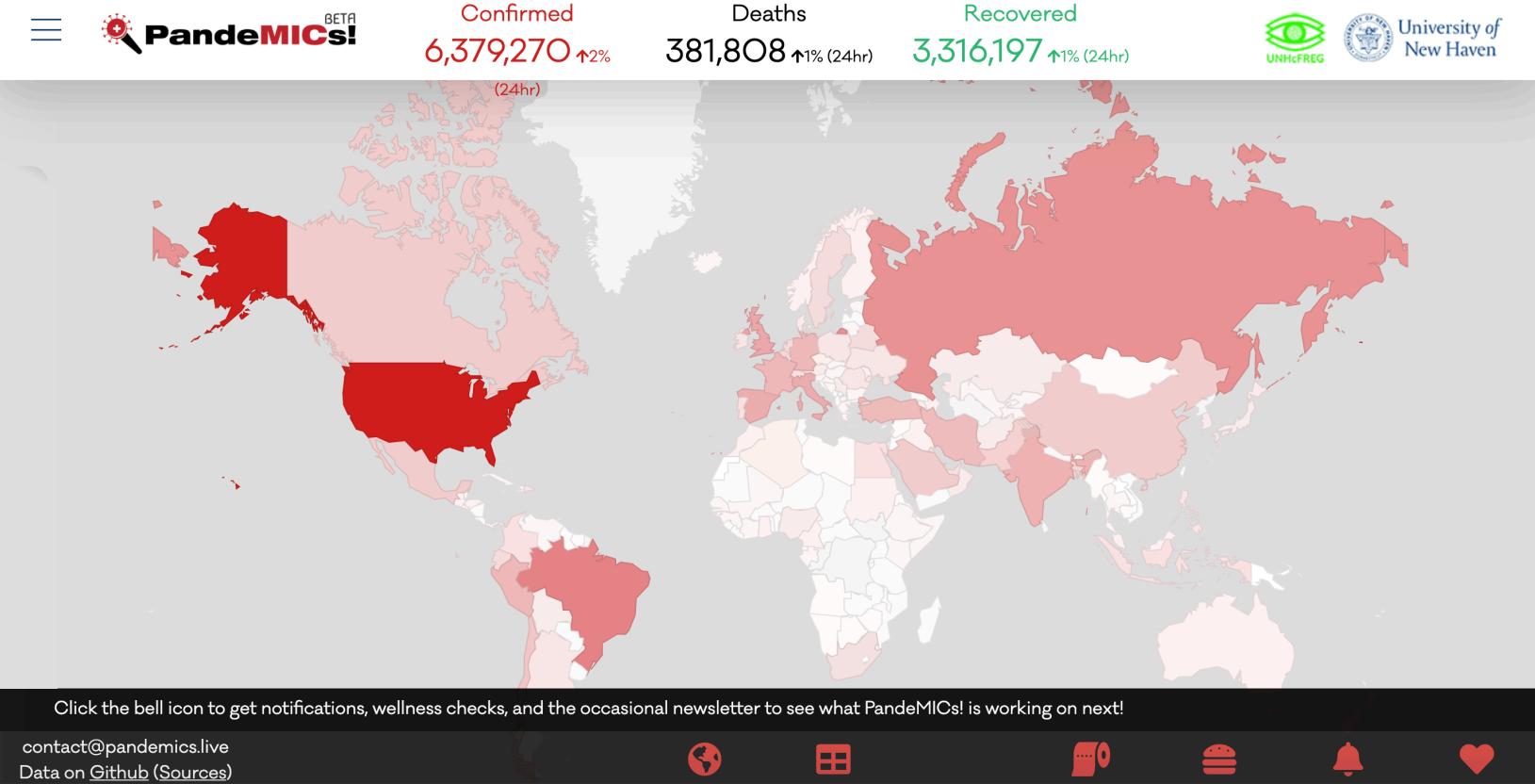
In an article published by the university in April, incoming senior Samuel Zurowski said, “I hope this helps people to better understand the current situation and that it encourages people to follow social

distancing recommendations. I also hope it will help people to easily find the information and items they need.”

Recently, the students working on the project released an iOS app (which you can download [here](#)) in addition to the existing PandeMICs website.

Visitors to the site have the ability to search an area for food banks, as well as essential items that have become scarce or difficult to find, such as toilet paper, cleaning supplies, and groceries.

“For many people, this is the first time in their lives they are struggling to get the things they need from the stores,” TJ Balon, one of the students working on features and continuity for the resource, said, “I



hope PandeMICs will help in these challenging times. If it helps even one person, we've been successful in making a positive impact."

The goal of the project is to "leverage crowd-sourced information to let our users know where suspected infectious disease cases are, what local stores have supplies, and where they can go to get tested through a powerful upvote/downvote system."

As cases around the world rise, the team behind the PandeMICs project hopes to provide encouragement and support in a world of chaos.

According to graduate student Krikor Herlopian, "It has been a rewarding experience to be involved in this challenging, thought-provoking, and creative project."

Community Website Updates Coming Soon

In the coming weeks, you may notice some changes happening on the [website](#). We are working hard to meet the changing needs of our community, and we ask for your patience as important updates are taking place.

NICCS™

NATIONAL INITIATIVE FOR CYBERSECURITY CAREERS AND STUDIES

National Initiative for Cybersecurity Careers and Studies (NICCS)

The National Initiative for Cybersecurity Careers and Studies (NICCS) is the leading online resource for cybersecurity training, education, and workforce development tools. NICCS connects students, educators, and cybersecurity professionals to academic programs, continuing education, and navigation of the nationwide cybersecurity field.

National Centers of Academic Excellence (CAE) are highlighted every quarter on the NICCS website through the [Featured CAE Programs](#) page. To be featured, CAE must have courses listed on the [NICCS Education and Training Catalog](#).

As colleges and universities expand their course offerings to virtual and online options, this is an ideal time to apply to become a featured CAE. In addition, CAE can continue adding to our training catalog, which has over 5,000 courses and counting.

There is no cost to advertise courses on the training catalog. To become a NICCS training provider, please visit the [Become a Provider](#) page and submit an application. Once the application is received, instructions will be sent to submit courses.

CAE schools can also explore our [Student Cybersecurity Resources](#) page, to encourage students to research cybersecurity industry career options. In addition, our [Cybersecurity Careers](#) page shows active federal cybersecurity job openings from [USAJobs.com](#). Both pages can be used as teaching tools for the current cybersecurity job market, and to help students find jobs after graduation.

To learn more about NICCS or the CAE program, visit the [NICCS CAE page](#) or email us at NICCS@hq.dhs.gov.

Community Activity

2020 CAE Virtual Career Fair

Register now for the CAE VCF, sponsored by the National Cybersecurity Training & Education Center (NCYTE) and the National Science Foundation (NSF)

On Sept. 4, 2020, from 9am-1pm PT, the CAE in Cybersecurity Community will be hosting a Virtual Career Fair, sponsored by the National Cybersecurity Training and Education (NCyTE) Center and the National Science Foundation (NSF).

This free event connects students and alumni from CAE institutions with employers who are seeking cybersecurity talent. Employers can showcase their organizations by hosting virtual booths and presentations, and CAE institutions have the opportunity to host a booth highlighting their academic programs. In past years, over 1,000 job seekers have participated

in the event, and more than 20 representatives from government, industry, and academia have run virtual booths.

This is a great opportunity for students seeking cybersecurity positions in government and industry. Students and alumni from CAE institutions who are looking for internships, full-time, part-time, permanent, seasonal, or temporary employment are welcome to take advantage of this opportunity. For registration and more information, check out the [events](#) page on the website. Employers and CAE institutions who would like to hold a booth at the event should also fill out the additional [Exhibitor Registration](#) form.

We hope to see you there! Register now to secure your spot!

A banner for the CAE Virtual Career Fair. The background is dark blue and grey with a network of white lines connecting circular icons of diverse people. The text "CAE Virtual Career Fair" is prominently displayed in white and red. Below it, the date and time "September 4, 2020 // 9AM-1PM PT" are shown. Further down, it says "Sponsored by the National Cybersecurity Training and Education Center and the National Science Foundation". At the bottom, there are logos for the CAE, the National Security Agency (NSA), the NCYTE Center, the NSF, and the U.S. Department of Homeland Security.

CAE Virtual Career Fair

September 4, 2020 // 9AM-1PM PT

Sponsored by the National Cybersecurity Training and Education Center and the National Science Foundation

CAE NATIONAL SECURITY AGENCY NCYTE CENTER NSF U.S. DEPARTMENT OF HOMELAND SECURITY

Community Activity

CAE in Cybersecurity Symposium

Mark your calendars for the CAE in Cybersecurity Symposium! **The event has been moved to a virtual platform, but is still scheduled for November 19-20, 2020.** The Call for Proposals will be available until July 30.

The CAE in Cybersecurity Symposium is open to all existing Centers of Academic Excellence in Cyber Defense Education (CAE-CDE), Centers of Academic Excellence in Research (CAE-R), and Centers of Academic Excellence in Cyber Operations (CAE-CO), as well as government representatives and invitees. Schools that are currently applying or have applied for the CAE designation are also welcome to attend.

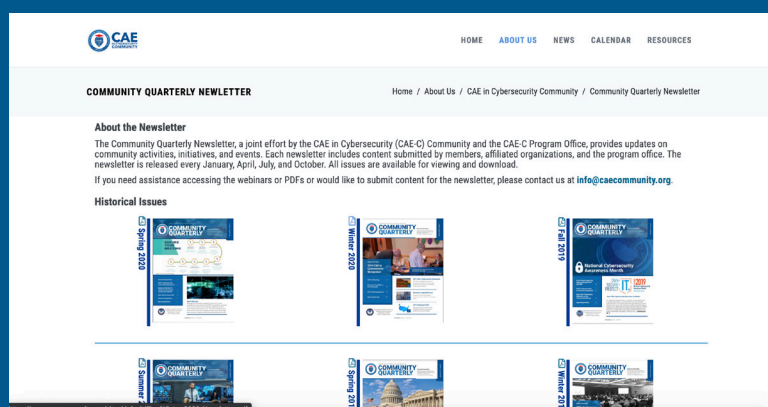
This event is designed to give CAE in Cybersecurity Community members and applicants the chance to present research, network, and receive updates from the community.

If you have any questions about this event, please contact info@caecommunity.org. For more information, visit the CAE Community [website](https://www.caecommunity.org).



New Community Quarterly Page on the Community Website

We are excited to announce a new page on the CAE Community site! To view past editions of the Community Quarterly newsletter, please visit <https://www.caecommunity.org/community-newsletter>. If you have questions regarding the Community Quarterly newsletter, please contact info@caecommunity.org.



Community Spotlight

Alumni Perspectives

Princess Young reflects on her time at a CAE institution

What CAE institution did you attend?

PY: I attended the National Information Assurance Training and Education Center (NIATEC) program at Idaho State University. Go Bengals!

What was your major?

PY: I received my MBA in Information Assurance.

Were you always interested in cybersecurity? If so, did you choose the school based on its cybersecurity program? If not, how did you get involved?

PY: Growing up, I was always around technology because my Grandpa taught the technology classes at the college that he and my Grandma started. By seeing their entrepreneurial spirits and servant's hearts fill a need in our community, I grew up determined to "help people," in whatever way that could take shape.

I started down the path of Business Management, thinking that perhaps I would also start my own business one day. I also minored in Music because it gave me a creative outlet, and I enjoyed the musical teamwork of our university choirs. Upon graduating with an Honor's Bachelor degree, I was given the opportunity to join the CyberCorps: Scholarship for Service program. I started, I struggled, and then I succeeded. It was a huge chapter of growth in my life that I'm extremely grateful for.

What was your favorite part of your classes or the program?

PY: Our Principal Investigator, Dr. Corey Schou, is a huge believer of learning something and then sharing that knowledge to those fellow students around you. We would teach classes to our fellow SFS students. We'd complete outreach opportunities on campus and in our community. We would help demystify cybersecurity and motivate younger students to consider the field as a possible future career. As someone who believes in developing yourself and

developing others, those moments of relationship building and sharing knowledge were my favorite.

How did the program impact your career?

PY: This program completely changed my career trajectory. I'm so honored to have completed this program. I was an intern and then full-time employee at the U.S. Department of Homeland Security for almost 5 years. It was a huge move cross-country from Idaho to Virginia. I found a love and appreciation for civil service. I also was afforded the opportunity to work mainly on the "people" side of cybersecurity, developing awareness and outreach programs, building our cybersecurity talent pipeline, and communicating with stakeholders across the country and across the world.

What are you doing now?

PY: After a wonderful time with government, I decided to take a jump into the private sector. I am now the Senior Analyst and Program Lead for Southwest Airline's cybersecurity awareness and training program. It's an honor taking the skills learned from college and government to now helping educate and protect our airline's 60,000-employee population.

We would help demystify cybersecurity and motivate younger students to consider the field as a possible future career. As someone who believes in developing yourself and developing others, those moments of relationship building and sharing knowledge were my favorite.

-Princess Young

What advice would you give to current or prospective CAE students?

PY: You can do it! The program is by no means easy, but it's worth it. Take risks and seek out the area of cybersecurity that you'd be happy doing for years to come. And know that you can change things up over time too, because the field is ever-changing. Always be willing to lend a hand to your fellow students and future organization. You will grow in the process, but you will also be seen as someone people can count on, which can go a long way in your career.

Anything else you'd like to share about your experience?

PY: I'm probably preaching to the choir here, but cybersecurity is such an amazing and important field to be in right now. It impacts every single one of us personally and professionally, making your career and instant conversation starter. Help your non-cyber friends and family be safe and secure too. That's how we strengthen our country's cybersecurity posture, educating and helping one person at a time.



Princess Young (pictured) graduated from Idaho State University, which received its CAE-CDE designation in 2014.

Program Office Announcements

We hope that all of you are staying safe. Many of us continue to work a large portion of the time, much of this without NSA email access. Please continue to use the caeprogramoffice@gmail.com address in addition to emails to our normal addresses.

The pilot of the new process has kicked off. Participating schools are getting a first look at what these updates will entail. We anticipate feedback in the coming weeks/months that we can share with you. If your institution is redesignating in 2021, we will be in contact with you about your scheduled redesignation slot.

The Program Office is soliciting topics for the CAE Tech Talk and CAE Forum in the fall. This virtual forum is a great way to share information with the Community. If interested, please contact caeprogramoffice@gmail.com and caepmo@

nsa.gov. The first forum will kick off on Wednesday, September 2nd at 1pm; the first Tech Talk on Thursday, September 17 at 1pm.

Grant awards are currently being made and will be officially announced at a later date.

New Collaboration Opportunities on the Community Website

We are excited to announce there is a new page on the CAE Community site! If you are interested in collaborating on grants and projects with other CAE institutions, please visit <https://www.caecommunity.org/collaboration-opportunities> to view current opportunities. To submit a collaboration opportunity, log in to your Community account and click My Content, Create Content, then Collaboration Opportunity. CAE-CDE, CAE-R, and CAE-CO designated institutions can post collaborative opportunities free of charge (when logged in). If you have questions regarding posting a collaborative opportunity, please contact info@caecommunity.org.



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COLLABORATION OPPORTUNITIES

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NCAEC Part I - Cutting Edge Technologies

University of Colorado, Colorado Springs

Date Posted: May 22, 2020

Posted By: CAE Community

Contact Email: gtejay@uccs.edu

We are putting together a proposal for NCAEC Part I - Cutting Edge Technologies solicitation as a Lead Institution. Please let us know about interests that you receive from institutions interested in participating as potential partners.

Solicitation Number: NCAEC-C-003-2020 1.1.5.1

Reshaping the Community

The CAE in Cybersecurity Community will be undergoing some major structural changes over the next several weeks. The CAE-C Program Office requires a network of designated institutions to support the community, manage events, review and update recommendations for CAE-C Knowledge Units, regionally implement CAE-C program initiatives, and assist and mentor schools wishing to pursue designation, recruitment, training and management of application reviewers.

The new CAE-C Community National Center (CNC) will lead collaboration among the CAE-designated institutions and provide administrative support to the program. CAE-C Community CNC responsibilities include oversight of CAE Regional Hubs (CRHs), administrative support for the Community, travel management, management of CAE-C Communities of Practice (CoP), and input for the CAE-C Knowledge Unit definitions and requirements, among other things.

A CoP will be established based on each of the different CAE designations (CAE-R, CAE-CDE, and CAE-CO), and their responsibilities will include competitions, projects, research, and program management and support.

CRHs in five regions across the country will be responsible for events and trainings, outreach exercises, and collaboration with the Program Office and government partners for their respective areas, each covering several states.



**SEPT
4**

CAE Virtual Career Fair Virtual Event

Time: 9:00am-1:00pm PT

The CAE Virtual Career Fair is an opportunity for students from CAE institutions to network with employers and find part-time, full-time, seasonal, temporary, and permanent employment with a variety of vendors.

For registration and more information, please visit: <https://www.caecommunity.org/news/cae-virtual-career-fair-2020>

National Cybersecurity Awareness Month (NCSAM)

Starting October 1st and ending October 31st, this year's event will focus on personal accountability. Driven through mass public engagement, the 'Do Your Part. #BeCyberSmart' theme will help to encourage personal accountability and proactive behavior in digital privacy, security best practices, common cyber threats and cybersecurity careers.

For more information, please visit: <https://www.cisa.gov/national-cyber-security-awareness-month>

**OCT
1-31**

**NOV
19-20**

CAE in Cybersecurity Symposium Virtual Event

Time: 8:00am-5:00pm PT

Join us for the CAE in Cybersecurity Symposium! The symposium brings together all CAE designated institutions (CAE-R, CAE-CDE, CAE-CO) for a two-day symposium discussing important community issues.

*Stay current on all Community events by checking out the
community calendar at
<https://www.caecommunity.org/content/calendar>.*

The CAE-CD Program Office uses the contact information uploaded into www.iad.gov/nietp to send out routine reminders, solicitations, and event invitations. Please ensure that you have updated your information with the correct contacts from your institution.

CAE-C Program Staff Contacts

- **Lynne Clark**
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NSA/DHS Centers of Academic Excellence Cyber Defense Program Manager
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- **Alice Smitley**
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CAE Grant and Scholarships Program Assistant

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CAE in Cybersecurity
Community in collaboration
with the CAE-C Program
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Contact

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- askcaeiae@nsa.gov
- <https://www.iad.gov/NIETP/>

CAE Community Office

- info@caecommunity.org
- <https://www.caecommunity.org>

To submit ideas, stories, photos, events, feedback, or more, please email us at info@caecommunity.org.