NORW CHUNIVERSITY CHUNIVERSITY

AMAZON'S JON ALLEN '94 ON SELF-DRIVING CARS

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The Todd Lecture Series Interview P. 20

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June 7 BICENTENNIAL GALA

Intrepid Sea, Air & Space Museum, New York City



Sept. 18-22 Homecoming

Norwich University Vermont campus

Nov. 16 BICENTENNIAL GALA Seaport Hotel, Boston

Oct. 26 BICENTENNIAL GALA

National Museum of the U.S. Army, **Washington**, **D.C.**

SULLIVAN MUSEUM & HISTORY CENTER

"Citizens & Soldiers" Exhibit

A traveling exhibit highlighting NU's accomplishments and contributions over the past two centuries.

Jan. 25, 2020 BICENTENNIAL GALA

CENTER acco over

INFO & R.S.V.P.

For more details or to register, visit **alumni.norwich.edu/Celebrate200.**

JW Marriott, San Francisco



A BICENTENNIAL ALMANAC

Two hundred years in the making, Norwich University's year-long celebration of its historic Bicentennial anniversary is underway. Learn how you can take part during this milestone on campus and close to home.

A LEV







WHITE MOUNTAINS

JANUARY 17, 2019, 3:00 P.M.

debanen Clarke '19 took this celebratory summit photo on Slide Peak, N.H. (elevation: 4,807 feet) during Ice Trek, the annual winter training exercise of Mountain Cold Weather Company. Colin Johnson '19 and Alex Gonzalez '19 led two groups of cadets as they ice-climbed and traversed active avalanche terrain to reach the summit. Temps dipped as low as -15°F, with 40 m.p.h. winds and 100 m.p.h. gusts, during the summit push.

Established in 1948 shortly after WWII by former members of the U.S. Army's 10th Mountain Division, Mountain Cold Weather Company was formed to teach alpine mountaineering and mountain and cold-weather warfare skills. Today, the student-led company is "like a family," Clarke says. It continues to thrive thanks to alumni support.

Among the highlights from this year's Ice Trek: cadets received avalanche and avalanche-rescue training from American Mountain Guide Association-certified instructors on Tuckerman Ravine, a glacial cirque on Mount Washington.

Photograph by Gdebanen Clarke '19

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PATRICE MELIKIAN

Class of 2019 • B.S. in Biochemistry • Chair, Senior Class Gift Committee Hometown: Waltham, Massachusetts

Last summer I was a medical fellow in Thessaloniki, Greece, where I shadowed a pathologist. The opportunity to learn from a doctor diagnosing patients in real time versus reading about it in a textbook is going to make all the difference in my career.

Being able to work in another country broadened how I view the world and its people. Norwich gave me the confidence and independence I needed to work in a new culture.

Your investment in me made this experience possible. Thank you!





Each year, gifts to the Norwich Fund help students like Patrice gain the global perspective needed to be leaders in today's world.

Make your gift today at alumni.norwich.edu/givenow or call (802) 485-2300

THE PRESIDENT'S VIEW

STRENGTH AND FLEXIBILITY

N or wich is a study in contrasts. Our venerable institution is steeped in two centuries of history and tradition and remains grounded in a value system that some outsiders might consider quaint, but that the rest of us know as the timeless and indelible essence of Norwich. Yet since its founding, Norwich has also been an institution unafraid to be the vanguard of change and innovation. I believe these two seemingly disparate characteristics are the reason Norwich University is more relevant than ever as it enters its third century of service to nation.

What I have tried most earnestly to do as president is honor our school's history, traditions, and values, while making sure we remain relevant not only today, but far into the future. As a Coastie, I adhere to the nautical analogy of keeping one's eye on the azimuth in order to stay the course. Because in education, as in sailing, to remain complacent and unmoving in a sea of change leads nowhere fast. And as much as I have accomplished in my 25-plus years as president, there is still more I want to do in the short time I have left.

To that end, I recently added two more "i's" to the five institutional priorities which we, as a university, established in 2001, and which have helped us stay the course for nearly two decades. The original five are: improve learning, inspire students, information technology for all, invest strategically, and internationalize the campus. To these I have added "inclusive leadership" and "interdisciplinary collaboration," areas I feel are paramount if Norwich graduates are to continue to be effective leaders and creative problem solvers in an increasingly interconnected and complex world.

Leadership is quite different now from what it was 50 years ago. Back then, college graduates entered a much more homogeneous workforce, made up primarily of people who looked, acted, and thought like they did. Whether in the public or private sector, the leaders of the future need to be able to lead people from different cultures with different value systems, and who don't necessarily think like they do. What Norwich teaches today's students is that if they are honorable, hold true to their values, and cultivate mutual respect, they will have the foundational skills to lead anyone, anywhere, on any mission, and succeed.

The seventh "i"—interdisciplinary collaboration—is the way of the future. Millennials are entering a world in which virtually everything is done in teams. Once popular cubicle walls are literally coming down so that diverse minds with complementary skills, backgrounds, and experiences can innovate and problem-solve together. Central to the *Norwich After Next* strategic plan, this idea is the driving force behind our many centers of academic excellence, providing platforms whereby faculty can employ high-impact practices throughout disciplines, giving students real-world experience before they actually get out into the "real" world.

"... in education, as in sailing, to remain complacent and unmoving in a sea of change leads nowhere fast."

As my retirement draws closer, my most fervent wish is to leave Norwich in a position of such strength and flexibility that as it follows its azimuth into the decades and



centuries ahead, it remains as relevant and life-changing as it is today.

Richard W. Schneider RADM, USCGR (RET.) PRESIDENT

NEWS FROM

A CAPITOL PERFORMANCE

The NUCC Regimental Band performed a traditional "Farmers Night" concert at the Vermont State House on Feb. 20, capping a fitting end to Norwich University Day in the Capital City of Montpelier. Earlier in the day, Norwich hosted public events in the capitol with Gov. Phil Scott and guests. This being Vermont, the men's and women's ice hockey teams also scrimmaged on an outdoor rink on the State House grounds.

Sullivan Museum Bicentennial Exhibit

"200 Years—200 Objects" Debuts NU's Smithsonian-affiliate museum has staged a thoughtfully curated exhibit of objects from the museum collection and documents and images from the university archives and special collections. Highlights include a display case with pull-out drawers in the spirit of early "cabinets of curiosities," which were meant to intrigue museum visitors and showcase a collection. Now thru December 20.



THE HILL ATHE

ATHELETICS IO ACADEMICS I8





Science is not only increasingly interdisciplinary but intercultural, says dean of the College of Science and Mathematics, Michael McGinnis, PhD.





NEXT REGIMENTAL COMMANDER Ethan Hagstrom '20

has been chosen as the NUCC regimental commander for the 2019–20 academic year.

The communications major from Bedford, N.H., has served on the Honor Committee and Student Government Association Executive Board and helped Legacy March participants raise \$9,000 for a local veterans' home.

He follows in the footsteps of his grandfather, former cadet colonel James Bingham '60.

JUNE CYBER LEADER SUMMIT Cybersecurity, pro-

curement, business, governance, and nonprofit management experts will join Master of Science in Information Security & Assurance Program

faculty at NU's online College of Graduate and Continuing Studies for the third annual 2019 Cyber Security Summit. This year's summit will fo-

cus on critical infrastructure protection and Election 2020 on three tracks: cybersecurity, cyber procurement, and municipal governance management. Key speakers include Matthew Travis, the first deputy director for the Department of Homeland Security's Cybersecurity and Infrastructure Security Agency.



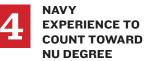
HAMILTON STAR

Broadway stage actor and musician Bryan Terrell Clark, best known for

his star turn as George Washington in *Hamilton*, visited campus in February.

During an address in Mack Hall, Clark spoke about finding purpose in life and shared his own life-changing lessons from Broadway and his work in arts education and philanthropy to empower young people to leave their mark on the world.

The event was sponsored by the NU Office of Diversity, Equity and Inclusion, which works to foster a safe campus culture and climate through leadership, education, advocacy, and prevention.



Norwich and the Navy Expeditionary Combat Command have agreed to maximize credit transfers for U.S. Navy sailors completing Explosive Ordnance Disposal and U.S. Navy Diver training.

The agreement will guide the application, evaluation, and enrollment process for sailors in those communities, who wish to begin NU's online Strategic Studies and Defense Analysis (SSDA) bachelor's degree completion program.

"The greatest goal of this collaboration is to provide a successful education pathway for current and former military personnel," says William Clements, PhD, dean of the College of Graduate and Continuing Studies.



COMMENCEMENT SPEAKER NAMED

Alex Kershaw will give the Bicentennial

Commencement adress to the Class of 2019. An Oxford graduate, the author and historian recently penned *Citizens & Soldiers: The First 200 Years of Norwich University.* (See excerpt on p. 34)

Among his ten other books are the New York Times best-sellers *The Bedford Boys, The Longest Winter,* and *Avenue of Spies,* and biographies of Jack London, Raoul Wallenberg, and Robert Capa.

An honorary colonel in the Virginia Army National Guard, Kershaw said he was drawn to the unique story of Norwich University shaped by its people and many "firsts."

NEWS FROM THE HILL



A Hockey Player With Heart

Cam Beecy '19 is a 2019 Hockey Humanitarian Award finalist.

BY DEREK DUNNING

ursing major, student athlete, and Air Force ROTC scholar Cam Beecy epitomizes NU's "I Will Try" motto.

The senior defensiveman is a twotime New England Hockey Conference All-Academic team honoree. In 2017, he helped the Cadets win the NCAA Division III National Championship, their fourth national title in program history.

Last year, the 3.82 GPA student served as a flight commander responsible for training 16 Air Force ROTC cadets.

Currently, Beecy is one of just five finalists for the prestigious 2019 Hockey Humanitarian Award, which recognizes college hockey's "finest citizen." The annual award honors a sole male or female NCAA Division I, II, or III player for their community service and humanitarian spirit.

This past summer, Beecy organized and hosted an outdoor-circuit workout competition in his hometown of Stowe, Vt., to champion suicide prevention, an event that raised \$8,000 for the American Foundation for Suicide Prevention.

In elementary school ten years ago, Beccy lost his friend and teammate, Kacy Pavlik, to suicide. In his own life, Beccy follows the philosophy of leaving a place better than one finds it.

"Hopefully this event helped one person to gain the confidence to check on a friend or help someone who was contemplating suicide," he says. "If it helped in that way then it was definitely a win."

As for his achievements on campus,

SWITCH SKATER

Cam Beccy planned to play lacrosse at NU but was invited as a freshman to join the men's hockey team.

the senior says that he tries to surround himself with people who make him a better person. "There have been a lot of mentors and peers who have helped me manage everything I've taken on during my time at Norwich."

Men's hockey coach Cam Ellsworth notes Beecy's impressive leadership on and off the ice. "Even when he isn't in the lineup, he is the first guy to work for his teammates," Ellsworth says. "He will take off his suit jacket and sharpen skates or fix equipment without being asked.

"He is genuinely focused on the best way to help our team be successful every day."

Beecy is just the third NU nominee in the award's 24-year history and the first since Shawn Baker '12 was a finalist in 2012. NU's Jason Wilson was also nominated in 2006. This year's Hockey Humanitarian Award winner will be honored on April 12 at the NCAA Men's Division I Frozen Four tournament in Buffalo, N.Y. ■

A Big Check for Tiny Houses

\$200K Grant for New Design Build Collaborative

BY DAPHNE LARKIN

Norwich has received a \$200,000 grant from TD Charitable Foundation, the philanthropic arm of TD Bank, to jumpstart an NU College of Professional Schools initiative focused on producing affordable housing.

Since 2011, students and faculty in the college's architecture, engineering, and business management programs have designed seven affordable and sustainable housing prototypes—ranging from an all-solar house to a series of popular 300- to 400- squarefoot "tiny" houses.

The recently announced six-figure grant will help establish a new Design Build Collaborative to enhance the college's effort to design and build prototypes of regionally informed, resilient housing. The new program will also organize and coordinate related research and programs between the schools that make up the College of Professional Schools: Architecture + Art, Business & Management, David Crawford School of Engineering, and Nursing to produce and site additional affordable homes in the next several years.

"We are so grateful to TD Charitable Foundation for investing in this great effort to address the affordable housing crisis in Vermont," President Richard W. Schneider said. "Through establishing the Design Build Collaborative, we will be able to offer even more hands-on opportunities to students in many diverse disciplines to solve real-world issues." "By understanding the local fabric of our neighborhoods, we address some of the most pressing needs through our community programs on a hyper-local level. We are invested in making a positive, lasting impact," said Phil Daniels, Market President, TD Bank.

School of Architecture + Art Director Cara Armstrong will lead the new program. A Columbia graduate, Armstrong holds degrees in environmental design, philosophy of interdisciplinary studies, architecture, and poetry and brings interconnectivity to the classroom and to her present research on integrating better solutions for community health, accessibility, and adaptability.



Photograph by Mark Collier

Forging the Future Campaign Reaches \$100M!

Nearly a year ahead of schedule, NU's five-year *Forging the Future (FTF)* capital campaign has raised \$100 million, the largest fundraising drive in university history.

Thanks to the generosity and support of alumni, students, staff, faculty, and friends, the *FTF* campaign has grown student scholarships and transformed academic buildings on campus. In August, Mack Hall—the new four-story, \$24 million academic building opened its doors. Current renovations to Dewey Hall are nearing completion.

FTF Campaign Chair Joel Kobert'65 praised the historic achievement. "We are so excited that the Norwich people have stepped up to raise \$100 million."

Student scholarships have received particularly robust support. As a result, the Board of Trustees recently raised the campaign's target to \$110 million. The extra funds will help cover the costs associated with recent FTF campus construction and renovation projects. "We always excel," Kobert says. "We want to go beyond."

Kobert, who serves on the Board of Trustees, says alumni have an opportunity for "payback time" for the experience that Norwich has given them. Borrowing a quote from President Richard W. Schneider, he adds: "We stand on the shoulders of the people who came before us."

—Sonja Jordan '19

NORWICH RECORD | SPRING 2019

NEWS FROM THE HILL

FIVE MINUTES WITH

Sonja Jordan '19

Communications major and cadet from Enterprise, Alabama

STUDENT

The daughter of an Air Force flight nurse and a former Army pilot turned flight instructor, Sonja Jordan is the editor of the Norwich Guidon student newspaper.

Photograph by Sean Markey

Why Norwich?

In high school I took AP classes and JROTC, because I wanted to be challenged. The logical next step was to go somewhere that really pushed me to develop who I was—intellectually and on a character level.

Best Norwich experience?

Going from my freshman year and having that group of people and now ending my academic career at Norwich with the same people I started with. That, and some new friends, who are just as important, really made this entire journey at Norwich worthwhile for me.

Favorite side of Norwich?

The community and camaraderie. There is a certain culture at the school that we foster. We take care of our own here. You can turn to any cadet in school as a cadet and say, "I need help." And they will bend over backwards and try to help you out.

Proudest moment?

My junior year I was cadre. My number one goal was that every rook assigned to me would walk into Plumley to be recognized, which almost never happens. With the help of my staff, everybody who we trained became a cadet. To show somebody that it's worth it to stay here, to have the grit and the determination to put in the extra work and do what's right is the most rewarding thing I have ever witnessed in my 21 years of living.

Favorite class?

Intro to Acting with Prof. Jeffry Casey. It helped my confidence talking in front of people and let me explore creative sides I never got to explore before. I looked forward to it every day.

Favorite mentors?

I have three. The first is Command Sgt. Maj. Geraldo Mercado. He always knows exactly what to say to help get me on the right track with my leadership in a way that really hits home and is useful to me. I also don't think I'd be sitting here doing what I'm doing without the guidance of Prof. Ken Bush and Andrew Nemethy, who have done so much to feed my passion for journalism.

What's next?

Hopefully returning to the Washington, D.C., area to cover the defense department or something along those lines. However, I'm an open book. If it involves writing, I'm interested.

-Sean Markey

Interview condensed and edited for length and style

Norwich Co-Hosts Prague Human Rights Conference

Student scholarship among the highlights of the two-day, interdisciplinary conference

orwich University partnered with Anglo-American University (AAU), the oldest private college in the Czech Republic, to host the inaugural Interdisciplinary Conference on Human Rights March 7–8.

The conference, which commemorated the anniversaries of key events in 20th-century human rights history, particularly those linked to Central Europe, featured interdisciplinary papers and presentations from undergraduates, graduate students, faculty, and experts.

"This conference puts human rights into action by fostering research, providing a forum for discussion, and modeling civil debate," said co-organizer Rowland Brucken, PhD, a professor of history at Norwich.

He said the focus on key 20th century anniversaries served "as markers to remember victims of oppression and to inspire ourselves to safeguard human rights for all today."

Norwich sent 20 students and faculty members to the gathering, where they met with dissidents, historians, and experts. Students participated in a moot court mimicking real trial cases and a truth commission with eyewitnesses and victims of past regimes.

The event concluded with an exhibit of memorials to those who suffered human rights violations during Communism, created by students from both organizing universities.

Brucken noted: "Institutions of higher learning cannot exist in any meaningful sense without the free exchange of ideas between scholars."

NEWS FROM THE HILL





EXPERIENTIAL LEARNING

AN ALL-STAR DEFENSIVE LINEUP

Cybersecurity majors return to Levi's[®] Stadium for their second national football championship

BY SEAN MARKEY PHOTOGRAPHY BY JAY WATSON

n January, as Clemson and Alabama squared off for the College Football Playoff National Championship at Levi's[®] Stadium in Santa Clara, Calif., another top college defensive lineup was hard at work in the Silicon Valley stadium.

But rather than looking to block a lock/sweep post at the next snap, these half-dozen Norwich cybersecurity majors were helping stadium staff and the Santa Clara Police Department monitor network security for the stadium, not to mention its 65,000 smartphone-carrying fans.

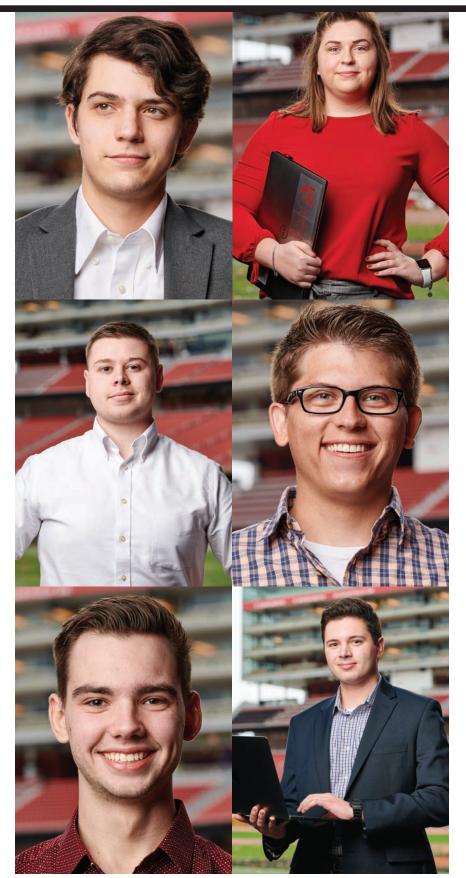
The roster of NU cyber experts included Anthony Alessi '20, Jacob Ratajczak '20, Ryan Jasmann '20, Emma Nettleship '20, Keegan Ferry '19, and Zach Garvey '20, led by NU Chief Information Security Officer George Silowash M'07.

Ferry, a senior commuter student from Barre, Vt., who will work for Honeywell Aerospace as a cybersecurity architect after graduation, says the biggest challenge wasn't the event itself but the weeks leading up to it. "Trying to find [and] de-

CHAMPION CYBERDEFENDERS

Norwich cybersecurity majors at Levi's[®] Stadium. From left: Anthony Alessi '20, Jacob Ratajczak '20, Ryan Jasmann '20, Emma Nettleship '20, Keegan Ferry '19, and Zach Garvey '20.

NEWS FROM THE HILL



velop a solution that we could implement at the stadium."

"Levi's[®] Stadium is one of the most technologically advanced in the world," says teammate Ryan Jasmann, a junior computer security and information assurance major from Herndon, Va. "We had to build from the ground up what we were going to do."

The effort took months. Research included a site visit in early November, when students met with stadium staff during an NFL matchup between the New York Giants and the San Francisco 49ers.

The team exhaustively evaluated an open source cybersecurity software platform (Security Onion) put forward by Silowash. They agreed that it was the right solution. Next, the team added data visualization software and built and configured supporting hardware, from high-speed servers to network data probes.

Jasmann says the opportunity to apply the skills he learned in the classroom to a real-world scenario "at a stadium like Levi's is incredible."

Best of all, the NU team wasn't there to "shadow the professionals" during the event. They *were* the professionals, with stadium officials covering their travel costs.

Intelligence Sergeant Tony Parker of the Santa Clara Police Department has worked large events at Levi's Stadium since it opened in 2014. He says the NU cyber team brought "next level" skills not found in his own department.

The 28-year police veteran adds that the students' professionalism was notable, adding that they were "absolutely amazing" to work with. "They came with the best attitude possible … [and] ... they were extremely competent."

For his part, Jacbo Ratajczak '20, a CSIA major from Holland, N.Y., says one big takeaway from the experience was seeing how cybersecurity opera-



D.I.Y. CYBER SERVER

Just like top athletes, top cybersecurity experts need the right gear. To prepare for the 2019 College Football National Playoff Championship, Norwich cybersecurity majors designed their own custom hardware and software platform. In the mix: a pair of high-powered servers. While high-end models can run as much as \$50,000 apiece, the NU team built their own for the cost of a decent home computer. The trick? Recycled components paired with a few mail-order specialty components. Among the upgrades: Intel Core i7 processors and a high-volume fiber optic networking card. "They started with bare metal servers," says faculty advisor George Silowash.

A GADGET TO LOCATE **DRONE PILOTS**

On a scale of 1 to 10, this gadget scores a 9 on looks alone. The Norwich cybersecurity team equipped this low-powered Raspberry Pi handheld computer with an off-the-shelf antenna, enabling it to sniff the airwaves for nearby Wi-Fi and Bluetooth radio signals associated with drone activity. The secret bit inside: tricky custom Python scripts to identify the unique Media Access Control signatures of drone operator hardware. Students experimented with the gadget during the College Football Playoff National Championship at Levi's Stadium on January 8, walking around the stadium to capture data on area drone activity for later analysis. Carrying a device as sharp as this, who needs a foam "We're #1!" hand?

tions work in a large-scale environment. "I was pleasantly surprised at how dynamic and fast-paced the job was," he says. "There was always something to do."

At the stadium, the NU cyber team took up a side project. Using two low-powered, hand-held computers with antennae, they "sniffed" the airwaves for Wi-Fi and Bluetooth radio signals to detect drone activity. As an experiment, Alessi helped write a Python script designed to identify the Media Access Control addresses of nearby drone operator hardware. The team collected data for later analysis to see if it worked.

NU's appearance at Levi's Stadium marks the second time in three years that the cybersecurity program has collaborated with stadium officials and local law enforcement to monitor network security there. The last time was in 2016, during the NFL matchup between the Carolina Panthers and the Denver Broncos at Super Bowl 50-a connection started by Norwich alum Ray Carreira '96.

"It's a great partnership," Parker, the Santa Clara Police Department sergeant, says. "Not only do we get something from them, but we'd like to think, hopefully, they get something from us as well. You know, coming out here and being able to have this real-life experience."

Jasmann, a junior, who first visited the Norwich campus in high school for an NSA-sponsored GenCyber summer camp, says he was blown away by the number of people it takes to run a national sports championship. "It's incredible to be able to see how much work goes into doing an event that lasts two hours and most of the country only sees on TV."

Silowash, who teaches digital forensics and cybersecurity courses in the online master's program at Norwich, says the student team worked like champions. "My favorite part," he says, "[was] pointing them in a direction and them letting them run with it. They put in some long, tiring days.

"They did a lot of reading, and they learned the software like the back of their hand ... I was very impressed."

ACADEMICS

ALL THE WORLD'S A Stage

Prof. Jeff Casey on Theater at Norwich

BY SEAN MARKEY

Jeffry Casey, PhD, started out writing fiction but soon switched to playwriting. He was far more creative and productive writing scripts, he found, knowing that they were more of a blueprint than a final product. The assistant professor says working in theater was liberating. Unlike novel-writing or painting, it turned the act of artistic creation into a collaborative process. "You can't create theater without a team."

Since joining the faculty in 2017, Casey has taught classes on theater, public speaking, gender and media studies, and creative writing. In the fall, the Texas native oversaw a Pegasus Players production of Cabaret, the first student production in Mack Hall's new stateof-the-art theater. The choice of the play, a 50-year-old musical set in 1930s Berlin during the rise of Nazism, resonated on two levels, Casey says. Its themes are relevant in the current political climate. It also pays homage to a previous production of the musical 20 years ago by the Pegasus Players, the oldest student group on campus.

Casey also brought *Cry Havoc!* to campus. The one-person play by Stephan Wolfert, an actor and former U.S. Army infantry officer and medic, uses Shakespeare to explore the impact of war on veterans then and now. "The performance is in many ways, [about] his discovery of Shakespeare and theater as a way to cope with and work through his own experiences as a trauma survivor during his time as a soldier."

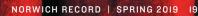
Casey himself grew up in rural West Texas and earned his PhD from the University of Wisconsin Madison. The director and playwright says theater plays an important role at a senior military college like Norwich, one that he "can probably talk all day about." The openness and community offered by the theater program can be a welcome respite to students under pressure, especially for rooks.

In the year that it took to build Mack Hall following the demolition of Dole Auditorium, Casey staged theater productions in borrowed spaces. The new theater in Mack Hall "changes in many fundamental ways the student experience to be on a proper stage." As for the Pegasus Players, they take incredible pride in their new home, Casey says. If gum is left under the seats, "they're so angry," he says. "It really does belong to them."

CURTAIN CALL

Assistant Professor of Theater Jeffry Casey in costume and on stage in the auditorium of the newly built \$24 million Mack Hall.

Photograph by Sean Markey





WHY IS PAUL BREMER SO WORRIED?

The former ambassador and presidential envoy to Iraq discusses Syria, ISIS, and American foreign policy with College of Liberal Arts Dean Edward Kohn.

INTERVIEW BY EDWARD KOHN, PHD PHOTOGRAPHS BY MARK COLLIER

> THE DIPLOMAT Paul Bremer in Norwich's Mack Hall hours before delivering a Todd Lecture on America's global responsibilities.

ost people know Paul Bremer as the presidential envoy appointed by George W. Bush in 2003 to lead the reconstruction of Iraq after U.S.-led coalition forces invaded the country and toppled dictator Saddam Hussein. Even today, the images of Bremer touring wreckage in a suit and combat boots still linger. Less well known, perhaps, is the diplomat's long career as a foreign service officer, which began in Afghanistan in the 1960s and included posts in Africa, Europe, and Washington, where he served Henry Kissinger at the State Department and later in the private sector. In 1999, Bremer chaired the National Commission on Terrorism. His office was located at the World Trade Center when the 9/11 attacks occurred. Bremer later served on a National Academy of Sciences committee on science, technology, and counter-terrorism.

In February, the statesman sat down with College of Liberal Arts Dean Edward Kohn, PhD—himself a distinguished historian, author, and presidential scholar—to share his perspective and insight on some of the world's most pressing security issues.

KOHN: President Trump recently suspended participation in the INF Treaty with Russia. He has been or is in the process of pulling out of the Iran nuclear deal, the Paris Agreement on climate, the Trans-Pacific Partnership, the UN Human Rights Council, and UNESCO. He's threatened to pull out of NATO and the WTO. What is going on?

BREMER: Well, I'm concerned about the general effect of all of these things. Some of them I agree with. I agree with pulling out of the INF Treaty. I was involved in the efforts to get Pershing missiles into Europe 30 years ago. The Russians are clearly violating [the treaty]. If an arms control agreement is being disobeyed by one party and this was first decided by the Obama administration [not] something Mr. Trump did on his own—then I think it's time to pull out. So I agree with that. I agree with pulling out of the Paris Climate [Agreement], because I don't think it effectively was going to do much except cost us a lot of money. On the other hand, there is a pattern here in the first two years of this administration that is concerning.

When the leading force for a liberal world order—liberal in the European sense of the word, and that has been the United States for the last 70 years—starts to run on its own and become an America-first policy, it has potentially very unsettling and dangerous implications for the world. So, I am concerned. Even though I agree with several of the points that the president has made. I think we're in a very dangerous situation. any case, the troops are there for American interests. We're not there for just South Korean interests. Just as our troops have been in Europe for 70 years. Not because we're helping the Germans or the French. Our troops are there to protect American national interests.

So what you get with a transactional approach to foreign policy, a series of one-off deals, is a foreign policy that is not rooted in any strategy. This is a very unsettling thing to me as a student of American foreign policy. I think it's the wrong approach. Obviously, the Europeans, as the president had said, should be paying more for our troops that are in Europe. Fair enough. This is not new. I spent years in Europe trying to per-

"I'm always a bit uneasy about troop withdrawals, unless they're carefully planned. I mean, it's taught in any military academy and I'm sure here—retreat is the most difficult military maneuver there is."

I've been struck by the transactional language that the president uses. "We need a good relationship with Saudi Arabia because of oil prices. Because they buy so much from us." Canceling joint military operations with South Korea was framed the same way: "We'll save a lot of money." As a historian, I think back to the 1920s and concerns about reparations and the Dawes Plan. In a transactional fiduciary framework for looking at foreign policy, it's all seemingly about the economics. Is this an adequate framework to look at Americas' global interests?

No, it's not. A transactional-based foreign policy eventually becomes isolationist when you have a series of oneoffs. Are the Koreans going to pay 50% more for the troops or—as they now offer—only 20% more for the troops? In suade Europeans to spend more to support us. He's right about that. But it's not purely economic. Our forces are not there to serve only the host countries. They're there because American interests are there.

Moving to ISIS and Syria, is it time for the United States to withdraw from Syria? And is it right to be telegraphing our plans to withdraw?

I'm always a bit uneasy about troop withdrawals, unless they're carefully planned. I mean it's taught in any military academy, and I'm sure here—retreat is the most difficult military maneuver there is.

In this case of Syria, I think starting with the Obama administration and continued with Trump, there's been a lot of confusion about our policy. Obama made the mistake of drawing a red line



"I think it's unfair to the women of Afghanistan to allow the Taliban to come back, let alone encourage them to come back." in the sand about the use of chemical weapons and then did nothing. No president should ever bluff publicly. You can do some bluffing across the table in a negotiation. But you don't bluff publicly if you're the president.

So, our policy's been on again, off again, why were we in Syria and so forth. Certainly, the fundamental threat to American interests continues to be ISIS, and that is in Syria. And the repatriation of potential ISIS back to the United States to conduct attacks here, there's a legitimate American interest in making that less likely. I don't think it's wise to telegraph the withdrawal and certainly not wise to, as the president did, announce it without the support of his foreign policy cabinet, if you will.

So what's left to do is to finish the job with ISIS in its pockets. I could make an argument that then we should still have troops there in order to support our Kurdish allies in Syria, and in order to provide at least some kind of a balance to the overwhelming Russian and Iranian influence that will be left if we entirely leave.

Right now, we are in Afghanistan negotiating directly with the Taliban. Part of the criteria was that the Afghanistan government is not at the table. What does this do to the credibility of the Afghani government? Is there an alternative?

Well, what we're seeing in Afghanistan in terms of the negotiations is exactly what happened in Vietnam. We're effectively negotiating behind the back of the, until now, legitimate allied government. I can understand why President Ghani is not very happy about this thing.

I think it's a mistake to pull out of Afghanistan at this time. Again, I think this was announced without due consideration of the consequences. Because even if they can pull together some kind of a deal and even if you can swallow that we'll basically betraying our ally in Kabul, the legitimate government, it's a very big risk to have the Taliban take over again and tell us, "Well, don't worry about it. We won't let Al-Qaeda get a base here again." Well, why do we believe that or ISIS? ISIS is effectively—I call it Al-Qaeda, Version 4. I think it's a mistake. If we follow through with that, sooner or later, we will again find ourselves subject to threats, if not attacks, from very bad people based in Afghanistan.

Another entire side of it is the Taliban has no reputation for respecting human rights or women's rights, which have advanced under the current government in Afghanistan. I served in Afghanistan a long time ago. I think it's unfair to the women of Afghanistan to allow the Taliban to come back, let alone encourage them to come back.

In Iraq, I think we still have about 5,000 American troops there. Is that too many? Too little? Why is the United States in Iraq 15 years after "Mission Accomplished?"

Well, we're there for a very good reason, which is to help train the Iraqi counterterrorist forces, which are the most organized and well trained of the Iraqi forces. They alone can counter-balance the Iranian Popular Mobilization Units, the PMUs, which total, I think, now 150,000, who are in theory under central command but in fact are at least close to the Iranians, let's say in terms of their actual command structure.

So I think it's very important that those 5,000 Americans stay there. And stay there not primarily as the president said, "To keep an eye on Iran," which offends the Iraqis. It pushes them towards the Iranians. It has the exact opposite effect, as the president of Iraq said yesterday. So I think they should stay there, and they should stay there to help the Iraqis also finish the job against ISIS. There are still ISIS pockets, particularly out in the west in Anbar Province, bordering on Syria. And they need to be dealt with.

Would you support more troops to finish this job?

If the Secretary of Defense and the Joint Chief said we need more troops, of course I would support it. But I don't know whether they do or not.

Let's close with a Norwich question: With challenges facing America and the world, what role do you see for a unique institution, a senior military college like Norwich University, and its students, a couple of whom you met at breakfast this morning?

Well, I have great admiration for what Norwich has done over the last 200 years, teaching the importance of service and leadership. And I was struck reading about the university, how broadly Norwich graduates have engaged at the municipal level, the state level, the federal level, in service and leadership roles.

I think by giving young Americans a perspective on service and leadership, in the sciences, including military sciences, but also in the liberal arts and history, and of America and other places, this creates a corps of people who can go out and serve their country in many different ways, at many different levels. It's a wonderful institution.

Interview condensed and edited for length and clarity.

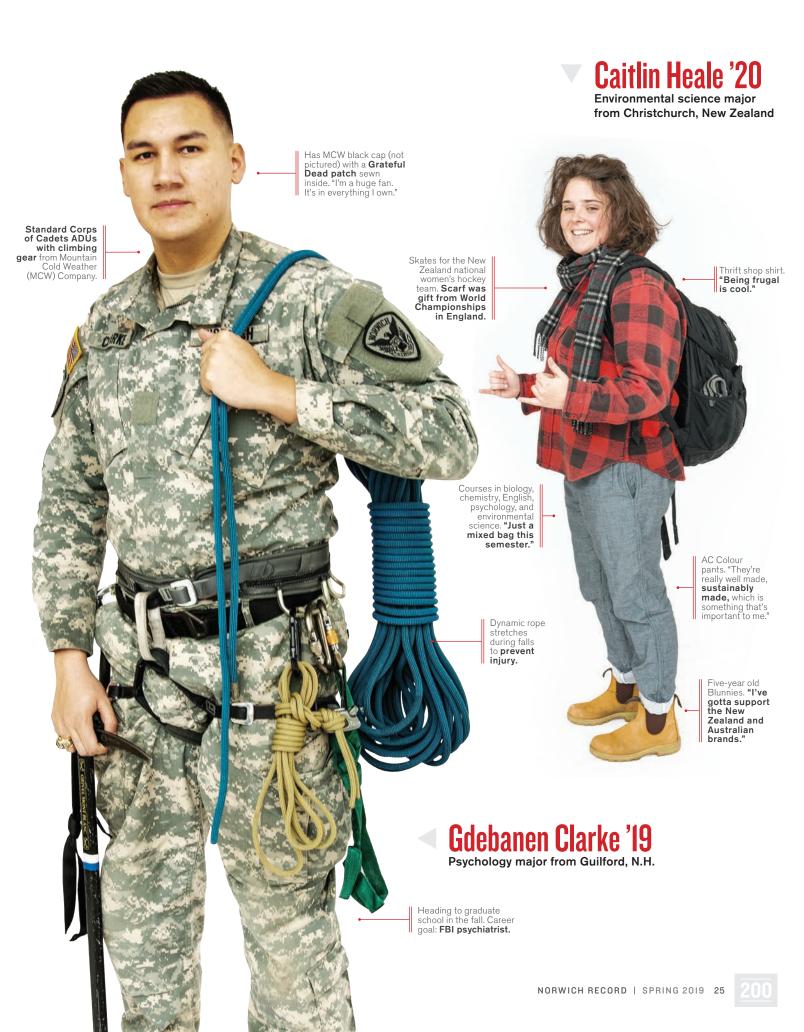
THE HISTORIAN College of Liberal Arts Dean Edward Kohn, PhD.

WHAT I WEAR TO



Norwich students and instructors share the inside details on the uniforms and glad rags they wear around campus.

BY SEAN MARKEY | PHOTOGRAPHS BY MARK COLLIER



Dylan O'Brien '20

Political science major from Weymouth, Mass.

Navy ROTC, Marine Corps Option

John Robinson '19 🕨

Navy ROTC Midshipman

Political science major from Lithia, Fla.

"We have one of the more basic uniforms. [Nothing] too fancy. It's simple, it's effective."

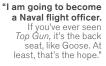
> "There's not a lot of us ... [so] if you see someone else wearing our uniform, you give [them] a friendly hello. **You get that right back."**

First-gen Apple Watch: "My calendar fills up fast, so it constantly gives me reminders. I've had it since high school."

Traveling to Prague for international human rights class and conference this spring.

A 25-year active duty Army veteran, Beebe served in Special Forces in Iraq, Afghanistan, Syria, and beyond.

Teaching four sections of Platoon Operations Small Unit Tactics this semester. His broader goal: Turn cadets "not only into effective leaders but also ethical officers in our military."



 "I wear civilian clothes." But there's no confusion. "The cadets know who I am, and they know my background."

Wears a Fitbit. "I'm shooting for at least 15,000 steps."

Heading to **Naval Flight School** in Pensacola, Fla., after graduation.



U.S. Army Special Forces (Ret.) Civilian Instructor, Army ROTC Department



Nursing major from Vancouver, Wash.

"This is the [Navy Working Uniform], Type I. They're actually moving to the Type III, which is lovingly referred to by some as the guacamole. It's sort of green and brown."

Just finished a **three-hour Obstetrics class on labor and delivery.** Has a weekly, eight-hour OB/GYN clinical rotation at Porter Hospital.

Young was **inspired to pursue nursing** in high school after she was hospitalized her junior and senior year.

> "We wear scrubs and white tennis shoes to every clinical setting or lab section that isn't a class."

Wears the cadet uniform of Macedonia's Military Academy General Mihailo Apostolski.

"It's greener than your uniform, because Macedonia is a country with a lot of mountains and woods."

Taking English, public speaking, and leadership psychology, among other classes. **"I can** find myself in them."

> Fossil watch. "I like watches. I bought this in Sweden this summer. My sister lives there. There's not much of a choice in Macedonia."

Hristina Nikolova '21

Military academy exchange student from Skopje, Macedonia

|200



Last year, studied in Seville, Spain. Now an International Center liaison for the Corps of Cadets.



U.S. Navy Intelligence Specialist, 2nd Class

NU Legacy pin (left pocket) presented by her dad George '89 on Parents and Family Weekend freshman year.

Navy Working Uniform III with green camouflage digicam pattern.

Heading to Military Science class on Marine Corps weapons systems.

> Unit will deploy to the Middle East in 2020. "That's why I get to wear tan boots."

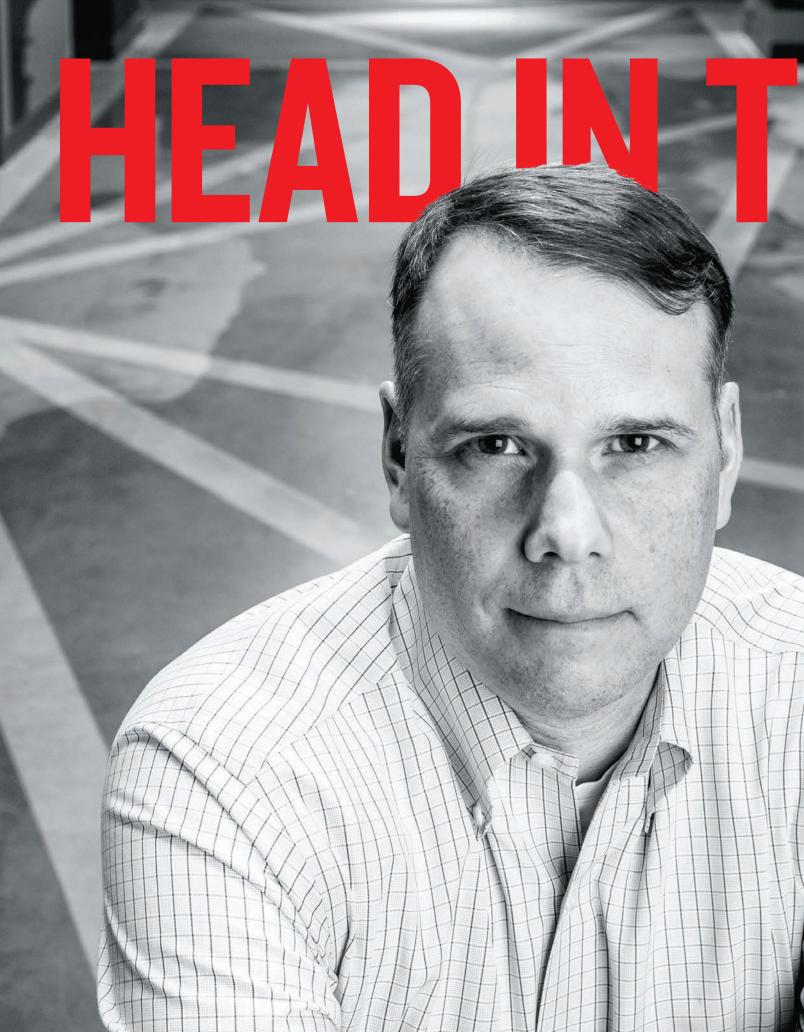
Trying out for NUCC Regimental Band. "I play a lot of music. I like the way it makes me feel. I'm very passionate about it."

> Corps Super Winter Bs uniform. "This is the first day that we've worn this since last semester."

Earned varsity letter playing 7s rugby as a freshman. Before: "I was a ballet dancer for 15 years."

Alexandra Parent '20

International studies and Spanish double major from Fredericksburg, Va. Navy ROTC Midshipman 6





Amazon's Jon Allen '94 on self-driving cars, cloud computing, the automotive future, and why he loves his job: "It's the pace of innovation."

INTERVIEW BY SEAN MARKEY PHOTOGRAPHS BY KEN GEIGER

ast year, NU Board of Fellows Chair Jon Allen joined Amazon Web Services (AWS) to lead its global automotive practice. Working from a satellite Amazon campus in northern Virginia but more often hop-

ping time zones, Allen and his team help global automakers leverage the power of AWS using data science, machine learning, artificial intelli-

He's flown 150,000 real miles on Delta in the past year.

gence, and high-process computing to innovate and think big. "It's about taking what seems like an impossible task and making it into a reality."

Allen's path to the cutting edge of computer-driven innovation in industry is all the more remarkable given where he started.

The Massachusetts native was technically deaf until the age of four, when surgery on his drainage canals first restored his hearing. In school, Allen struggled with dyslexia, a learning disability that wasn't caught until his freshman year at Norwich. A political science major, MP, and regimental XO, In the Army, Allen served as a White House social aide.

he commissioned into the **Army** after graduation and earned his Ranger tab and, later, a

master's degree in national security studies from Georgetown following his Army service. It was ten years ago, while working at Booz Allen, that Allen dove into the automotive field, when GM asked for his help on a **cybersecurity**

issue. The congenital problem solver says he had doubts—clearly unfounded—that was he was the right person for the job. "I had to run out and buy *Car & Driver* magazine."

Allen helped found the Automotive-ISAC, a cybersecurity information sharing and analysis center for the auto industry.

What do you do at Amazon Web Services?

I help the big automakers and suppliers innovate on the cloud. It's a lot of machine learning, a lot of data science. The numbers are like seven million miles have to be driven for a car to learn to drive autonomously. That just takes forever to do. You can't get there. So how do you? Simulation. Customers need us to come in and say, "Here's the infrastructure, now go." They need people like us who understand cloud and technologies to at least get them going on their cloud journey.

How did you land at Amazon?

They called **me**. –

What's the culture like at Amazon?

Amazon has a set of leadership principles we use every

"Over the past few years, a number of former ... consultants have joined AWS [as full-time staff], and I was connected through that network."

day, whether we're discussing ideas for new projects or deciding on the best approach to solving a problem. It is just one of the things that makes Amazon peculiar. Every conversation rotates back to our leadership principles. One of the most important for my team is, Invent and Simplify. The other is, Learn and Be Curious. I have people on my staff who

"I've got a bunch of Raspberry Pis, IoT buttons, and machinelearning cameras sitting right in front of me right now." were the directors of connected cars for major automotive makers. They decided to join my team, because they can roll their sleeves up and actually

build something. Everybody's a **builder.**

What I really love is that whatever you dream up and build, you also have to carry that thing through to production. It doesn't get handed off to somebody else. In 2017 alone, AWS released over 1,400 new services. A large percentage of what we build are services customers have asked for. We didn't just create them in a bubble, and then say, "Here's a box. Use this." To say that Amazon is customer obsessed is an absolute understatement. The whole Jeff Bezos model of being customer obsessed is across the organization's DNA.

What do you find most interesting about the work?

It's the pace of innovation. Also, I love being able to solve the really, really hard problems. Going in to each one of these automotive makers, you're trying to solve what seems like an impossible task. My team and I go in there and help them innovate and think big. How do you really think big? We're not coming in just with a technology solution. Like, you know, upload this software. It's more about taking what seems like an impossible task and making into a reality.

The other part I really love: We have a concept here called "two-pizza" teams. We look at the size of the project. If I can't feed the team with two pizzas, it's too big. I might have two or three pizza teams on one project. But each team is responsible for just a portion of it to keep it agile. An agile organization means it's quick. You sprint for a couple weeks, with the goal of showing value very quickly. It's not the old days, where you have this two-year-long slog that can't chart to development and you never get there.

How is the auto industry changing today?

The automotive industry right now is going through a major transformation. Everything from connected cars to autonomous vehicles, electric vehicles, even to the dealer experience. And then on the other end is manufacturing—how cars are made. Old manufacturing techniques, you know, are no longer going to be the future.

In the past, automakers would have the car at the center of the ecosystem. Now, they're putting the customer in the center of the ecosystem: You're an extension of your car now. So even when you're not with your car, you're still with your car. It's said that cars are only driven 10 percent of the time. Well, I'm using my car right now. It's just in the parking garage. It's still pulling data down. It still knows where I am right now. It's still doing algorithms around my driver preferences, where I go, where I shop, you name it. So the car has become just like your mobile device.

When you look at the near future, what do you see?

Well, the quote I always steal from GM CEO Mary Barra is, "There is going to be more change in the next five to 10 years than we've witnessed in the last 50." Automotive makers are no longer calling themselves just auto makers. They call themselves mobility companies. Look at the relationship that GM has with Lyft, or VW has with Smart Car, all these

The elderly and rural residents "who were missing as an economy" will be especially helped in the future, Allen says. amazing investments. Even the [electric] scooters that you see, they're partially owned by VW and Uber. The ecosystem isn't just cars anymore. **It's mobility.**

And that's going to lead into the future of autonomous driving. There are different levels of autonomous driving. Level 5 is like full up, you're in the backseat watching *Harry Potter*, while the car's driving for itself. We're 10, 15 years away from even seeing **that**. But we're going to see it with fleets. That's number one.

Number two is how automotive makers interact with their customers. A lot of times,

Allen adds that future autonomous vehicles will slash the number of fatalities from car accidents, which presently top 44,000 a year.

your experience with an auto maker was when you bought the car and when you sold the car. Then the obnoxious mailers that you got every couple of months in the mail, "Come in and buy a car." But now, because automakers are pushing connected services to you as a customer, the model is completely changing. With the introduction of 5G [wireless service] it's going to completely change. It's going to blow it all up at that point. And then, in order to do that, you need Cloud. Because it's about connectivity.

It's interesting with electric vehicles. It's kind of a buzz between Elon Musk and GM's recent announcement that they're going to focus more on AV, autonomous vehicles, than EV, electric vehicles. I think this is an interesting space, and we're going to see some really cool technologies around the future of the battery. How quickly batteries charge and the life of batteries and the whole technology piece around enabling electric vehicles. Right now, the infrastructure isn't there. We don't have enough charging stations in America to really go to scale on this thing.

What's your hardest problem?

Scale. I've had one ... two ... three ... four ... five customer calls today. *Today*. There're just not enough hours in the day. Given the innovation, the speed at which things are moving so quickly, being able to scale and address all the customer needs is critically important.

Does cybersecurity concern you?

The good news is that the auto industry got ahead of this **thing**. Cyber-

"The industry has invested and elevated the risks to a board level." security is not a market differentiator for automotive makers. You're either secure now and you can do it,

or you're not secure and you're not going to be making cars.

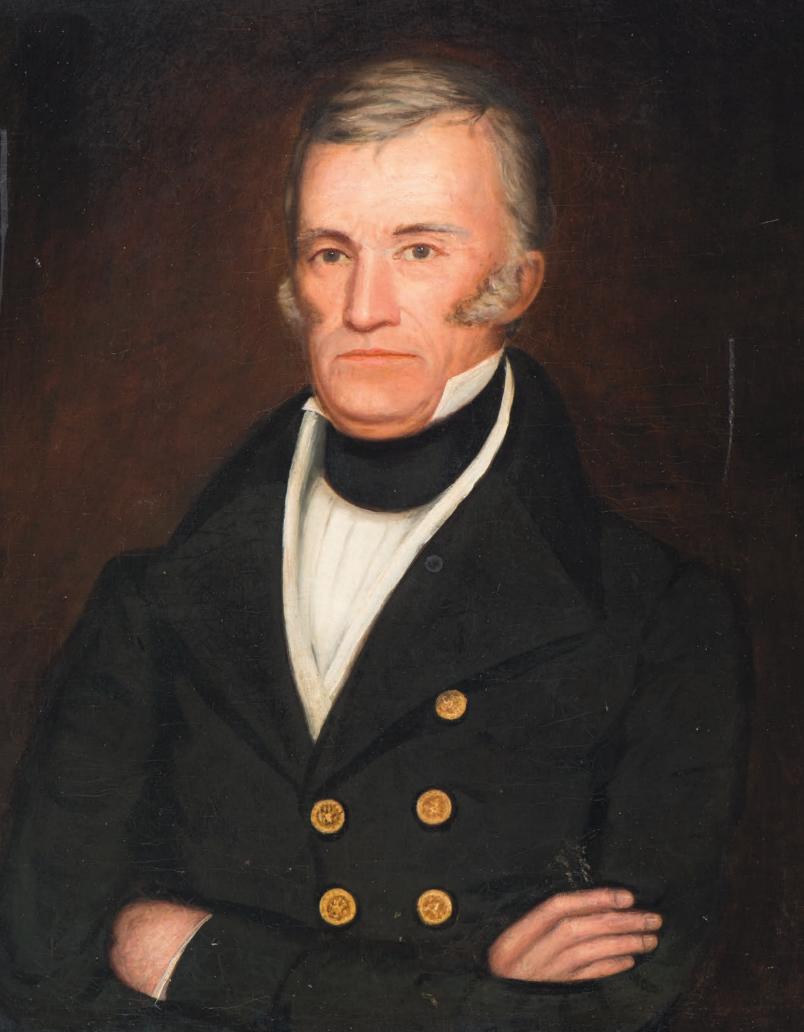
What car do you drive?

I never say. In the auto industry, you never do. Because you'll just [upset] 17 other makers.

Photographer Ken Geiger is a Pulitzer Prize-winning photojournalist based in Washington, D.C. Writer Sean Markey is the *Record's* editor in chief.

Interview condensed and edited for length, clarity, and style.





A REVOLUTION IN AMERICAN EDUCATION

The early history of Norwich University and its boundary-breaking founder

BY ALEX KERSHAW

Editor's note: Former NU President Maj. Gen. Ernest Harmon said that to think of Norwich is to think of its founder, Captain Alden Partridge (1785–1854). In celebration of NU's Bicentennial, the following is an abridged excerpt from Citizens & Soldiers: The First 200 Years of Norwich History by bestselling author and historian Alex Kershaw.

t began with a mutiny, by a man who held such iron convictions that he turned his back on his government and began his own revolution, one that would profoundly impact American education. In 1817 America's fifth president, James Monroe, sent a new man to become superintendent at West Point, the nation's first military academy. Capt. Sylvanus Thayer, 32 years old, who was ordered to take charge of the institution, arrived in July and walked onto the Plain at West Point. He was met by Capt. Alden Partridge, Thayer's superior in the Corps of Engineers.

"You are reporting to me, Brevet Major Thayer?" asked Partridge.

Thayer simply handed Partridge a letter that read, "On receipt of this you will deliver to Maj. Sylvanus Thayer, U.S. Engineers, the command of the Post of West Point and the superintendence of the Military Academy."

Beloved by his cadets and having

devoted himself utterly to West Point during its infancy, Partridge was far from pleased. He stormed off and left West Point the following day. Six weeks later, on August 29, Partridge returned and was met by several cadets who were delighted to see him. Soon others were throwing their hats in the air and cheering. He went to find Thayer and asked whether he could return to his quarters. Thayer refused, and Partridge asked again the following day, this time handing Thayer a message: "Orders: Captain Partridge having returned to West Point in conformity with the provision of the Law establishing the Military Academy, taking it upon himself for the present, the Command and Superintendence of the Institution as Senior Officer of Engineers present."

Believing the cadets would not support him, Thayer left West Point. However, Partridge's coup lasted only 48 hours. Thayer returned with the aidede-camp to the inspector of the Academy, who placed Partridge under arrest. The charges were serious and included mutiny. If convicted, Partridge could be stripped of his rank and imprisoned. Who was this extraordinary visionary and rebel?

Alden Partridge was born on a farm in Norwich in Vermont. then a sovereign republic, on January 12, 1785, and came from good Yankee stock. His father was Samuel Wright Partridge, a gentleman farmer "thoroughly imbued with the martial spirit of the early days of the Republic" who had fought during the Revolution as part of the forces that defeated Burgoyne at Saratoga in 1777. A studious and active child who loved to read and hike in the Green Mountains, Partridge entered Dartmouth in 1802 at age 16. John Hubbard, the professor of mathematics and natural philosophy at Dartmouth, soon spotted his potential, believing Partridge had a "good moral character" and was "well qualified for instructing a school." An-



other professor wrote, "He is well reputed for genius and moral character." In the words of one contemporary who knew him well in his youth, he was "never known to utter a vulgar or profane word ... or to use tobacco in any form. Such he was through life, and a most constant attendant upon Sabbath services."

In 1805, three years after the academy had been established, Thomas Jefferson appointed Partridge to West Point as a cadet, the first West Point cadet to be commissioned as a first lieutenant, one of only two cadets to ever be so honored. Notably, he graduated from West Point in 1806, alongside the son of the famous Ethan Allen, who had led the legendary "Green Mountain Boys" of Vermont during the American Revolution. Partridge then taught engineering and mathematics at West Point.

Following the 1812 war against the British, which exposed serious deficiencies in the U.S. military, Partridge was determined to expand West Point's curriculum to include more of the humanities and to modernize the institution so it could properly prepare young men for leadership on the battlefield. In 1815, at age 29, Captain Partridge became superintendent of West Point. He did his best to raise standards, introducing many of the daily rituals that persist to this day.

Partridge left an indelible impression on West Pointers, and his views on what military education should entail were as bold as his appearance. He believed that large standing armies maintained in peacetime posed a threat to the American republic. To avoid this, he pushed the idea that America should educate citizen-soldiers, a vision far different from that of President Monroe's administration, which wanted to "shape West Point on the French model, as a school exclusively for career officers." Partridge insisted that West Point should instead "train both militia and regular army officers." He also disagreed with those who believed West Point should become a "national science university." These differences lay behind the extraordinary events of July 1817 and Partridge's arrest.

On November 11, 1817, Partridge was found guilty of mutiny. "The court sentences the prisoner, Captain Alden Partridge of the Corps of Engineers, to be cashiered." But the court also recommended that "in consideration of the zeal and perseverance which the prisoner seems uniformly to have displayed in the discharge of his duties ... begleave to recommend him to the clemency of the president of the United States in the hope that the punishment above awarded may be remitted."

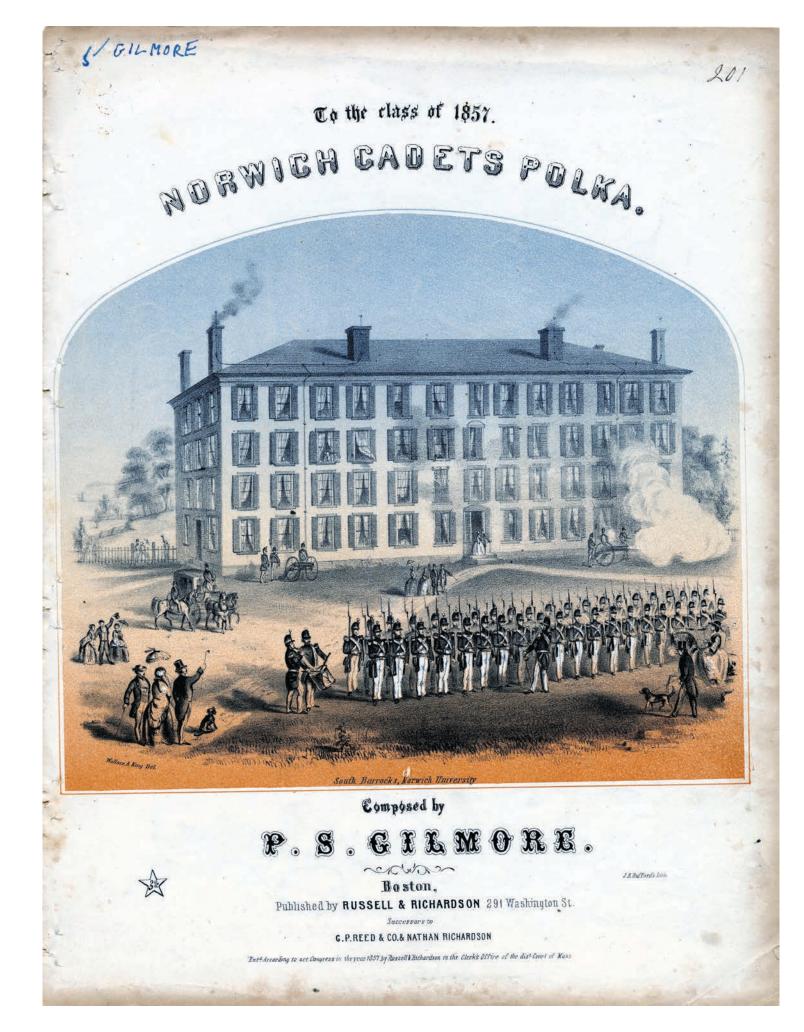
President Monroe allowed Partridge to resign rather than suffer further disgrace. It didn't take long for the flinty revolutionary to dramatically snub those he believed had betrayed him. On October 20, 1819, Partridge informed his former superior, Gen. Swift, inspector of West Point Academy, that he planned to set up a "Literary, Scientific and Military Academy" that would quickly better West Point as the main supplier of the United States' officer class. It would outshine West Point because it would not be run by men who were, he railed, "ignorant of the first requirements both of military and every other science."

Partridge found support for his proposed academy in the place he knew best and where he and his family had extensive connections: Norwich, Vermont. According to one account, when Partridge presented his plans for a new academy to the local public, "the citizens of Norwich offered the site and subscribed money to build a commodious barracks." Norwich also suited Partridge because it was remote and rural, a better place than a city or large town to enact his "plan of discipline." Besides, the "opportunity of practical engineering field work among the hills of Vermont could not be excelled elsewhere."

The cornerstone of what would become known as the Old South Barracks was laid on August 6, 1819. The founding of Partridge's "American Literary, Scientific and Military Academy" was a bold enterprise, especially courageous given the economic climate. Financial panic had swept the 11 free and 11 slave states that constituted the United States. The Panic of 1819—described by one astute historian as "a traumatic awakening to the capitalist reality of boom-and-bust" was no time to begin a revolution in American education.

Norwich's first students, who included veterans from the War of 1812, began their studies on September 4, 1820. The first student listed on the roster was 22-year-old Thomas W. Freelon, a lieutenant of the Navy, from New York City. The majority of his peers ranged from ages 13 to 16, and many also were from Norwich. Partridge's





recipe for producing healthy citizen-soldiers was simple and effective: combine eight hours of study with eight hours of sleep, add three hearty meals, three hours of lectures, and finish off with two hours of exercise or military drill, the latter being perhaps the most vital ingredient, given that one of Partridge's favorite mottos was "A Sound Mind in a Sound Body." Reveille in the summer was at sunrise, breakfast at 6 a.m., and cadets had to be in their rooms by 8 p.m.

Partridge's new college formed a marching band, one of the earliest in the United States, and offered one of the first courses in civil engineering. There was no specified time allotted to completing studies; students were encouraged to proceed as quickly as they wanted. Some received their diploma after just one year, while others took up to six. Within a few years the academy's halls were "filled with the scions of the most prominent families of the country," who wore dark blue "coatees" with long tails, high collars, and three rows of pewter buttons. Many hailed from Southern states, particularly South Carolina, and so it was that the "sturdy sons of New England" rubbed elbows with the "budding chivalry of the South." Before the Civil War, students also arrived from as far away as the West Indies and South America, marking the beginning of a long history of welcoming those from abroad.

Although he had never served under fire, Partridge wanted to produce nothingless than "an accomplished soldier, a scientific and practical agriculturist ... an intelligent merchant, a political economist, legislator and statesman." From the start, the United States' first private military school aimed to create not just warriors on the battlefield but also successful civilians who had benefited from the rigors of military discipline. A citizen militia was required, in Partridge's words, to be "an impregnable bunker around the Constitution and liberties of the country." Education should enable young Americans to "discharge, in the best possible manner, the duties they owe to themselves, to their fellow-men, and to their country." Partridge was, however, no idealist who



hoped for man's better angels to forge a peaceful future; he was a realist who stressed that the United States, less than 50 years old upon Norwich's founding, would always need civilian soldiers because mankind "is doomed to suffer the evils of war and bloodshed, and that consequently that state which intends to maintain its independence, free from encroachments of avarice and ambition, must be prepared to repel force by force."

Above all, youths required discipline and structure if they were to learn to be dutiful servants of the country or, indeed, if they were to achieve anything substantial as citizens. Order, strict routine, and vigorous exercise were critical to molding successful young Americans.

Physical and mental fitness were co-dependent. According to one account: "Everything in the internal regulations of the academy is calculated to establish the cadet in habits of regularity and order, to inure him to the hardships of active life, and to give him a practical knowledge of the several sciences to which his attention is called. In these things consists its principal superiority over the other literary institutions of our country, in which students acquire but little practical information, contract habits of bodily inactivity, and lose their health, and destroy their usefulness."

Partridge believed that exploration, contact with the world beyond the college gates, was critical—hence his enthusiasm for "pedestrian excursions." As early as 1821 he pioneered experiential learning in the United States by leading a party from Norwich to the White Mountains of New Hampshire

CONTINUES ON PAGE 51





It's the Fishing, Not the Fish

The Order of Ancient Fishermen and a 55-year friendship

BY LINDSAY CAHILL LORD M '17 PHOTOGRAPHY BY MARK COLLIER

I n late October the Dog River in Northfield is low and chilly. Wading through its waters, stopping periodically to greet Norwich students cutting from the rugby pitch to campus, Yank Shugg '67 is teaching me to roll cast.

Shugg is a founding member of the Order of Ancient Fishermen along with his classmate and ever-lasting fishing buddy Barry Meinerth '67. Better known by their wry acronym, the "OAFs," the looseknit group of Norwich friends and associated pals periodically travels North America to fly-fish for cutthroat trout, arctic char, and Atlantic salmon. Rarely do they visit the same locale twice.

The OAFs founded their club 30 years ago at the Ancient Mariner bar and restaurant in Richfield, Conn. "We thought it was hilarious," Meinerth recalls. "We were 40 years old, and we're naming ourselves the Order of *Ancient* Fisherman."

Roommates at Norwich, Shugg and Meinerth lost touch after graduation. But by chance, they both moved to Ridgefield after military service and reconnected. There, Shugg taught Meinerth to fly-fish. It marked the start of more than three decades of fishing-minded travels around North America, often accompanied by Norwich "family" members Ed Tracy, Duane Martin '67, John Manchester '64, Bob Plumb, and John Riggs '67.

"It's not the fish, it's the fishing," Shugg says, paraphrasing Arnold Gingrich's timeless insight from *The Well-Tempered Angler*. It's a phrase Shugg will repeat several times during our afternoon on the Dog River. And again, later, when we visit the OAFs Clubhouse on the Mettowee River, both conveniently accessible from Meinerth's alpaca farm in Pawlet, Vt.

It's not the fish. It's the fishing. Shugg sees parallels in the Norwich experience. It's the getting there that matters as much or more than the outcome, something that Norwich teaches its students every day. Rooks



spend months squaring corners to instill the lesson that they can't cut them later in life. Norwich students earn a degree, but it's perhaps the experience and challenge of doing so together that changes them the most, creating a shared experience and bond with fellow alumni.

And that seems to apply as well to OAF fishing trips, albeit on a gentler scale. It's the experience of fishing together, the time spent playing cards, telling stories, riding on horseback into the mountains to find pristine fishing spots, Shugg says. And of course, the friends along the way. "There's nobody I enjoy fishing with more than Barry," he says.

Misadventure or mischief are not unknown on OAF excursions.

While fishing the Miramichi River in New Brunswick, Canada, Shugg dropped his fly rod into the fast-moving water. Guides assured him that it might be salvageable—in

"OAFs" WANTED Yank Shugg '68 (top left) and Barry Meinerth '68 would like to see alumni fishing events in the future. late August, when the river level dropped. Writing it off as a lost cause, Shugg returned to camp. But the following afternoon, Meinerth tangled his own hook onto the fly of Shugg's sunken rod, purely by accident, and reeled it in. "It [was] amazing," Shugg says, laughing at the memory. "And I've been paying for it ever since."

Back on the Dog River, I try my luck at the roll cast Shugg is so patiently trying to teach me. It takes a deft touch, the right sweep of the arm and flick of the wrist. It's hard to master. So instead I watch Yank. He floats his line with a sinuous, almost magical grace over the river. The fly lights on its surface, where the river's ripples and sun meet like two old friends.

Honor



"My success at Norwich was not my own. There were people who helped me both financially and otherwise, and I have always wanted to find a meaningful way to thank them. By endowing scholarships in their name with a gift from my estate, I not only help Norwich, but I honor them for the difference they made in my life."

– Bill Steele '59



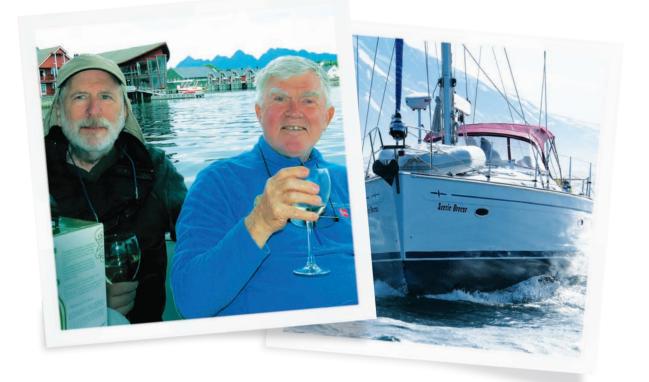
Bill Steele, "The Magnificent Class of 1959," made a bequest to Norwich which will endow three scholarships, named after people who made a tremendous impact on his life. These scholarships will influence Norwich students for years to come.



www.norwichgiftplans.org

The gift of education is one of greatest gifts you can give someone. It honors our past, and prepares younger generations for a lifetime of success. To learn more about ways you can have an impact on Norwich students, please contact Megann O'Malley, Associate Director of Planned Giving, at (802) 485-2282 or momalley@norwich.edu

ROOK BUDDIES



Jay Kenlan '66 & Dave McCoy '66

Two friends stay in touch sailing the globe

BY JAY KENLAN

SAILORS AT EASE

Case Western Reserve Ohio medical school professor Dave McCoy and Rutland, Vt., lawyer Jay Kenlan in Norway

Photographs by Kim Singleton David and I became friends as freshmen biology students. He was one of my closest friends throughout my time at Norwich, along with Roger Bloomfield '66, Paul Jones '66, David Edstrom '66, and Bill Bell '66. When we left Norwich after graduation, we went in different directions and temporarily lost touch with each other. We met a few years later at a Norwich reunion, and it was as if we had never been apart. David is smart, witty, acerbic, and delightful. Sailing together has brought out the best in our friendship. It is hard to describe to people who are not sailors what it is like to spend long hours in the cockpit of a small boat going slowly to your destination in some far-off venue and having no distractions other than the demands of the boat and storytelling among close friends. Seeing Bora Bora appear out of the Pacific, watching icebergs calve off glaciers in the fjords of Alaska, finding the cut in the cliff that leads to the achingly beautiful harbor of Bonifacio, Corsica, picking up a mooring in Alderny in the Channel Islands after a 90-mile thrash across the English Channel, seeing Isle au Haut appear out of the fog in Penobscot Bay. Life doesn't get any better than that. ■

THE VALOR OF Capt. George Wanat '69

The Vietnam experience of one of NU's most distinguished warriors

By JAMES F. TAYLOR '68

hen I knew him at Norwich, George Wanat '69 was a senior buck private with no outward love of the military. His mild manner masked a mischievous nature. I remember when he was expelled from summer school for sailing an oversized water balloon from the top floor of Alumni Hall into a car window. Yet, George is also probably the most decorated undergraduate Norwich alumnus and only Prisoner of War since World War II. If there ever was a cadet that was underestimated, it was George.

George began his Norwich career with the class of 1968. Despite graduating a year later, he spent the vast majority of his time with our cohort and even appears in our '68 edition of the *War Whoop*. Many of us claim him as a friend and a brother. He was not a member of the Honor Tank Platoon, Skull and Swords, the Corps Honor Committee, or AUSA. George was just another face in the crowd, as were many of us.

I had not seen George for 48 years. But several years ago, on Veterans Day weekend in 2016, I found myself in Danvers, Mass. So I contacted George, and we got together for lunch in nearby Peabody. We had enjoyed telephone conversations over the past several years. In 2006, I learned about George's Vietnam experience while reading The Battle of An Loc by James H. Willbanks. (The author is currently director of military history at C&GS at Fort Leavenworth.) I remember that our during our fifth Norwich reunion in 1973, someone mentioned that something had happened to George in RVN. But no one knew exactly what.

Reading this book, I was amazed at what George had endured and how admirably he executed his duty. His actions prompted me to plead with Norwich's administration and alumni hierarchy to recognize this brave officer. After seven years of correspondence, we dedicated the "Wall of Honor" at our 45th reunion in 2013, recognizing recipients of the Distinguished Service Cross (directly below the Medal of Honor) and Silver Star. Gen. Gordon Sullivan and President Schneider were most helpful in this effort. Norwich has been very active in supporting this effort and the resulting display is impressive and most appropriate for our rich military traditions.

George was commissioned an Armor officer and volunteered to be a Mobile Advisory Team leader as an infantry officer and later as Assistant District Senior Advisor to Vietnamese local forces. Loc Ninh district is roughly two miles south of the Cambodian border and 10 miles north of the city of An Loc in Binh Long province, northwest of Saigon (now Ho Chi Minh city). I was in a similar position in Cu Chi district, fortunately about 50 miles south of Loc Ninh. In 2006 when I read of George's exploits, a kindred interest was ignited.

In April 1972, the Easter Offensive commenced when a VC infantry division supported by NVA tanks, artillery, and rockets came across the Cambodian border with Loc Ninh as its target in the offensive. This resulted in three days and two nights of constant combat. George was in command of the northern portion of Loc Ninh and the district compound. On the southern end of town and the airstrip, an Army Captain named Mark Smith (on his fifth tour in RVN with radio call sign "Zippo") was in command.

Combat was non-stop incoming with frontal assaults breaching the wire and enemy tanks finally roaming the streets of Loc Ninh. George exposed himself repeatedly over the three days by directing air strikes, gunships, and helicopter gunship support from bunker rooftops while under fire. At one point an AC-130 Spectre gunship came on station at night to provide support with its miniguns and 105mm howitzer tube. The Spectre gunner radioed George and said the opposing forces were so close together in the engagement that they could not distinguish friend from foe. He asked if there was a vehicle nearby that would run. George replied that his jeep was about 50 meters away but all four tires were burning. Would it start? A Vietnamese soldier with George volunteered to crawl the distance and start the engine. The Spectre gunner replied that he could see the four spark plugs firing via his Black Crow system. He then basically cleared the enemy from the battlefield and provided a brief period of calm.

George was awarded the Distinguished Service Cross for his actions in this battle.

Yet, it was just the beginning of George's story. When their position became untenable on the third day, George, his counterpart the district chief, and 30 Vietnamese sought to escape to the south overland in hopes of linking with friendly forces or making it to An Loc to the south. The area was swarming with patrols of two more Viet Cong and NVA divisions that were

massing for an attack on An Loc, a subsequent battle that would last for three months. On the second day of their escape and evasion, the Vietnamese left George as they went into a hamlet to see if the residents were friendly. They did not return, and George was left on his own without a weapon, radio, or provisions of any kind. He was scantily clad due to shrapnel wounds; one large wound in particular on his right leg.

On the third day his sandals fell apart, and for the next 28 days he was in an escape and evasion mode barefoot, walking over tree roots as sharp as knives and constantly being assaulted by fire ants and other indigenous irritations. Enemy patrols were a constant hazard, and he successfully evaded. Food and water came from the land or from Buddhist monks, villagers, and Montagnards that he found to be sympathetic, although not all were. On the 31st day he was sitting under a bush eating a green banana when his eyes locked simultaneously with those of an NVA patrol member. He was captured after an amazingly successful 31-day escape and evasion.

George was taken to a small POW camp in the jungle near Kratie, Cambodia, where he joined six other captives. Zippo and others from Loc Ninh were among the prisoners, and on arrival Zippo's only comment was "what took you so long." George was chained in a 4'x4'x6' bamboo cage, not large enough to stand up in. George suffered from seriously infected shrapnel wounds, malaria, and beriberi. His uninvited guests in the cage included poisonous snakes, spiders, scorpions, and fire ants. Meals were three bowls of rice per day with a couple of scraps of pork fat, hardly enough protein to sustain life.

On February 10, 1973, George and his fellow prisoners were dressed in new clothes and trucked to Loc Ninh, where they were joined by 20 other prisoners from small camps in Cambodia. Repatriation took place the following day. On the night they were awaiting release, the other prisoners were allowed to mingle freely. Only George and Zippo were chained to a tree. The NVA obviously feared these warriors.

George Wanat's Distinguished Service Cross citation:

"Captain George K. Wanat, Jr. Armor, distinguished himself by conspicuous gallantry and intrepidity at the repeated risk of his life from 5 to 8 April 1972 while serving as Acting District Senior Advisor, Loc Ninh, Republic of Vietnam. On the morning of 5 April 1972, the 5th Viet Cong Division launched a massive ground attack against Loc Ninh. The attack was supported by artillery and tanks. Captain Wanat skillfully directed tactical airstrikes and helicopter gunships in support of Loc Ninh District Forces. During the battle Captain Wanat fought magnificently. Time and again he exposed himself to enemy direct fire on top of his own position to drive off the attacking enemy. Recognizing that command and control was faltering, Captain Wanat repeatedly endangered himself to withering enemy fire while moving from bunker to bunker to rally and command friendly forces. The combination of Captain Wanat's personal example and professional skill coupled with available firepower kept the numerically superior enemy at bay for more than two days. Despite the valiant efforts of the defenders, the City of Loc Ninh was completely overrun by the enemy on 7 April 1972, but Captain Wanat, through his courageous actions, extracted a horrendous price from the enemy for their tactical accomplishment. Captain Wanat's conspicuous gallantry in action was in keeping with the highest traditions of the United States Army and reflects great credit upon him and the United States Army."

James F. Taylor '68 lives in Gun Barrel City, Texas. He reports that today George lives quietly in Massachusetts, where he enjoys woodworking and metal working projects in his workshop at his home, and takes special delight in his children and grandchildren.

CLASS NOTES

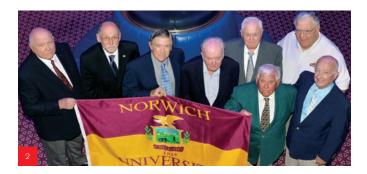
1951

Col. **Pete Cuthbert** (USA, Ret.) was married in Westhampton Beach, N.Y., in September to Jean VanHoesen. Jean was a former high school student of his. Lt. Col. **Zach Whaley** '53 (USA, Ret.), the brother of Pete's late wife, Nancy, served as best man. Among the guests were NU classmate Col. **Conrad Whitney** (USA, Ret.).

Speaking of whom, in October, **Conrad** was named to the New York State Senate 2018 Veterans' Hall of Fame. He was presented with the award by NYS Sen. Ken Lavalle in a ceremony held at VFW Post #5350. Conrad retired after 32 years of service. During that time, he spent two years on active duty and saw combat during the Korean War. He also spent 13 years in the New York Army National Guard commanding armor, transportation, (Amphib. DUKW), and infantry (Special Forces) units; and 17 years in the USAR as a mobilization designee in DSCOPS at the Pentagon.

1956

Bill Lafayette took advantage of a day of lousy weather in Pittsburgh to write and ask if anyone has contact information for Dick Schmidt. "We both worked for Bethlehem Steel on a bridge job across the Narragansett Bay at Newport, R.I. Elaine and I have very fond memories of our three years in Newport. One of the foremost is of Dick being at the Newport Hospital when our son was born in January of 1969. I was home feeding breakfast to our two daughters when Dick called with the news. I told him to get his butt over to the house, so I could get to the hospital. Bethlehem closed our division, and I lost track of Dick except that he worked for an engineering firm just outside Bethlehem for a period thereafter. I'd love to contact Dick and wonder if someone could facilitate that task."





Norwich friends gathered in Englewood, Fla., to celebrate the 85th birthday of Jack Abare '57. Front Row (left to right): Gerry Gingras '57, Charlie Brox '57, Jack Abare '57, Ray Humphrey '57, Jack McDermott '60. Back Row: David Abare '87, Paul Bova '88.

1960

Bob Francis, John Paris. Jack McDermott, Jack Daly, Tom Quartuccio, Tony Caprio, Roger Winslow, and Jerry Runyon and their wives took their tenth class trip in style, onboard a Holland America cruise ship. "Went to the Southern Caribbean for ten days. What a great way to have more time with classmates!" Photo 2.

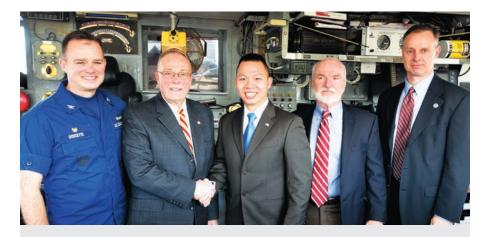


Left to right: Class of 1969 friends John Mulhern, Brendan Garvin, Tom Smelstor, Phil Boncore, Ed Hackman, Ethan Allen, and John S. Hall.

1969

John Mulhern wrote to say a few members of the Class of 1969 met at Legal Sea Foods in Braintree, Mass., on November 7 to discuss plans for their 50th Reunion in September. *Photo 3.*

Class of 1960 friends cruise the Caribbean. Left to right: Bob Francis, John Paris, Jack McDermott, Jack Daly, Tom Quartuccio, Tony Caprio, Roger Winslow, and Jerry Runyon.



A New U.S. Coast Guard Ensign

In December, U.S. Coast Guard ensign **Phung Pham** '16 took his Oath of Commission at Coast Guard Base Boston joined by Norwich supporters, all of them current or former USCG officers. Pictured above (left to right): Capt. **Eric Doucette** '92, RADM **Richard W. Schneider** (USCGR, Ret.), Phung Pham, **Richard Hayden** '68, and Capt. **Matt McCann** '94 (Ret.). President Schneider rearranged his schedule in order to attend the ceremony. He later emailed Pham to thank him for such a wonderful day. "I was so honored to be with you," the president wrote. "I know you will make a great Coast Guard officer!"

A computer security and information assurance major, Pham joined NU's Class of 2016 and the Corps of Cadets just two years after arriving in the U.S. from Vietnam. As a rook, he participated in the inaugural Coaching for Leadership program, where he met NU alum and future mentor Richard Hayden '68. The former trustee advised Pham to focus on his academics, improve his English, seek out Corps leadership opportunities, and become a U.S. citizen. Pham realized all of those goals. "Phung is an example of the best that Norwich can produce," Hayden wrote at the time. "He will be a great alum and, I expect, an even greater American."

1970

Dr. Arthur W. Miller recently retired from the University of Montana after 33 years of service. Dr. Miller was a professor and former chair of the Health and Human Performance Department. He spent 40 years in public and higher education, including positions in Crozet, Va., at Idaho State University, and at the University of North Carolina Wilmington. Walt Gunning reports that some friends from the Class of 1970 gathered in Myrtle Beach, S.C., for three days of golf, recollections, and fellowship. The duffers, 70 years old and counting, were getting ready for their big 50th Reunion at Norwich. *Photo 4.*

1974

Husband and wife **Mario Lupone** and **Margaret Walker Lupone** met up with classmate **Gary Smith** in Utah's Valley of Fire during a trip last September. *Photo 5.*



Class of 1970 friends: Top row (left to right): Bob Bohman, Roger Coviello, Jay Evans, Fred Morsheimer, Frank Marino, Jack Hackett, Phil Burkhardt, Jack Rosado, Jim Francke. Bottom row: Jay Degnan, George Kabel, Rob Neilson, Jim Croall, Bill Grove, Walt Gunning. Not pictured: Steve Egan.



Mario Lupone '74, Margaret Walker Lupone '74, and Gary Smith '74



1977

Tom Roohan, principal broker and president of Roohan Realty in Saratoga Springs, N.Y., was named Realtor of the Year by the Greater Capital Region Association of Realtors.

CONNECT



Bill Lyons '90 (third from left) and Chuck Pappalardo '87 (far right) Brad C

Brad Curtis '91

1990

In October, **Bill Lyons** and **Chuck Pappalardo** '87 welcomed former Massachusetts Governor Michael Dukakis to speak at an Urban Land Institute meeting at Vertex Headquarters in Boston's Seaport District. *Photo 7.*

1991

Brad Curtis was one of 249 law enforcement officers to graduate from the FBI National Academy in Quantico, Va., in December, The 274th Session of the National Academy drew men and women from all 50 states. Included in the class were members of law enforcement agencies from the District of Columbia, 23 international countries, five military organizations, and seven federal civilian organizations. Internationally known for its academic excellence, the National Academy Program, held at the FBI Academy, offers 11 weeks of advanced communication, leadership, and fitness training for selected officers having proven records as professionals with their agencies. On average, these officers have

21 years of law enforcement experience. Brad is looking forward to using his newly acquired skills upon his return to his job as a division chief with the United States Border Patrol in Swanton, Vt. *Photo 8*.

1992

In November, Michael Shoen, was promoted to colonel in the Army National Guard by Col. Timothy H. Donovan '62 at the U.S. Customs and Border Protection Advanced Training Center in Harper's Ferry, W. Va. Also in attendance was Tom Benckert '91. In his civilian capacity, Mike serves as a supervisory Border Patrol agent. He is also the assistant chief of staff/ adjutant for the 46th Military Police Command, Michigan Army National Guard. By way of history, it was Col. Donovan who also commissioned Mike as a second lieutenant in the Vermont Army National Guard during Parents Weekend in October 1991.

1994

Anthony "Tony" Johnson, the chairman of the Board of Fellows for Norwich University's College of Liberal Arts, was honored by the Diversity in National Security Network and New America as a next-generation leader. Tony is a research associate at the Institute for Defense Analyses in the Joint Advanced Warfighting Division. *Photo 9.*

2002

Leave it to dad to share the good news! David Milkovich wrote from Akron, Ohio, to say that his son Nicholas Milkovich was recently promoted to Lt. Col. in a ceremony held at U.S. Army Pacific Headquarters, Fort Shafter, Hawaii. In attendance were Nicholas's mother Linda Bendetta. father David, brother Stephen, nephew Max, military personnel, and a number of NU classmates. Nicholas deployed three times to Afghanistan, and once to Iraq, the Philippines, and the UAE. Nicholas, his wife, and three girls are scheduled to remain in Hawaii for two years. Photo 10.



Above: Anthony "Tony" Johnson '94, Left: Nicholas Milkovich '02

2007

Carl Armato shared news that he recently published *A Future With Hope*, a book he wrote about his journey with type 1 diabetes and how it shaped him into the leader he is today. Carl is the president and CEO of Novant Health, one of the largest healthcare systems in the southeast. He earned his MBA from NU's College of Graduate and Continuing Studies.

2010

Attorney Kelly Allenspach Del Dotto was named a 2018 "Rising Star" by Managing Intellectual Property magazine. Del Dotto is an associate in the Delaware office of Fish & Richardson, where she focuses her practice on complex patent litigation with an emphasis on life sciences, biotechnology, and pharmaceutical litigation, including Hatch-Waxman litigation. She graduated summa cum laude from NU with degrees in English and biology and received her J.D. from Pennsylvania State University, Dickinson School of Law in 2013.

CONNECT



Lauren Zwicker '10 and Ryan Wood '10

Lauren Zwicker and Ryan

Wood wrote to say that a friendship that began with a conversation on the 5th floor of Patterson Hall 12 years ago, has now grown into the relationship of their dreams. The couple was married on July 14, 2018 at Bishop Farm in Lisbon, N.H. *Photo 11*.

2012

Long Ding shared news that she is now teaching middle school mathematics at The Pennington School in Pennington, N.J.

2015

Elena Fernandez M'15 serves on the Northern New Mexico Citizens' Advisory Board to the Department of Energy (DOE) on environmental management issues pertaining to legacy waste at Los Alamos National Laboratory and related issues affecting its waste isolation pilot plant. The board provides citizen input to the DOE on issues of environmental monitoring, remediation, waste management, and long-term environmental stewardship at Los Alamos. Among their responsibilities,



Left to right: Stephanie Gendron M'17, Col. Jeffrey Ogden '84 (Ret.), 1st Lt. Patrick Ogden '15, Megan Ryan-Ogden ATC Staff '13-'15, 1st Lt. Zachary Harrington '15, Timothy Burrow '16, 1st Lt. Jacob Branco'15.



Victoria '15 and Matthew Carr '15

Fernandez and her board colleagues provide advice and recommendations on DOE environmental management programs regarding environmental restoration, waste management, monitoring and surveillance, outreach, future land use and long-term environmental stewardship, and associated environmental issues.

U.S. Army 1st Lt. **Patrick Ogden** and **Megan Ryan**-**Ogden** '13, 'M15 were married in Plattsburgh, N.Y., on October 6, 2018. As their photo shows, a large Norwich contingent joined them. *Photo 12.*

Shannon Heck wrote to say that she and Ryan Perez were engaged in October in Washington State while Ryan was stationed at Fort Lewis. On Christmas Eve 2017, Ryan



Shannon Heck '15 and Ryan Perez '15

returned from a nine-month deployment with a HIMARs unit in Q-West in Iraq, where he was awarded the Bronze Star. "His mom is rightfully very proud of him," Shannon says. "She will be so excited to read about him in the *Record*." Ryan has been attending the captain's course at Fort Sill. Shannon is an architectural designer at USA Architects in Somerville, N.J. "We are planning a wedding in our hometown of Hopewell, N.J., for May 25, 2019. We also recently rescued a coonhound mix named Sawyer." *Photo 13.*

Victoria Carr (née Holbert) shared news and a photo from her recent wedding to Matthew Carr. Both are U.S. Marine Corps officers stationed at Camp Lejune, N.C. The couple met as rooks and were engaged the summer following graduation. Victoria will return to Norwich in June for CGCS Residency Week and the capstone of her online MBA program at NU. "After my first year in the Marine Corps I sought out higher education, and out of every school I applied to Norwich was the most persistent and welcoming." Victoria tells President Schneider that she and Matthew are still considering whether to send their "first born" to NU.

2018

2nd Lt. Jaeyeong Kim shared news that he helped bring two Norwich ROTC exchange students from Korea University, Jewon Kim and Jinsu Kim, to a special event in New York City for KU alumni. A Norwich alum serving in the U.S. Army National Guard, Jaeyeong was an exchange student at KU. He writes that since graduation, he has



Jaeyeong Kim '18, Jewon Kim, Jinsu Kim, and Korea University President Yeom Jaeho.

stayed involved with the KU's alumni association "so that I can be a bridge between Norwich and KU ROTC exchange students." Thanks to help from NU's International Center, he was able to invite Jewon and Jinsu to "KU Night" in New York during their studies at Norwich last fall. *Photo 14*.

CONNECT

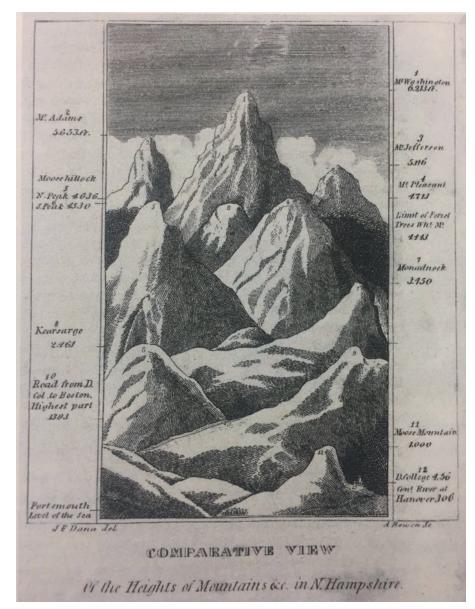
CONTINUED FROM PAGE 39

to climb Mount Washington, described by Partridge as "the most elevated eminence in the United States." In a report on a trek across New Hampshire in June of 1822, it was noted that many of the plucky young cadets, "with their equipage for a burden ... scarce advanced to the age of 14 years," struggled to keep up with their elders in the Corps as they trudged through extreme heat up one mountain after another.

Partridge often set an extraordinary pace, as on one four-day excursion that covered the 150 miles from Norwich to Manchester, Vermont. He adored "hard reading and climbing mountains" and thought nothing of hiking 40 miles a day as he led groups of up to 80 students to the windswept summits of the highest peaks in Vermont and New Hampshire. These were not so much forced marches but superb field studies, during which "Old Pewt" would teach the basics of surveying, taking barometrical readings at various summits to measure elevation.

The adventures through New England also offered opportunities for Partridge to demonstrate military strategy in the field, re-enacting key maneuvers from great battles. By all accounts he had no peer when it came to bringing the past to life. "He showed complete mastery of the tactics, maneuvers, and situation of the great battles," recalled Luther Marsh, NU 1829. "In one, he gave us a minute description of the Battle of Waterloo, and, taking exceptions to some remarks in Scott's Life of Napoleon, then recently out, he said, 'Neither Sir Walter Scott nor any other man can stop the march of truth.""

Partridge was a Democrat and served as Vermont's surveyor general from 1822 to 1823, explaining in part the zeal with which he led these excursions. But the canny surveyor had ulte-



rior motives—the treks were also excellent opportunities to advertise his business. Villagers gathered to watch the processions and, impressed by the smart uniforms and discipline of Partridge's cadets, would consider sending their own sons to the Academy.

At times, trips across the Connecticut River involved displaying Norwich cadets' military prowess before Dartmouth College men—many of whom hated this perceived invasion. One cadet recalled that the Dartmouth men "seem to be affected by our regulation dress somewhat as a mad bull is said to be by a red flag." Partridge appeared to delight in provoking the Dartmouth men, one day marching 150 of his boys "in full uniform and with fixed bayonets and fife and drum corps" around the campus, perhaps expecting there would be trouble. But there was none, perhaps because of the bayonets.

In its first five years Partridge's institution flourished. Some 500 students had attended, making the often arduous journey to Vermont from around the nation. Norwich had proved to be an excellent home to the Academy, but the restless Partridge decided he should move closer to water to better address the needs of the Navy by teaching navigation and other nautical subjects. According to future president Gen. Ernest Harmon, when the community of Middletown in Connecticut offered Partridge buildings and land some 20 miles from the ocean, he "did what Yale had already done-just relocated." Parents from as far away as South America, reading the academy's prospectus, could see how tight a rein the founder still kept on their offspring. There were rules and regulations for every aspect of a cadet's life. The 1825 prospectus stressed that "no candidate can be admitted a member of the institution, who is under nine years of age, who is not of a good moral character, and who cannot read and spell correctly, and write a fair, legible hand."

Even so, the move to Connecticut proved ill-fated. Not for the first time, Partridge's vigor and vision were met with resentment. Connecticut's spiteful refusal to grant him a charter caused Partridge to close his academy overlooking the Connecticut River on June 1, 1829. He reopened two years later, in 1831, back in Norwich, once again close to the Connecticut River but more than 150 miles north of Middletown.

Returning to Vermont was fortuitous. Three years later, in November 1834, Vermont's legislature granted the academy a charter. Its name changed from the American Literary, Scientific and Military Academy to Norwich University, which could now confer degrees rather than diplomas. The college's twenty-five trustees were "to provide for a constant course of instruction in military science and civil engineering." Notably, they were forbidden from "establishing any regulations of a sectarian character, either in religion or in politics."

n January 17, 1854, the University's founding father died in Norwich at age 69. Partridge's widow, Ann, with whom he'd had two sons, would survive him by 48 years, living to the age of 92. Partridge left a remarkable legacy. He had written forceful letters to legislators and editors in the 1830s, urging the creation of the Virginia Military Institute, and had instilled traditions at West Point that last to this day, including its famed gray uniform. According to biographer Gary Lord, Norwich had served "as a model for almost a score of private military academies and colleges founded by Partridge, or his students, at scattered locations throughout the United States before his death." They included academies in Delaware, Virginia, Pennsylvania, New Hampshire, and several other states.

Partridge's most enduring legacy would have failed if not for the faculty and President Bourns, who stabilized the college's finances and calmed relations with the locals while maintaining the same educational approach as Partridge. In the words of college historian William A. Ellis, "The teaching at the University was not to lead the cadets to adopt a military career, but to become good citizens and be ready in case of necessity to fight for the defense of our country." The defense of the nation, growing rapidly in territory and with a population approaching 30 million, was, tragically, not far off.



The Harmon Memorial Wall

Every year at Homecoming, the names of deceased individuals who made a significant contribution to Norwich University during their lifetimes are added to the Harmon Memorial Wall.

For more information, contact Jamie Comolli at (802) 485-2301 or jwiransni@norwich.edu.

To learn more about *Citizens & Soldiers* or to purchase a copy, visit alumni.norwich.edu/NUHistory-Book.

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Michael Ford

Bachelor of Science in Criminal Justice Started on Campus: 2001 Online Graduation Year: 2017

This place was always very special to me. The heritage here is unparalleled. As I was looking at options, I found the bachelor's degree completion program. I knew that I could come full-circle and finish my degree where I started at a fantastic institution.

Finish What You Started

Your connection with Norwich can continue. See how your credits can transfer toward earning your bachelor's degree online with Norwich University.

Meghan Rioux

Computer Security and Information Assurance Bachelor of Science Degree 2014

> Information Security & Assurance Master of Science Degree 2016

I couldn't tell you how much time and energy my professors gave me to help me prepare for my future career. Norwich has never disappointed me, the Norwich family is wonderful and the opportunities are endless.

Unleash Your Potential

Ready to move up or change careers? Continue your journey with Norwich in one of the career-focused online master's programs.

online.norwich.edu/welcome-back

PARTRIDGE SOCIETY

The mission of the Partridge Society is to encourage alumni, parents, and friends of Norwich University to help the university achieve its financial goals and to formally recognize those who do so.

The Partridge Society Board of Directors welcomes the following new and promoted Lifetime and 1819 Circle Members and acknowledges new levels achieved between November 1, 2018 and January 31, 2019.

THREE-STAR GENERAL MEMBERS

(\$250,000–\$499,999) Mr. & Mrs. Lawrence E. Wesneski '70

TWO-STAR GENERAL MEMBERS

(\$100,000-\$249,999)

BG Richard M. Blunt, USA (Ret.) '72 & Ms. Anita Porter Arifov A. Efendi '18 David '81 & Mary Beth Orfao

ONE-STAR GENERAL MEMBERS

(\$50,000-\$99,999)

Steven J. Bergholtz '84 Roberta F. Haney '79 Mr. & Mrs. Art Heinmiller '57 Mr. & Mrs. Edward F. Kennedy, Jr. P'01 David Westerman

LIFETIME MEMBERS

(\$20,000-\$49,999)

Timothy '68 & Linda Buzzell Stephen '70 & Lynn Egan, Jr. Patrick Harmon '71 Bruce '81 & Linda '81 Litchfield David '81 & Donna Nock Tom & Kristie Roohan '77

1819 CIRCLE MEMBERS

Col. Guy S. '60 & Robin Huntley, USA (Ret.) Jessica Sicard

CLUBNEWS



NU CLUB OF NORTHERN CALIFORNIA

A New Year's Social in Fairfield, Calif. Left to right: Kristina Jardis '11, M'12; Ross Jardis '10, M'16; Dave Casey '80; Fred Kreitzberg '57; Clifford Heisler '66; Barbara Kreitzberg; John Coyle '63; Doris Heisler; Nick Smith '06; Debbie Bryne VC'65; and Tom Bryne.

After welcoming the incoming Class of 2022 to the Norwich family, NU Clubs have been busy hosting a variety of fun activities around the country from community service projects to book signings, holiday parties, networking socials, and more! Here's a look by the numbers:

Hours of volunteer service:

375+

Army/Navy game watch parties:

2

Boston Holiday Party book signings by New York Times bestselling author Alex Kershaw:

30

Events hosted between December and March:



Looking forward, NU Clubs are gearing up for the Bicentennial Birthday Tour. The program brings Bicentennial celebrations from the Hill to our alumni. parents. students, and friends across the country and around the world! Participating clubs will host a birthday party complete with scenes from campus, a special bicentennial birthday party favor, cake, balloons, and a personal message from President Schneider. To find more information about the program and to see when the tour will be visiting a city near you, visit alumni.norwich.edu/ BicentennialBirthdayTour.

-Heather Socha Director of Alumni & Family Events

ROLL OF HONOR

The following list reflects notifications of deceased Norwich family members received by the university from July 3, 2018 through October 4, 2018. Full obituaries, when available, can be viewed online at alumni.norwich.edu/obituaries. To inform the university of the passing of a member of the Norwich family, please contact the Alumni Office at (802) 485-2100 or inmemoriam@ norwich.edu.

1943 William B. Gaither, 98, 12/11/18 1951 Paul W. Niconchuk, 89, 1/4/19 1951 Carroll Rueben, 89, 1/4/19 1953 Benjamin H. Reid, 87, 11/26/18 1954 Stephen E. Eaton, 87, 11/17/18 1955 Harlan I. Fuller, 85, 12/11/18 1955 James R. Rice, 86, 11/11/18



History. Tradition. Honor.

The Norwich University Cemetery

Northfield, Vermont

Open May 15-November 15 8:00 a.m.-5:00 p.m.

For more information, contact Jamie Comolli at 802-485-2300 or jwirasni@norwich.edu 1955 Winfield J. Scott, 86, 11/28/18 1955 George H. Thayer, 85, 11/13/18 1956 Robert P. Ulm, 84, 11/19/18 1957 Patricia P. Williams, 82, 12/9/18 1958 Doris E. Stewart, 79, 11/17/18 1960 Alexander P. Hurt, 78, 12/23/18 1962 Richard D. Coburn, 76, 12/8/18 1963 Michael A. Wadyko, 70, 12/24/18 1964 Kenneth P. Troisi, 75, 1/3/19 1965 Donald C. Heath, 76, 1/9/19 1966 John F. Bloodsworth, 71, 11/23/18 1970 Kurt M. Schoenberger, 71, 1/5/19 1971 E. James Grip, 70, 12/4/18 1971 Walter P. Masgul, 68, 11/26/18 1971 James R. Niquette, 70, 11/28/18 1972 Lester H. Groat, 65, 12/1/18 1975 William D. Hoyt, 61, 11/21/18 1979 Patrick A. Beck, 58, 11/3/18 1982 Rassoul Rangaviz, 61, 12/2/18 1982 Diane M. Shadroui, 63, 12/2/18 1985 Thomas W. Brunk, 69, 11/15/18 1992 Thomas S. Moran, 77, 11/28/18 2007 Shelley W. Brown, 62, 11/18/18 2010 Kathleen C. Truax, 67, 1/2/19 Lieselotte K. Behie, 89, 1/12/19, Former Faculty Member Kenneth Carter, 88, 11/13/18, Former Faculty Member Connor V. Drouin, 22, 11/28/18, Student Michael Heston, 11/14/18, Friend of Norwich Clarence Jarry, 93, 11/7/18, Friend of Norwich Daniel Manrique, 33, 11/7/18, Student (CGCS) Donald M. Wallace, 84, 11/18/18, Former Faculty Member

CALL FOR SUBMISSIONS: Iraq & Afghanistan

The Record would like to hear from veterans, family members, friends, loved ones, health care providers, etc. who have essays, journals, letters, or photography related to their experience of the wars in Iraq and Afghanistan. Contact the editor at **smarkey@norwich.edu**.



ON THE FRONT LINES OF THE OPIOID EPIDEMIC

ran

Master Police Officer Dana Dexter '03 of the Concord Police Department on downtown patrol in the New Hampshire state capital. In the upcoming summer issue of the *Norwich Record*, Dexter and other Norwich alumni in law enforcement share their experience fighting the nation's most deadly drug epidemic. Look for "The Opioid Crisis."

Photograph by Aram Boghosiar



Cyber Security Summit June 18-19, 2019

Norwich University Campus Northfield, Vermont

Presentations, discussions, and networking with leading industry experts on the theme of Critical Infrastructure Protection and Election 2020. Choose from three tracks:

Cybersecurity | Procurement Municipal Governance/Nonprofit Management

\$275 in-person | \$175 virtual attendance Registration, keynote speakers, and event details at:

online.norwich.edu/CyberSummit

Third Annual Event

Norwich University's College of Graduate and Continuing Studies presents its third annual cybersecurity summit. Five Continuing Education Units (CEUs) will be offered upon completion of the summit. In-person registration fee includes meals. Applicable taxes will be added at checkout.

Who will benefit from attending this event?

Open to all fields and levels of professionals including those in business, compliance, finance, law, information technology, and information security.

Sponsorship Opportunities

Several sponsorship levels are available. Please contact Rosemarie Pelletier: rpellet2@norwich.edu for details.



Norwich is an Equal Opportunity Employer Privacy Policy: online.norwich.edu/about-us/privacy-policy Critical Information: www.norwich.edu/consumer



Office of Development and Alumni Relations Norwich University 158 Harmon Drive Northfield, Vermont 05663

Photograph by Mark Collier