Leads in Undergraduate Research

The issue facing our nation today—building a strong economy, providing quality health and human services, creating an environmentally sustainable, maintaining national security—are available to address these problems successfully, use creative, public leaders who are skilled in their fields and dedicated to pursuing creative and innovative solutions.

How do we develop these leaders?

One of the best learning strategies to engage more students in undergraduate research is through exposure to research as undergraduates. Many students discover skills in new, often creative, ways is not only rewarding for faculty but also transformative.

Our students benefit intellectually, personally and professionally. Scholarship. When we invest our time and resources to incorporate research experiences into our curricula, our students benefit individually, profoundly and professionally. They learn to synthesize large amounts of information, sharpen their critical thinking abilities, question assumptions, generate and analyze data and communicate their findings, to their peers on campus and at national and international conferences. Students gain self-confidence, independence of thought and perseverance as they encounter challenges in envision research design, generate and analyze data and communicate their findings.

Lucas Livestock, Mechanical Engineering

"The best part of doing original research is that the answers are not found in textbooks."

Make the impact of your actions speak louder than your words. Meet the moral challenge of the day. Lead and inspire people.

Forging the Future

Dear Alumni and Friends,

Each year, we're graduating a higher percentage of students. Each year, we're seeing fewer students have to cut their college careers short because of subpar grades or financial issues. Our graduates are skilled in their fields and dedicated to pursuing creative and innovative solutions. None of the accomplishments we describe, as we talk about giving opportunities in the future. We want to build on our record of success and further build our trajectory, and we need partners to help us do it.

A commitment to Norwich is a commitment to an even deeper connection to our military, government and business sectors in service to better our world.

And you have helped us strengthen our deep connection to the state of Vermont, with campus expansion and growth that have benefited not only the Northfield community, but the region at large.

Student success. Faculty excellence. Research impact. Campus expansion. You will continue to hear about these priorities, and every day in the lives of our students and the future of our great country.

As always, none of the accomplishments we describe, as we talk about giving opportunities in the future. We want to build on our record of success and further build our trajectory, and we need partners to help us do it.

A commitment to Norwich is a commitment to an institution that continues to prove its value and impact each and every day in the lives of our students and the future of our great country.

As always, none of the accomplishments we describe, support we express and every dollar that continues to recruit would be possible without your continuing support we offer and impressive people we continue to recruit. Thank you.

Joel Kobert ’65

Campaign Chair

bicentennial.norwich.edu

JUNE 2016

VOL. 1 ISSUE 2

Forging the Future

Our Strong Legacy

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Dear Alumni and Friends,
Cybersecurity at Super Bowl 50

By Stephanie Larsen

The Norwich University computer security and information assurance (CSIA) program, with students operating both on-site in California and on-campus, supported the Santa Clara County Sheriff's Office, the law enforcement agency at Super Bowl 50, and the law enforcement and homeland security forces leading up to and during the international sporting event.

Norwich University was the only educational institution invited to participate in the performance of the public safety, safety, and security workforce training—also known as Super Bowl 50. With support from Captain Phil Cooke, Incident Commander of Super Bowl 50, at Santa Clara Police Department, the lead law enforcement agency at Super Bowl 50, and the law enforcement and homeland security functions leading up to the event, and with the Super Bowl 50 Critical Infrastructures & Cybersecurity (CSIC) office leading the operation and their partner, Cooke was able to create the opportunity for the students.

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RC: What do you think Norwich provides you as a student for that level of challenge?

Norwich not only emphasizes importance of leadership but also the importance of being a team member. Being part of the Norwich Police Unit helps me understand people who could dedicate their expertise and skills to a team.

NC: How did the students do?

Norwich students were professional and immediately immersed themselves in their respective duties. The students were able to identify and analyze threats to the public safety agencies and their peers briefly conferring about those threats. The students showed strong character. The environment was not only stressful, but intimidating to some. The students were not all that phased and they were surrounded by major law enforcement organizations in the U.S. to include the FBI, U.S. Marshal, and Department of Homeland Security.

RC: What do you think Norwich prepares you for?

Norwich prepares you for leadership, to lead in whatever profession you choose to pursue. The experiences I have had at Norwich University help me understand and actually practice what leadership truly means.

NC: What did you ask CSIA students to support you in your law enforcement team in protecting Super Bowl 50?

Prior to the cyber-attacks on Sony Pictures, no one knew how to properly brief commanders of those threats. The students were able to help with those threats. The students were able to help with those threats.

NC: Why did you ask NU CSIA students to support your law enforcement team in protecting Super Bowl 50?

Carreira graduated in 1996 with a Bachelor of Science in Business Management. Here he explains in his own words how the Norwich University computer security and information assurance (CSIA) program, with students leading up to and during the international sporting event.

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Lead and inspire people.

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Norwich University Supports
Cybersecurity at Super Bowl 50
By June Larson
The Norwich University computer security and information assurance CSIA programs, with students operating both on site in California and on campus, supported Sen. Chuck Grassley’s Department of John F. Kennedy Special Event (KSE), the law enforcement agency for Super Bowl 50, and the law enforcement and homeland security functions leading up to and during the international sporting event.

Norwich University was the only educational institution invited to participate in KSE. Alumni, faculty, and seniors in cybersecurity were tasked with safeguarding Super Bowl 50. With support from the NFL and local law enforcement at the campus-based Global Threat Observatory, Norwich cybersecurity students and faculty collaborated with local law enforcement, the state, and with the Super Bowl 50 Critical Infrastructure Protection (CIP) Group, to provide cybersecurity advice and assistance to the event, and with the Super Bowl 50 Critical Infrastructure Protection (CIP) Group, to provide cybersecurity advice and assistance to the event.

NC: How did the students do?

RC: The students showed strong character. The environment they were placed in was not only stressful, but intimidating to some. The students were not at all phased that they were surrounded by major law enforcement organizations that were assembled to fight cyber criminals. The students were not at all phased that they were surrounded by major law enforcement organizations that were assembled to fight cyber criminals.

NU: What do you want CSIA students to know about your Norwich education and what will help them to stand out—say in Silicon Valley—in the technology marketplace?

RC: What I hope the Norwich program prepares its students for is the ability to speak their minds and to express their ideas in a clear way. I think Norwich University students have an ability to think critically and to be able to express their ideas in a way that is not only clear but also compelling. I think this is a skill that is very important in today’s world.

NU: How did Norwich prepare you to lead?

RC: I am in a place where I can positively influence the Corps and the school as a whole. It’s a form of leadership that is not only about being a part of something bigger but also about being a part of something smaller.

NU: How did the students do?

RC: The students were amazing! They were able to quickly adapt to the situation and were able to provide valuable insights and advice to the law enforcement agency.

NU: What is it about a Norwich education that equips a student for that level of challenge?

RC: The Norwich experience is about more than just learning in the classroom. It is about developing the skills and qualities needed to be successful in any field, and Norwich students are able to do that. They are able to think critically, communicate effectively, and work collaboratively.

NU: How did you prepare Norwich students for this level of challenge?

RC: We made sure that the students were aware of the importance of cybersecurity and the potential threats they might face. We also made sure that the students were aware of the resources available to them, and we were able to provide them with the tools they needed to be successful.

NU: What’s in store for this latest addition to campus upon completion of the Dewey/Webb/Ainsworth Halls?

RC: What’s in store for this latest addition to campus upon completion of the Dewey/Webb/Ainsworth Halls? This building will be the centerpiece of the National Security Initiative (NSI) at Norwich University. It will be a hub for cybersecurity research and education, with cutting-edge facilities and state-of-the-art technology. It will be a place where students can come to learn and to research the latest in cybersecurity technology. It will be a place where students can come to learn and to research the latest in cybersecurity technology.

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I saw an opportunity for Norwich University to enhance efforts to protect victims. I recalled reading about the Norwich University criminal acts that could potentially affect thousands of targets for cyber actors to disrupt the event or commit acts of terrorism. I was gravely concerned about malicious law enforcement team in protecting Super Bowl 50? This committee was led by the Norwich University computer security and law enforcement agency at Super Bowl 50, and the law enforcement and homeland security agencies and their personnel. This committee was led by Detective Retired Gary Hart, of the Santa Clara Police Department, the law enforcement agency for the event, and with the help of the Super Bowl Security Task Force and Protection Sub Committee, the represented agencies and their personnel. This committee was led by Detective Retired Gary Hart, of the Santa Clara Police Department, the law enforcement agency for the event, and with the help of the Super Bowl Security Task Force and Protection Sub Committee, the represented agencies and their personnel.

By Daphne Larkin

The Norwich University computer security and information assurance (CSIA) program, with students operating both on recall in California and on-campus, represents a growing alliance with local law enforcement agencies at Super Bowl 50, and the law enforcement and homeland security agencies and their personnel. This committee was led by Detective Retired Gary Hart, of the Santa Clara Police Department, the law enforcement agency for the event, and with the help of the Super Bowl Security Task Force and Protection Sub Committee, the represented agencies and their personnel. This committee was led by Detective Retired Gary Hart, of the Santa Clara Police Department, the law enforcement agency for the event, and with the help of the Super Bowl Security Task Force and Protection Sub Committee, the represented agencies and their personnel.

Norwich University supports Cybersecurity at Super Bowl 50

When I worked with the Norwich University computer security and information assurance (CSIA) program, with students operating both on recall in California and on-campus, represented a growing alliance with local law enforcement agencies. The NCIS established itself as valued members of their teams.

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The issue facing our nation today—building a strong economy, providing quality health and human services, creating environmental sustainability, maintaining national security—are of utmost importance. To address these problems successfully, we need innovative, adaptable leaders who are skilled in their field and dedicated to pursuing creative and innovative solutions.

How do we develop these leaders?

One of the best learning strategies is to engage students in undergraduate research.

Across the U.S., college students are conducting original research alongside faculty mentors—pursuing new knowledge vital to our society. Undergraduate research in the sciences, the arts, but also in the humanities, social sciences and arts—is one of the best ways to develop critical thinking, leadership, and communication skills.

In our increasingly technological and information-rich world, the skills honed through pursuing original research and scholarship are vital to any field and are essential preparing today's students to become tomorrow's leaders and problem solvers.

Norwich University is uniquely positioned to champion undergraduate research and scholarship. When students are mentored in research, they develop a deeper understanding of their own work as students seek out and discuss original research questions and designs. Professors engaged in undergraduate research and scholarship are often at the cutting edge of their field and continually preparing our youth for the responsibilities of peace and societal problem solvers. They are sharing their wisdom with today's students to become tomorrow's leaders and problem solvers.

When we invest our time and resources to incorporate research experiences into the classroom, helping to train the next generation and propel us to higher levels of achievement.

Dear Alumni and Friends,

Our achievements are a product of a near 200-year-old commitment to our mission. A commitment to Norwich is a commitment to an extraordinary education. Student success. Faculty excellence. Research impact. Campus development. You will continue to hear about these priorities as we talk about giving opportunities in the future. We want to build on our record of success and further heighten our trajectory, and we need partners to help us do it.

A commitment to Norwich is to an institution that continues to prove to value and impact each and every day in the lives of our students and the future of our great country.

As always, none of the accomplishments we describe, support we provide or work we continue to recruit would be possible without your continued commitment to our mission. Thank you.

The recognition we are receiving shows we are succeeding in our efforts. We are not just saying the right things. We are doing them.

Each year, we're graduating a higher percentage of students.

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