

NORWICHRECORD

THE ALUMNI MAGAZINE OF NORWICH UNIVERSITY

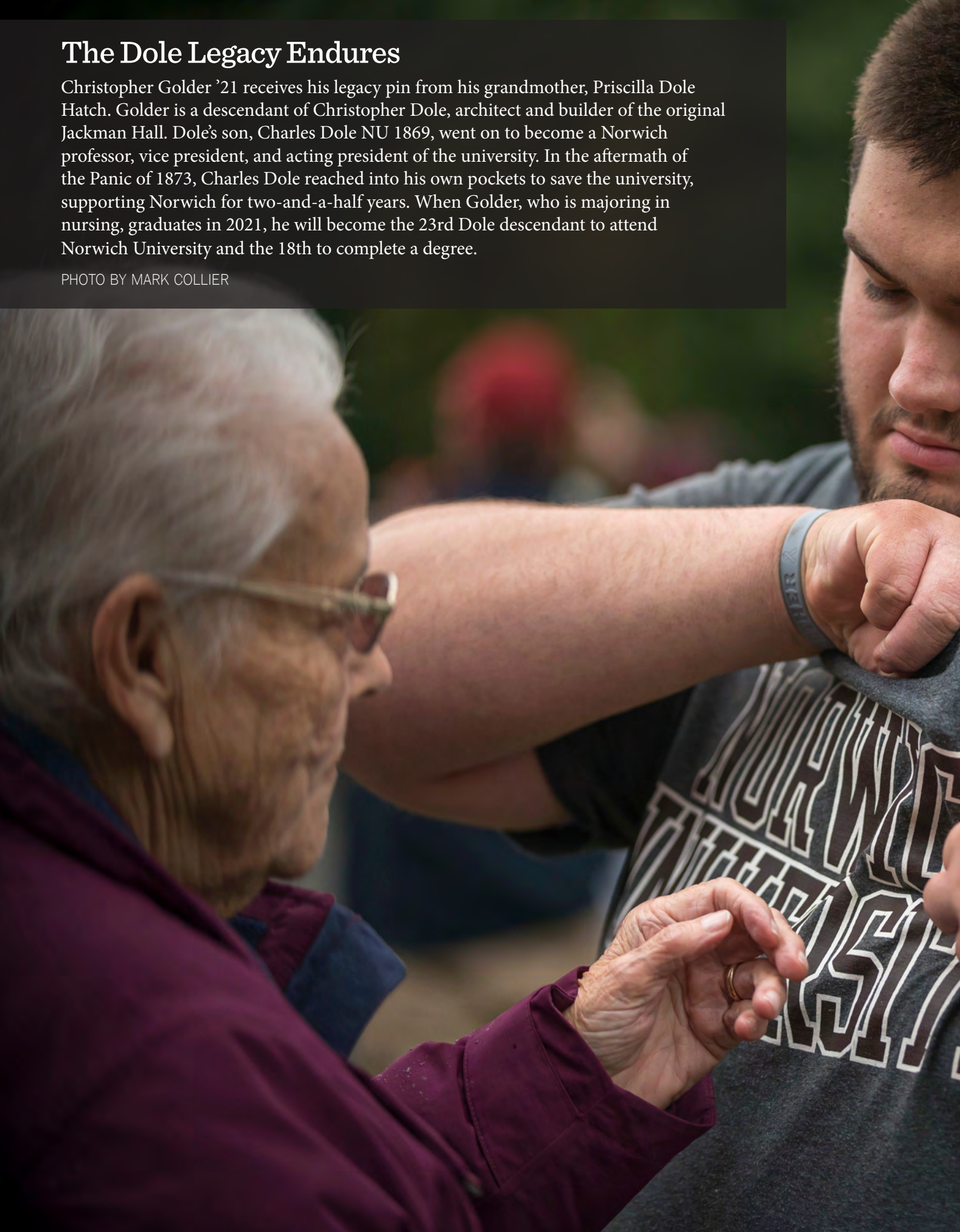
WINTER 2018



The Dole Legacy Endures

Christopher Golder '21 receives his legacy pin from his grandmother, Priscilla Dole Hatch. Golder is a descendant of Christopher Dole, architect and builder of the original Jackman Hall. Dole's son, Charles Dole NU 1869, went on to become a Norwich professor, vice president, and acting president of the university. In the aftermath of the Panic of 1873, Charles Dole reached into his own pockets to save the university, supporting Norwich for two-and-a-half years. When Golder, who is majoring in nursing, graduates in 2021, he will become the 23rd Dole descendant to attend Norwich University and the 18th to complete a degree.

PHOTO BY MARK COLLIER



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ON THE COVER

In this issue, we celebrate scholarship at Norwich University in all its nuances. .

Cover 123RF

Spinning The Record



Have you ever lassoed a lizard? Used infrared to see the painting beneath the painting? Studied the personalities of fish? If that sounds cool, it's because it is. It is also *scholarship*, and it's taking place right here at Norwich University.

Merriam-Webster defines scholarship as “the character, qualities, activity, or attainments of a scholar.” The order of key words is crucial to understanding the essence of scholarship at Norwich: “character” and “qualities” first, then “activity” and “attainments.” Scholarship lies at the heart of the Norwich guiding values—*character*—cultivating citizen-scholars who are “dedicated to learning, emphasizing teamwork, creativity, and critical thinking,” which leads to respecting “the right to diverse points of view”—*qualities*—and encouraging “service to nation and others before self”—*activities*.

If anyone values the fusion of character, quality, and activity, it is Trustee Fred Weintz '47, who along with his late wife, Betsy, established the Weintz Research Scholars Program. The Weintz endowment, and the Chase Endowment for Academic Excellence established by Frank Chase '28 and his wife, Zada, support the present-day Norwich University Summer Undergraduate Research Fellowship.

Student summer research fellows receive between \$2,600 and \$4,400 and work under the guidance of faculty mentors. The stipend helps free up the student, who may otherwise have to get a summer job, to focus on the research. And thus leads to the fourth key word in the definition: attainment.

Many Norwich students depend on scholarships. Did you know that alumni and friends of Norwich play an important role in supporting student education through *endowed* scholarships? In recent years, the number of endowed scholarships available to our students surpassed 200 and stands presently at 218; in the academic year 2016–17, our students collectively received \$4.6 million in financial assistance from endowed scholarships. Never underestimate the value of a friend. Born in Northfield, Vt., A. Francis Politi grew up during the Great Depression and served during WWII. Deeply committed to fostering the international perspective, he set up the Politi International Fund to support Norwich students and faculty in their pursuit of global knowledge and expanded worldviews. Dr. Politi reached into the future to lend a helping hand, even though he himself did not attend Norwich.

And, as the stories within demonstrate, the pursuit of scholarships makes our professors stronger teachers. So there's a lot wrapped up in that three-syllable word. No question, scholarship was a driver in Captain Partridge's vision when he boldly declared Norwich a university at a time when most institutions of higher learning began as colleges. University: Derived from the Latin, *universitas magistrorum et scholarium*, “community of teachers and scholars.”

For the Record,

Jacquie E. Day
Acting Editor



Setting the Record Straight: Corrections from the fall 2017 issue

The fall 2017 issue incorrectly stated the location of the Vietnam War Foundation Museum. It is located in Ruckersville, Va. Skip Degan '71 has recently added memorial bricks on the walkway there for Major George E. Hussey, Billy Aiken '72, and David K. Erenstoff '71, who left Norwich after his rook year. Learn more at www.vietnamwarfoundation.org.

The 2016–17 Annual Report errantly omitted the name of Steven A. Gagner '03 & M'17 as a Partridge Society Annual Member at the Regular Member level, as well as his 14th Star Brewing under Corporations and Foundations.

In “Norwich Newsmakers,” we incorrectly identified Major Chris Collins' branch as Air Force; he retired from the U.S. Marine Corps.

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The President's View

It is no secret that enrollments at colleges and universities all over the United States are down. In fact, they have been in a steady, downward trend for five straight years. The main cause of this decline is a dip in the birth rate, especially in the Northeast, meaning that fewer and fewer 18-year-olds are coming out of high schools and applying to colleges.

Norwich is seeing this national trend played out in a decrease in the number of applications it is receiving. And although we are more fortunate than many small, independent schools in that we have been able to fill the freshman class each of the past five years, we depend on an abundance of applications in order to do that. Why? More applications mean more choices. But beyond being able to enroll the best students, for whom the competition is keen, we want to attract and retain students who are looking for the kind of education that Norwich—and only Norwich—can give them. As alumni, you know what that means more than anyone.

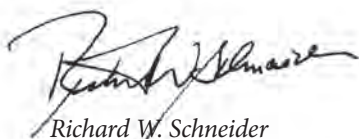
Here at Norwich, we are tuition-dependent, in other words, we must fill every available bed if we are to stay financially solvent. Simply put, we cannot afford *not* to be full, and our hardworking admissions staff uses a number of strategies to ensure that we do fill each incoming class: targeting schools with strong JROTC programs, attracting students interested in fields we specialize in—such as cybersecurity, nursing, and criminal justice—recruiting student-athletes for our sports teams, and expanding their outreach to new regions of the country. But our recruiters cannot have a presence at every college fair or visit every high school guidance office, which is why I am counting on *you* to be my force multipliers.

An independent college education is a huge investment these days, and families must believe that they are getting their money's worth. What better person to convince them of the value of a Norwich education than a real live Norwich graduate? Time and again, word of mouth has proven to be the most effective recruitment strategy there is, and although Norwich has a unique product, mission, and legacy, it is not widely known. If you are not asking every 15- to 18-year-old you meet if they have heard of Norwich, you are missing an opportunity to spread Norwich's message.

In addition to pitching Norwich to the kid in your neighborhood who delivers your paper or the scout who sells you cookies, consider becoming a Norwich Admissions Ambassador: a liaison between prospective students and Norwich. Once you register, the folks in Admissions will contact you twice a year (summer and winter) with a list of college fairs to which Norwich has been invited. You choose which college fairs you would be willing to attend as a Norwich representative, and Admissions will ship you materials and a "how to" manual. You can also notify Admissions of college fairs in your area, and even if you cannot attend, they can be added to the roster and attended by someone else. And parents, you too can be NU Admissions Ambassadors!

To learn how becoming an Admissions Ambassador could become part of your Norwich legacy, visit <http://www.norwich.edu/undergraduate-admissions/ambassadors/>.

Norwich Forever!



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



Service with a Smile: Norwich Admissions Ambassador Doug Houle '87 (center) watches the NU vs. Coast Guard football game from the President's Suite with the president and USCGA Superintendent Rear Admiral James Rendon (right). Houle volunteers as an Admissions Ambassador for both Norwich and Coast Guard Academy, and is an officer with the NU Club of Arizona.

Know of a high school student who might be interested in Norwich? Have them contact the Admissions Office at 802-485-2001. See page 11 to learn about Norwich University's "Early Bird" application incentive.



Your Letters

MORE ON GORDON HAY

The Winter 2017 edition of the *Record* was engaging for its news from the Hill, the emphasis on leadership, and the class notes. However, it also brought a crushing notice about the death of Gordon Hay '49.

Gordon and I met in the NU bookstore in the spring of 1967. Gordon was working for New England Life Insurance and I sat with him to discuss my needs upon graduation. I signed up with him that day. Gordon was my agent from then until his death. Even when he "retired" from NEL, he took a few files with him for his long-term clients: I was honored to be one of them. Gordon kept close tabs on me during all of those years. He came to California to meet my wife when we returned from assignment in Germany. He made sure my kids were insured. He put me on a disciplined retirement savings program while I was in my thirties. He got my wife and me signed up for long-term healthcare, far before we reached retirement age, when the premiums were reasonable. Who has the same life-insurance agent for 49 consecutive years?

He must have provided a subtle influence on my family, as two of my sons are in the insurance business. Just last year Gordon sent them, through me, a speech he heard back in the 1970s that speaks to knowing your product and providing quality counsel to clients. My youngest son just referenced both Gordon and that speech in a talk he had to give at a large insurance conference. Gordon just keeps influencing, even after his death.

Gordon was a gentleman's gentleman. Proud of his Scottish ancestry, proud of Norwich, proud of his wife and children, his in-laws, and his grandchildren. Gordon led a full life and gave so much to so many. I was stunned and deeply saddened to learn of his passing. The Lord is in good hands with Gordon there to watch over him!

Michael Perrault '67
FOREST GROVE, OREGON

OPEN ARMS

Wonderful job on the fall issue of the *Record*. Thought I'd send along the photo taken by Corey Touchette, from alumni affairs, of our returning class of '62. He did a terrific job getting us all in. We had 35 back with spouses for homecoming but a couple had to drop out last minute for various reasons. You'll notice there are three Vermont College '62 grads in the photo. We're proud to say our class welcomed our sister school into the fold, which back then was unaffiliated with Norwich. They even marched with their own blue and white Guidon, which we arranged to have produced five years ago for our 50th.

Dan Sweeney '62
WELLESLEY, MASSACHUSETTS

Editor's note: A photo of the Class of 1962 Homecoming reunion appears on the inside back cover. Standing (l-r): Mike Gilbert, Steve Blakeslee, Sandra Walton (VC), Sally Dietrich (VC), Jim Terlizzi, Burt Mullen, Dick Atkins, Walt Wuehler, Ted Slader, Kirk Corliss, Don Benner, Dave Murray, Tom Nielsen, Charlie Schudtz, Dan Sweeney, Abbot Gotshall, Don Shakour, Bill Sawyer, Carl Guerreri, Maurice McWalter, Stew Walton, Dick Stone, Al Wentworth, Bob Neel, Tay Sawyer (VC). Seated (l-r): Bill Clark, Art Currier, Dick Schmidt, Tim Donovan. Not shown: Ed Schneider and Fred Breton.

A FRIEND RECOGNIZED

Steve Porcella was a classmate of mine who was KIA in Vietnam. The sixth episode of the Ken Burns' series on Vietnam mentions his death. I knew Steve was killed flying a helicopter medical evacuation when he crashed into the side of a mountain in bad weather. There was a doctor on the flight who was taking care of a seriously

wounded soldier. The doctor, who spent five years as a POW, was being interviewed by Burns. He said, "I looked, and Major Porcella was dead." Because they never made it to an evacuation hospital, the wounded soldier died and the doctor was captured, but I was shocked when during the interview he mentioned Steve by name. Any cadet who benefits from the Porcella Scholarship might want to watch episode six so that they learn something about the man behind the scholarship.

Donald Morton '57
NEWTONVILLE, NEW YORK

RUNNING THE DOG

Thank you to everyone who responded to "Running the Dog" with reminiscences about your Dog River Run experiences. While we are still searching for the official origins of the tradition, your recollections reveal that as a practice, the Dog River Run has been around longer than we first thought, and it appears to have evolved with some regularity over time. With permission, we share these tales of the Dog.

As a member of the class of 1967, I certainly wasn't part of the first "official" Dog River Run, but I was part of an unofficial Dog River Run. I was a rook in the fall of 1963. Very late one night before either a Thanksgiving break or a Christmas break—I forget which—the upperclassmen had the rooks fall out in formation and we jogged beyond the Dog River over the bridge and then on the way back to the dorm we went through the Dog River. I'm sure our class wasn't the first to do this.

Ken Gray '67
JERICHO, VERMONT

Continued on page 34.

Stand Up and Be Counted.

Norwich faculty and staff give back because they know philanthropy spreads from the inside out. Will you join them and make a gift to Norwich?



I made my first gift to Norwich in 1988, before I graduated. Now my wife and I are lifetime members of the Partridge Society, and I make a gift from my paycheck every other week. We believe it's important to pay it forward.

Our last name may not appear on a building, but we helped purchase a few bricks. We also help students financially achieve their dreams by contributing to the Duchène-Malpere Class of 1992 Scholarship.

*– Bill Passalacqua '88
Assistant Commandant*



Since starting at Norwich in 2013, I've felt like a part of the Norwich Family. I give each month because I want to have a hand in the success of Norwich, and encourage other faculty and staff to get involved. Although my monthly gift is not a large amount, over time I know I will make an impact on the university and the Norwich family.

*– Sari Tiersch
Assistant Director of Online Engagement*



Why do I give to Norwich?

I give to Norwich as a way to say thank you. Norwich has been a part of my family for four generations—some have attended Norwich, and some have worked here (some both!). We are all very proud to be a part of such a great place.

*– Mary Roux '87
Uniform Store Manager*

Alumni, parents, friends, students, faculty and staff—your investment in Norwich, no matter what amount—helps provide the transformative educational experience that forms a common bond between all Norwich leaders. With your gift, you will inspire Norwich community members everywhere to get involved in the Forging the Future campaign in celebration of Norwich's bicentennial in 2019.

Norwich's legacy is in your hands...

Make your gift online: alumni.norwich.edu/givenow

Or give by phone: (802)-485-2300

Office of Class Giving • (802) 485-2300 • nuclassgiving@norwich.edu



NEWS From the Hill



Little Army-Navy Game ★ THE "MUG" RECOMMISSIONED

ON SEPTEMBER 23, 2017, the United States Coast Guard Academy returned to the Hill for a Homecoming Weekend revival of the storied "Little Army-Navy" football rivalry. Energy rippled through the air as spectators packed into the stands, on the hillside, and along the railings. "This is so exciting for us," said President Richard W. Schneider, a Coast Guard Academy graduate. "And I can tell you the students feel it the same way." At typical football games, the rooks form a gauntlet through which the Cadets enter the field. This day, the upperclassmen took their place behind the rooks. "I have never seen anything like it in my 25 years as president," he later said.

President Schneider fondly remembers, as a Coast Guard cadet, attending Norwich football games. "The Academy would put about half the regiment on a train to Northfield. And after the game, Norwich threw a dance for us that lasted until 11 at night. Then we marched back down to the center of town to get on the train. And we had to get back before Sunday morning because in those days, chapel was mandatory." — JED

Angelo Cofield '18 enters Sabine Field bearing the U.S. Coast Guard flag. The game ended in a 13-9 win for the Coast Guard. In a post-game ceremony, the Coast Guard was presented with the fabled victory "Mug," a trophy passed between the two teams since 1931.

What do you remember about the NU-Coast Guard football rivalry? Send your stories to record@norwich.edu.



Oath Ceremony

In late September, incoming students gathered on the Upper Parade to participate in an Oath Ceremony to pledge to uphold the principles of Norwich University. As part of the Oath, rooks and incoming civilians alike promise to accept and apply the principles of the Norwich honor code and guiding values. Their recitations conclude with: "In all my endeavors from this day forth I will reflect in the spirit of the Norwich motto: 'I Will Try.'" The Oath Ceremony is a long-standing Norwich tradition. Corps and civilians participate jointly, a "beginning" that cultivates unity across the student body.

Top: The incoming rooks form in ranks to be administered the Cadet Oath by the regimental commander, c/COL Timothy Weinhold.

Bottom: Members of the incoming civilian class of 2021 take the Oath on the Upper Parade, administered by their senior orientation coordinator, [searching for name].

NU Newsmakers

Thanks to Bob Ayers '64 for alerting us to the *Burlington Free Press* cover story of July 3, 2017, recognizing **BILL O'NEILL '65** for his long-standing career as Essex Junction High School's well-respected hockey and softball coach. O'Neill retired after 44 years of coaching.

If you've ever thought, "I'd like to know more about **JOE MILANO '66**," the *Boston Globe* has got you covered with the September 2, 2017, story, "Five things you should know about Joe Milano."

The story of **MATTHEW PIERCE '19**'s return to Norwich after a one-year hiatus, during which he bravely battled cancer, will humble and inspire. Matthew arrived back on the Hill last spring, and went on to achieve a 4.0 GPA that semester. This fall, he began his junior year as a platoon sergeant. Read about Matthew's courageous journey in the Fall Rivers, Mass., *Herald News* story, "Young 'honorary Marine' who battled cancer thriving at military college."

MARTIN "MARTY" GORDON '78 reflects on the transition between high school football and the college team at Norwich in the October 9, 2019, *Sports Illustrated* article, "A Town, A Team, and Football."



In 2002, Commissioner Kelly created the first counterterrorism bureau of any municipal police department in the country.

Former NYPD Commissioner Delivers Fall Todd Lecture

Norwich University continued its Todd Lecture Series on November 8 with a presentation by Raymond W. Kelly, former New York City Police Commissioner and author of *Vigilance: A Life & Legacy in Public Service and Leadership*. It was the first Todd Lecture in Norwich University's Year of Legacy.

With 50 years in public service, including 14 years as police commissioner of the City of New York, Raymond W. Kelly is one of the world's most well-known and highly esteemed leaders in law enforcement. Kelly was appointed police commissioner in January 2002 by Mayor Michael Bloomberg. Prior to that post, he served as commissioner under Mayor David N. Dinkins from 1992 to 1994, making him the longest-serving police commissioner in the city's history, and also the first to hold the post for a second, separate tenure.



As part of the Institute, high-school-aged students received guidance across the Norwich disciplines of architecture, engineering, and construction management.

Inaugural Governor's Institute

Norwich University welcomed 36 Vermont high school students on July 16 for its inaugural Governor's Institute on Architecture, Design and Building. Students participated in a residential week of hands-on learning, working with concrete, masonry, and wood. Norwich faculty, alumni, and undergraduate students guided the youth participants on projects that emphasized regional materials and best practices of sustainable design and craft. With the help of the Vermont legislature and many donors, the Governor's Institutes serve 630 talented Vermont teens statewide each year, with sliding-scale tuition that starts as low as \$10 for a full weeklong experience, including room and board.

Faculty Profile

Passing the Baton

Joe Byrne and Sandra Affenito

Retired Interim VPAA Smooths
Transition for Incoming Provost



THERE IS A POINT, DURING A WELL-EXECUTED RELAY, when two runners are perfectly in sync: speed identical, stride matched to stride in the exchange zone, before the receiver—propelled by the passer’s momentum—accepts the baton and accelerates into the next phase of the race.

Joseph E. “Joe” Byrne’s handoff of Norwich’s top academic job, to incoming provost and dean of faculty Sandra G. Affenito, has come off as a successful passing of the baton. After 44 years on the Hill, Byrne has retired from his latest post as interim senior vice president of academic affairs (SVPAA)—yet, true to his nature, has stuck around to ensure a smooth exchange.

“When you have the opportunity to be coached by someone who has so thoroughly lived Norwich’s mission, you seize it,” Affenito says.

She and Byrne are definitely in step. For one, they speak the same language: Byrne has a PhD in chemistry, Affenito in nutritional sciences. Both spent years teaching before joining the ranks of academic administration. And both have remained current in their respective disciplines as a reflection of their commitment to a teacher-scholar model of education.

Affenito discovered her passion for teaching early in her career. Specializing in medical nutrition therapy in the early 1980s, she served as a clinical educator and delved into research, which ultimately guided her pathway to higher education. “To be an effective teacher and mentor, it was imperative that I engaged in ongoing scholarship and in creating original knowledge to advance student learning,” she says. “That seminal experience informs my educational philosophy to this day.”

To say that Affenito is a force is no exaggeration. When she arrived on the Hill, she brought with her a palpable, contagious energy. A prolific researcher, she has published 60 articles on topics as diverse as nutrition, the theory and practice of medical education and its impacts on the U.S. health system, and leading change through shared governance. She served as a tenured professor in the department of nutrition at the University of Saint Joseph for ten years before assuming the role of dean and then associate provost. To stay abreast of contemporary inquiry, she maintains her credentials and fellowship with the American Academy of Nutrition and Dietetics. With additional certifications in educational leadership from Wellesley College and Harvard Graduate School of Education, more than two decades of experience in academic administration, and a commitment to experiential

learning, she possesses, Byrne reflects, “the knowledge and skill to guide Norwich through a rapidly changing higher-education landscape in ways that maintain the university’s currency, relevancy, and solvency.”

Byrne’s legacy of institutional transformation, and his dedication to academic standards, have well positioned Affenito to advance her vision for leading Norwich academics into its third century. His handiwork bears in nearly every improvement to academics at Norwich in his almost 20 years as associate vice president of academic affairs, which included an 18-month stint as interim provost and dean of the faculty. He once coordinated a team effort that created—in a record two weeks—an ESL program for 158 students from the United Arab Emirates. He doggedly pursued grants in support of Norwich educational endeavors. In close collaboration with President Richard Schneider, Byrne elevated Norwich’s visibility and reputation, both regionally and nationally, at a time when resources were limited. And, he freely offers credit where credit is due. For years, he served as committee chair for the Bowen Awards, which recognize staff who go above and beyond their duties. In 2017, the committee surprised him with an Honorary Bowen for his years of service.

“The most effective academic administrator is as much a servant as a boss.” – Joe Byrne

Byrne has truly gone the distance. Throughout his time in Academic Affairs, he remained rooted in teaching at the ground level, maintaining a shared presence between his administrative office and his academic office in the Chemistry Department. True to his nature of going where needed, with the SVPAA office recently vacant, Byrne postponed his retirement to serve as interim until the position—since reclassified as provost—could be filled. During it all, Byrne did the hard, steady work of fortifying academics at Norwich, which now boasts what Affenito calls “the brightest, most dedicated teacher-scholars, motivated to excel in their work.”

As we extend a warm welcome to Sandra Affenito, who is already making great strides in this next lap of Norwich academic excellence, let us also bid a fond “bravo” to Joe Byrne, whom we hope to see often, and who can enjoy a restful retirement knowing that the momentum he brought forth, sustained, and passed on will endure as his legacy.

— BY JANE DUNBAR WITH CONTRIBUTIONS BY JACQUE E. DAY

On the International Stage

NORWICH HONORED IN CHINESE EXHIBIT

★ In September, Norwich University sent a delegation to Tsinghua University, a research university in Beijing, China, that has mounted an exhibit honoring the accomplishments of its graduates who studied military science in the United States. Norwich was the chosen university for fully half of the Chinese students who came to the U.S. in the early 20th century as part of the Boxer Indemnity Scholarship. Most returned to China to become prominent generals in their army.

In attendance at the opening were Thy Yang, Norwich assistant vice president for international education, and College of Science and Mathematics Dean Michael McGinnis. On his first full day there, a granddaughter of Kai Yao '26 greeted McGinnis at 0800, and they were soon met by a tour bus of 40-plus people, all descendants of Norwich alumni. "These Norwich descendants traveled from Australia, Canada, Hong Kong, Taipei/Taiwan, Xi'an, Chongqing, Suzhou, and of course Beijing to participate in the event," McGinnis wrote at the day's end. "If you ever questioned the international reach of Norwich, look no further than the folks I met today."

The spring 2014 issue of the *Record* includes a feature about Chinese students who attended Norwich in the early 20th century, titled "I Will Try." Read it at thenorwichrecord.com/i-will-try/.



Norwich dean of the College of Science and Mathematics, Michael McGinnis (third from left), is greeted by descendants of Norwich alumni on his first full day at Tsinghua University.



Pictured, descendants of Chinese cadets who studied at Norwich University in the early 20th century.

CADETS EARN GERMAN OLYMPIC SPORTS BADGES

★ More than 120 Norwich cadets competed for the German Olympic Sports Badge during the Reserve Officers' Association Department of Europe/Verband der Reservisten der Bundeswehr Partnership seminar, hosted by Norwich in September. An official award bestowed under the patronage of German President Angela Merkel, the badge is earned based on performance in sports including the standing long jump, the shot put, the 100-meter sprint, the 3K run, and swimming. The activities took place at the invitation of the German Army Reserve on September 10, the day after the seminar concluded. All participating cadets received either silver or gold badges.

INDONESIAN DELEGATION VISITS THE HILL

★ In October, Norwich University's Center for Global Resilience and Security hosted a delegation of five disaster-management professionals from Indonesia. Their visit to the region was the result of a partnership between the Vermont Council on World Affairs and the U.S. Department of State, which offers a professional exchange program called the International Visitor Leadership Program. The group visited multiple communities around the United States, meeting with various stakeholders involved in disaster management and mitigation.



Need caption

LECTURE SERIES CONTINUES, THANKS TO BYRNE FOUNDATION

★ The Norwich University School of Architecture + Art has received \$10,000 from the Jack and Dorothy Byrne Foundation to fund the ongoing 2017–18 lecture series. For more than 12 years the Byrne Foundation has partnered with Norwich University to support the School of Architecture + Art's Lecture Series. Through these lectures—which are free to students and the local community—the School brings well-known architects, designers, artists, and writers to campus from around the country. The Byrne Foundation is a philanthropic organization that supports cancer research, education, and volunteerism, and many other charitable endeavors.

The fall lecture series kicked off during Homecoming and included a presentation by architecture student Armando Barragán '19, who traveled to Mexico over the summer to research Mexican architect Luis Barragán's "architecture of resistance." Learn more about his research on page 22. For a complete listing of lectures, visit profschools.norwich.edu/architectureart.

AND THE BAND PLAYS ON

★ At 1700 on Friday, August 18, 2017, the Norwich Regimental Band held a barbecue, sponsored by Al Wurzberger '60, at the Shaw Outdoor Center. The event's purpose: to unveil a plan for the ensemble's 2020 bicentennial celebration. Wurzberger, who is committed to making the band bicentennial a success, has established two trusts to help move that goal along: the Al Wurzberger trust and the Sue Wurzberger trust, in honor of his late wife. The students in attendance arrived with ideas ready to present, and welcomed input from decision-makers and Zoobies past and present. Norwich University's Regimental Band is the nation's oldest collegiate musical ensemble.

Would you like to give your input? Contact director of bands, LTC Todd Edwards, VSM, at tedwards@norwich.edu.

MOVING? Don't leave the *Record* behind!
Contact us at alumni@norwich.edu
or (877) 631-2019 to update your info.

FALL 2017 WRITERS SERIES

★ On September 26, 2017, Norwich University hosted Theo Padnos in the kickoff event of the fall NU Writers Series. A former Al-Qaeda hostage in Syria and author of *My Life Has Stood a Loaded Gun* and *Undercover Muslim*, Padnos addressed issues of violent extremism from his perspective of firsthand knowledge. His stories gave insight to what happened while he was in captivity and his thoughts on Islamic extremism. The event was co-sponsored by the Peace and War Center, the College of Liberal Arts, and the Department of English and Communications.

For a complete listing of 2017–18 Writers Series events, visit writers.norwich.edu.



Former Al-Qaeda hostage Theo Padnos spoke to a captive audience at Norwich University last fall.

BG MICHAEL NATALI '87 HEADS VETERANS DAY OBSERVANCE

★ Brigadier General Michel Natali '87 served as the speaker and reviewing officer of the 2017 Norwich University Veterans Day observances. The ceremony included cannon fire in the Roll of Wars, a wreath laying, the firing of three rifle volleys, and the playing of Echo Taps. Natali serves as the Commanding General, 53rd Troop Command, New York Army National Guard headquartered in Cortlandt Manor, N.Y. As commanding general, he provides leadership and guidance for the formulation, development, and implementation of programs and policies affecting the 4,100 soldiers of the Troop Command. Natali graduated from Norwich University with a Bachelor of Arts in Government, and commissioned into the Army in May 1987.

Brigadier General Natali served on active duty for nine years as a military intelligence officer with assignments in Germany, Fort Drum, Haiti, and Somalia.

NU JOINS NATIONAL CYBERSECURITY AWARENESS EFFORT

★ In October, Norwich University has joined the National Cybersecurity Awareness Month (NSCAM) effort as an official "Champion." President Richard W. Schneider signed a proclamation recognizing Norwich's vital role in identifying, protecting from, and responding to cyber threats. "Cybersecurity is everyone's responsibility," said Norwich University Chief Information Security Officer George J. Silowash. Throughout the month, Norwich sponsored informational talks along with special trainings and exercises to raise awareness of the importance of cybersecurity. Ranked second in the nation for cybersecurity by the Ponemon Institute, Norwich University's programs are consistently rated among the best in the nation for cyber education.

CADETS TOUR WHITE HOUSE

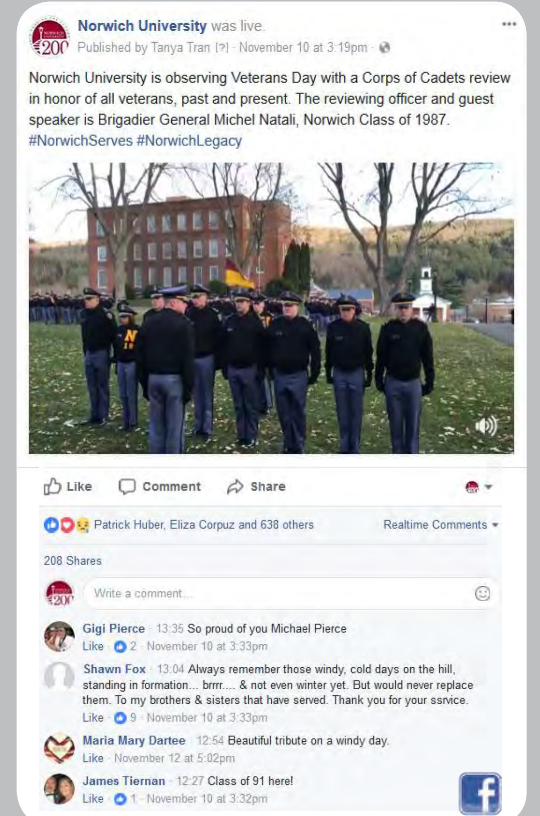
★ In October, while in Washington, D.C., for a meeting of the NU chapter of the Association of the United States Army, six Norwich cadets were treated with a visit to the White House East Wing. Donna Costa '84 was instrumental in making the White House tour happen. See thenorwichrecord.com for photos.

EARLY-BIRD APPLICATION INCENTIVE

★ This year, Norwich University introduced the Take the Lead Scholarship, aimed at highly motivated prospective students who completed their applications and filed the Free Application for Federal Student Aid (FAFSA) before December 15. "The admissions team was eager to provide additional funds for new students, as well as encourage them to complete their FAFSA, which has nationally been proven to positively affect students' ability to graduate with sufficient financial support," said Celeste Karpf M'14, senior associate admissions director. This four-year scholarship is valued at \$2,000 per year, resulting in a total of \$8,000 during a student's Norwich experience. To learn more, contact nuadm@norwich.edu.

GRANT SUPPORTS STUDENT INTERNSHIPS

★ Norwich University's Career and Internship Center has received \$15,000 in grant funding from the Vermont Department of Labor to support student internships by providing partial reimbursements for gas mileage. The funding will support 50 students with up to \$800 in mileage reimbursement during the calendar year of 2018. "Norwich's experiential learning model prepares students to be valuable members of local businesses, industry, and government while still students," said Internship Coordinator Jim Graves, who was instrumental in securing the grant. "It's a win-win, and this grant helps Norwich students get there."



Where is NU Social Media?
Visit www.norwich.edu/social for links to all our social media outlets.

Athletic Hall of Fame ★ 2017 Inductees

NINE INDIVIDUALS AND THE 1966-67 MEN'S ICE HOCKEY TEAM were inducted into the prestigious Norwich Athletic Hall of Fame on Sunday, September 24, 2017, at the 35th annual induction ceremony. The 2017 class features former football, soccer, and men's ice hockey greats.

Richard Schmidt '62, Paul Gallerani '67, Curt McCarthy '77, Dan Rowan '97, Shane Abrams '97, and Rene Cheatham '07 & M'14 were the six regular inductees. Noble Allen '82 and Al Moskal '67 were inducted as distinguished letter winners, and Fred Kreitzberg '57 was this year's honorary inductee.

Schmidt was a three-year letter winner on the football team. He served as a co-captain as a senior in 1961 and was also named to the Vermont All-State team as well. He was a mainstay on the Cadets' offensive line under head coach Bob Priestley and became a member of Skull and Swords while at Norwich.

Gallerani was an integral member of the 1966-67 men's ice hockey squad. He put together one of the best single-season point totals in program history with 25 goals and 28 assists for 53 points in 24 games as a senior.

McCarthy was a two-sport standout on the soccer field and the baseball diamond. A four-year letter recipient on the soccer team at defense, he was named the team's most valuable player twice, as a sophomore and senior. In his final year on the squad, McCarthy had a goal and an assist for three points.

In just three seasons with the men's ice hockey team, **Rowan** tied for 28th on the all-time Norwich University men's hockey career points list with 61 goals and 64 assists for a total of 125 points in 77 games played.

Abrams was another two-sport standout during his tenure in the Maroon & Gold as a member of the football and basketball teams. He was a two-time Freedom Football Conference (FFC) All-Conference selection, including being

named to the first team for special teams and the second team for defense as a junior. He served as the team captain as a senior and earned multiple FFC Player of the Week honors.

Cheatham was a four-year standout on the men's basketball team for head coach Paul Booth. He was a three-time Great Northeast Athletic Conference (GNAC) All-Conference selection, concluding his career with first-team honors as a senior. In his final year, he averaged 18.8 points per game and was named most valuable player.

Moskal was a senior on the 1966 team that went 6-2 and compiled the best record since the 1951 squad. He scored eight touchdowns in his final season to lead the team and rank among the leaders in New England. He also was named to the Vermont All-State team as a senior after setting the program record for pass attempts in a career at the time.

Allen was a four-year letter recipient with the men's soccer team and an All-New England Honorable Mention selection as a senior. He helped lead NU to the most wins in program history at the time with an 8-6-1 record in 1981.

Kreitzberg was the principal donor to facilitate the construction of Kreitzberg Arena, which was built in 1998 and remains one of college hockey's premier facilities. He and his wife, Barbara, also contributed generously to the building of the Kreitzberg Library in 1993. He served as the chairman of the Norwich University Board of Trustees in the 1990s and is one of just two Partridge Society Chairman's Four Diamond-level members.

The **1966-67 men's ice hockey team** went 14-3-1 against Division II competition and ended the season in first place. The Cadets won 15 total games, a record that stood as the program's single-season high mark until 1981-82. NU won the eight-team Amherst Christmas Tournament. The team was coached by the late Bob Priestley and the assistant coach was John Norris '60. —DD

Pictured (l-r): Inductees Al Moskal '67, Noble Allen '82, Richard Schmidt '62, Paul Gallerani '67, Fred Kreitzberg '57, Dan Rowan '97, Shane Abrams '97, Curt McCarthy '77, Rene Cheatham '07 & M'14.

The entire 1966-67 Cadets men's ice hockey team was inducted into the Norwich Athletic Hall of Fame.



If you build it...



Mark Collier

As a rook, Liz Kennedy '01 founded Norwich women's hockey.



Norwich Women's Hockey, victorious after winning the 2011 NCAA Division II women's collegiate championship.

THIS WINTER MARKS THE 11TH SEASON of women's varsity ice hockey at Norwich University. After its humble beginnings in 1998 as a club team, the program quickly built a legacy as a perennial powerhouse in NCAA Division III women's ice hockey, making eight NCAA Tournament appearances and six NCAA Division III Frozen Four appearances, as well as winning seven league tournament titles. And in 2011, just four years into its status as a varsity program, the women brought home a national championship trophy. It was a meteoric rise to the top.

Norwich women's hockey founder, Liz Kennedy '01, was a rook when she began galvanizing support for a club team. "I knew women's hockey was going to start to be a big thing with it debuting in the Nagano Olympics in 1998," Kennedy said. "I had a meeting with President Schneider and I told him that I love Norwich but I can't stay if I can't play hockey. He ended up giving me \$1,000 to start a women's club team."

Kennedy, now a senior development director for Norwich, was determined to make every penny count. "I went home at winter break and gathered up all the old equipment I could find," she said. "We practiced at an outdoor rink in Barre the first year while Kreitzberg Arena was being built. We were smelly with the old equipment, but we took the ice through sheer will."

The inaugural club team had a few experienced players, but mainly comprised figure skaters and rugby players. Former equipment manager Dana Bean was the first coach; Northfield's Kenny Goslant joined the coaching staff shortly thereafter.

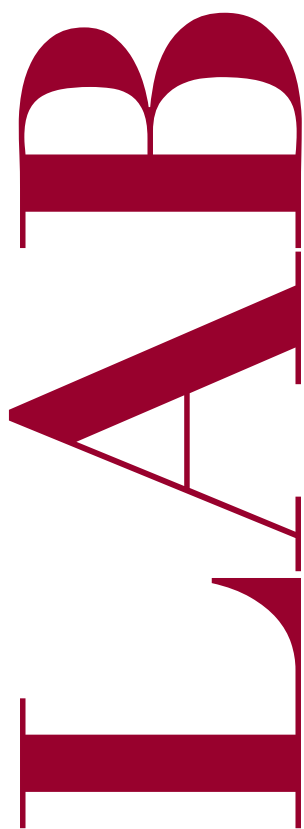
Women's hockey got its big break in 2005, along with three other sports, when Norwich identified a need to step up its athletic offerings for women. The discussion was brought before the Board of Trustees, and Trustee Nancy Archuleta (2004–09) made an on-the-spot commitment to kick-start the new programs. The result was the genesis of women's lacrosse and volleyball, while the women's rugby and hockey club programs began transitioning to varsity status. Volleyball debuted in fall 2006, followed by women's lacrosse in spring 2007. Varsity women's rugby followed in fall 2007, and finally, varsity women's ice hockey debuted in October 2007.

Head coach Mark Bolding '95 has emerged as one of the top women's collegiate hockey coaches in the country, winning three American Hockey Coaches Association National Coach of the Year awards from 2010 to 2012, while leading the Cadets to the national championship game in each season. In 2016–17, Bolding became the fourth-fastest coach to reach 200 wins in NCAA Division III women's ice hockey history.

"We've been fortunate to receive a lot of support from the university over the years with the building of Doyle Hall, which gave us our own locker room for the first time," Bolding said. "We've also been able to have success recruiting some of the nation's top young female student-athletes by having a full-time assistant coach position, all occupied by three Norwich grads: first Keith Maurice '02, then Sophie Leclerc '10, and now Mollie Fitzpatrick '12. None of that would have been possible without Nancy Archuleta's support."

Kennedy reflects proudly on the successes of Norwich women's ice hockey.

"To me the experience of starting the program is the Norwich experience in a nutshell," Kennedy said. "If you see a goal, and are willing to put in the time and effort, you can achieve it. It's a good lesson in overcoming obstacles and is the truest form of the Norwich experience. Women's hockey is my legacy, and to know that someone else came in after me and kept it going—to the extent that they are competing for a national championship every year—is amazing."



REPORT

From genetic engineering to digital forensics to the plays of Harold Pinter, campus labs across the sciences, professional disciplines, and humanities showcase the talent, curiosity, and impact of Norwich faculty and students. Portraits of nine diverse researchers and the labs they work in.

Story and Photography by Sean Markey

1.

The Internet of Things Lab

Associate Professor Huw Reed, director of the Norwich University Center for Advanced Computing and Digital Forensics, is about to show off his year-old Internet of Things Lab in Dewey Hall. Bot armies of Wi-Fi-connected appliances and garage-door openers have been wreaking havoc across the internet of late, while smart devices are now supplying evidence in murder trials. Ready or not, the Internet of Things era is upon us. The Welshman punches the door key code (Look out Q!), steps in, and the place looks like...the bedroom of your best friend from middle school, minus the bunkbed. Granted there are tech anachronisms galore crammed into the roughly eight-foot by eight-foot space: laptops and flat-screen monitors, a smart-home hub, old iPhone 3s and 4s, Philips LED smart bulbs, a motion sensor, Wi-Fi-chipped power strips, a docked and obviously on strike iRobot Roomba vacuum cleaner. But the wainscoting blending into square acoustic tiles, murky carpeting, and trio of yard-tall, circa 1987 brass lamps are spot on. Is it a lab, you wonder, or a fort? But then again, that's kind of the point. Like Virginia Woolf's room of one's own, Reed says a lab is "a place tucked away from the rest of the world." It's not a hideout, but a place to work that's free of distraction and full of the right tools. "The process of research is not one that you can do five minutes here, ten minutes there—squeezing between a meeting," Reed says. "To make new discoveries, to think outside the box," you need time to work and the proper tools to do it." Seconds after we enter, Reed's smartphone chirps. A text message tells him someone is in the lab. Clearly the place isn't so retro, after all.

The Leadership Lab

Rook. Norwich alum. Rhodes Scholar. Marine officer. U.S. Army War College graduate. Current lieutenant colonel in the Vermont National Guard. If anyone epitomizes the leadership lab that is Norwich, it's Tracey Poirier '96. In December, the mother of four deployed to support Special Forces operations in Afghanistan. When not on active duty, Poirier serves as senior vice president for leadership and student experience at Norwich, teaching leadership skills in the four-year Leadership Development Program she created for both Corps and civilian students.

However, Poirier is the first to admit that she's no Patton. "I've got this giant smile, and I laugh all the time." And that's okay with her. Such insights are the kind she invites her leadership students to make. "We focus a lot on knowing yourself, understanding what makes you tick." That includes knowing what brings out your best and your worst and how you communicate and work in a group. Poirier says the program is not about teaching leadership, per se. Rather, "it's about teaching components so that students can find their own leadership." By knowing more about themselves, students can begin to understand the people around them, learn how to put together the best team, and bring out their best.

Poirier says she was often told as a young officer to be a good leader. But rarely did the conversation move beyond that. "In my early career, not a lot of people sat me down and said, Let's work on little bits. Let's just focus on this one piece—like how do you communicate? How do you best motivate others?" At Norwich, Poirier is changing that.



Tracey Poirier '96 (center), Norwich's first Rhodes Scholar, appears with two students she mentors: Norwich Cadet and Army ROTC scholarship recipient Charles Grunert (left), a sophomore computer science and information assurance major from Chicago, Ill.; and Alex Swofford, a sophomore from Marcola, Ore., a neuroscience major and art minor who met Poirier through the Norwich GUIDE mentorship program.

3.

Genetic Engineering: The CRISPR Lab

Just four years old, the gene-editing tool known as CRISPR is already one of the most groundbreaking, if not powerful tools in modern science. Working like a pair of bargain-priced, \$70 molecular scissors, the DNA enzyme carries machinery and instructions to snip strands of DNA with exacting precision. Researchers can now target specific genes and swap in new genetic material nearly at will. Whether CRISPR (or Clustered Regularly Interspaced Short Palindromic Repeats) opens a golden age or a Pandora's box of genetic tinkering remains to be seen.

But for Norwich biochemistry professor Ethan Guth, CRISPR is in the end "just another tool." More exciting are the research questions he can now explore in a lab outfitted with little more than an ice bucket and a few hot plates. With a grant from the Vermont Genetics Network, Guth has worked over the past year to jump-start CRISPR research at Norwich. He aims to grow yeast spliced with Godzilla-like genes from *Deinococcus radiodurans*, an unusual strain of bacteria highly resistant to oxidative damage and radiation.

The associate professor of chemistry says he hopes to understand how those genes function to give an organism the ability to resist the corrosive forces of oxidation (think rust at the cellular and molecular level). While his research is basic science, he says it could theoretically open intriguing future applications, given the role that oxidation plays in the etiology of cancer, heart disease, neurodegenerative diseases, and many other human diseases. "He's a pioneer," says Karen Hinkle, a researcher, biology professor, and NU Office of Academic Research associate vice president. Norwich now has a CRISPR expert, one who has already involved students in cutting-edge work and will be a go-to resource for other faculty researchers, she says. "I think it's the fundamental dream of a lot of young nerdy science boys," Guth says. "To be able to build something new."



Biochemistry Professor Ethan Guth.



4.

Assistant Professor of Theater Jeff Casey Three (second from right) stands on the site of the \$60 million Mack Hall construction project, which will include a new campus auditorium and the future home of Pegasus Players theater productions. Joining Casey are student actors (l-r) Nathan Ures '21, Sachi de La Cruz '??, and Nick Veldey '21.

The De Facto Lab

A place for focused effort, experimentation, exploration, and discovery. If anything in the Humanities fits the definition of a lab, it's theater. "It's a laboratory art," says Assistant Professor of Theater Jeff Casey. "You can take risks and try new things." In November, Casey directed actors in the Norwich student theater troupe the Pegasus Players in a production of two short Harold Pinter plays, *Party Time* and *New World Order*. The works explore authoritarianism and torture while grappling with the theme of power. Casey, who joined the Norwich faculty in July, says producing theater at a university like Norwich is an opportunity to expose

future military and civilian leaders to ideas through art. "Nothing is more important than [how] they think about power and what it means [to] have power and what it means to be complicit in injustice or justice."

Casey, who also teaches classes on public speaking, writing, and literature, says he wants to push theater at Norwich into other arenas. He has already visited ESL classes and says theater students could support other campus programs in countless ways. "We live in a world of non-scarcity in some ways with so many products, particularly culture," he says. "But theater is a scarce resource, and that makes it more valuable."

5.

The Future Lab

Brian Glenney is your typical skateboarding, graffiti-spraying, private military college assistant professor of philosophy with a rock star resume and the punk playlist to match it. A graduate of St. Andrews and USC, Glenney specializes in social and sensory perception, exploring philosophical theories about what it is to see, hear, and touch in the world around us. He has spoken about his work at Harvard, Princeton, Oxford, and the University of Tokyo. New York's Metropolitan Museum of Modern Art has also come calling, showcasing his collaborative street art/icon design reimagining of the wheelchair access symbol.

Glenney's wide-ranging research often relates to perception and labels of disability vs. diversity, and more recently subversion in sport—the notion that genius rule-benders, if not breakers, drive innovation. To wit, Socrates, Charles Dickens, and the guy who invented the cross-over dribble. So what does that have to do with labs? Well, more than you might think. Glenney recently collaborated with colleagues at UVM to survey local skateboarders on their attitudes and behaviors around helmet use. The National Institutes of Health, which funded the research via a Vermont Genetics Network grant, is keen to understand the behaviors and risks of extreme sports.

Glenney sees the project as a potential first step for a larger, lab-based study. At a prior post, Glenney founded a philosophy and psychology lab, where students helped create the Kromophone, prototype goggles, and now an app that turns colors into sounds, upending how we experience the world. Such undergraduate projects demonstrate "that philosophy is reliably practical," Glenney says. "If anything is awesome about Norwich, it's that the students demand some kind of practical upshot to what they're learning." A lab is "a perfect place to show philosophy actually engages the world that you touch and see. It's not just theoretical."

Expert on:

1. The perceptual theory of 18th-century Scottish philosopher Adam Smith.

2. Molyneux's Question: Could a blind person who knows a cube and sphere by touch identify them by sight if it were restored?

3. Socrates' hobbies if alive today: "I think he would skate and do graffiti." *

* OK, make that an educated guess.

Philosophy Professor Brian Glenney.

6.

The Lifesaving Lab

Environmental chemist Seth Frisbie is a world expert on detecting toxic metals in drinking water and the math behind their associated health risk. If the World Health Organization makes a rounding error, he catches it. Such tiny details matter. A mere 10 parts per billion of arsenic in drinking water, the current U.S. standard for example, leads to one extra cancer death out of 400 people. "Arsenic is so toxic, so carcinogenic that it cannot be measured to safe levels" in routine testing laboratories, Frisbie says. Arsenic isn't our only worry. Trace amounts of far too many other toxic metals also act as powerful carcinogens or neurotoxins. Most of our drinking water today comes from the ground and therein lies the problem. "Most elements of the periodic table are in the Earth's crust" and thus our water, he says. "We're drinking filtered mud."

A GLOBE-TROTTING TOUR OF FOUR CURRENT PROJECTS:

FRANCE:

On independent study leave this year, Frisbie and his wife and research partner, Erika Mitchell, are working with Richard Ortega at the Nuclear Research Center at the University of Bordeaux. Using PIXE, a state-of-the-art particle accelerator, they are investigating how manganese might affect the neurology of infants, children, and the elderly, and possible links to Parkinson's Disease and some learning disabilities.

MIT/NEPAL:

A collaboration with MIT engineer Susan Murcott to develop an inexpensive, handheld LED spectrophotometer to test drinking water for toxic metals in Nepal and other developing countries. Students in Norwich Professor Mike Prairie's electrical engineering design lab have helped advance the prototype.

NORWICH:

Frisbie is nearing completion on a groundbreaking device to detect arsenic in drinking water, one that is a thousand times more sensitive than is currently possible in routine testing laboratories. Senior biochemistry major Greg Wilkins has worked to calibrate the instrument.

INDIA:

Frisbie is helping colleagues at the Indian Institute of Science in Bangalore, NU Chemistry Chair Richard Milius, and chemistry major Joe Minicucci build a chemical reagent that colorizes uranium in drinking water, to enable inexpensive field testing with LED spectrophotometers. (See MIT/NEPAL)



Chemistry Professor Tom Shell.

7.

The Molecular Lab

Assistant Professor of Chemistry Tom Shell is a chemical biologist who builds molecules crucial to research into targeted drug-delivery systems known as photo-pharmaceuticals. Working in his lab, Shell synthesizes molecules similar to vitamin B12 called alkylcobalamins that bind to nearly any cancer drug and put its cell-killing powers on hold. Before that happens, however, Shell attaches a light-sensitive trigger to the alkylcobalamin. Hit with the right wavelength of light, the molecule jettisons its cancer drug, sending it on its tumor-destroying way.

Other researchers have explored triggers sensitive to UV light, despite its major drawback—our skin is very good at absorbing it. Shell was the first to build triggers sensitive to near-infrared light, which passes deep into human tissue. The scientist says his research could one day help doctors treat patients with head and neck cancers where surgeries would be unsightly, if not difficult, while minimizing damage to healthy tissue elsewhere in the body.

Shell collaborates with Brian Pogue, a physics and surgery professor at Dartmouth College's Thayer School of Engineering and Geisel School of Medicine who co-directs the college's Optics in Medicine Lab. "We have the light-delivery tools and the background in mouse models of cancers and human treatments, which can help. But what we lack is expertise in chemistry and synthesis and development of molecules," Pogue says. "Tom brings the exact expertise that we need."



Field Hazards:

1. Sunstroke.
2. Rattlesnakes.
3. Barbed goat grass seeds.
(Ice picks in plant form.)
4. Wily lizards.

Field Gear:

1. Sunscreen.
2. Snake gators. (Josh)
3. Heavy boots and pants.
4. Fishing poles rigged with small nylon nooses, pillowcases to collect captive lizards, Norwich t-shirt, I Will Try attitude.

8.

The Field Lab

Assistant Professor of Biology Allison Neal (above, left) and biology major Joshua Sassi '18 have spent two weeks each of the past two summers stalking the oaks and grasslands of the 5,300-acre UC Hopland Research and Extension Center in Northern California. Their quest: capture Western fence lizards by the hundreds to collect field data on a malaria parasite endemic in the reptiles. "It's one of the best-studied natural systems that hasn't been affected by human interventions, like antimalarial drugs," Neal says. In all, the pair bagged close to a thousand lizards—measuring, numbering, and drawing blood samples at a field lab before releasing the reptiles into the wild. At Norwich, the researchers used microscopy to survey blood samples for *Plasmodium mexicanum* malaria infections and other parasites and prepared samples for DNA analysis. Neal's research continues a long-term study of the lizard population and its

parasitic interloper now entering its 41st year. The project's data points of basic science provide valuable research that can inform future studies of disease dynamics and climate change.

Sassi focused his second season in the field and lab on an undergraduate summer research fellowship to investigate and develop a co-infection prediction model in Western fence lizards between malaria and an intestinal parasitic infection known as *Schellackia*. An abstract of his work earned him the university's College of Science and Mathematics Board of Fellows Prize for research. Neal, meanwhile, recently received a \$25,000 Vermont Genetics Network grant to study a parasite much closer to home—schistosomes, microscopic worms found locally in certain water-loving birds, mammals, and snails that causes "swimmer's itch" in humans.



9. **The Classroom as Lab**

To appreciate the transformative effect that a lab can have on a campus, consider this: Ten years ago, a storage room on the second floor of the Tompkins science building was converted into a dedicated biology lab with a \$200,000 grant from the Vermont Genetics Network, a funding arm of the National Science Foundation (NSF) and National Institutes of Health.

Since then, Dana Professor of Biology Karen Hinkle, who also serves as the associate vice president for NU's Office of Academic Research, has been one of many faculty researchers to use the facility to advance her research. Hinkle specifically investigates the signaling pathways of Fyn, a protein known to be involved in cancer, collaborating with Bryan Ballif at the University of Vermont as a sub-grantee of his NSF-funded lab. "It's really basic science," Hinkle says, referring to her quest to understand fundamental aspects of those interactions.

Numerous students have been involved in Hinkle's work over the years as research assistants or summer research fellows and now countless more will be involved, too. For the second year in a row, students in Hinkle's spring cell biology class will spend the entire course investigating a new protein that may interact with Fyn. Hinkle says thanks to a three-year NSF sub-award from Ballif's parent grant, she is finally walking the walk of using novel classroom inquiry to teach and engage the next generation of scientists. "It's exciting to tell [my students], and I think they get it, that this is new. No one on the planet has ever understood these relationships before." ★

"I know that I am intelligent, because I know that I know nothing." – Socrates

THE SEARCH IN RESEARCH

By Jacque E. Day and Jane Dunbar

**ARMANDO
BARRAGÁN '19**

**The Search
for Identity**

"Have you heard of *Luis Barragán*?"

That was the first question Cara Armstrong, director of NU's School of Architecture + Art, asked Armando Barragán '19 when he entered her Fundamentals of Architecture I class as a freshman. He hadn't.

**BRIAN S.
BRADKE**
**The Search for
New Heights**

Brian Bradke wanted to be a professional trombone player.

Instead—fueled by his insatiable curiosity, supreme intellect, and the singular drive of an Air Force Top Gun—he has rocketed to the forefront of cutting-edge research: investigating how to improve the safety and efficacy of pilots operating under high-performance flight conditions.

**LAURIE
GRIGG**
The Search Below

On a frigid day in February 2014, Laurie Grigg stood on the frozen surface of Twin Ponds, Vermont, with two Norwich students and a collaborator from the

University of Wyoming. At first glance it could appear that they were enjoying an afternoon of ice fishing. Instead, they were drilling through the ice into the deep, to collect core samples from the lake sediment. On September 23, 2017, the professor returned to the same lake with another group of students to collect more core samples. The temps topped 80 degrees, and the crew donned shorts.

HUMANITIES: Where the Search Begins

It is a well-documented, nationwide trend that the humanities have taken a hit in higher ed. With an intensifying emphasis on the science, technology, engineering, and mathematics—STEM—fields, the humanities have been increasingly marginalized as "non-essential" programs less likely to lead to jobs after graduation.

But through the ages, the greatest thinkers have studied the humanities, not as a secondary pursuit, but as a means of making sense of what they're searching for. Language, reason, the examination of what came before—this is where the search *begins*.

To that purpose, a dedicated group of Norwich faculty and deans have put their creativity to work on an interdisciplinary mission to incorporate humanities across the curriculum using Captain Partridge's model of experiential learning. Their concept cultivates the "citizen-scholar."

Co-directing this curriculum initiative are Amy Woodbury Tease,

The father of Greek philosophy, Socrates, depicted here in sculpture, searching for new answers to established ideas. At Norwich, we



THE INTERSECTION OF SCIENCE AND ART

The Search for What Lies Beneath

It was standing room only last Homecoming weekend in the Todd Multipurpose Room when the veil fell away from a life-size, c. 1827, painting of a Norwich cadet. Now, the discovery of the painting's story has grown into an interdisciplinary effort involving the Sullivan Museum and History Center and Norwich physics professor, Art Pallone.

"There is overwhelming evidence that faculty who are engaged in asking questions and engaged in scholarly work bring that sense of excitement and curiosity to the classroom, which in turn enhances the teaching and the learning experience."

– Dana Professor Emeritus of Geology David Westerman,
founding director of the Norwich University
Office of Academic Research

JOE LATULIPPE

The Inner Search

Associate professor of mathematics Jocelyn "Joe" Latulippe is passionate about solving difficult biological problems. And now, he stands at the vanguard of research into a universally devastating disease.

associate professor of English and director of the Undergraduate Research Program, and Brian Glenney, assistant professor of philosophy. "The idea is that we pair humanities faculty with faculty in the other colleges, and they work on courses that they co-design and co-teach," Woodbury Tease says. "Humanities-plus-engineering. Humanities-plus-biochemistry." In its early stages, the initiative has already garnered university-wide support and commitments from every college on the Hill. A grant application is pending with the National Endowment for the Humanities (NEH), but Woodbury Tease says they will proceed with cultivating student and faculty interest in the initiative with or without NEH funding.

We look forward to witnessing this Norwich renaissance unfold.

Because as the following stories demonstrate, before we can design structures in new ways, create novel and fascinating technologies, or cure Alzheimer's, we need to know what it means to dream.

SIMON PEARISH

The Search for Insight

There is a passage in the famous book by Dr. Seuss, *One Fish, Two Fish, Red Fish, Blue Fish*, that describes fish like this: "Some are sad. Some are glad. And some are very, very bad. Why are they sad and glad and bad? I do not know. Go ask your dad." Or, as Biology Professor Simon Pearish.

ELEANOR D'APONTE

The Search for Stability

Architecture professor Eleanor D'Aponte is on a mission to help revitalize the use of poured concrete in American building design. And, she's doing so using fabric.

Laurie Grigg

The Search Below, *cont.*

Recommended
Read: *Journey to the Center of the Earth*
by Jules Verne

A professor of Earth and Environmental Sciences, Laurie Grigg is not only used to working in extreme climate but also studies climate change, and the National Science Foundation (NSF) has taken notice. In 2017, the agency awarded her a \$132,000 grant to study the impacts of climate change on Vermont's lakes.

Grigg's research involves a search for variations in fossils in the sediment cores, as well as changes in the geochemistry of the sediment throughout the past 10,000 years. She will use data collected from the samples to reconstruct how the climate has changed over time, and to examine how the lake ecosystem has responded. "The goal is to use this long-term perspective,

called paleoecology, to better understand the stresses facing lakes today and in the future," she offers.

The grant supports, in part, Grigg's collaboration with the University of Wyoming, where she and her research assistant, Irene Magdon '18, will take advantage of the analytical equipment and expertise of a nationally recognized lab. Her work, which aligns with the mission of the Norwich University Center for Resilience and Security, will eventually inform future decisions concerning the conservation of Vermont's lakes, as changes in the lake ecosystem are an important indicator of water quality. It was one of only 30 grants of its kind awarded in 2017, nationwide.



Left: Grigg (left), with the help of two Norwich students, drills through the ice to take sediment core samples from a Vermont lake in spring 2014. "As a geologist and a scientist, I am driven by my curiosity to understand how the natural world works and I love to solve the puzzles of the past."

Simon Pearish

The Search for Insight, *cont.*

Recommended
Read: *The Story of Doctor Dolittle*
by Hugh Lofting

Simon Pearish, behavioral ecologist and assistant professor of biology, is Norwich University's resident expert on the personalities of fish.

The study of fish personalities sounds more like play than work, a question formed in a young mind on a leisurely Saturday afternoon, ambling along a brook, looking down into the water, noticing how a school of fish interacts with its environment. In fact "school" is derived from the Greek *scholē*, meaning leisure. The word has since evolved to denote a group moving together in unison. Imagine a school of fish, its elegant dance, how it seems to manifest as one body. Outwardly, the motion *could* appear leisurely. But we know that within—from abstracts like schools of thought to institutions like Norwich—schools involve complex mechanisms,

a diverse range of roles and, yes, personalities.

Pearish is involved in an ongoing collaboration with Alison Bell of the University of Illinois at Urbana-Champaign and Bronwyn Bleakley of Stonehill College. Their question: why individual animals behave differently from one another. In their study of the *Gasterosteus aculeatus*, commonly known as the three-spined stickleback, they have observed that the "bold" sticklebacks—those more apt to take risks—tend to be more social. Conversely, the "shy" sticklebacks tend to be loners, more likely to go off on their own. Moreover, the alternative social preferences of both bold and shy fish appear to be adaptive, leading to increased survival in the wild.

At the crux of Pearish's inquiry is the Darwinian question, *What role has evolution played in generating personality?* "I study fish

personality because I want to uncover clues about human behavior that are buried deep in our evolutionary past."

In the classroom, Pearish and his students study the personality traits of the brook stickleback.



Right: Environmental science major Olivia Bussiere '18 is among a group of students assisting Pearish with his fish-personality research.



JOE LATULIPPE

The Inner Search, *cont.*

Recommended
Read: *Awakenings*
by Oliver Sacks

A mathematical neuroscientist, Professor Joe Latulippe uses computational models to advance the understanding of the human nervous system and the mechanisms of neuronal activity. Such models are useful in simulating long-term conditions, as well as *in vivo*-like environments, and carry clear research benefits.

"Because of the limitations of experimental procedures, quantitative tools can provide critical information that human trials can't," Latulippe explains. "Freed from the constraints of time or bureaucracy, such simulations provide reams of data in the few short minutes—or seconds—it takes to run them."

Latulippe recently developed one such tool himself. Called a *synaptic transmission model*, he originally intended it to help researchers better understand the concept of "plasticity":



what variables might strengthen or weaken a synapse over time. But he has now broadened his investigation into how neurons communicate under the influence of specific organic diseases such as Alzheimer's.

"Alzheimer's is the manifestation of breakdowns in memory, learning, and cognition," Latulippe says. "In other words, patients experience a progressive loss of synaptic plasticity. We know that one of the hallmarks of the disease is the development of amyloid-beta plaques and neurofibrillary tangles; what we don't know is what triggers their development in the first place."

Latulippe's model simulates exactly what happens to neural pathways and synaptic transmission at the very onset of Alzheimer's disease—before the imminent proliferation of plaques and fibrils occurs. Now, researchers



Mathematics Professor Joe Latulippe.

can change the conditions of an experiment by controlling for individual mechanisms—such as the effect of amyloid-beta on calcium—at will.

"Although the literature on Alzheimer's is vast, we have yet to find a cure," Latulippe says. "Because examining individual neurons at the molecular level is exceptionally difficult, mathematical models enable us to approximate the environmental conditions of an Alzheimer's brain—which can then help us more clearly understand how it develops, and how we can treat it."

ARMANDO BARRAGÁN '19

The Search for Identity, *cont.*

Recommended
Read: *Zen and the Art of Motorcycle Maintenance*
by Robert M. Pirsig

In the two years since discovering he shares a surname with renowned Mexican architect Luis Barragán, Armando Barragán has immersed himself in research that he ultimately hopes to parlay into a master's thesis.

Growing up as a first-generation Mexican-American in Boston with a father who helped construct dozens of prominent buildings there, Armando had always been intrigued by structural design. But it wasn't until he worked as a community organizer in high school—and observed what he felt to be the intrusive effects of generic architecture on neighborhood identity—that he decided to pursue a degree in it. Now, under Armstrong's mentorship, he has discovered resonances with Barragán that extend far beyond their shared name or heritage.

"When I first saw photos of Barragán's work, I could see he avoided the International Style," Armando says—an

approach he describes as a "cut-and-paste aesthetic" that strips all sense of place or cultural context from a building; exactly what had bristled him back in Boston. "But I didn't know *how* he did it; how he created modern structures that evoked Mexico's past without being cliché."

Structures, in other words, that *fit*.

This past summer, funded by a coveted NU summer research fellowship, Armando spent four weeks exploring Mexico City to understand the how. Armed with British architect and historian Kenneth Frampton's *Towards a Critical Regionalism: Six Points for an Architecture of Resistance*, Armando observed that Barragán's own resistance to contemporary norms comprised natural, locally available materials and colors, as well as the use of texture and light.

"Barragán said, 'Don't ask me about this or that building; don't try to do what



Armando Barragán '19 snaps a selfie in front of a Luis Barragán building in Mexico.

I do: see what I saw," Armando explains. "I *saw* the history, culture, and natural environment that drove his designs."

Looking forward, Armando hopes his research into Barragán will inform his own designs, and those of his peers, "to better reflect individualism and local culture, and help us replicate those strategies around the world."

"Plus, every architecture professor I've had asks the same question Professor Armstrong did," he laughs. "I had to find out more about this guy."

THE INTERSECTION OF SCIENCE & ART

The Search for What Lies Beneath, *cont.*

Recommended
Read: *A Wrinkle in Time*
by Madeleine L'Engle

Sullivan Museum registrar John Hart discovered the painting when it was listed for sale by New York City's Hirsch & Adler Galleries, where for decades it had been mislabeled as a portrait of a West Point cadet. Through painstaking research and documentation, the museum staff correctly identified the cadet as one from Captain Partridge's Academy in Middletown, Conn. But the cadet's identity eluded them.

There was something else: a shadowy figure in the lower right corner, known in the art world as a *pentimento*, the presence or emergence of earlier images that have been changed and painted over—in other words, a painting beneath the painting. While they could make out what appeared to be the figure of a small child in the lower right-hand corner, they couldn't see details.

What Hart needed was a camera that could reveal the detail without harming the artwork. The answer lay just a few hundred paces away in Tompkins Hall with physics Professor Art Pallone, an expert in multi-spectral imaging.

In the basement of the Sullivan Museum, using a near-infrared camera, Pallone took pictures that peeled back

another layer of the mystery. The boy appears to have a piece of fabric draped over his arm containing symbols consistent with a Masonic Apron. The museum staff had already traced the possible identity of the cadet to the Starr family. This discovery revealed another link to the theory, as Jehoshaphat Starr was the founder and inaugural Grand Master of the Middletown Masonic Lodge, which in 1825 sent a contingent to the cornerstone-laying ceremony for Partridge's Academy in Middletown. Among the many looming questions: Why was the child removed from the original painting?

For Pallone, who will continue to work with the museum to uncover the painting's story, a foray into the world of fine art has been a rewarding one, not to mention a natural offshoot from physics. "Leonardo da Vinci understood what we, in modern times, sometimes need to rediscover," he says. "Art is scientific, and science is artistic."



Above: Near-infrared imaging uncovered symbols in the *pentimento* consistent with a Masonic Apron.



Assisted by exhibitions associate Katherine Taylor McBroom, Pallone shows Hart what the near-infrared imaging reveals in the painting.

ELEANOR D'APONTE

The Search for Stability, *cont.*

Recommended
Read: *The Aleph and Other Stories*
by Jorge Luis Borges

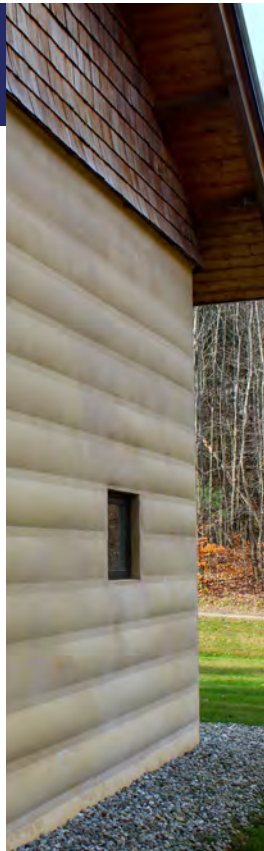
Just inside Eleanor D'Aponte's office in Chaplin Hall, a sculpture catches the eye. It is a table with bulging legs, like balloons filled with water, but made of solid concrete. "A group of students in a seminar created this table, which was formed with fabric," she explained. The students sewed polyester fabric into the shape of the legs as they envisioned them. They built a supporting rig, hung the fabric, poured in the concrete, and let gravity do its job. "The weight causes the fabric to bulge," she concluded. "For design students this technique is incredible because it requires them to build a negative of what they're envisioning."

The cover of the 2017 book, *The Family Cabin*, features a house with inner and outer solid-concrete walls that

bulge in controlled, horizontal rows. The house, located in nearby Waitsfield, Vt., was "formed with fabric" using a more sophisticated version of the method D'Aponte's students employed to create the table. D'Aponte co-designed the house with ArroDesign, a local architecture firm.

A small but growing architecture paradigm is emerging around this principle. The technique found its U.S. origins with Mark West, who introduced the idea to D'Aponte when he spoke at Norwich University a decade ago. Since then, she has written several papers on the subject and recently received a Marion and Jasper Whiting Foundation grant to study poured-concrete buildings in Europe.

D'Aponte co-designed this Waitsfield, Vt., house made of poured concrete formed in fabric. First, the team built frames to support the concrete pour. From the framework, they hung sheaths of polyolefin, a heavy fabric, one inside each frame. They affixed 2" x 3" wooden slats, evenly apart, outside the fabric. They poured the concrete, which bulged between the slats. After the concrete dried and solidified, they removed the slats and fabric. One advantage to pouring concrete into a fabric frame, D'Aponte says, is that excess water can escape through the fabric's pores.



BRIAN S. BRADKE

The Search for New Heights, *cont.*

Recommended
Read: *2001: A Space Odyssey*
by Arthur C. Clarke

"Every square inch of a military aircraft is instrumented, with instant access to the data," explains Brian Bradke, assistant professor of mechanical engineering. "Yet we have no way to objectively monitor its weakest link: the person flying the plane. We rely on pilots themselves to recognize the signs of potentially catastrophic conditions such as hypoxia—but by the time they do, it's often too late."

Leveraging the resonances between mechanical and biomedical engineering—his primary areas of expertise—Bradke ultimately hopes not only to monitor the real-time effects of acceleration and altitude on pilot physiology, but also to proactively counter them. "Once a pilot is incapacitated, the outcome is always the same," he says. "This research can preserve a multimillion-dollar asset. More importantly, it will save lives."

The launching pad for Bradke's inquiry rests at NASA—and the trajectory of his preparation spans more than a decade's worth of experiences that have uniquely prepared him to conduct it.

During a summer internship following his first year of college—"I decided it would be better to be an engineer with a music hobby, than a musician with an engineering hobby," he laughs—Bradke examined the impacts of space flight on astronauts' health, in part via remote instrumentation. There, at Kennedy Space Center, he realized two things: he was utterly fascinated by the role engineering could play in medicine.

And, he wanted to fly in space.

Within four years, Bradke had earned a both a bachelor's degree in biomedical engineering from Rensselaer Polytechnic Institute (RPI) and a master's in mechanical engineering from Stanford University, with a specific focus on the effect of flight on body mechanics. Within seven years, he had commissioned into the Air Force, graduated at the top of his officer candidate class, and earned his pilot certification. And, by the time he completed his PhD in biomedical engineering from RPI in 2014, he was a decorated combat pilot, having flown sorties in both Operation Iraqi Freedom and Operation Enduring Freedom.

Although he narrowly missed qualifying for astronaut school (he finished in the top one-half of one percent of 18,000 candidates), Bradke's landing at Norwich has been soft.

"Norwich is a perfect fit for me: I can pursue my scholarship in a military environment, and apply my knowledge toward solving problems I'm personally passionate about," he says. "And I love being in the classroom."

Already, Bradke has invented and prototyped a standalone hypoxia warning system for pilots and aircrew, and has developed a revolutionary new musculoskeletal countermeasures suit that may help astronauts maintain healthy bone and muscle mass while on extended missions.

The implications of this work, Bradke believes, will soon extend



Professor Brian Bradke (right) is a former USAF F-16 instructor pilot and a recent NASA astronaut finalist. In 2016–17, he led a team of Norwich students on a design project of a lighter-weight exercise suit for astronauts to wear in space. The work earned the Norwich team an invitation to NASA headquarters in Washington, D.C., where in June, team leader Scott LeFevre '17 (left) presented the research. Now in flight training at N.A.S. Pensacola, the Navy ensign aims to attend graduate school and test-pilot school with the ultimate goal of becoming an astronaut.

into commercial space travel. For this reason, he has proposed the Norwich University Airborne Research Center: an interdisciplinary development, test, and evaluation center focused on the discovery and implementation of new technologies to enhance the safety of civil and military air and space flight.

"The challenges we face, as humans seek to go ever higher and faster, are largely physiological in nature," Bradke says. "My work blends theoretical, computational, and applied aerospace and biomedical technology to mitigate those challenges."

If funded, the center would be the first of its kind in the country. ✪

LIT CORNER

In searching for the gravesite of American environmental writer Edward Abbey, author and Norwich English Professor Sean Prentiss found himself on a quest for his own identity. The resulting book, *Finding Abbey*, has won multiple national awards.

In her search for the story of Isabel Jennings, an Irish abolitionist who distinguished herself as a leader in the anti-slavery campaign, English Professor Patricia Ferreira embarked on adventures in Ireland that led to her forthcoming book, *Merchant Princess & Abolitionist: Isabel Jennings's Story*, from Cork University Press.

Through his research and inquiry into the spirit world, English instructor and paranormal writer Glennie Sewell not only answers his own questions about what lies beyond—in the process, he also helps people, and spirits, find peace and solace.



FORCES OF

Alumni Deploy for Hurricane Relief Effort

By Carla Beecher

Harvey began as a tropical wave off east Africa in early August 2017. By mid-month, it had gained enough traction over the Caribbean's Lesser Antilles to become a tropical storm. It died down on its way over Mexico's Yucatan Peninsula, but as it traveled over the Gulf of Mexico, it quickly became a full-fledged Category 4 hurricane reaching speeds of 134 miles per hour. It slammed the Texas coast on August 25, then circled, stalled, and meandered between Texas and Louisiana before finally settling over eastern Texas and dumping a record-setting amount of rain—the tiny town of Nederland peaked at 60.58 inches. The storm's flooding caused billions of dollars of damage, especially to the hard-hit Houston area. It was the end of August, but just the beginning of an unprecedented hurricane season. There was much more to come.

NATURE



From space, Hurricane Maria looks almost tranquil, like a flower. But it is a very different scene on the Earth's surface for Tara Lyons '16 and Michael Kelley '06, who have taken refuge with their Vermont Army National Guard unit on St. Croix. At the time of this infrared photo, Maria has torn part of the roof off their shelter, and the hurricane's eye is just east of them.



UH-60 Blackhawk helicopter transporting the Vermont National Guard medical team from St. Thomas to St. Croix. The team evacuated to safety before Hurricane Maria hit the region.

With Harvey on the wane, the National Weather Service turned its attention to Irma, which was proving an exceptionally powerful, massive but slow-moving, catastrophic Cape Verde-type storm whose winds eventually reached 185 miles per hour as it gathered strength on its way through the Caribbean. Before hitting the Florida coast September 10 and wreaking havoc on Georgia and other parts of the South, Irma carved a 400-mile-wide swath of destruction in the Caribbean.

As soon as the weather service sounded its alarms, the Department of Homeland Security and the Federal Emergency Management Agency (FEMA) began coordinating with federal, state, and island partners to prepare local responses to Irma. FEMA requested medical support from the Vermont Army National Guard (VTARNG) to aid military personnel and civilian volunteers on the U.S. Virgin Islands of St. Thomas, St. Croix, and St. John.

Meanwhile, Hurricane Maria was just getting started.

“Once the call came from FEMA for us to assist with the aftermath of Irma, everything happened very quickly,” said physician assistant and VTARNG mission commander Major Michael Korczykowski. Within three days he put together a medical-relief team of 22 Vermont National Guard soldiers and airmen that included Captain **Michael Kelley ’06** and Second Lieutenant **Tara Lyons ’16**.

“We left two days after being notified,” said Lyons, a registered nurse at Dartmouth-Hitchcock Medical Center who had been training with the Guard since her sophomore year at Norwich, when she joined ROTC. Lyons, Kelley, and the rest of the unit arrived on St. Thomas Saturday, September 16. That night, they slept in the airport.

Maria, Waiting in the Wings

Immediately on Irma’s heels—and an unwelcome surprise to those on the already storm-torn islands—came the powerful Hurricane Maria. Yet another Category 5, Maria became a tropical storm on September 16, only two days after the Vermont medical contingent arrived. Maria would deliver the final one-two punch that would leave not only Puerto Rico ravaged, but also the U.S. and British Virgin Islands, the Bahamas, Turks and Caicos, Montserrat, Guadeloupe, St. Kitts and Nevis, the Dominican Republic, and tiny Dominica, the island that was hit first and suffered almost total devastation. The flooding and destruction wrought by these deadly and costly storms struck a crippling blow to the tropical islands. The economic costs are in the hundreds of billions of dollars. The deaths are still being counted.

As Maria was building speed and heading toward St. Thomas, the team—consisting of three physician assistants, five nurses, twelve army medics, a medical logistics specialist, and VTARNG state surgeon Colonel Gino Trevisani, M.D.—boarded Blackhawk helicopters to evacuate to St. Croix, where they rode out the storm in a brick, new-but-untested, hurricane-proof building. “It’s the first time I’ve been in a storm of that power,” Kelley said. “I did feel safe even though there was water leaking through the window seams and part of the roof had blown off.



Vermont National Guard Adjutant General Steven A. Cray greets Lyons at Schneider Regional Medical Center. Kelley is to her left.

But the building was structurally sound.” He likened the facility’s size to a two-story elementary school.

For Lyons, Maria was anything but routine. “I tried to sleep, but woke up to a wind so powerful and so loud. It helped that the leadership didn’t seem fazed: they were easygoing and in good spirits, even when the rain started to seep in through doors and pool into puddles. My thoughts also went to the islanders.” Maria, by then upgraded to a Category 5, landed around 10 p.m. Tuesday, September 19. As hard as it hit, by morning it had dwindled to a light rain.

While awaiting safe passage back to St. Thomas to begin medical operations, the team assisted the Virgin Islands National Guard with medical support to route-clearance missions on St. Croix, and provided sick-call operations for the uniformed soldiers on St. Croix.

On Friday, the unit returned to St. Thomas. The following day they helped move \$2.2 million worth of medical equipment from the airport to the SS *Wright*, the logistics support ship that was docked near shore and equipped to house and provide aid to the soldiers and crew for the following three weeks. The ship became their home base. “I was eager to get busy,” said Lyons, who is completing a yearlong residency in the medical specialties unit at Dartmouth-Hitchcock, where in-patient adults with chronic or acute-on-chronic diseases, such as diabetes, are treated. “I’m pretty well-versed in the group of disorders that includes diabetes, so my year at Dartmouth-Hitchcock prepared me for what I saw in the Virgin Islands,” she said.

Korczykowski’s unit pushed out from the ship each day to do missions around the island. They performed sick-call operations for the Red Cross and for the *Wright* crew, which numbered about 400. They also did door-to-door health checks in coordination with the Department of Human Services and the Department of Health, and provided medical and logistical support at the St. John Shelter, the East End Clinic, the Lockhart Elementary School Shelter, and the Knud Hansen Shelter. “Our primary mission was to provide medical support to Schneider Regional Medical Center’s Emergency Department by taking care of soldiers and military personnel,” Korczykowski said. “But we quickly found ourselves serving the civilian population as well.”

The storm’s aftermath left some of the floors at the medical center flooded, though the operating room and emergency department were intact. The 602 Medical Company out of Fort Bragg helped the team by fast-tracking patients outside the hospital so they could focus on emergencies, Lyons added. “We took patient assignments from the moment we got there,” said Kelley, a critical-care nurse and firefighter-paramedic in Bedford, N.H., who is emergency room and ICU trained. As acting executive officer of the unit, he was responsible not only for working as a nurse, but also coordinating logistics and moving equipment and personnel to St. Thomas.

Not surprising, the older Norwich graduate took Lyons under his wing. “Tara started off following me around to see how an ER worked, which is very different from a normal patient unit in a hospital,” he said. “After a few days she took more responsibility, and by the end of the three weeks, I acted more as a resource for her. She only came to me as needed to ask questions.”

According to Kelley, the mission was a good training opportunity for Lyons and gave her exposure to cases she wouldn’t see in her current job. “We saw a diverse group of injuries and medical conditions, from diabetic ketoacidosis to cardiac arrests to seizures,” he recalls. “At one point the hospital only had one vial of insulin.” They also saw dementia patients who would normally have caregivers, but didn’t because they had fled to be with their own families. “These patients were left to fend for themselves,” he said. “They had no medications, some weren’t fed, and many were becoming dehydrated.”

Lyons admits that emergency medicine wasn’t a specialization she had considered prior to this deployment, but now she sees things in a different light. “Because the storm hit homes and stores so hard, we saw patients who had the more chronic diseases,” she reflected. “The storm destroyed buildings, including doctors’ offices, so diabetes patients no longer had insulin and could only watch their sugar levels climb every single day.”

Tough Stuff

“Captain Kelley taught me everything while there,” Lyons reflected after the deployment. Under Kelley she learned time management through multi-tasking and how to change a course of action at a moment’s notice. He explained, “One minute you’re going down one path of treatment, but then you get some new information from an exam or a diagnostic tool and you end up taking another route. After three weeks, Tara began to anticipate those changes and the needs of the patients, and what the physician was going to anticipate from her that needed to be done.”

Without hesitation, Kelley credits his time in the Corps of Cadets and his Norwich education for giving him the skills to communicate clearly and effectively with staff and also within complex organizations like FEMA and other federal agencies. “Norwich instilled in me professionalism and respect for others.”

The unit commander echoes Kelley’s remarks about Lyons, and about Norwich. “Tara was a joy to work with: upbeat, a solid soldier, and she took my gruff Army attitude well and learned quite a bit,” Korczykowski said. “She also got a taste of what it’s like to work in an austere environment. I think Tara is a good example of what to expect from a Norwich alum,” he continued. “Norwich is an outstanding program to have in Vermont and any chance I get, I selfishly grab its students to work for the Vermont National Guard. I know they will have a high military bearing and high standards.”

At her civilian job at Dartmouth-Hitchcock, Lyons reports to **Michelle Stavseth M’17**, a nurse supervisor for the medical specialties and intermediate step-down care unit. Stavseth hired Tara in May 2016. “Tara is thoughtful in her approach with patients, has great communication skills, is flexible with others in the unit and with our patients, and has persevered with grace in what can be a very demanding career,” Stavseth said. “Her classroom and clinical perspective make her a well-rounded nurse. Her education prepared her well to enter the acute-care environment and help the sickest patients in New Hampshire and Vermont.”

“I think Norwich puts students in positions that help them grow,” Lyons added. “I remember having a lot of things on my

plate that were uncomfortable when I was taking classes, like leadership positions and taking care of patients as a 21-year-old. But my teachers pulled me out of my comfort zone. They made me step up and learn to be a leader.”

Tara Lyons comes from tough stuff, cut from a Norwich legacy family with generational roots in the medical profession and the military. Her grandfather, **Victor Kim '60**, was born in China to an American mother and a Korean father. His mother, an MD, ran a women’s hospital. Months after his birth, the second Sino-Japanese War broke out, and Victor lived for eight years under Japanese occupation and another three in the midst of a Chinese civil war. He came of age in the U.S. amid great cultural transformations, attended Norwich, and served as an Army officer in the Vietnam War. A true American patriot, he energetically proclaims that “I would rather live in this country than anywhere else I have ever been in the world.” Lyons grew up listening to her grandfather’s prolific and detail-rich stories about Norwich, and to follow in his footsteps seemed natural. But she admits she struggled at first.

“When I started college I was so shy, I barely talked to anyone,” she acknowledged. “But I had to come out of my shell in order to fully participate. Norwich prepared me to look at a situation like this hurricane and say, ‘Yes.’ Part of me questioned whether or not I should go, but the other half said, ‘You need to go. Go do this.’”

Lyons recalled being stricken by the widespread devastation on the legendarily beautiful Virgin Islands. “The locals were saying, *It doesn’t look like this*. It was very sad to see. Power lines were everywhere. Many of the roads were gone and those that remained had their signs broken in half. The drinking water was dirty and unsafe to drink. I saw how little they had to work with after the hurricanes, and it makes me appreciate all I have now since I’m back home,” she said. “It’s the little things that we normally don’t think about that you notice in a big way when they’re gone. This deployment taught me to be creative in a chaotic environment to get the job done. Now that I’m back home, I appreciate everything.” ★



Second Lieutenant Tara Lyons '16 and Captain Michael Kelley '06 during a shift in the emergency department of Schneider Regional Medical Center, St. Thomas.



On September 26, Tara Lyons '16 emailed this photo of herself on the SS Wright to her grandfather, Victor Kim '60.



“It feels good to help,” says VTARNG Second Lieutenant Tara Lyons '16 in an interview with Vermont NBC affiliate WPTZ, as her medical unit prepares to deploy to the Caribbean to help with relief efforts in the wake of Hurricane Irma. The team will be in the path of a Category 5 shortly after arriving in the Virgin Islands.



Lyons and Kelley (right) pictured with a patient and her uncle as they are discharged from the ER.




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Your Letters *continued from page 4*

It was November 21, 1965, I was a rook with Mike Company. That morning we were awakened at 0530 and told we were going on a morning run. The uniform would be fatigues, field jackets, and jump boots. We ran in formation around campus, through “Disneyland,” and across the Dog River Bridge. The cadre did not cross the bridge. They told us the bridge was “out” and we would have to swim to get back across. The air temperature was about 20 degrees and the water was 35 degrees and deep! After being yelled at for a while, we started across. Getting to the other side, we were told to “form up” and start running back to Gerard Hall. When we got back there, ice had already formed on our clothes, but we conquered the “Mighty Dog!” Then we went home for Thanksgiving.

P.S. I never got a rock.

Stephen Hagstrand '69
SHELBURNE, VERMONT

Just to add to the historical report—the Class of 1972, having just celebrated our 45th reunion, ran the Dog River on an early morning in the late fall of 1968. That day there was ice on the edges of the river.

Leslie A. Trott '72
CEDAR GROVE, NEW JERSEY

I wholeheartedly commiserate with our “more mature” university staff members, to include President Schneider, Frank Vanecek, and retired Lieutenant Colonel Titus, on their Dog River Run. I ran the Dog during my master’s degree residency in 2010, at the tender age of 63, with medically managed atrial fibrillation. My dear wife, Christina, is always chiding me to clean up my computer desk and study, but I will not permit anyone to remove a small stone that decorates the top of my computer. It was great fun; first a blast of military calisthenics, and off we went,

slipping and sliding all the way through. I stumbled and fell twice and I needed a hand up to exit the river bank. But it was all necessary. Why? Because we all want to feel accepted, to participate in a shared student experience, and to fulfill the expectations of our peers, we heed the call of tradition, somewhat like Tevye in *Fiddler on the Roof*. And in the end, we carry a piece of Vermont in our hearts and retain our Dog River rocks like trophies. Norwich forever!

Frank X. Weiss M’10
BAYSIDE, NEW YORK

In the fall issue of the *Record* I enjoyed the article “Running the Dog.” I graduated in 1991 and I do remember running the Dog River. I thought it curious to read later about classes carrying a rock. I do not recall that tradition was observed at the time I ran it. And I also do not recall if it was exactly after Rook Week or not, but was for sure very early in the experience. I also seem to recall some discussion at that time about whether or not it was an annual tradition in that it might not have been observed every year. But we did do it.

Richard Porqueddu '91
MIDDLE ISLAND, NEW YORK

BILL W. INSPIRES

In her introductory column for the fall 2017 *Norwich Record*, Jacque Day wrote about the legacy of Bill Wilson, one of the co-founders of AA, or Alcoholics Anonymous.

I have a story to tell about an experience I had while visiting the monks at the Weston Priory in Weston, Vt. On my way back home, my car developed problems so I stopped at a repair shop and they told me they would need to order a part to fix it. Since I didn’t have the money to buy the part or fix the car,

I called my sister, and she sent me the money through Western Union. However, I had to find a place to spend the night, so I drove around looking for a bed-and-breakfast. I found one, so I asked them if I could spend the night. I told them that I had my dog with me and they said I could stay there and the dog could stay as well!

So, after having spent the night there I asked them how much I owed and they said there was no charge. Consequently, I asked them if there was anything I could do for them, and they told me to go out to the farmhouse and ask the manager. The manager told me that I could help him feed the sheep. The flock was out in the pasture grazing, and the barn door was wide open. The manager called out to them and yelled, “Come on in! Breakfast is ready!” Immediately, without hesitation, they stopped grazing and came in through the barn door.

I later learned that bed-and-breakfast place was the former residence of Bill Wilson.

There’s more to the story. At breakfast that morning, I noticed a strange-looking object on one of their counters. I asked the owners what it was and they said it was a shofar. According to the dictionary, “A shofar is a ram’s horn blown as a wind instrument, sounded in Biblical times chiefly to communicate signals in battle and announce certain religious occasions and in modern times chiefly at synagogue services on Rosh Hashanah and Yom Kippur.”

In any event, the experience I had at Bill Wilson’s former residence, along with a spiritual experience, led me to begin Ram of God Ministries.

Bill Burgoyne '66
GARDNER, MASSACHUSETTS

.....
GOT SOMETHING TO SAY?
 Send it to record@norwich.edu.

NORWICH Connections



Hollywood Homecoming ★ A STARRING ROLE

It was standing room only in Cabot 085 on Friday evening during Homecoming weekend as Norwich University hosted the East Coast premiere of *Gentlemen's Fury*, a new movie starring Jake Head '97. The film's release coincided with Head's reunion year, and his classmates made a generous showing—as did dozens of rooks, many of whom stayed afterward to collect his autograph on souvenir movie posters and talk with Head about the life of a professional actor.

The previous afternoon, Head and classmate Bobby Carroll reprised their roles as Norwich deejays in the WNUB studios in a marathon talk-radio session to promote the screening of *Gentlemen's Fury*. Several members of the Class of 1997, upon realizing who was on the air, made a beeline to the station. The first to arrive was Father Matthew Westcott '97 (not pictured) who told the story on air about how Head gave him the Muppet nickname Dr. Bunsen Honeydew, with a little help from then-c/SSG Kirk Lagerquist '95. To hear that clip and others, visit thenorwichrecord.com.

Jake Head '97 (center), an actor in Hollywood, with the rooks who attended the East Coast premiere of his new movie, *Gentlemen's Fury*, on the Norwich campus during Homecoming.

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Alex Kershaw on Writing

Citizens & Soldiers: The First 200 Years of Norwich History

Bestselling author Alex Kershaw has written nine books, three of them *New York Times* bestsellers. Born and raised in England, he has lived in the U.S. for 23 years. In 2015 he was commissioned by Norwich to write *Citizens & Soldiers: The First 200 Years of Norwich History*, to coincide with the university's bicentennial commemoration in 2019. Last October, in an interview in the Sullivan Museum and History Center, he talked about what that experience was like and what he learned about Norwich and Norwich people in the process. An excerpt of that interview follows:

"I did the project because I was fascinated by the history of the institution, and I thought that the story of Norwich really was a very good way of telling the story of America. I am not a U.S. citizen, but I have spent most of my life writing about ordinary Americans who sacrificed an enormous amount for a place that I love and adore, which is Europe.

"I am honored that I was trusted to do this—to express myself with passion and be allowed to delve into a history that is very precious to this institution. It was very moving. I came away in awe, and also with a great sense of gratitude.

"From the very start I wanted to put Norwich individuals at the center of the American story, by showing that, at key points in American history, there was a Norwich guy or woman there. I wanted to tell the story of Norwich but at the same time tell the story of America—of its progress, its evolution, its politics, and its military history—through Norwich individuals.

"The core of the story of Norwich is this: you need someone to lead the way, to set an example. Someone has to put their life on the line... and show other people what you need to do to get the job done. You have to groom people to do that. And Norwich does that well. When you go into that hell, the unimaginable hell of war and conflict, Norwich graduates step up. The empirical evidence is there, I found it throughout two hundred years.

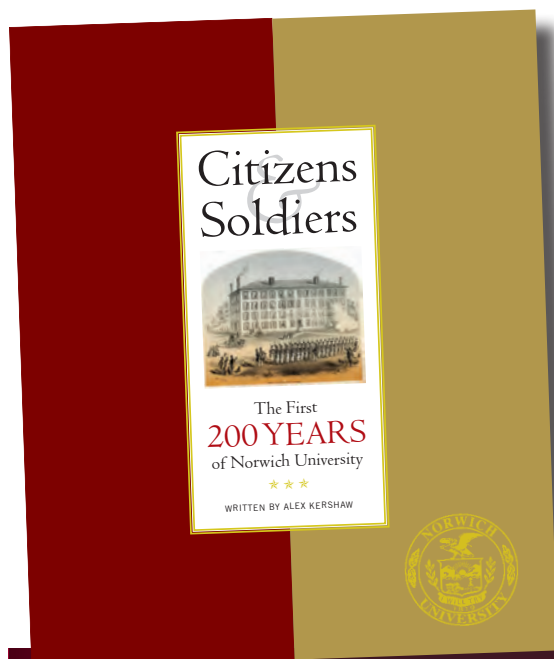
"I was surprised at how emotional it was at times. I was brought up on a continent that was liberated predominantly by Americans towards the end of the second world war. So that sacrifice is one that I truly appreciate. I felt it. I saw it. As I flipped through these pages, I saw face after face after face, of star quarterbacks, of people who had very promising futures, that were killed at 19, 20, 21, while leading other men. If you look at the net contribution of what Norwich people did in World War II—certainly in Europe—you couldn't find an institution that did as much.

"I tried to see things from the point of view of Norwich. The book is about showing people examples of what Partridge wanted to create, which was a citizen soldier. By giving examples of leaders like Grenville Dodge, General Harmon, Gordon Sullivan, and many others, I want readers to be inspired to feel proud of Norwich and of the people who have come out of the college and gone on to do great things.

"We often forget there's a lot of people—the most important people—the ones who glue us together as a society, are the ones that serve us. Without them, we would have nothing. Any institution, any place that encourages that sense of service, especially today, is to be celebrated."

Pre-Order Your Commemorative Copy

A commemorative edition of the book is available for \$1,000 (\$800 is a tax deductible gift to the University). Only 400 copies of the commemorative edition, signed by the author, President Richard Schneider, and General Gordon R. Sullivan '59, will be available. To reserve your copy, or for more information, contact Lauren Frank at lfrank@norwich.edu.



Citizens & Soldiers will be available for purchase at Homecoming 2018.

Celebrate 200:

Mark your calendar and make plans to attend these once-in-a-lifetime events!

**HOMEcoming 2018:
September 13–16, 2018**

- Mack Hall ribbon cutting, Sabra Field commemorative artwork unveiled.
- *Citizens & Soldiers: The First 200 Years of Norwich University* history book release.
- Celebrate 200: All-class bicentennial year kickoff dinner.

**CELEBRATE 200: NAPLES, FLA.
January 24–26, 2019**

- Sullivan Museum traveling exhibit, location TBD.
- 200th birthday celebration dinner, location TBD.

**CELEBRATE 200: DALLAS, TEXAS
March 22–23, 2019**

- Sullivan Museum traveling exhibit, George W. Bush Institute.
- 200th birthday celebration dinner, George W. Bush Institute.

**CELEBRATE 200: NEW YORK CITY, N.Y.
June 6–8, 2019**

- Sullivan Museum traveling exhibit, location TBD.
- 200th birthday celebration dinner, USS *Intrepid*.

**CELEBRATE 200: FOUNDERS DAY AT
NORWICH, VT. August 6, 2019**

**CELEBRATE 200:
NORTHFIELD COMMUNITY
Labor Day Weekend 2019**

**HOMEcoming 2019:
September 19–22, 2019**

- Bicentennial Stairs ribbon cutting.
- Premiere: History of Norwich documentary.
- Dewey Hall renovation ribbon cutting.
- Celebrate 200: All-class birthday party.

**CELEBRATE 200: WASHINGTON, D.C.
October 12–26, 2019**

- Sullivan Museum traveling exhibit, AUSA Annual Meeting.
- 200th birthday celebration dinner, Smithsonian Museum of American History.

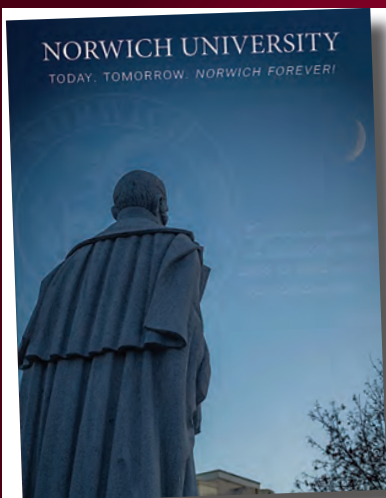
**CELEBRATE 200: BOSTON, MASS.
November 14–16, 2019**

- Sullivan Museum traveling exhibit, Faneuil Hall.
- 200th birthday celebration dinner, Seaport Hotel.

**CELEBRATE 200:
SAN FRANCISCO, CALIF.
January 24–25, 2020**

- Sullivan Museum traveling exhibit, Marines' Memorial Club.
- 200th birthday celebration dinner, Marines' Memorial Club.

Commemorate Norwich's Bicentennial



**NORWICH UNIVERSITY
Today. Tomorrow.
Norwich Forever!**

A beautiful photo journal that chronicles a year at Norwich. A project of the Norwich University Alumni Association, the book celebrates our rich traditions and life on the Hill.



BICENTENNIAL WINE

Windsor Vineyards of Santa Rosa, Calif., has designed beautiful bottles of Chardonnay and Cabernet Sauvignon commemorating Norwich's bicentennial. You'll find the wine delectable and the bottle a timeless keepsake. Personalized bottles are also available. Orders can be placed at www.windsorvineyards.com/norwich.



**NU BICENTENNIAL
DISPLAY MEDALLION**

Limited quantity • Top quality comparable to US Mint

Celebrate your Norwich pride at home and at the office with this heirloom collectible-quality solid bronze 3" diameter and 1/4" thick two-sided, sculpted and cast medallion. The high-quality piece comes in a maroon and gold gift box with separate acrylic stand. Proudly made by the Medallic Art Company (est. 1903), our nation's oldest private mint.

To see more bicentennial commemorative items, and to order yours, visit alumni.norwich.edu/merchandise.

Class of 2021 Student Sendoffs

EVERY SUMMER, alumni and parents open their hearts and homes to the incoming class. These informal events are true Norwich family gatherings, with NU parents, freshmen, students, staff, and alumni getting to know one another. This year, 42 sendoffs took place across the country, welcoming more than 250 first-year students and their families into the Norwich community, and providing a sneak preview of life on the Hill.

We are always looking to offer more of these events, so if you are interested in hosting a future sendoff, please contact Heather Socha, assistant director of clubs and regional events, at hsocha@norwich.edu or 802-485-2303.

EVENTS AND MORE CAN BE FOUND ONLINE AT
alumni.norwich.edu/calendar.



CHICAGO SENDOFF



SOUTHERN NEW HAMPSHIRE SENDOFF



SEATTLE SENDOFF



CAPE COD SENDOFF



CONNECTICUT SENDOFF

NORWICH Board of Fellows Update

THE BOARD OF FELLOWS OF NORWICH UNIVERSITY comprises alumni and friends who have an abiding interest in the enrichment of the university's academic programs. Board members sit on a variety of academic visiting committees, which meet twice yearly and provide support to the various colleges and schools within the university. In 1982 they instituted the Board of Fellows Medallion Award to recognize long or outstanding service and significant contributions to the stature, reputation, and vitality of Norwich University. In addition, each year at Homecoming, the Board of Fellows awards one or two faculty members the Faculty Development Prize. The following is an excerpt from Jonathan Allen '94's report on the fall 2017 board meeting.

Thank you all who traveled to Vermont in October for the Norwich Board of Fellows fall meeting—and thanks to those who joined virtually during the committee meetings. It was a great week speaking with the students, faculty, and staff as well as seeing the changes on campus, hearing the committees' plans for the coming year, and meeting our new provost and dean of the faculty, Dr. Sandra Affenito. She is a wonderful addition to the Norwich family and proving to be a great partner of the fellows.

We transitioned the board's senior leadership and nearly all the committees have new chairs and/or vice-chairs. We welcomed 17 new members and thanked 20 departing members, hosted the seventh First Read with the incoming freshman, and kicked off the Board of Fellows cyber task force. We had the chance to recognize three lifelong Norwich supporters with this year's Board of Fellows Medallion Award: Jon Fogg '68, Kevin Crowley '70, and retired Professor Don Wallace.

Also, Professor Tara Kulkarni was selected for this year's Board of Fellows Faculty Development Prize for her project, Resilience Metrics for Green Storm Water Infrastructure. A few actions and updates coming out of the week:

2018 FALL MEETING: SEPTEMBER 12–14, 2018.

First Read: Over the next few months we will reexamine the format of the First Read program. Our objective is to connect with new freshmen, both Corps and civilian, to facilitate a conversation reinforcing Norwich's guiding values.

Norwich Mentoring: Mentoring is a cornerstone of the Board of Fellows mission. We will continue to support our individual mentoring programs within the colleges as the new Class2Class program comes up to speed. Information about Class2Class may be found at alumni.norwich.edu. Please set up your profile in the system.

All-Hands Conference Call: We will restart an all-hands call every quarter for sitting members to encourage the sharing of committee best practices and to keep you updated on activities happening on the Hill.

Cyber Task Force: David Toomey '85 and Kim Baumann '87 hosted the first Cyber Task Force on Friday morning with representatives from the undergraduate and graduate programs, NUARI, Norwich Development and Strategic Programs, the provost's office, Chief Information Security Officer George Silowash, and industry representatives.

New Membership: Ken Johnston '82, as our vice-chair, will be working with the committees' vice-chairs to understand each committee's needs and work with Development to help identify and vet potential candidates.

Ken and I are extremely honored to be leading the Board for the next two years, especially as we roll into our bicentennial celebration. We are continually impressed with your professionalism and commitment, and it makes us extremely proud to be graduates of Norwich University.

Jonathan Allen '94
President, Board of Fellows



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 June 1, 2017, and September 30, 2017.

CHAIRMAN'S ONE DIAMOND (\$1,000,000–\$1,999,999)

The Honorable Thaddeus Buczko '47 & H'96
Harry T. '55 & Ann Hale

FIVE-STAR GENERAL MEMBERS (\$750,000–\$999,999)

Mr. & Mrs. Lawrence J. Budnick Jr. '64
& P'86 & G'21
E. Tarry '64 & H'05 & Pat Polidor

THREE-STAR GENERAL MEMBERS (\$250,000–\$499,999)

Abigail B. Mason

TWO-STAR GENERALS (\$100,000–\$249,999)

Roger MacLeod '60
John K. Mulligan '72
Joyce Oliver W'51

ONE-STAR GENERALS (\$50,000–\$99,999)

Howard '67 & Priscilla '66 Alpert
Albert Borne
John '72 & Marlene Campbell
Gary & Sherrie Clark
Barry '62 & Bonnie '62 Johnston
Gerald Smith & Terry Romero P'18
Robert L. Sanborn '63

LIFETIME MEMBERS (\$20,000–\$49,999)

Mr. & Mrs. Michael Babyak Jr. '92
Edward F. Kennedy Jr. P'01
Elizabeth Kennedy '01
& Logan Potkowski '02
Adam '05 & Jennifer Lazar
Robert '57 & Katherine Metcalf
Mr. & Mrs. Frederick T. Morsheimer '70
Michael '73 & Susan O'Brien
Peter S. '60 & Margaret A. Romano
COL Allen Wilder Jr. USA (Ret.) '56 & W'78

1819 CIRCLE MEMBERS

COL Tim & Jackie Donovan, USA (Ret.) '62
Tim '67 & Karen Horton
Corey P. Touchette

1934 Norwich's oldest living alumnus, **Maurice "Mo" Smith**, celebrated his 106th birthday on July 27, 2017, at home. Staff from the offices of Development, Alumni Relations, and Communications presented him with a card, cake, and an NU 200 compass. Mo entertained the group by telling stories about General Harmon and singing his Theta Chi fraternity song. (See photo.)



CLASS OF 1934 Mo Smith celebrates his 106th birthday.

1956 **Judith Mahoney** writes, "I have fully retired to the Big Island of Hawaii in the town of Kailua-Kona."

1961 On September 10, 2017, **Dom Ruggerio** and **Rob Leskovar '87** met up at the 16th Annual Big Thunder Run hosted by Rolling Thunder Illinois Chapter 1 in Chicago. Dom is VP of the chapter and he and Rob are both active riders. The mission of Rolling Thunder is to educate the public on POW/MIA issues and to support veteran activities. (See photo.)



CLASSES OF 1961, 1987 Dom Ruggerio (left) and Rob Leskovar '87 at the Big Thunder Run.

the moment half a century earlier when they began their Norwich journey. In addition to those present were two classmates in spirit: James "Tripp" Sutherland III and Stephen H. Dawson. (See photo.)

1976 **Anthony "Ort" Ortolano** was honored by Major League Lacrosse on August 3, 2017, by being recognized at the "Legends of Placid Lacrosse" ceremony. A 1972 Rome Free Academy graduate, Ort is the 25th individual to be so honored. Inducted into the Rome (N.Y.) Sports Hall of Fame in 2011, Ort served as the longtime head athletic trainer for RPI before retiring in 2012. He also served as the Legends of Placid Summit Classic tournament director for 27 years before retiring last year.



CLASS OF 1969 From left: Tom Smelstor, Doug Eagan, Ethan Allen, John Mulhern, Ed Hackman, Brendan Garvin, and Phil Boncore.

1969 The class held a mini-reunion at **Ed Hackman's** summer home on Lake Winnepesaukee, N.H., in August 2017. (See photo.)

1970 **Bob Bedell** writes, "All four Dallas-Fort Worth (DFW) area 1970 classmates met on May 20 with three members from the Class of 2020 from DFW, congratulating them for completing their freshman year at Norwich. Of course, many Norwich stories were exchanged. We were updated with current students' perspectives while we related a few events and policies from our student days. Very enjoyable to interact with today's students, 50 years our junior." (See photo.)



CLASSES OF 1970, 2020 From left: Britton Edwards '20, Larry Wesneski '70, Don Crona '70, Bob Bedell '70, Miranda Lloyd '20, Marcelo Maristan '20, and Jim MacAlla '70 in Dallas-Fort Worth.

1977 In 2016, **Pat Tria** and his wife, Anne, visited **Greg Hansen** and his wife, Jan, for a July 4th party on Jackson Lake (Georgia). In October of that year, the Trias purchased a home two doors down from the Hansens. The former rook buddies have enjoyed dinners, boat trips, and other neighborly events together. (See photo p. 41.)

1978 **Gerard "Cogs" Cogliano** writes, "We celebrated my grandson's first birthday with 1978 classmates **Vinnie Passano**, **Kevin Kelleher**, and **Mark Neimic**." (See photo p. 42.)



CLASS OF 1971 From left: Greg May (with rook nametag), Fran Kobylenski, Keith Bronson, Bill Gunning (Frank Gunning's uncle, who dropped him off 50 years ago!), Frank Gunning, Brad Pearson, Joe Perrault, Fred Miller, Stan Burzycki, Bill Clark, Fred Farrell, and John Lemke.



CLASS OF 1977 Neighbors Pat Tria (left) and Greg Hansen.

Ronnie Palache writes, “Wanted to touch base with my beginnings by saying hello to my fellow nursing classmates at Vermont College. Thinking about Sister St. Thomas and Mrs. Ristau. Yes, I flunked out of the nursing program in 1977. Little did I know that my life would be dedicated to the nursing profession. I graduated from VC in 1978. Went on to get my BSN, MSN, FNP, Psychiatric Mental Health NP, and now my DNP. All things are possible in life!”

1979 Jed Rowley was in Houston recently and met up with classmate David Brown, who provided an “absolutely splendid” personal tour of the NASA-Johnson complex where he works. Jed writes, “It was a happy coincidence that the tour was on the 48th anniversary of the first manned moon landing.” The photo was taken in the VIP seats above the historic Mission Control Center. (See photo p. 42.)

1980 For the last seven years, Larry Costa and classmates Craig McLaughlin and Joe McMahon have been getting together in Andover, Maine, during the town’s annual “Old Home Days” celebration, which includes a parade. Larry writes, “I collect WWII military vehicles and we drive them in the parade.” The classmates were joined by NU alumni Linda McMahon VC’79, Zlata Zakharenko ’00, and Bakari Dale ’99. (See photo p. 42)

Left: Submitted Photo; Right: Photo courtesy of Francesca Person

Vincent J. Perrone ’76

PROVIDING VETERANS A NEW WAY FORWARD

WHEN LIEUTENANT COLONEL VINCENT J. PERRONE ’76

was a boy, he wanted nothing more than to be an Air Force pilot. He felt that much closer to his dream when, during a campus visit with his father, he fell in love with Norwich University. “I knew it was where I was going to spend my next four years,” said Perrone from his office in Worcester, Mass. Now retired from the Air Force, he is still very much committed to service, as president and CEO of Veterans Inc., the largest support services agency in New England for veterans and their families who are homeless or at risk of becoming homeless.

At Norwich, Perrone majored in English with a minor in psychology. He enjoyed participating in sports, performing with the Regimental Band, playing rock-and-roll guitar, and acting—a bit—with the Pegasus Players.

Perrone considers Colonel John Wadsworth, commandant of cadets, the most memorable of his Norwich mentors. “He never talked down to us and helped cadets understand where we might be going wrong, and worked with us on how to fix it,” he reflects. “At Norwich, we learned not give up in the face of adversity. No excuses!”

That advice proved mission-critical when, during flight training, young Second Lieutenant Perrone damaged his inner ear, leading to his grounding. The knowledge that he couldn’t fly was a crushing blow. But with Colonel Wadsworth’s words in his ears, he seized the opportunity to pursue a non-flying position.

He became an acquisition officer, working on multi-billion-dollar C4I projects, including the Department of Defense Worldwide Military Command and Control Information System, the precursor to the Internet. He served on the air staff at the Pentagon and was assigned to the Joint Task Force as a logistics officer in preparation for Operation Desert Storm. Later, he helped develop the Presidential Partnership for Peace Initiative, providing security assistance to Eastern European Bloc countries.

Around that time, Perrone learned from a news report that 450,000 veterans were homeless in America, and as many as 1.2 million veterans slept on the streets on any given night. “That hit me hard,” he said. “To be a homeless person in America is a tragedy, but to be a homeless veteran who served honorably, to me, that was a disgrace. So I promised myself to get involved.”

Reassigned to Hanscom Air Force Base, he learned that some Vietnam veterans had gotten together to start an emergency shelter. He joined them, and in 1993, became the president of the board of Veterans Inc., which opened its doors to nine homeless veterans. “To date, we have helped nearly 80,000 men, women and children,” Perrone said of the agency, which became the first of its kind nationwide to have a women’s program, and later a women and children’s program. Most recently, they opened a level-three clinical stabilization program for veterans and non-veterans struggling with opioid addiction: another first in the nation.

According to Perrone, many of those they serve have a very small network of family and friends, so if they lose a job, or suffer from mental illness, physical disabilities, PTSD, or drug or alcohol addiction, it can lead to homelessness. The non-profit Veterans Inc. can offer services up to two years and has an 80 to 85 percent success rate.

With a “no excuse” philosophy, Colonel Vin Perrone has always found a way to step up, take responsibility and make a difference. —CARLA BEECHER

“He’s had the same intense focus since he was young. What he’s done is remarkable. He’s given veterans and their families who were down on their luck a new way forward.” — Kevin Mercadante ’77, childhood friend to Vin Perrone



Lt. Col. Vincent J. Perrone credits his success to the support of his family: his wife, Debra, and their children, Francesca, Vincent, Ricky, and Samuel ’17 (pictured with his dad on the Hill), who is now in Norwich University’s master of public administration program.





CLASS OF 1978 From left: Vinnie Passano, Kevin Kelleher, Gerard Cogliano, and Mark Neimic at Cog's grandson's first birthday.

1981 John Wrobel writes, "I retired from federal service on June 30, 2017, after 34 years of combined military and civilian service. My career was dedicated to environmental restoration, cleanup, and natural and cultural resource management at the U.S. Army Aberdeen Proving Ground, Maryland. I am retiring to Boston with my beautiful bride of 35 years, Deborah, my children, Billy, Sasha, and Jake, and my grandson Tyler. I will continue to advocate for the environment and ecology of the planet. I can be reached at jwrobel904@gmail.com and look forward to all that New England offers."

1983 Rick Gilligan writes, "We had a great turnout at the Ed Hockenbury Golf Classic this year. It was pretty special because Ed Hockenbury had not been back to his father's tournament in many years. He enjoyed reconnecting with the attendees, in particular the foursome of **Rick Pembroke '85, Packy McGraw, Dan Roche '86**, and myself. Ed is an associate AD at UVM, so he's done very well within college athletics." (See photo.)

1984 Robert Forrester '84, M'06, M'08 & P'18 writes, "After 20 great years in Manhattan, I recently retired from Bank of America/Merrill Lynch and have accepted a position as an attorney within the U.S. Air Force Legal Operations Agency at Maxwell AFB (Alabama). My wife

and I purchased our dream home (28-acre horse farm) on the outskirts of Prattville, Ala., where we look forward to many years of peaceful country living with our children/grandchildren."

In May 2017, **George Fuller** was elected mayor of McKinney, Texas, a city of 168,000. A commercial property developer and custom homebuilder, George won with 59 percent of the vote in a three-way race. One of the fastest-growing communities in America, McKinney is part of the Dallas-Fort Worth metroplex.

1985 Sacramento Police Dept. Sergeant **Jim Magee** sent in a photo of himself and Officer **Gaetan McVane '12** working the graveyard shift in downtown Sacramento. (See photo p. 43.)

A retirement party was held last June for FBI Supervisory Special Agent (SSA) **John A. Rapsis** at Maggiano's Restaurant in Tysons Corner, Va., honoring his 33 years of Federal Service. In attendance were several Norwich grads with whom John works with on a regular basis, including classmate **Bruce Gourlie, ASAC, FBI New York, Clem Hourican '84, Ret. USSS, now Pentagon Force Protection, Aaron Danis '84, Deputy, Future Operations, National Counterterrorism Center (NCTC), and Jessica Ulmer '07, FBI SSA-CTD, at NCTC.** John writes, "Much like Cincinnatus and Dwight Schrute, I will be returning to manage the family beet farm in Hancock, N.H." (See photo.)



CLASS OF 1979 Jed Rowley (left) and David Brown at NASA.

1987 U.S. Army Col. **Paul Melanson, Maj. Tim Vandeventer '03, Col. Shane Morgan '94, Capt. (Ret.) Dave Roy '97, and Maj. Chris Hoffman '94** attended the Massachusetts Army National Guard Redleg Ball in April. Shane was the keynote speaker and took command of the 1st Brigade, 10th Mountain Division at Fort Drum in spring 2017. (See photo p. 44.)

1989 U.S. Navy Capt. **Lawrence D. Hill Jr., Judge Advocate General's Corps**, was relieved as commanding officer, Region Legal Service Office Mid-Atlantic, at a change of command ceremony held May 23, 2017, in Norfolk, Va. Lawrence's next assignment is Staff Judge Advocate, USNA, Annapolis, Md. (See photo p. 44.)

1992 **Jon Donigan** retired from the Marine Corps as a lieutenant colonel on



CLASSES OF 1979, 1980, 1999, 2000 In tank: Craig McLaughlin '80 (top), Joe McMahon '80 (left hatch), and Larry Costa '80 (right hatch). Standing (l-r): Linda McMahon VC '79, Zlata Zakharenko '00, Bakari Dale '99, Anastasia and Viktoria Dale, and Nanine Costa.



CLASSES OF 1983, 1985, 1986 From left: Rick Gilligan '83, Rick Pembroke '85, Ed Hockenbury, Packy McGraw '83, and Dan Roche '86.



CLASSES OF 1984, 1985, 2007 From left: Bruce Gourlie '85, Clem Hourican '84, John Rapsis '85, Aaron Danis '84, and Jessica Ulmer '07.



CLASSES OF 1985, 2012 Jim Magee '85 (left) and Gaeton McVane '12 in Sacramento.

August 31, 2017, after more than 25 years. Jon, his wife, Christina, and daughter Kara live in West Kingston, R.I. Jon is now an associate professor at the U.S. Naval War College.

1994 Navy Capt. **Phil Brock** took over command of Naval Air Station Corpus Christi (NAS CC) at a change of command ceremony on July 20, 2017, at the air station's Wings Auditorium. Brock was previously the NAS CC's chief of naval operations.

1995VC The Punta Gorda-Charlotte County Continuum of Care, led by **Angela (Nowill) Hogan**, has ended homelessness among its veterans, according to the United States Interagency Council on Homelessness (USICH), Department of Housing and Urban Development, and Department of Veterans Affairs. A ceremony to commemorate the USICH designation was held last April at the Veterans Memorial Garden in Laishley Park in Punta Gorda, Fla.

1996 **Mike Smith** was joined by Hotel Co. rook buddies **Steve Hurst** and **Trevor Hough '95** after his frocking to captain, USN, at the Navy Memorial and Naval Heritage Center in Washington, D.C., on July 17, 2017. Mike served as Ballistic Missile Defense Branch Chief in the J-5 Joint Chiefs of Staff at the Pentagon. He recently transferred

A Tree Grows at Norwich THE PASSALACQUA FAMILY

LIKE FATHER, LIKE SON.

And daughter, cousin, sister, uncle, niece, nephew, and grandfather. The Passalacqua clan loves Norwich University so much that 12 direct descendants over three generations call themselves alumni. Add in-laws who also attended, and that number grows to 14. Add **Heidi Passalacqua P'15**, who occupies the inimitable position of wife, widow, daughter, and mother of Norwich graduates, and that number reaches 15. This family tree continues to grow and extend.

It all started with patriarchs and brothers **Samuel '54** and **Dominick '55**, who grew up in the small town of Geneva, N.Y. Sam began his college career playing football at Hartwick College, but when the school dropped its football program, he followed his coach to Norwich and Dom joined him.

Norwich Assistant Commandant **Bill Passalacqua '88's** late father, Sam, and his uncle were the first brothers inducted into Norwich's Athletic Hall of Fame for football. "They were honored during my sophomore year in 1985, so it was a memorable and proud moment," he says.

Bill's two oldest brothers, **Sam Jr. '78** and **Gary '79**, also attended Norwich and were attracted to football as well. His sisters, **Ramona Passalacqua VC'78** and **Terri Grenier VC'79**, attended Vermont College of Norwich University.

"I heard my father, uncle, and brothers talk about how special the Wick was, so I thought I'd follow in their footsteps," Bill says. "Norwich transformed me. I found that the commonality of the experience transcends generations: We all had to be followers, walk the gutter, stand in morning formation in all types of weather, move at a rapid pace, be led by our peers, be accountable, have our rooms squared away and our gig line straight, and, eventually, be leaders."

Jerry DuChêne Malpere Passalacqua '15 (Bill's adopted son) earned a psychology degree and works with traumatized youth at a residential home in Berlin, Vt., for Washington County Mental Health. Growing up in Northfield, Jerry chose Norwich for its traditions. "I remember looking at my dad's and grandfather's big class rings and I wanted one myself," Jerry says. "The military aspect of the school also was familiar as my biological father was a Marine and a graduate of Norwich (**Gerald DuChêne Jr. '92** died when Jerry was two), and my dad and grandfather are Army-retired. As a rook, all you can do is clean your room, work out, or study, so you develop habits that help you throughout life. To this day when my mom visits me she is blown away by how clean my apartment is and I think she pats herself on the back that I got so much out of my education," he says with a smile.

As for all the others in the Passalacqua family, there is Heidi's father Col. **Michael Krause '64, USA** (Ret.); Bill and Heidi's daughter **Julia Passalacqua**, a high school senior now taking classes; **Joseph '13** (Gary's son); cousin **Pat "Patsy" '71**, who also was inducted into the Athletic Hall of Fame for football and lacrosse; and **Jennifer '15**, Ramona's daughter.

"Being from a small town and going to a place so far away from home at that time in my life was challenging," said **Gary '79**, who graduated with a degree in business administration. "But the experience with the Corps really helped point me in the right direction."

Bill concurs and said that his training gave him the opportunity to step into leadership roles. "I learned to get things accomplished ... to enforce the standards," he says. "And along the way I learned a lot about myself, the challenges of leadership, and how to build relationships and approach others in a respectful way to make corrections, get their support, and build consensus. Being part of that almost 200-year-old tradition is special, and I think that every one of my family members would agree." —CARLA BEECHER



Passalacqua Patriarchs Samuel '54 (kneeling) and Dominick '55 became the first brothers inducted into Norwich's Athletic Hall of Fame for football.



CLASSES OF 1987, 1994, 1997, 2003 From left: Dave Roy '97, Paul Melanson '87, Tim Vandeventer '03, Shane Morgan '94, and Chris Hoffman '94. (See corresponding Class Note, p. 42.)

and is now a student at the senior course at the Naval War College in Newport, R.I. (See photo.)

1997 After nearly a decade with Amec Foster Wheeler as a senior geologist, **Angela Adams** is now with the Tennessee Department of Environment and Conservation, Division of Water Resources, as part of the Department's Tennessee Valley Authority (TVA) Coal Combustion Residual Material environmental investigation and cleanup team. Angela writes, "My role will be to serve as the lead geologic expert for the investigation and remediation of eight TVA facilities."



CLASS OF 2001 Sylvia Ann Lavoie.

2001 **Matthew Lavoie** and his wife, **Sarah (Beal) '04**, welcomed a baby girl, Sylvia Ann, on June 9, 2017. (See photo.)

2007 Forest Acres Police Officer **Heather M. Champagne** was awarded the coveted J. P. Strom Award for having the highest academic average in her class at the South Carolina Criminal Justice Academy. A student in Basic Law Enforcement Class 656, she graduated on December 2, 2016,

after completing 12 weeks of police training. Heather, who holds an M.A.T. in elementary education from the University of South Carolina, began work at the Forest Acres Police Department in July 2014.

Gene Enriquez recently started working at the embassy in Macedonia. He writes, "Had the pleasure of meeting three Norwich cadets today at Pelopishte Training Area. They participated in the Summer Campus exercise involving a dozen NATO and partner nation military academies. The highlight of their training was a visit to the refugee camps where tens of thousands transited in 2014. CDTs Phelps and Malone will return to the U.S. for USMC training, then Rook Week. CDT Miklos will return to the Military Academy in Skopje. I wish I had opportunities like this when I was at school!" (See photo online.)



CLASS OF 2013 Christopher Patrick Kumpf.

2013 **Rob Kumpf** and his wife, **Amber**, welcomed the arrival of their second son, Christopher Patrick, on May 24, 2017. Rob writes, "Christopher is looking forward to rook arrival day in 2035 as a member of the Class of 2039. Mom and baby are happy and healthy; older brother and dad are adjusting." (See photo.)



CLASS OF 1989 Lawrence Hill receives the Legion of Merit from RADM John Hannink.

2015 **Kyle Vautrinot** and **Caroline Thomas '14** were married September 2, 2017, in Brookline, Mass. In attendance were **Christopher Legge '14** and **Shaili Patel M'17**. Caroline graduated in May 2017 from Boston University with a Master of Divinity. Kyle is a first lieutenant stationed at Fort Hood, Texas, where he serves as the XO of Alpha Company, 303D MI BN. He deployed with his brigade to Afghanistan in October.

2016 Last August, **James Duncan** was sworn in as a Peace Corps volunteer following 11 weeks of training. He will spend the next two years teaching English to Zambian children in grades five to nine with the Rural Education Development program and organizing afterschool clubs to help pupils develop life skills, problem solving, and goal serving.

Cameron Myette recently graduated from the Plymouth County Sheriff Department's Training Academy. (See photo online.)

Tyler Noyes graduated in May 2017 from the full-time Police Academy in Vermont and is now a Vermont State Trooper out of the VSP Westminster Barracks. His parents, **Jim '77** and Sue Noyes, couldn't be prouder!

Darek Wilcox graduated U.S. Army Ranger school on July 14, 2017, attended by U.S. Army Lt. Gen. **Michael Shields '83**. Darek writes, "We took a few photos. Good representation of a young new officer just starting off and a well-established, experienced, and successful officer



CLASSES OF 1995, 1996 From left: Steve Hurst '95, Mike Smith '96, and Trevor Hough '95.

molded at the same institution. Hoping to bring some good PR for Norwich." (See photo.)



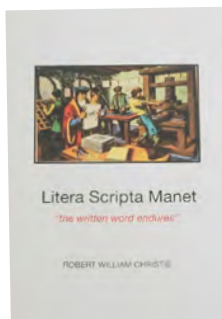
CLASSES OF 1983, 2016 U.S. Army Rangers **Darek Wilcox (left)** and **Michael Shields '83**.



CLASS OF 2017 Jake Apthorpe and friend in Tanzania.

2017 **Jake Apthorpe** recently visited Tanzania on an 8-week service trip organized by Norwich's Center for Civic Engagement and Rotaract. He reports to USAF in Oklahoma in January 2018. (See photo.)

GOT NEWS? Send class notes to alumni@norwich.edu. The deadline for the summer 2018 issue is March 1.

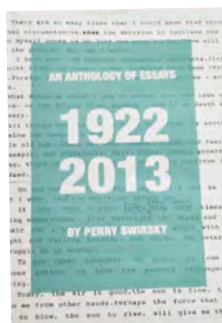


Litera Scripta Manet

ROBERT WILLIAM CHRISTIE '44

Litera Scripta Manet is the latest meditation by Bob Christie '44, a WWII tank platoon commander who went on to become a physician, medical research scientist, and lifelong Episcopalian. In the preface, he writes, "As a man of many interests, I have found writing—especially writing letters—to be a stimulating diversion from the sometimes tedious aspects of my previous professional life." He continues, later in the preface, "I have

found that computers and a latter-day Don Quixote are often quite compatible partners. The attention of newspaper editors, medical and scientific journal editors, and politicians, especially, is often gained through the power of *litera scripta*, the carefully written word." This limited-edition book is available in the stacks of the Kreitzberg Library.

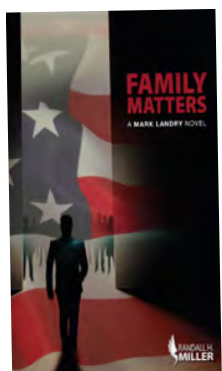


An Anthology of Essays

PERRY SWIRSKY '44

Donated to the Kreitzberg Library by Bob Christie '44—a Norwich roommate of the author—*An Anthology of Essays* is a rare book in its own right. Sent to Christie by Perry's widow, Bette, following his death, the collection is raw in form, largely unedited, and provides a fascinating glimpse into the author's inner world. An underachiever at Norwich who spent weekends on walking tours, Perry nearly flunked out of OCS, "but was

immediately redeemed and celebrated when he singlehandedly accosted, tackled, and subdued a thief stealing from the barracks at Fort Knox," Christie writes. Perry was one of two from the Class of 1944 to win the Silver Star for gallantry during WWII. He wrote this book after retiring to Israel.



Family Matters: A Mark Landry Novel

RANDALL H. MILLER '93 & M'07

In this follow-up to his first Mark Landry novel, *Wrong Town*, Randall H. Miller '93 & M'07 punches this burgeoning series into high gear with *Family Matters*. Five years ago, Mark Landry retired from an exceptional career in special operations and returned home to suburban Massachusetts with the hopes of starting a new life. He now balances his new role as husband and father with a position in the private-security sector—a job that offers

plenty of action and more money than he ever imagined. Life is good. That is, until a deadly encounter with mysterious Russian operators in downtown Boston sets off a chilling plot touched by Beltway powerbrokers, NSA cyber-warriors, and some of the underworld's deadliest assassins.



Borrowed Soldiers: Americans under British Command, 1918

MITCHELL A. YOCKELSON

The combined British Expeditionary Force and American II Corps successfully pierced the Hindenburg Line during the Hundred Days Campaign of WWI in an offensive that hastened the war's end. Yet despite the importance of this effort, the training and operation of II Corps has received scant attention from historians. Mitchell A. Yockelson, a professor in the Norwich University

College of Graduate and Continuing Studies Master of Military History program, delivers a comprehensive study of the first time American and British soldiers fought together as a coalition force—more than 20 years before D-Day. He follows the two divisions that constituted II Corps, the 27th and 30th, from the training camps of South Carolina to the bloody battlefields of Europe.



Oriana's Eyes: Book One of the Great Oak Trilogy

CELESTE SIMONE

As a pure-blood Winglet, Oriana isn't supposed to look at a half-blood much less speak to one, as half-bloods are the lowest in status at Odon's University. But when a half-blood, Dorian, locks eyes with her in the hallway, Oriana can't help but be intrigued by his daring nature. After sneaking out to the garden in the middle of the night to talk to him, Oriana knows she can't let her feelings go. She fears not following Odon's rules, but the more she sees Dorian the

more she wants to break them all. Celeste Simone is in fact the *nom de plume* of our own Celeste Karpf M'14, known to many as Norwich University's senior associate director of admissions.



CHAMELEON 2017

TWENTY-FIVE STUDENT WORKS

The creators of the 2017 *Chameleon* have added another luminescent compilation of creative student work to the Norwich annals. Led by editor-in-chief Kendall Manning '16 and their faculty advisor, award-winning author Sean Prentiss, the *Chameleon* editors pored through submissions to select poetry, stories, essays, and photography that speaks to

the wonder, beauty, and pain of the human condition. In "Echo Taps," Bailey Beltramo '17 draws out the lyricism of Echo Taps in elegant prose, while Hunter Hammond '19 sings praises to his timepiece in "Song to My Alarm Clock," musing that it is "surely better to be woken up by my clock / rather than my cadre." To request copies of the 2017 *Chameleon*, contact Prentiss at prentiss@norwich.edu.

In Memoriam

Ann Turner, Head Librarian Emerita

Intrepid for Knowledge

March 19, 1925 – July 13, 2017



Head Librarian Ann Turner retired in 1990 after nearly 30 years of service to Norwich University.



Head Librarian Ann Turner (left) with the late Dennis Ryan '76 (center) and exiled Russian novelist Aleksandr Solzhenitsyn, who visited the Norwich campus in 1975.

WHEN NORWICH UNIVERSITY HEAD LIBRARIAN Ann Turner announced that she would retire at the end of the 1990 academic year, she told the *Northfield News*, “My first reward will be a trip to Greece.” The intrepid Turner was learning Greek in preparation for the June trip, citing, “I want to be able to read the road signs.”

And on citing, she was unequalled.

Shortly after she joined the Norwich staff in 1961 as a reference librarian, Turner instituted a “program of bibliographic instruction for students—a new concept in the early 1960s,” wrote Paul Heller in the April 1990 *Vermont Library Association News* article, “Ann Turner Retires After Nearly 30 Years.” Heller continued that Turner had to fight to get that program instituted. She also insisted that rooks tour the library as part of their orientation week, saying, “It’s so important to get the freshmen into the library early in their first semester. With the demands of the rook system they need to be reminded that a strong emphasis on academics is paramount for success at Norwich.”

Originally from New York, Anna Josephine Bessarab graduated at age 19 from Skidmore College and went on to earn a Master of Library Science at Columbia University. She was working as a reference librarian at Dartmouth College when she met George Turner, a Navy veteran of World War II who was completing his studies in English literature at Dartmouth. The two married and began their honeymoon at Fenway Park. George went on to pursue advanced degrees in education; it was his professional path that brought their young family to Norwich University in 1959, when he joined the English department. The Turners were poised to become, as we say today, a power couple.

In her early years at the library, located in today’s White Chapel, Turner recalled that the members of the small, dedicated staff wore many hats. Hired to do reference work, she also processed interlibrary loans, checked in government documents, and supervised circulation.

“Research was her passion,” reads Turner’s obituary, “and her ability to identify and acquire resources contributed significantly to academic life at the university.” During her early tenure she was a driving force behind the creation of the Friends of the Norwich University Library, and under her leadership the organization grew to more than 300 members. In 1974, she was promoted to Head Librarian. She wrote extensively and testified before Congress in advocacy of college libraries, writing in the *Journal of Academic Librarianship*, “In a state as small as Vermont, each college must develop its own special collections and share them with its neighbors. In that way, students can live on small campuses, in close contact with their teachers, and still have a wealth of research material available.”

She would go on to receive the Board of Fellows Medallion alongside her husband in 1984, as well as an Honorary Doctorate of Humane Letters from Norwich. At the time of her 1990 retirement, plans were under way for today’s Kreitzberg Library, and she told Paul Heller that seemed like good timing for her retirement, saying, “I really did not want to plan a library that others would have to live with.” She became Librarian Emerita, a title she retained until her death at age 92. – *Jacque E. Day*

ROLL OF HONOR

The following list reflects notifications of deceased Norwich family members received by the university from July 13, 2017, through October 23, 2017. 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 877-631-2019, or inmemoriam@norwich.edu.

ALUMNI

1944 John H. Folger, 89, of Marblehead, Mass., 9/27/2012 – Brother of Philip M. Folger '49

1947 Louis A. Rapa, 92, of Seneca Falls, N.Y., 8/25/2017

1949 Vincent E. Koravos, 95, of Lowell, Mass., 8/10/2017

1950 Charles E. Allen, 89, of Hobe Sound, Fla., 1/25/2014

1950 Charles L. Low, 89, of New York, N.Y., 9/18/2017

1952 Carlton E. Bausch, 87, of Baldwin, N.Y., 9/1/2017

1952 Joseph F. Comelli, 85, of Pompano Beach, Fla., 1/7/2016

1953 COL Michael J. Del Santo, USA (Ret.), 87, of Crofton, Md., 9/7/2017

1955 Adrian W. Grubs, 84, of Greenville, S.C., 8/22/2017

1955 Edward J. Meehan, 85, of Syosset, N.Y., 8/4/2017

1956 Orman A. Holden, 83, of Brattleboro, Vt., 7/6/2017

1956 MG John R. Greenway USA (Ret.), 82, of Northfield, Vt., 7/24/2017

1957 Arthur C. Johnson, 73, of Apex, N.C., 7/1/2007

1957 Joseph J. Kruetz, 82, of Sun City West, Ariz., 6/2/2017

1957 John F. Topham, 82, of Brookfield, Vt., 8/8/2017 – Husband to Carol S. Topham VC'56 and father of Karen E. Hamblin VC'79

1959 Earl C. Ekdahl, 79, of Locust Grove, Va., 6/26/2017

1959 Ronald T. Martin, 80, of Maple Valley, Mass., 11/23/2016

1961 LTC John C. Golden III, USA (Ret.), 77, of Hague, Va., 7/24/2017

1961 Frank T. Lamm, 78, of Brookfield, Wisc., 8/11/2017 – Husband of Bonnie Lamm VC'61

1961 Brian J. O'Connell, 77, of Pembroke, Mass., 9/10/2017

1961 Gordon R. Wilkinson, 78, of Craftsbury, Vt., 7/17/2017 – Uncle of Robert C. Maxham '88

1963 Roger A. Ahrens, 75, of Hudson Falls, N.Y., 9/13/2017 – Brother-in-law to Ellen M. Ketchum '78 and cousin of Norman J. Cardinal '64

1965 Gerald E. Cloutier, 73, of East Hampton, Conn., 7/29/2017

1965 George L. Kozak, 75, of Brockton, Mass., 7/2/2017 – Uncle of Brett Anchukaitis '16

1965 Victor V. Viering, 73, of Canton, Conn., 9/4/2017 – Brother of Warren W. Viering '61

1966 LTC Jay T. Palmer USAR, 73, of Shaftsbury, Vt., 10/8/2017

1967 Joseph L. DiBenedetto, 73, of Gansevoort, N.Y., 10/8/2017

1968 Donald H. Hartford Jr., 73, of Gilbertsville, Pa., 7/22/2017

1971 Francis T. Linder Jr., 67, of Danbury, Conn., 6/27/2016

1972 LTC Theadore J. Mandro III, 67, of Woodridge, Va., 9/7/2017

1972 John C. Newingham, 67, of Pepperell, Mass., 9/28/2017

1975 MAJ Michael J. Rosen, 64, of Holden, Mass., 8/29/2017 – Brother of Stephen N. Rosen '77

1976 Rodney P. Bentley, 64, of Sherman, Conn., 9/12/2017

1984 (VC) Elise G. Harrison, 80, of Santa Cruz, Calif., 7/6/2017

1985 Michael W. Burns, 54, of Rochester, N.H., 9/30/2017

1987 (VC) Elsie E. Thomas, 94, of Hudson, Ohio, 7/21/2017

1999 (VC) Elizabeth T. Testa, 67, of Durango, Calif., 9/7/2017

2003 Jens A. Wiik, 36, of Rochester, N.H., 9/13/2017

M'06 Carl J. Ness, 39, of North Liberty, Iowa, 9/18/2017

FACULTY, STAFF & FRIENDS

Miriam F. Bonnell, 71, of Winchester, Mass., 3/2/2017 – Wife of Bruce J. Bonnell '63

Donald L. Faust, 87, of Boyertown, Pa., 9/15/2017 – Friend of the University

David C. Genaway, 80, of Charlotte, N.C., 8/28/2017 – Former Staff

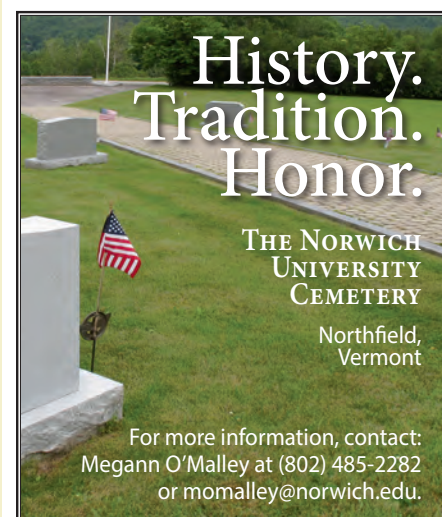
Phyllis W. Harrington, 67, of North Pomfret, Vt., 7/30/2017 – Wife of CPT Robert S. Harrington USA (Ret.) '70

Roderick W. LaValley, 83, of Northfield, Vt., 7/10/2017 – Former Staff

Cindy L. Loefstedt, 55, of Bedford, N.H., 7/31/2017 – Wife of Paul C. Loefstedt '82

H'01 Ann J. Turner, 92, of Randolph, Vt., 7/13/2017 – Librarian Emerita (served 1961–1990) and widow of George R. Turner, Professor Emeritus H'01

Catherine P. Wilkinson, 79, of Craftsbury, Vt., 5/10/2017 – Wife of the late Gordon R. Wilkinson '61



A Life's Legacy of Teaching

PROFESSOR MICH KABAY

When Professor Michel “Mich” Kabay joined the faculty of Norwich University’s Computer Security and Information Assurance (CSIA) program in the weeks before September 11, 2001, he was already a world-renowned expert in network and computer security. The self-professed enemy to hackers also proved to be a gifted teacher. Reflective of the thought and care he puts into his teaching, Kabay penned an essay, “On a Life of Teaching,” nearly a decade ago. We are delighted to share these excerpts.

On the Privilege of Teaching

Why do we professors willingly reduce our income to less than our graduating IA seniors earn in their first jobs? I think it’s a form of addiction. I think that a committed teacher gets such a rush seeing someone *get it*, after struggling with an idea or a technique, that many of us are willing to pay for the privilege of teaching. Most of us spend as much time and derive as much satisfaction from helping a D student become a C student as we do from watching an A student spread her wings and accomplish work worthy of publication. I have personally spoken to colleagues about seeing a student who walked into my office with his shoulders hunched, leave with a spring in his step because he feels better about himself for having understood something.

On Celebrating Mistakes

In over 50 years of teaching, I have never once knowingly embarrassed or humiliated a student in class or in private. On the contrary, I emphasize that making mistakes is perfectly normal. I make mistakes all the time, and announce them loudly so people will correct any misinterpretations I may have caused. When I ask questions in class, I encourage hesitant students who may have been abused by thoughtless or cruel teachers by saying, “Look—I don’t care if you make a mistake—I just want you to think and try to answer.” The students realize that I’m serious and they stop worrying about what *they* think of as sounding foolish. Many other teachers emphasize the same point to their students: I’ve heard colleagues say reassuringly, “It’s okay—there’s no such thing as a stupid question! Perhaps by asking your question you are helping others who haven’t thought of that particular point or who haven’t yet learned that it’s safe to ask for clarification.”

On the Value of Kindness

I explicitly insist on including values in everything I teach. My students learn about attention, critical thought, integrity, honesty, and kindness. They often hear comments about preparing for job interviews, for example: “If an interviewer uses a word you don’t know or don’t understand, say so right away. Never pretend. Never make stuff up. Anyone can learn, but a pretentious fool is a terrible employee.” I stress the importance of thinking about what we say and write: it might end up on the front page of a newspaper. And every cruel word of contempt or abuse is an opportunity lost for human kindness. I so much enjoy the friendships I have made professionally by responding courteously to requests for help over the years; it’s one of the reasons I won’t print a critical book review—I send my comments to the author but not to the publisher. I think that discussing such attitudes (and many others) is part of every teacher’s responsibility.

Devoted teachers help people learn. It’s as natural as breathing. I hope that some of you will enjoy taking those deep breaths someday.



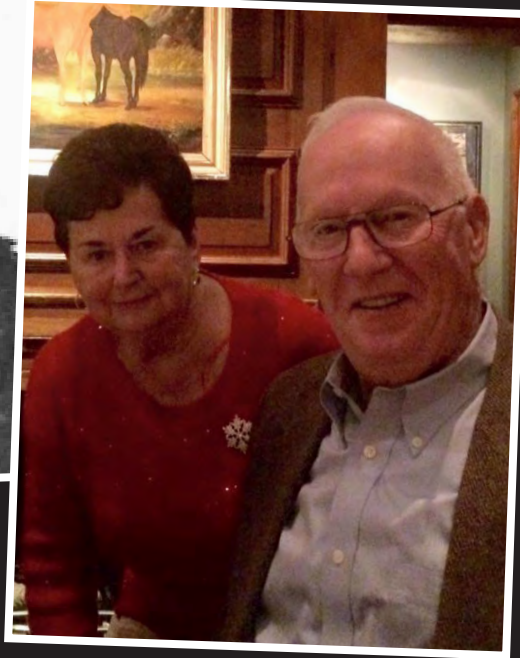
Professor Mich Kabay.



Akshay Awasthi '17 (left), of New Delhi, India, first arrived on the Norwich campus as a two-month scholar-in-residence to work alongside Kabay (right). Afterward, Awasthi decided to transfer to Norwich to complete his undergraduate studies, and in 2017 was one of five students to win a national award for developing a tool to combat violent extremism.

Find the original essay, “On a Life of Teaching,” at mekabay.com/opinion/teaching.pdf. 🌟

What Will Your Legacy Be?



With a simple gift, you can make a transformational difference in the future of Norwich.

The legacy of COL Tim Donovan '62, a Norwich cadet, decorated U.S. Army veteran and former Commandant of Cadets is enduring. It has been carried forth by his daughters, Kristen M. Donovan '84 and Kimberly A. (Donovan) Trischman '92.

In September, 2017, COL Donovan and his wife Jackie joined the 1819 Circle, the Legacy Society of Norwich University. Their gift is a lasting legacy to their values and a shared vision for Norwich University that will continue our work far into the future.



Class of 1962 55th Reunion

Making a planned gift is easy. If you are celebrating your 55th reunion or greater, planned gifts count toward your class giving total. To make a gift, or to learn more, please contact Norwich's Planned Giving office or visit www.norwichgiftplans.org



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NORWICH UNIVERSITY®

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Upcoming Events on the Hill

WILLIAM E. COLBY MILITARY WRITERS' SYMPOSIUM April 11–12, 2018

**"Won the War, Lost the Peace:
The U.S. Legacy in Iraq"**

You're Invited:

Norwich alumni veterans of the conflicts in Iraq are invited back to campus to attend the symposium and share their insight and experience with our students.

Colby@norwich.edu or **colby.norwich.edu** for more information.



January 20	Residence Halls Open	Campus
January 22	Classes Begin	Campus
January 26-28	Youth Leadership Conference	Campus
January 31-February 1	NU Experiences	Campus
February 1 (6:30-8:00)	Class of 2018 100's Night	Plumley Armory
February 8 (5:30-7:30)	Abare Academic Excellence Dinner	Plumley Armory
February 14	Mayo Ball	Mayo Health Center
February 15 (9:00-5:00)	Blood and Bone Marrow Drive	Plumley Armory
February 22-25	Military Band Festival	Campus
February 23-25	Youth Leadership Conference	Campus
February 23	School of Architecture + Art Lecture Series: Elinor Bacon	Chaplin Hall Gallery
March 6-7 (10:00-2:00)	Class of 2018 Grad Finale	Milano Ballroom
March 9-18	Spring Break	Travel Safely
March 19	Classes Resume	Campus
March 23 (4:00-5:00)	School of Architecture + Art Lecture Series: Sarah Sentilles	Chaplin Hall Gallery
March 23-24	Spring Open House	Campus
March 26 (4:00-7:00)	College to Career Series: Employer Information Session	Plumley Armory
March 28-29	CSI Symposium	Milano Ballroom
March 30-April 1	Youth Leadership Conference	Campus
April 20-22	Junior Weekend	Campus
April 24 (1:30-3:30)	Tri-Service Awards Ceremony	Plumley Armory
April 28-29	The Chris Munn Rugby 7s Tournament	Sabine Field

To learn more about these and other exciting events, contact the Alumni Office at 877-631-2019 or alumni@norwich.edu, or visit norwich.edu, alumni.norwich.edu, and norwichathletics.com.

NORWICHRECORD

THE ALUMNI MAGAZINE OF NORWICH UNIVERSITY

WINTER 2018

