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Jenna Langhans '13, this year’s Edward Villella Fellowship recipient, performs in the new Henle Dance Pavilion during the building’s dedication ReUnion Weekend. For more see pg. 6.
(Courtesy of Niki Rossi Photography)
Living pollution: Invasive species could foul the Adirondacks

The 6.1 million-acre Adirondack Park—larger than Yellowstone, Yosemite, Grand Canyon, Glacier and Great Smoky Mountains combined—faces a growing threat. Invasive species are moving into the area, bringing with them the potential for serious environmental and economic degradation. The work of Union professors, students and alumni, however, could help mitigate the impact of these living polluters.

The College Plot: A Resting Place of Union history

Four blocks from campus in Vale Cemetery, the College Plot is a record of our history.
A Local and Global Union

THERESE A. MccARTY, PH.D.

Union College has a long and distinguished history of bringing together educational features that might seem to be at odds with each other: a Union education is broad and deep, emphasizing disciplinary and interdisciplinary education; the Union community is historic and innovative; Union students learn to think and to act.

The 2013 Strategic Plan, affirmed in May by the Board of Trustees, gives new emphasis to bringing together another set of seemingly disparate elements: local and global perspectives.

President Stephen C. Ainlay has made leveraging our location a significant priority, emphasizing the potential of our proximity to the Adirondacks, the Mohawk and Hudson rivers, Tech Valley, and the state capital, as well as our location in a revitalizing Schenectady. This potential has been realized through the College’s Adirondack initiative and strong regional partnerships.

At the same time, international education remains an integral feature of the Union experience, with continued support for successful long-time programs and the development of new opportunities for study abroad. The student body is becoming more global; the percentage of international students has doubled in the last three years, reaching 8.5 percent for the Class of 2017.

How can local and global perspectives be brought together? We’ve all heard the adage “Think Globally, Act Locally,” made popular by the environmental movement’s advocacy for individual and community action. Study abroad certainly supports this imperative as students come into contact with perspectives that they carry home. At Union, some students find that they “Think Locally, Act Globally,” discovering that effective action on a global level can be supported by strong knowledge of how local institutions and communities work. By fostering their engagement with our region, Union seeks to nurture in students a more global level of involvement.

Our region has much to offer the student who wishes to make a difference for others globally. For environmentalists seeking preservation of wild lands, the history of the Adirondack Park matters. For women seeking suffrage and other fundamental rights, the history of the women’s movement in upstate New York matters. For people trying to escape bondage, the history of the Underground Railroad and the abolitionist movement matters. For those seeking to understand the history and culture of indigenous people and their relationships with foreign settlers, the history of the Iroquois nations matters. For people seeking technological advancement and economic development, the history of industry, transportation, and immigration in upstate New York matters.

The cover story of this issue—about invasive species—highlights the importance of international and local thought and action. Effective prevention and management of invasive species requires an understanding of international transmission, but local measures to deal with the problem can have impact internationally.

As the Union community redoubles its efforts to link the local and the global in meaningful ways, you can help. Please write to me at mccartyt@union.edu with your stories and observations. How did your study abroad experience change your perspectives and actions at home? How has your understanding of “home” affected your actions globally? How do national and international policies and organizations affect local or regional experience and vice versa. I look forward to hearing from you.

Therese McCarty is acting president through Dec. 31, 2013 while President Stephen Ainlay is on sabbatical. She is the Stephen J. and Diane K. Ciesinski Dean of the Faculty and Vice President for Academic Affairs.
HENRY AND CLARA

I was fascinated by the article in the back of the spring magazine, on Henry Rathbone, Class of 1857. As I’m sure others may have already mentioned, Rathbone’s story was the subject of Henry and Clara, a well-regarded novel by Thomas Mallon (who didn’t go to Union, he went to Brown). Just thought it was worth mentioning again. Keep up the good work.

Carl Rosenstock ’69
Brooklyn, N.Y.

ONLINE SPECIALS

There’s more great Union content at www.union.edu/magazine. Jessica Mindich ’92, for instance, is turning weapons into jewelry. Bracelets in her Caliber Collection are made from guns and bullet casings seized by the Newark Police Department.

FOLLOW US ON FACEBOOK

Join the fun and conversation on the alumni Facebook page. It’s got everything you need—campus news, ways to get involved at Union, photos of your friends at great College events. Check it out! Visit www.union.edu/alumni and click on the Facebook icon.

A NEW STRATEGIC PLAN

In May, the Board of Trustees affirmed the College’s 2013 Strategic Plan, which renews our commitment to priorities that will maintain Union’s leadership in innovative, interdisciplinary, higher education. Visit www.union.edu/offices/president/publications to learn more.

CHECK OUT THE ALUMNI SPEAKER SERIES

The Alumni Speaker Series, a forum for alumni to share professional experiences with students, started in 2012. Thus far, it has featured speakers covering topics from social justice to film production to sports medicine. Join us on campus when we hear from:

Dr. Kathy Magliato ’85
Union College Trustee, director of Women’s Cardiac Services at St. John’s Health Center (Calif.)
Oct. 10

Kevin Flike ’06
U.S. Army Special Forces veteran, Purple Heart recipient
Nov. 11 (Veteran’s Day)

Ed Lonergan ’81
CEO of Chiquita Brands International, Inc.
(Date TBD)

For more information, email alumni@union.edu
Civil rights advocate urges graduates to “get in the way”

Nearly 50 years after he helped organize the historic march on Washington, a defining moment in the Civil Rights movement, U.S. Rep. John Lewis urged members of the Class of 2013 to “find a way to get in the way.”

“You must leave here and get in trouble,” said Lewis, a 13-term congressman from Atlanta who, at age 23, was a keynote speaker at the march in August 1963 where Dr. Martin Luther King Jr. gave his iconic “I Have a Dream” speech. Lewis is the last surviving speaker from the march.

“You must get in good trouble, necessary trouble,” he continued. “You must help change America; you must help change the world. With your degree, you are prepared to go out there and speak up and speak out.”

A total of 472 students received their degrees during the College’s 219th commencement on Hull Plaza Sunday, June 16.

In a 19-minute speech that was part sermon, part history lesson, Lewis recounted growing up as the son of sharecroppers in Alabama, where he attended segregated public schools and became inspired by the words and deeds of people like King and Rosa Parks.

He also shared the defining moment, when, in March 1965, he helped lead hundreds in a peaceful march for voting rights across the Edmund Pettus Bridge in Selma, Ala. In what became known as Bloody Sunday, marchers were met by Alabama state troopers with billy clubs and tear gas. Lewis suffered a fractured skull in the violent confrontation. The televised images of protesters being beaten jolted the nation and were the catalyst for the passage of the Voting Rights Act several months later.

Lewis told members of the class to be bold, courageous and daring as they embark on the next part of their own journey.

“Be a headlight, not a taillight,” he said.

“The world is waiting for you. The 21st century is waiting for you. When you leave, don’t just walk with the wind. Walk with the spirit of history and walk and live with the spirit of Union College.”

Lewis, who received an honorary doctor of laws degree, was introduced by Melinda Lawson, senior lecturer of history. Each year, students in Lawson’s class, The Civil Rights Movement, are assigned to read Lewis’s autobiography, Walking with the Wind: A Memoir of the Movement. The book is also required reading for those who participate in the Civil Rights Public History Mini-term, a nine-city, seven-state tour follow-
ing the path of the movement
Lawson leads each December.

Also receiving an honorary
degree was Clifford J. Tabin,
professor and chairman of
the Department of Genetics
at Harvard Medical School.
Considered one of the world
leaders in developmental
biology, Tabin was nominated
by Nicole Theodosiou Napier,
an assistant professor of
biology. The recipient of
numerous honors and awards,
including the National
Academy of Sciences Award
in Molecular Biology, Tabin
received an honorary doctor
of science degree.

In his charge to the
graduates, President Stephen
C. Ainlay cited a number of
their accomplishments. He
reminded the class to embrace
Lewis’s commitment to social
transformation, and voiced
the hope that Union helped
facilitate an internal transfor-
mation.

“All evidence suggests that
your class, the ‘great’ Class of
2013, has already translated
inner convictions into actions
and that you have and will,
indeed, make the world a
better place,” Ainlay said.

In recalling Lewis’s march
across the bridge in Selma on
a Sunday in 1965, student
speaker Kadiatou Tubman
reminded her classmates of
their own journey.

“We know that one Sunday
can change so many lives as
well as the course of history,”
said Tubman, a history major
with a minor in Africana
Studies from Far Rockaway,
N.Y. “And today, we are
changing the course of history
on this Sunday. We, as a class,
are living proof that bridges
can and will be built, and they
will be crossed for a better
tomorrow.”

Two members of the Class
of 2013 received public
recognition: Class valedictorian
Meredith Adamo, a biology
major with a minor in anthro-
pology from Oneonta, N.Y,
and salutatorian Ceillie Clark-
Keane, an English and classics
major from Whitehall, N.Y.

Also acknowledged at the
ceremony was Sean Murphy,
a psychology major who died
in a car crash in March. His
parents, Stephen and Coreen,
were presented with his
degree posthumously.

For more on Commence-
ment, including the full text
of speeches and a list of all
graduates, visit www.union.
edu/news

A three-foot tall bronze
cast of “The Shade”
by Auguste Rodin
adorns the lobby of the
Henle Dance Pavilion.
Cast from studio plaster
using the cire perdue
(lost wax) method, it was
inspired by Dante’s The
Divine Comedy and
originally composed circa
1886 as part of Rodin’s
The Gates of Hell. It was
donated by Leslie and
David Steiner in honor of
Courtney ’12 and Rachel ’14
Steiner.

Members of the Union
community co-host a
Pride Walk to raise
awareness of LBTQ
concerns in Schenectady
County.

IBM leader Steve Mills ’73
discusses information technology, and its
past, present and future. Mills is
senior VP and group executive of
software and systems at Big Blue.
Henle Dance Pavilion dedicated at ReUnion 2013

In the fall of 1969, the late Gail George, a dance therapist and the wife of Carl George, professor emeritus of biology, taught a weekly class in modern dance in Old Chapel. The non-credit course informally launched modern dance instruction at Union.

The Arts Department later offered a dance practicum for credit in 1972-73, but it wasn’t until 1984 when the College introduced “The Dance Experience,” the first regular credit course offering both dancing and classroom work.

Nearly 30 years later, the College’s dance program took a major step forward with the addition of the Henle Dance Pavilion. Adjacent to Yulman Theater overlooking Jackson’s Garden, the $3 million, 7,000-square-foot facility is the new home for classes, rehearsals, workshops, performances and other events.

The pavilion was dedicated June 1 as part of ReUnion, the annual celebration of Union’s graduates.

“This building is not just about dance,” said President Stephen C. Ainlay. “It’s about chemists who want to dance, it’s about political scientists who want to dance, it’s about engineers who want to dance. This space will help us attract the kind of students that Union thrives on.”

Designed by architect Jim McKinney, the pavilion replaces the current 1,200-square foot studio in Visual Arts with a 2,200-square-foot dance studio and 1,000-square-foot lobby that will double as rehearsal space. It also includes a costume shop, faculty offices, meeting rooms and gallery.

Under the direction of world-recognized dance expert Miryam Moutillet, Union’s dance program enrolls nearly 150 students each term, many of whom combine a dance minor with majors in all fields.

“Dance can take flight at Union for years to come,” Moutillet said in thanking longtime College benefactor David L. Henle ‘75 and his wife, Joan, who provided the lead gift for the building. Henle, the head of DLH Capital, a family investment firm, has been a Union Trustee since 2004.

Since he first came to Union 42 years ago as a student, Henle said the College has played a pivotal role in his life’s journey. When he became aware of the dance program’s need for a modern facility, he wanted to help.

“Steve Jobs said it best,” said Henle. “What makes us great as a country is our imagination and our creativity. The arts are our soul.”

More than 1,500 visitors enjoyed ReUnion, which ran May 31–June 2. Besides traditional favorites like the Alumni Parade, a grand fireworks show, and the Empty Bowls Project, in partnership with the Kenney Community Center, hosts an event to raise money and awareness in the fight against hunger in the area.
display and the Gala Dinner, visitors helped celebrate the “You are Union” campaign. The largest and most comprehensive fundraising campaign in the College’s history, the campaign raised more than $258 million, topping its goal of $250 million.

In addition, Alumni Gold Medals were presented by the Alumni Council to Clifford Mastrangelo ’63, retired senior leader of Bell Atlantic Yellow Pages and PDC; David Breazzano ’78, Union trustee and president of DDJ Capital Management; and George Bain ’73, co-treasurer for the board of directors at Paul Robeson Performing Arts Company. John Garver, professor of geology, received the Faculty Meritorious Service Award.

Nearly 450 students took part in the 23rd annual Steinmetz Symposium May 10, which showcases undergraduate research at Union.

Classes were canceled to allow parents, faculty, staff and students to sample projects from every discipline, including 215 oral presentations and 45 poster presentations. Nearly 200 additional students were involved in a dance performance, two musical concerts, an art exhibit and other activities.

Perhaps the most unusual setting for a presentation began on the steps of Memorial Chapel, where Amy Golinker ’13 provided listeners with an authoritative talk on “Union 365: Surprising Architectural Connections.”

With her advisor, President Stephen Ainlay, Golinker led a mini-walking tour of campus, sharing anecdotes about the College’s rich history.

Her talk was part of an ongoing project spearheaded by Ainlay and Ben Engle ’12, which will evolve into a book featuring daily facts highlighting Union’s connections to historical events and people. The book will be given to first-year students.

Other highlights included excerpts from “Circling Beginnings,” this year’s Winter Dance Concert, performed by students; the presentation of the 2013 Edward Villella Fellowship in dance to Jenna Langhans ’13, and the annual Visual Arts Student Art Exhibit.

Steinmetz Symposium coincided with Prize Day on May 11 in Memorial Chapel. Students were honored for achievement in academics, research, service and governance. Among the top awards given were the Josephine Daggett Prize to the senior for conduct and character (Victoria Chee) and the Frank Bailey (1885) Prize, to the senior who has rendered the greatest service to the College in any field (Najiba Keshwani).

For more information and complete list of winners, visit http://www.union.edu/news/
Finally, Messa an employee

Frank Messa ‘73 has worn a lot of hats for Union: benefactor, chairman of the board of trustees, campaign chair, presidential search committee chair and parent, to name a few.

This summer, he added another: employee. Messa is the interim vice president for College Relations, succeeding Steve Dare, who has accepted a position at the University of Rochester. Messa will oversee the College Relations operation—which includes fundraising, alumni relations and communications—during the national search.

His arrival is well timed. Messa takes his new position as the College has just completed the $258 million You Are Union campaign. His main goal is to work with Acting President Therese McCarty, to keep the momentum going during President Stephen C. Ainlay’s six-month sabbatical.

“When a campaign is completed, there is a tendency for people to take their foot off the accelerator,” he said. “But the new Strategic Plan lays out some ambitious programs that will require significant fundraising. Which is where I come in.”

Messa has lists of prospective donors to call. The experience reminds him of his early days as an involved alumnus when he worked phonathons in Hale House.

Who will he call first? Some fellow trustees, he says. “I am the right guy to do this,” he says looking over lists of people whom, he adds, “I know they will take my calls.”

Working within the College has given him a new perspective, he says. As a trustee, he saw the finished product. Now he sees the painstaking process of planning programs, donor events and publications.

“We have some really talented and energetic people working here at Union,” he said. “How else could we have been so successful?”

Messa and his wife, Colleen, live in Saratoga Springs. They have three children, Christopher, Peter and Keri ‘08. Following graduation from Albany Law School in 1976, he joined the Ayco Company, a local tax and financial consulting firm. He retired in 2006 after 30 years with the firm.

Alumnus wins Fulbright

Alex Lieberman-Cribbin ‘12 has received a Fulbright English Teaching Assistantship for Malaysia. The classics and Asian studies major will begin the 10-month assistantship at the end of this year.

“An English Teaching Assistantship provides a wonderful opportunity to increase mutual cultural understanding and communication while empowering students through education,” Lieberman-Cribbin said. “Malaysia, a multiracial and religiously diverse country, has championed ‘education through empowerment’ through their National Education Dialogue.”

Last summer after graduation from Union, Lieberman-Cribbin taught English at a small orphanage in Nepal. After his assistantship, he plans to pursue an advanced degree, possibly a master’s of global health, and to continue to work in Asia.

An English Teaching Assistantship (ETA) places a Fulbrighter in a classroom abroad to provide assistance to teachers of English to non-native English-speakers. The assistants help teach English while serving as ambassadors for U.S. culture.

WAMC Northeast Public Radio’s, “The Media Project,” records in the Nott Memorial with Alan Chartock, president and CEO of WAMC, Rex Smith, VP and editor of the Times Union, and Rosemary Armao, who teaches journalism at the University at Albany.

Robert G. Lippman ‘50 gives a talk, “A Union Man at War,” about his service during World War II, his education at Union and his sports licensing career.
Textile honors alum, technology

A special tapestry, bearing likenesses of SP95 computer chips, was gifted to Union in honor of Paul Castrucci ’56 this spring.

Co-created by Castrucci in the mid-1960s at IBM, the SP95 was the world’s first 16-bit integrated circuit memory chip. The invention, which Castrucci developed with fellow IBM-ers Edward Grochowski, Frank Deverse, Gerald O’Rourke and Robert Collins, lead to an industry-wide paradigm shift.

Heralding the birth of the semiconductor industry as it is known today, the SP95 ushered in the use of integrated circuits, in which all elements—resistors, capacitors and diodes—exist on a single piece of silicon. Gone were the days of using magnetic core memories in computers.

The machine on which the tapestry was woven also has a connection to the evolution of computational technology. The Jacquard loom, invented in France in 1801, based its weave on patterns automatically read from punched wooden cards. Later that century, Herman Hollerith improved on the system, developing a card-reader to expedite the 1880 U.S. census. His machine read the pattern of punches on the census cards and automatically tabulated counts.

Hollerith went on to found the Tabulating Machine Company, which eventually became International Business Machines. Castrucci, who retired in 1988 as manager of IBM’s plant in Essex Junction, Vt., was thrilled the tapestry has important ties to computational history, and that it’s found a home at Union.

“The tapestry represents the leading technology used in computers in 1965, and it’s still being used today. Where ever you have a memory chip, it’s based on the SP95,” Castrucci said. “And it couldn’t be hanging in a better place. The Wold building is a blending of science and art, which is exactly what this tapestry is.”

Displayed in the Wold Center, the tapestry was donated by the Fleming Museum of Art at the University of Vermont. It commissioned the piece, 4-by-6 feet and made of wool, cotton and silver lurex, from Mainstreet Unlimited Rug Weavers.

Paul Castrucci passed away June 23, 2013, shortly after giving the interview for this story. He is remembered on p. 53.
across campus

Bugs keep campus beautiful

In a scene lifted from B-list horror movie, tens of thousands of ladybugs rushed from a crate on a May afternoon.

They were part of Tom Heisinger’s lethal arsenal of insects that feast on destructive pests, dramatically reducing the need for pesticides and insecticides at Union. The manager of Grounds, Heisinger also deploys praying mantids and green lacewing to protect holly, barberry and euonymus plants.

“They clean ‘em up quick,” Heisinger said of the ladybugs, which devour aphids, insects that inflict major damage by sucking sap from plants. “There’ve been times when you can see the aphids on the branches and leaves of the plants, and I’ll put the ladybugs out. You come back in a week, and the aphids are gone.”

The use of beneficial insects on the College’s 120 acres is part of an Integrated Pest Management strategy. IPM focuses on protecting the natural resource base and limits degradation of soil and water quality by severely restricting the use of chemicals.

Heisinger figures he's been unleashing waves of ladybugs and praying mantids at Union for at least a dozen years. He usually goes out two or three times in late spring, when the plants are in full bloom. This year, thanks to a $2,000 Presidential Green Grant he was awarded in November, he’s been able to buy more bugs.

On this particular afternoon, Heisinger released two gallons of ladybugs. Each contained 70,000 insects.

College shares $230,000-grant from Teagle Foundation of New York to create a web-based advising tool to give students a creative approach to designing their academic careers

Emanuel Storch ’16 whips up gourmet dishes like roasted vegetable soup and grilled artichokes in his dorm room. He chronicles his food adventures on his blog, Scratch (http://scratchfood.tumblr.com/).

Union College and the family of the late Professor Howard Sheffer are working together to increase support of the Howard Sheffer ’39 Chemistry Scholarship. Former students wishing to recognize Professor Sheffer’s fine teaching are encouraged to participate in this effort, which seeks to provide a greater level of income for future financial aid.

A gift of $70,000, received this summer, will match any donations from alumni made in honor of Professor Sheffer during the year ahead.

Funds like this help students attend the elite institution that is Union, and enable them to fulfill their dreams. This year’s recipient of the scholarship, first endowed by Marjorie...
Shilpa Darivemula ’13 was the brains behind a community art project that inspired people to publicly share a piece of their bucket list. In June, an eight-foot-tall chalkboard placed at various Schenectady locations encouraged people to complete the sentence, “Before I Die I Want To...”

The idea came from artist Candy Chang, who, after the death of someone close to her, painted “Before I Die…” on an abandoned house in her neighborhood in New Orleans in 2011. The effort got an overwhelming response and has since been replicated in more than 40 countries.

“I wanted to foster a community spirit,” said Darivemula. “The message is to pay attention to life. Time passes by so quickly.”

Engineering students Seamus Feider-Sullivan ’13 and Josh Anderson ’13 designed the chalkboard, while Facilities’ Mike Bruce, Aaron Lagasse and Mike Connelly helped build it and moved it from location to location. Samantha Tyler ’14 oversaw the project when Darivemula wasn’t available.

Darivemula, a biology and Spanish major, received a $500 Intellectual Enrichment Grant, which provides funding to students and clubs for speakers, trips and other activities.

See photos of the board and learn more at www.facebook.com/beforeidieschenectady

Peace scholar helped her village

Growing up in the tiny farming village of Groot-Henar Polder in Suriname, children attend a simple school with little more than classrooms, a few books and a couple of bathrooms. In recent years, a library and a computer room have been added, but Oema Rambharose ’15 knows the lack of amenities presents numerous educational challenges.

When her family moved to the U.S. in 2005 so she could pursue her dream of becoming a doctor, the Suriname village and the people Rambharose left behind continued to tug at her.

“I wanted to do something to help,” said Rambharose, who is majoring in neuroscience, with a minor in French.

She got her chance this summer when she returned home to oversee the construction of a multi-purpose room at her former school. Rambharose is the latest Union student to win a Kathryn Wasserman Davis Projects for Peace award. The $10,000 prize supported her project, “Building a Stronger Community under One Roof.”

In its sixth year, the Davis Projects for Peace encourage today’s motivated youth to create and apply their ideas for building peace.

Ralph Cueva ’13 (China), Lucas Rivers ’15 (China) and Jasmine Roth ’14 (Vietnam) receive grants from the Benjamin A. Gilman International Scholarship Program to help fund their terms abroad.

Union’s newest Minerva Fellows named; they’ll work with social entrepreneurial organizations in Nicaragua, India, Uganda, Ecuador, Cambodia, Sierra Leone and South Africa.
Living

Using a customized garden rake, Biology Professor Emeritus Peter Tobiessen easily pulls invasive curly-leaf pondweed from Collins Lake in Scotia, N.Y. (Photo by Matt Milless)

Above, right: The emerald ash borer, an invasive insect that can seriously damage ash trees, is not yet in the Adirondacks, but has been found in other parts of New York State. (Courtesy of New York State Department of Environmental Conservation)

Right: Eurasian watermilfoil (Courtesy of Lyco trout Environmental)
On a warm, overcast spring day, Peter Tobiessen steadied the redwood canoe he built himself and dropped a customized metal garden rake into Collins Lake in Scotia, N.Y.

“You wanted weeds?” the biology professor emeritus asked, chuckling as he pulled the tool to the surface. “Here you go.”

Like a giant fork with spaghetti twirled around its tines, the rake was covered with loops of stringy aquatic plants, mostly curly-leaf pondweed but some Eurasian watermilfoil too.

It’s evidence of the obvious—Collins Lake is infested, from surface to sediment. Curly-leaf pondweed dominates during spring, milfoil during summer.

On this day, Tobiessen’s canoe seemed to rest atop the plants in water shallower than 15 feet, making a gentle rushing noise as it skimmed over them. And not infrequently, his white paddle dipped into the water only to come out with strands of leafy greenery clinging to it.

Both plants are invasive species, Tobiessen explained. And both are threats to New York’s Adirondack Mountains and Capital Region—and to environments across the country.

Tobiessen, who has been studying aquatic ecosystems since the 1970s, is one of several Union faculty members with invasive species expertise. Their work could be useful on multiple levels in the fight against what many call living pollution.

Why living pollution? Well, perhaps one reason is this: The New York State Invasive Species Task Force reported in 2005 that, nationwide, 18 percent of federally endangered or threatened plants and animals are at risk principally because of invasive species.

What’s an invasive species?
An invasive species, as defined by The Nature Conservancy, is a non-native organism that can harm the environment, human health or the economy.

It’s important to remember, though, that non-native and invasive are not interchangeable. While all invasive species in the Adirondacks and Capital Region are non-native (not from around here), most non-native species don’t damage their adopted homes.

Plants and animals that generations of New Yorkers have grown up with—like...
rainbow and brown trout, and even most apple trees—aren’t native and aren’t problems.

For more perspective, approximately one-third of New York plant species are from somewhere else, according to the Task Force report, but only 10 to 15 percent of these are considered invasive.

They have that distinction, Associate Professor of Biology Jeff Corbin explained, because they are actively invading—expanding their range and their impact.

**Why so bad, ecologically?**

Whether the interloper is a plant, animal or fungus, invasive species are bad because they can dominate habitat and decrease the survival rate of native residents.

In severe cases, organisms especially sensitive to an invader can be almost entirely exterminated. Consider chestnut blight. Caused by a fungus and first discovered in the U.S. about 1900, it decimated American chestnut populations in just decades. Once a dominant component of many New England forests, the tree is now absent from the landscape, Tobiessen said.

Invaders making current headlines, like the Asian clam, haven’t yet caused such a catastrophe, but their presence is becoming ever more noticeable.

"First found in Lake George in August 2010, more than 27 acres of the lake—as of summer 2012—had the Asian clam," said Emily Delaney ’13, while presenting her research during Steinmetz Day in May.

That initial discovery was made, incidentally, by Jeremy Farrell ’03, now a graduate student and laboratory technician with RPI’s Darrin Fresh Water Institute (DFWI).

Together with Associate Professor of Biology Jill Salvo, who is collaborating with DFWI, Delaney is studying molecular detection of invasive freshwater clams and mussels. They’re developing a way to identify Asian clams, zebra mussels and quagga mussels using rRNA markers, as opposed to physical characteristics. The hope is that the method might offer a more complete picture of invader populations.

It’s an important goal in light of that fact that these mollusks reproduce like mad and can alter lakes in unsavory ways.

“Asian clams can release 300 larvae a day during breeding season, and can form dense clusters of 5,000 or more per square meter,” Delaney said. “Although Asian clams don’t attach to surfaces like the more familiar zebra mussel, they can clog pipes and cover sandy, warm, shallow areas with shells.”

In addition to water flow problems caused for industrial plants with intake pipes in lakes, this bivalve can also ruin water quality and habitat.

Their nutrient-rich excrement can stimulate so much algae growth that blue water turns green, according to a Fund for Lake George fact sheet. FLG is one of several organizations dedicated to protecting the well-known, south-eastern Adirondack water body.

Garlic mustard is similarly domineering, in its own way.

“Whether we know it or not, we all see garlic mustard along Schenectady roadsides in spring,” said Corbin, who works with The Nature Conservancy to monitor the plant’s spread along the edge of the Adirondack Park. “It’s present in basically all Northeastern and Midwestern states.”

“Garlic mustard can form dense populations in the forest understory, potentially shading out other plants, including tree seedlings,” he continued. “It has also been shown to exude chemicals through its roots that disrupt the mutualism between trees and beneficial mycorrhizal fungi.”
In this partnership, the fungi get carbon from the trees while the trees get phosphorus (an important nutrient) from the fungi. There’s also evidence that mycorrhizae provide some disease resistance for trees against harmful bacteria or fungi in the soil.

“So far, it has not been demonstrated that garlic mustard can affect mature trees, but there is concern that it could reduce the survival of the next generation of tree seedlings,” Corbin said.

If that happens, the impact—decreased biodiversity—could be magnified across the entire ecosystem.

In general, native animals at the base of the food chain, like insects, need a variety of plants to eat and reproduce on. When their habitat is dominated by one foreign plant (or animal) that has no natural predator to curb its spread, the resulting monoculture makes it difficult for bugs to thrive. This may result in fewer species for larger animals (birds, fish, amphibians, mammals) to eat, which in turn could diminish the number of species living in a given environment.

These biological bullies can also affect people.

“Eurasian watermilfoil can form dense stands impossible to swim through or even penetrate with a motorboat, since the propellers get entangled with the stems,” Tobiessen writes in his new book, *The Secret Life of a Lake: The Ecology of Northern Lakes and Their Stewardship*.

“Collins Lake, in Scotia, N.Y., has lots of weeds—milfoil and curly-leaf pondweed—that are really nasty,” he added during an interview. “We’ve literally rescued people from them when their rowboats have gotten stuck.”

And for the Adirondacks, with its outdoor-dependent tourism industry, something that erodes recreation could be cause for concern.

Just how big a cause for concern it is, however, hasn’t been established.

**Bad for business?**

Data that directly correlate living polluters with economic hardship in the Adirondacks are limited, making it difficult to determine how detrimental invasive species might be to the coffers of people, towns and government.

Corbin, however, is working with The Nature Conservancy to collect this kind of information.

“The conservancy is very interested in developing economic justifications for invasive species control to go along with the biological ones, like biodiversity, that they traditionally rely on,” Corbin said. “It will be a park-wide study, focused on particular segments of the economy.”

“The cost-benefit models we develop may include tradeoffs between the costs of monitoring and controlling invasive species, versus the benefits of monitoring and controlling them,” he continued. “Such benefits might be direct economic boons, like ensuring the continued viability of timber production or recreational use.”

Timber and tourism (recreation) are indeed critical to the Adirondacks. The exact nature of the link between their fiscal health and the presence of usurpers like Asian clams remains to be seen, but the economic value of wood and visitors is nonetheless clear.

According to a 2011 study conducted by Tourism Economics for Hamilton County, N.Y., tourism is more important to the Adirondacks than any other region in the state. It’s a $1.2 billion industry that accounts for 17.6 percent of total
employment in the area. Broken down, Adirondack tourism generated $149 million in state and local sales taxes in 2011, and another $77 million in sales, property and hotel bed taxes.

About $220 million was also produced by the seasonal, second-home market in the Adirondacks. And this is a fact worth noting to Tobiessen.

If weeds like Eurasian watermilfoil “make a lake inaccessible, property values would plummet,” he said. “Lots of folks live and boat on, and swim and fish in, lakes. They prefer clean lakes to polluted ones. If you are a lakeshore property owner, you have a financial stake in keeping your lake clean.”

Similarly, many Adirondack communities have a stake in protecting the local timber industry. According to a February article in Schenectady’s Daily Gazette, it employs as many as 10,000 people.

“Invasive insects like the emerald ash borer and Asian longhorned beetle are big worries,” Corbin said. "Neither is in the Adirondack Park yet, but it is likely just a matter of time."

Smaller than a penny, the ash borer basically eats trees from the inside out. It’s been found south of the park in Albany County, according to the New York Invasive Species Clearinghouse. Albany, one of 13 counties known to have the pest, and 29 others potentially infected, are under quarantine. Ordered by the state Department of Agriculture and Markets, the quarantine restricts movement of regulated materials—firewood, ash nursery stock, mulch—that could hasten the spread of the beetle.

An expeditious killer, the N.Y.S. Department of Conservation notes that most afflicted ash trees die within two to four years. Mortality is nearly 100 percent—over 50 million trees have already been lost nationwide.
A pricey, challenging battle

Mountains of money are spent managing—just managing, not eliminating—these biological bullies.

“Eradication is a misnomer in most environments,” said Will Stevenson ’92, president of Lycott Environmental in Spencer, Mass. “Even if I put 10 people in a field and said, ‘Go pull out every dandelion,’ they wouldn’t get them all, and just one or two is enough to keep the population moving.”

And he would know. About 50 percent of the business Lycott does (it manages lakes, ponds and reservoirs) revolves around aquatic invasive species mitigation.

Lycott Environmental offers surveys of water bodies, and myriad methods to control unwelcome invaders—everything from herbicides and algaeicides to hand-harvesting, benthic barriers, mechanical harvesting and hydroraking. And Stevenson needs every single one of these tools to stay ahead of the problematic weeds.

“These plants are very good at what they do, in terms of taking advantage of their new predator-free homes,” he said. “With curly-leaf pondweed, it starts growing in the fall before the water even freezes, and then when the ice breaks, it shoots up many centimeters per day. The native plants don’t have this kind of strategy and can’t compete with it.”

Milfoil is similarly devious. Pulling this plant apart will actually help it.

“Eurasian watermilfoil is found in many Adirondack Lakes, and each year it spreads to a few more,” Tobiessen writes in his book, The Secret Life of a Lake. “When it becomes established, watermilfoil spreads from fragmentation of stem tips, which float with the wind and then sink to the sediment to establish new populations. Fragmentation can occur spontaneously, or it can be the result of motorboat propellers or wave action.”

Garlic mustard also utilizes some colonization tricks.

“Garlic mustard lives for two years before flowering, setting seeds and dying,” Corbin said. “The manual control strategy used by The Nature Conservancy concentrates on pulling flowering plants in the hopes that the next generation of seeds never forms.”

“This is important because each plant can produce hundreds of seeds, which can live in the soil for over a decade before germinating,” he continued. “Your removal process can fail if you miss even a few plants; and because these seeds can survive so long, new plants will pop up each spring for a long time.”

These talents are partly what make invasive species so difficult—and pricey—to control.

“What people sometimes don’t understand is that it takes decades for lakes to change, so undoing damage
done by invasive species can take years,” Stevenson said. “Even then, because of reproductive patterns or humans’ inability to find every individual, you’re often only at the point where the invasives can be kept in check with annual management.

“And that’s expensive. For a small pond it can cost a few thousand dollars for annual management, up to millions for large water bodies.”

Take Loon Lake in Chestertown, N.Y. (southeastern Adirondacks): Lycott Environmental has been working to manage Eurasian watermilfoil here for about five years.

The majority of this time, Stevenson said, his divers have been hand-harvesting the weed in hopes of getting rid of it. This year, they’ll be targeting milfoil with a granular herbicide as well.

This integrated approach for this small lake, he added, costs $60,000 to $100,000 a year.

At Lake George, management of the Asian clam has meant the expenditure of $1.5 million for just two years of treatment with underwater mats and suctioning, according to a 2012 Albany Times Union article.

Bills like these, sometimes offset by grants or similar funds, are often paid by lake associations and other local organizations, as is the case with Lake George.

Such expenditures are unlikely to end, unless the pests stop turning up. But preventing an invasion before it starts might be even harder than controlling one that’s underway.

How they invade

Today, interstate or international travel is as easy as hopping in your car or boarding a boat or plane. When you come back, if you’re a large company, you never know what’s hiding out in that timber you’re importing to the U.S. Even if you’re a tourist, you never know what’s tagging along on your car wheels or outboard motor.

Recreational boaters, for instance, likely transported the Asian clam to Lake George in bilge water or bait wells contaminated during visits to infested locations elsewhere. Other invasive species have probably taken similar roads.

“New York is a major point of entry for passengers, cargo and mail entering the United States. New York is served by 13 airports, 6 shipping ports and 800 miles of interstate canal systems,” the N.Y.S. Invasive Species Task Force reported in 2005. “Three dozen freight railroads haul 16 percent of the nation’s cross-border trade.”

Monitoring all these pathways, their goods and vehicles is a gargantuan task. It’s simply impossible to inspect every bit of cargo, or every vacationer’s boat entering an Adirondack lake from the Erie or Champlain canals. It’s equally impossible to keep people from buying pretty, perfectly legal, invasive plants from nurseries.

Eurasian watermilfoil, purple loosestrife and curly-leaf pondweed (from Eurasia too) were originally brought to the U.S. for landscaping or as vegetation for fish tanks.

“The beautiful, feathery leaves of milfoil made it an attractive aquarium plant, and we assume that some people grew tired of tending their aquaria and emptied them into a local waterway,” Tobiessen writes in his book. “Curly-leaf pondweed was introduced the same way.”

The infamous purple loosestrife, now common in the Adirondacks, came as an ornamental. Its robust root system and incredible reproductive capacity—a single plant produces up to 2.5 million, long-lived seeds—allow it to dominate wetlands.

“Gardeners can purchase loosestrife from seed catalogs even though the plant is designated as a problematic invasive in most states, including New York,” Tobiessen writes. “Some are sold as sterile hybrids, but such claims have been shown to be false.”

Despite such challenges, people are not twiddling their thumbs while invasive species continue their colonization.

Fighting the usurpers

In the war against living pollution, victory may be improbable much of the time, but it isn’t always impossible.

In March, The New York Times reported that New Jersey declared the Asian longhorned beetle eradicated—more than 20,000 infected hardwood trees were felled and insecticides were used. Two months later, Manhattan and
Staten Island also completed successful campaigns against the insect. While parts of Brooklyn, Queens and Long Island are still dealing with the pest, it’s a start. A start, though, is something Tobiessen doesn’t want other interlopers to get. A long-time summer resident of the Adirondacks, he owns a home on Sacandaga Lake near Speculator, N.Y. And he wants to keep Sacandaga the way it is—free of the nastiest invaders, like milfoil.

“In 2009, our lake association and the town of Lake Pleasant passed the first law in New York State targeting all aquatic invasive species,” he said. “The local statute prohibits the transport of aquatic weeds into our lake. We have only a few boat ramps, so we pay someone to stand there and inspect people’s watercraft before they enter the lake.”

“It’s a law that’s written broadly to offer wide protection,” he added. “Boats are not allowed to be put into our lakes if they have vegetation of any kind on them.”

Additional action is being taken at the local level by other organizations performing direct management of invasive species and/or developing partnerships with other groups to educate the public. According to a July article in the Schenectady Daily Gazette, for instance, the Lake George Park Commission voted unanimously for mandatory boat inspections.

New York State itself is officially beginning to take a stand as well. In June 2012, Gov. Andrew Cuomo signed the Invasive Species Prevention Act into law. It requires the state departments of Environmental Conservation and Agriculture and Markets to develop regulations for the sale, purchase, possession, introduction, importation and transport of invasive species. In addition, the agencies have to create a list of prohibited species that are unlawful to possess with the intent to sell or release into the wild.

Corbin’s own work with The Nature Conservancy, to create cost-benefit models relating to invasive species management, could be beneficial in future regulatory decisions.

“The exciting thing about this project is that it may really help guide public policy by helping justify invasive species management on an economic basis that, so far, has mostly been justified on a biological basis,” he said.

Stevenson and Lycott Environmental, with their hand-harvesting and other management services, also offer useful tools to individuals, businesses and organizations interested in putting these usurpers in their place.

And it’s something Stevenson, who majored in civil engineering at Union, is only too happy to do.

“We’re really working to keep precious resources open and usable for future generations,” he said. “We could turn our
THE ADIRONDACKS AND U

In addition to faculty and student research, Union is building on its historic Adirondack involvement—which dates back to the likes of William Fox (Class of 1860), the first Adirondack Park superintendent—in numerous ways.

• **The Kelly Adirondack Center:** The former home of noted conservationist Paul Schaefer, it includes the Adirondack Research Library and offers prime space for classes, discussions, research and events. The center’s lecture series has recently presented Adirondack folk music, speakers with expertise on a range of Adirondack topics (from policy to history), and Adirondack-themed photography exhibits. Many of the center’s great happenings are featured in its newsletter, “Wilderness, Waterways & U.” Check it out at [www.union.edu/offices/adirondacks/](http://www.union.edu/offices/adirondacks/)—email Becky Schubmehl (schubmer@union.edu) to subscribe.

• **Summer Research Fellows Program:** Launched this year through the Kelly center, it provides students the opportunity to pursue projects related to policy or social matters in the Adirondacks. Promoting discussion of issues impacting the region, and thereby bringing greater attention to the challenges the Adirondacks and its people face, the program is open to students enrolled in undergraduate, master’s or doctorate programs in a variety of fields. The inaugural fellows, each examining different aspects of the tension within the Adirondack Park between economic development and environmental protection, are Samantha Muratori ’14, Laura Johnston (Bard College), and Elias Springer (Vassar College). Learn more at [www.union.edu/news](http://www.union.edu/news).

• **Adirondack Week:** Part of Union’s Adirondack Program, the week-long celebration in May allowed participants to learn about the environmental, political, historical and economic issues in the Adirondack Park. It included a hike up Prospect Mountain in Lake George, a talk by New York State Department of Environmental Conservation Commissioner Joseph Martens, and a guided walk through Reist Sanctuary at the Kelly Adirondack Center. Video highlights of the week are available at [www.union.edu/offices/adirondacks/](http://www.union.edu/offices/adirondacks/).

• **Myriad courses:** Many departments on campus offer classes studying multiple aspects of the Adirondacks, from conservation biology and plant ecology to environmental history and policy making.

To learn more about Union’s past and present Adirondack connections, visit [www.union.edu/offices/adirondacks/](http://www.union.edu/offices/adirondacks/).
College Plot

a resting place of history

BY CHARLIE CASEY

Each year while walking the campus, thousands of visitors see names from Union’s history: Nott, Raymond, Potter, Webster and Jackson to name a few. Little known, however, is that many of the familiar campus names are also on headstones in Schenectady’s Vale Cemetery. The College plot is a record of our history and well worth the four-block walk from campus.

For Union employees, one of the most unusual—and perhaps least discussed—benefits is free burial in the College plot, which sits on a secluded terrace beneath towering pines and oaks. Birdsongs push aside city sounds on the peaceful 3.5-acre site overlooking a small lake in the northwest corner of Vale Cemetery.

The fenced site contains about 200 plots with names from Union history. Three of the College’s Presidents are buried there—Eliphalet Nott (1806-1886), Harrison Webster (1841-1906) and Carter Davidson (1906-1965). Other familiar names include Isaac Jackson (1804-1877), professor of mathematics and architect of the campus garden that bears his name; Jonathan Pearson (1813-1887), professor and administrator whose diaries tell us much about 19th century Union history (including the establishment of the College plot); Edward Ellery (1868-1961), professor of chemistry; Tayler Lewis (1802-1877), professor of ancient languages; and Peter Irving Wold (1881-1945), professor of physics from 1920 to 1945, and his wife, Mary (1881-1967).

Pearson’s diary chronicles a small tempest in the mid-19th century over the location of the campus burial grounds. Some, most notably Urania Nott, preferred a site along the Hans Groots Kill about a half mile east of North College. In 1857, when Vale Cemetery was established, most preferred the Vale site. Nott made the final decision in 1863 when Union sold land to the cemetery and reserved a portion for College use. Pearson, who had already buried a son and a sister in what had become the College plot, described the terrace as “one of the eligible spots on the grounds … [which] will make a handsome plot.”

Robert Wells, the Chauncey H. Winters Professor of History Emeritus, is an authority on changing perceptions of death and the College plot in particular. While researching for his book, Facing the King of Terrors (Cambridge University Press, 2000), he collected stories about a number of campus personalities who rest in the Vale plot. Among them was that of Professor of Greek Tayler Lewis, who mourned the death of a 17-year-old daughter by translating Biblical passages into several different languages. Lewis’ son, Charles, also buried in the College plot, chronicled the assassination of Lincoln at Ford’s Theater.

Above: The grave of Charles Lewis, son of Tayler Lewis, whose Civil War-era diary gave a chilling account of Lincoln’s assassination.
October 11–13, 2013

We look forward to seeing U back!

Homecoming is always a highlight of the fall term for all our returning families, friends and alumni. Join us this year as we celebrate our 90th Homecoming weekend! We have so many fantastic events planned, why not experience them all?

Enjoy classic favorites like our pumpkin-carving competition, pre-game picnic and kids’ carnival, the harvest dinner, and much more. Or catch an exciting game, cheer on our athletes and shout your Union pride from the stands.

The 2013 Homecoming & Family Weekend, Oct. 11-13, will be one to remember. For the most up-to-date schedule and to register, visit www.union.edu/homecoming.
WEEKEND HIGHLIGHTS:

Friday, Oct. 11
- Admissions Open House
- Garnet Guard Luncheon
- President’s Welcome Reception
- Pumpkin-carving Competition
- LGBTQ Reception
- Women’s Hockey vs. Northeastern
- Visit-a-Class
- Volunteer Appreciation Reception
- Men’s Hockey vs. Bowling Green
- Volleyball Tournament

Saturday, Oct. 12
- Dutchmen Dash
- Family Portraits
- Campus Hay Rides
- Pre-Game Tailgate & Family Picnic
- Football vs. WPI
- Men’s Soccer vs. Hobart
- Women’s Hockey vs. Boston University
- Legacy Reception
- Men’s Hockey vs. Bowling Green
- Generation U Social (classes 2004-2013)

For a complete schedule, visit www.union.edu/homecoming

Give us your best shot!
Share your Instagram photos with #UAlumni during Homecoming and you could win a prize.

See you this fall!
Ever wonder what Union professors are up to when they aren’t teaching? Just about everything, as it turns out. Nothing is beyond their collective reach or curious minds. Here’s just a glimpse of the diverse and intriguing work they do.

**Mechanisms as minds**

**John Rieffel**, assistant professor of computer science (With Mark Khazanov ‘15, Ben Humphreys ‘12, William Keat, associate professor of mechanical engineering)

Before a signal even reaches your brain, your fingers can adjust the tension required to lift an object with their tendons. It’s a mechanism (fingers) acting as a mind—a phenomenon called morphological computation that John Rieffel is exploring with tensegrity robots.

Made with only springs and rods, a tensegrity’s shape is maintained through the balance of pushing forces (rods) and pulling forces (springs). Think self-standing tents, these are essentially tensegrities.

In Rieffel’s lab, a tensegrity becomes a robot with the addition of small, vibrational motors, which cause the structure, designed by William Keat, to resonate chaotically.

Depending on the voltage used, this resonance can move the robot forward, sideways, in circles. While it’s difficult to predict which voltage will do what, artificial intelligence techniques are helping Rieffel discover effective motions.

“The significant result is that we’ve made this robot move at all,” he said. “As far as we know, it’s the smallest, fastest tensegrity robot out there, and the only one that moves by vibrating.”

Typical, non-tensegrity robots move deliberately and are built rigidly to house the large, heavy computers that control them. As a result, their weight often limits versatility.

Rieffel’s creation would not be encumbered by such things.

Using just small motors and specific voltages, he hopes to develop a robot that might navigate any landscape. Its light-weight body could respond to obstacles or objects much like your fingers. Rieffel’s tensegrity, still in early research stages, theoretically wouldn’t rely so heavily on computers (minds) to tell it when and how to move.

“By outsourcing aspects of control and locomotion to a robot’s body, we can use a robot’s computational resources to perform more high-level tasks, like tracking objects or detecting survivors trapped in rubble,” he said.

The team’s paper was accepted for publication and presentation at the European Conference on Artificial Life, held this September in Italy.

To learn more, visit http://muse.union.edu/crochetlab

— Erin DeMuth Judd
Nano-porous, solid and very low density, aerogel is made by removing solvents from a wet-gel. It’s used for many purposes, like thermal insulation (on the Mars Rover), in windows or in extreme-weather clothing and sensors.

Together with Brad Bruno, Mary Carroll and others, Anderson is studying the feasibility of commercializing their aerogel fabrication process. A time and money-saver, it could appeal to industries already using aerogel made in other ways.

During rapid supercritical extraction (RSCE), chemicals gel together (like Jell-O) in a hot press; the resulting wet-gel is dried by removing solvents (the wet part). The remaining aerogel (dried gel), is created in hours, rather than the days or weeks alternative methods take.

RSCE, Anderson said, is also approximately seven times cheaper, requiring one hour of labor for every 8 hours the other methods need.

Ann Anderson, Agnes S. MacDonald Professor of Mechanical Engineering
(With Brad Bruno, associate professor of mechanical engineering; Mary Carroll, professor of chemistry)

One day, the Aerogel Team’s novel way of making “frozen smoke” could improve some of our favorite machines (like cars, but we’ll get to that).

“When you hold aerogel it feels like nothing—like frozen smoke. It’s about 95 to 97 percent air,” Ann Anderson said.

A good place for such a process, and Union aerogel, is the automotive industry. “Our 3-way catalytic aerogels promote chemical reactions that convert the three major pollutants in automotive exhaust—unburned hydrocarbons, nitrogen oxides and carbon monoxide—into less harmful water, nitrogen and carbon dioxide,” Anderson said. “Because aerogels have very high surface areas and good thermal properties, we think they could replace precious metals, like platinum, used in current catalytic converters.” Indeed, the surface area of one 0.5-gram bit of aerogel equals 250 square meters. “That’s a lot of surface area for gases to come in contact with, facilitating very efficient pollution mitigation,” Anderson said.

The team’s work has received support from the National Science Foundation, the ACS Petroleum Research Fund and the Union College Faculty Research Fund.

— Erin DeMuth Judd
JAMES BAAR ’49 (CO-AUTHOR)
Trump Card: Holding America’s Enemies at Bay
Self-published

Trump Card chronicles the Cold War development of the Fleet Ballistic Missile System, which launched its first submarine (Polaris) in the late 1950s. It also explores the global strategy of U.S. nuclear deterrence, which has worked for more than half a century, and the perception by some that credibility of this strategy is eroding. For deterrence to work, as in the Old West, the bad guys must not only believe the sheriff’s a sharp-shooter, they must also believe he’ll pull the trigger without a second thought.

DOROTA KOCZANOWICZ,
LESZEK KOCZANOWICZ,
DAVID SCHAUFFLER
Discussing Modernity: A Dialogue with Martin Jay
Rodopi

The work of Martin Jay ’65 spans many important questions concerning the subject of modernity. In this book, Polish scholars engage in a dialogue with Jay’s work, discussing significant problems of modernity and postmodernity. The publication offers a broad panorama of contemporary thought approached from various angles. It also includes an essay on photography by Jay and his detailed response to the other contributors. The book can serve as an assessment of the uptake of Jay’s ideas, and as a general introduction to the genealogy of modernity and postmodernity.

CHRISTOPHER LINLEY
JOHNSON ’77
Unsafe in Human Hands: The Human Stories behind Gun Ownership and Violence in America
The Linley Company

Unsafe in Human Hands describes gun violence challenges in America today, in relation to the country’s historic gun culture. Presenting myths and biases that impede clear discussion, the author strives to improve the quality of national debate surrounding gun control. In presenting possible solutions, the book focuses on people, rather than gun types or magazine capacities, and attempts to humanize the stories of people facing gun violence in America.

Diane rose-soLomon ’88
JJ The American Street Dog
SOP3 Publishing

Maya has wanted a dog for as long as she can remember. Just when her parents decide to buy a dog, her Uncle Jerry finds a homeless puppy that he can’t keep. Although Mom is skeptical about a dog from the street, she agrees to take him in and they name him JJ. Before long, JJ makes his way into their hearts, and Maya and her family learn about homeless animals and how they can help end pet over-population.

ELISSA D. HECKER ’95
In the Arena: A Sports Law Handbook
New York State Bar Association

Edited by Elissa D. Hecker, In the Arena reflects the issues facing sports lawyers today. Topics covered include intellectual property rights and endorsement agreements; the intersection of trademark protection with an athlete’s right of publicity; agency law; a historical and current perspective on doping in sports; Title IX, dental and orofacial safety; and concussions, from a neuropsychological and medical perspective. In the Arena is Hecker’s third book.

Michael P. Mastroianni ’07
Writing Instruction That Works: Proven Methods for Middle and High School Classrooms
Teachers College Press

Writing Instruction That Works answers the following question: What is writing instruction today and what can it be tomorrow? This up-to-date, comprehensive book identifies areas of concern for the ways that writing is being taught in secondary schools. Michael Mastroianni and co-authors offer direction for improving writing instruction that assists both student literacy and subject learning. They provide examples of successful writing practices in each
of the four core academic subjects (English, mathematics, science, social studies/history), along with guidance for meeting the Common Core standards.

**MUHAMMAD MORE ’09**
*More than Quotes, Vol. 1: Success*
*Onward More*

Success is a collection of motivational, inspirational and insightful words from well-known achievers of the past and present. No matter the person you are—student, parent, professional, business owner or entrepreneur working to be better—this book is meant to facilitate personal growth and accomplishment. The author believes everyone has the ability to see their respective definitions of success come to pass.

PLANNED GIFTS

A bequest distribution was received from the estate of Julian M. Gokhale. This gift is restricted to the Shankar Gokhale Prize established by his father, Madhu S. Gokhale, Class of 1927, in memory of his grandfather, Shankar. It is awarded to engineering students also pursuing economic courses and taking part in community service.

A bequest distribution was received from the estate of Paul R. Jacobson, Class of 1970; the proceeds restricted to the W.R.U.C. Fund, Union’s radio station. Paul worked on the radio station as a student at Union.

An unrestricted bequest distribution was received from the estate of Shirley Nogee, Schenectady resident and friend of the College.

A trust distribution was received from the estate of Naomi Chambers, to be added to the Walter R.G. and Naomi Baker Scholarship in support of students studying engineering, science or mathematics. Mrs. Chambers was the widow of Walter R.G. Baker, Class of 1916.

In support of the Union College Annual Fund, a trust distribution was received from the estate of Robert L. Slobod, Class of 1935.

A bequest distribution was received from the estate of Calvin G. Schmidt, registrar emeritus, and member of the Class of 1951. This gift, along with earlier distributions, will be added to the Calvin G. Schmidt ’51 Endowed Student Employment Fund. Cal was registrar at Union for over 25 years.

A bequest distribution was received from the estate of Lewis W. Hallenbeck, Class of 1940. This gift is restricted to the Hallenbeck Family Endowed Scholarship established in memory of his father, J. Potter Hallenbeck, Class of 1910, and his brother, Robert P. Hallenbeck, Class of 1942, supporting descendants of alumni who attend Union College.

Charitable gift annuity distributions were received from the estate of Burton R. Payne, Class of 1941, and will be used at the discretion of the trustees.

CHARITABLE GIFT ANNUITIES

Charitable gift annuities were established by:

- Frederick V. Bronner, Class of 1946. The proceeds from this gift will establish the Bronner Family Scholarship.

- Andre R. Donikian, Class of 1965, and Molly Stark Donikian. The proceeds will ultimately be added to the Molly Stark and Andre R. Donikian Endowed Fund.

Thirty-seven alumni and students gathered at the home of Stuart Shapiro ‘70 for the annual Club of Washington, D.C. reception with the D.C.-term students, including Professor Tom Lobe. Pictured below are Stuart Shapiro, Elsa Bruestle ‘14, Congressman Paul Tonko and Matthew Halman ‘15.

The Union College Club of D.C. enjoyed a night at the ballpark with the Washington Nationals. It was a lovely evening for a ballgame and some networking, even though the Nationals had a tough night against the Mets!

OCT. 11-13: Homecoming weekend Union College


NOV. 16: Franciscan monastery tour w/ Prof. Peter Bedford Washington, D.C.

DEC. 5: Boston holiday party Boston, Mass.


JAN. 25, 2014: Mayor’s Cup (Union vs. RPI) Albany, N.Y.

The Cape Cod Alumni Club held its first event in June. Alumni and friends met for dinner and an evening at the Orleans Theater.

Lorraine Ater ‘09 (left) and Victoria Peabody ‘10 joined the Union College Club of D.C. to watch the Washington Nationals Club to watch the Washington Nationals play the Mets in June.
This year, we commemorate two events that brought a decidedly non-collegiate look to campus—the arrival of the Navy V-12 program 70 years ago, and the film The Way We Were, released 40 years ago.

On Thursday, July 1, 1943, at the height of World War II, about 250 Navy trainees arrived in Schenectady by rail and marched in crisp order up Union Street to campus. They would join 150 other apprentice seamen in Union’s Navy V-12 program to train officers for an expected invasion fleet.

“We entered in formation in civilian clothes through Payne Gate,” recalls Joe Goldreich ’45, the first commandant of Union’s V-12 unit. “By the end of that day, we had blue and white uniforms and all our shots in our arms.”

The V-12s were busy, with reveille at 5:45 each morning, calisthenics at 6, inspection at 7, breakfast at 7:20 and class at 8, afternoon athletics, dinner at 6 p.m. and required study until 10. There were no classes on Saturdays, but trainees had to attend an afternoon muster and inspection. Sundays were free after 7:30 reveille.

About 1,200 men passed through Union’s V-12 program. It produced four admirals, a commodore, a Marine Corps general, and a number of captains, commanders, and lieutenant commanders.

By war’s end, more than 3,000 alumni had served, and 76 had lost their lives. Memorial Fieldhouse was dedicated in their memory.

The Way We Were, starring Barbra Streisand and Robert Redford, was filmed on campus in the fall of 1972, thanks in part to a timely lunch meeting between Robert Levine ’71 and director Sydney Pollack.

Levine, a newly-minted English major trying to break into the film industry, was working his way through NYU Film School as a writer for Variety. The part-time job, Levine figured, would get him in front of those who could help his career.

While interviewing Pollack, Levine discovered that the director was struggling to find a location for the college scenes in the upcoming filming. Cornell and Williams, both on the short list, had backed out because production would interfere with classes.

“I told him, ‘I went to a school that would be absolutely perfect for you, and the trimester would be perfect since it would not interfere with classes,’” Levine recalls. He put the producers in touch with his former English professor, Frank Gado, who advocated for the film with Union’s administration.

The Union campus played a starring role in the first 20-plus minutes of the film, which recalls the college years that sparked a romance between Katie Morosky (Streisand) and Hubbell Robinson (Redford). Locations included the Nott Memorial, Jackson’s Garden, Old Chapel, Alumni Gymnasium, the former cinder track on Alexander Field, fraternities on Library Lane and the statue of Chester Arthur.

“I was delighted because I knew Union was the perfect school for the film,” said Levine, who went on to a successful career as a screenwriter and publicist. “The Union experience is inextricably tied to The Way We Were.” As for the film, “I think it holds up really, really well,” Levine said. “I’m always moved by the last scene in the movie where Streisand puts her gloved hand on Redford’s neck.”
Garnet Guard
Alumni who have celebrated their 50th ReUnion.

GARNET GUARD
CLASS CORRESPONDENT
Bob Howe ’58
135 Chevy Chase Dr.
Wayzata, Minn. 55391
howex001@umn.edu

1943
Wickedlocal.com profiled Paul Kummer on May 23. The story focused on his close relationship with Union (he’s attended every five-year ReUnion for his class), his service during World War II and his career with Thompson Weinman.

1946
Gene Setel writes, “I finally retired from the practice of law, but am still arbitrating and mediating.”

1952
CLASS CORRESPONDENT
Dr. Arthur Stockman
7124 Switchgrass Trail
Bradenton, Fla. 34202-4177
(941) 907-8064
astockman@jcaho.org

1953
CLASS CORRESPONDENT
Garrett Murphy
7 Maxwell Street
Albany, N.Y. 12208-1607
gmurphy6@nycap.rr.com
(518) 438-7319

Donald Horton is a partner at Horton Meadows LLC in Saco, Maine. He writes, “Jean and I formed a real estate company to develop a 31-lot clustered residential subdivision adjacent to our home in Saco. Although I am retired, this has kept us more than busy. See www.themeadows-maine.com”

1954
CLASS CORRESPONDENT
Avrom J. Gold
P.O. Box 559
Whitehouse Station, N.J. 08889

Phil Beuth writes, “Happy to report from Naples, Florida, where our good President Ainlay held another gathering of alums who are fascinated with stories of Union’s historic past and exceptionally bright future. Like all of our friends we are getting on age-wise, and hustling to fill up our bucket list. Part of that list included a long-awaited 20-day cruise/safari in South Africa a few months ago—Miami-London-Cape Town, then into the bush. It was an adventure which gave Mary and me a lifetime of memories. We both are much involved in charity work here, concentrating on schooling for farmworkers’ children, having helped provide college educations over the past six years to more than 150 students, many of whom were the first in the family to graduate high school (www.guadalupecenter.com). We’re also still busy with our Caribbean villa resort, now in its 22nd year. Have to visit regularly: as the saying goes, ‘someone has to do it!’ I still choke up a bit when I hear such wonderful things about Union, my benefactor and life-changer. Meanwhile, back to the list, which includes my 60th ReUnion in May 2014. Kindest regards to all and let’s hear more from ’54!”

1955
CLASS CORRESPONDENT
Ken Haefner
1346 Waverly Pl.
Schenectady, N.Y. 12308
haefnerkb@juno.com

Rev. John Buerk writes, “I retired a second time on New Year’s Eve, and have been ordained 54 years. I am active in women’s rights and am especially against men telling women what they can and can’t do with their lives. My wife and daughter applaud me!”

1956
CLASS CORRESPONDENTS
Dr. Alan Greene
241 Perkins St. H401
Boston, Mass. 02130

Martin Stein
1107 Pipestem Place
Potomac, Md. 20854
judithkstein@verizon.net

Christopher Leason III retired and is living in Laguna Beach, Calif. Catch up with him at leasonii@gmail.com.

1957
CLASS CORRESPONDENTS
James R. Fisher
172 Patriot’s Crook
Martinsville, Va. 24112
fisherstwo@gmail.com

Paul Mohr
140 E Duce of Clubs Ste A
Show Low, Ariz. 85901
dadtired@frontiernet.net

This spring, Dr. Howard Voss was recognized by his colleagues at the Volunteers in Medicine Clinic in Stuart, Fla., and by the community. The celebration, during which a bronze bust of Howard was unveiled, honored Howard’s volunteerism at the clinic for 15 years (11 of them as medical director). The clinic offers free treatment to...
uninsured residents of Martin County. A story highlighting the event and Howard’s medical work was printed in The Stuart News April 24.

John I. Van Voris has been recognized by Super Lawyers as a 2013 “Florida Super Lawyer.” An experienced government, banking, securities, M&A, and bond attorney, John works in the Tampa office of the firm GrayRobinson P.A.

1958

CLASS CORRESPONDENT
Richard T. Steinbrenner
9 Hunters Trail
Warren, N.J. 07059-7105
r.steinbrenner@att.net

John Sweeney was profiled in a May edition of The Utica Observer-Dispatch. The story focused on his life-long love of fishing—for the last 20 years he’s been a licensed guide, specializing in the Ausable River, West Canada Creek and Delaware River. He also spent 32 years teaching social studies at Herkimer High School and is the long-time justice of the Village of Middleville and the Town of Fairfield. For more, visit www.uticaod.com.

1959

CLASS CORRESPONDENT
William D. “Dal” Trader
5361 Santa Catalina Avenue
Garden Grove, Calif. 92845
daltrader@earthlink.net
dal@wbct.us

Lawrence E. Kahn is a United States district judge for the Northern District of New York. At the time of his appointment in 1996, he was a justice of the Supreme Court of the State of New York. He is, and has been since 1974, an adjunct professor at Sage College; and he is, and has been since 1990, an adjunct professor at Albany Law School. Lawrence is the author of When Couples Part and he is co-author with his brother of The Divorce Lawyer’s Casebook.

1960

CLASS CORRESPONDENTS
Charles Roden
kiw702@aol.com

John H. Nickles
1303 River Road
West Coxsackie, N.Y. 12192

Stewart Denenberg writes, “Still an emeritus professor of computer science (euphemism for ‘retired’). I write a monthly column on technology and society for our local newspaper (Plattsburgh Press Republican) at tec-soc.blogspot.com, and am enjoying travelling. Was recently in Washington, D.C. to support my granddaughter in National History Day Competition—got my picture taken with Peter Segal and enjoyed a Segway tour of the local attractions as a tourist/native.”

1961

CLASS CORRESPONDENT
Bill Condon
1365 Van Antwerp Road, Apt. I-91
Niskayuna, N.Y. 12309
bcond041@nycap.rr.com

Mary and Phil Beuth ’54, off the coast of Cape Town, enjoyed a cruise/safari in South Africa.

Stewart Denenberg ’60, his granddaughter Dayna Price, daughter Karen Price and wife Claire Veilleux Denenberg enjoy Washington, D.C.

Dave Merritt ’60 (left) and Paul Hardwick ’60

1962

CLASS CORRESPONDENT
Ollie R. Bunch
441 Stub Hollow Road
New Hartford, Conn. 06057-2513

Tom Delaney writes, “I have been made a trustee emeritus of my prep school, the Storm King School in Cornwall-on-Hudson, N.Y. Previously, I had been president of its Alumni Society and a member of the Board of Trustees. Storm King is a co-ed boarding school which, like Union, was all male when I was a student there.”

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1961 CLASS CORRESPONDENT
Bill Condon
1365 Van Antwerp Road, Apt. I-91
Niskayuna, N.Y. 12309
bcond041@nycap.rr.com

Linda Rae and Paul Hardwick celebrated their 50th wedding anniversary in Paris on May 20. Dave Merritt and his wife Judy joined them at a reception in Walnut Creek, Calif. upon their return. Dave and Judy celebrated their 50th anniversary last year.”

1961 CLASS CORRESPONDENT
Bill Condon
1365 Van Antwerp Road, Apt. I-91
Niskayuna, N.Y. 12309
bcond041@nycap.rr.com

Dave Merritt ‘60 (left) and Paul Hardwick ‘60

John Honey ’61 (left) and Bill Reaman ’61 (right) got together for lunch with Mike Froman ’17 (center) to wish him good luck—he started his freshman year in September. Mike, who graduated from Bourne High School, lives on Upper Cape Cod, as do John and Bill.
**99 YEARS OF MEMORIES**

When 99-year-old Milton Schwebel ’34 took some time out of his schedule to visit campus in May, he held forth on a variety of topics: the changing paradigm of higher education, the history of the peace movement, Eliphalet Nott’s famous anti-dueling sermon at the funeral of Alexander Hamilton, and the work of developmental psychologist Jean Piaget, in whom Schwebel found inspiration.

Schwebel is a retired psychology professor and dean at Rutgers University. A veteran of World War II, he is the founding editor of Peace and Conflict: Journal of Peace Psychology published by the American Psychological Association. He and a colleague, Alice O. Ritter, authored a Memorial Day op-ed in the Arizona Daily Star in which they celebrate the growing strength of peace movements.

A native of Troy, N.Y., Schwebel lives in Tucson, Ariz., and makes annual trips back East to visit family and friends. He swims regularly and volunteers as an agent for the Annual Fund. Calling on alumni of his era gives him an excuse to talk, he said. Of his penchant for discourse, he quips, “I have 99 years’ worth of memories to talk about.”

“It seems hard to believe that 83 years ago [at 16] I first stepped onto that campus, awed as I passed through Blue Gate and saw the tree-lined road and the round building ahead of me. That reaction hasn’t dimmed in all those years, in large measure, I suspect, because a half-dozen Union profs gave me a world outlook and the intellectual tools to understand and cope with a still semi-civilized world.”

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**1963**

**CLASS CORRESPONDENT**

George Ball
6929 Country Line Road
Wayland, N.Y. 14572-9553
gball@frontiernet.net

**John M. Carden** writes, “Pretty much retired, will take cases from old, ‘good pay’ clients. I am not actively seeking new forensic work. Enjoying ‘retirement’ and living in Atlanta, Ga., five minutes from our two grandkids, ages 12 and 10, and daughter. They keep Linda and me young!”

**Gaylord “Gil” Hurlbut** writes, “Right after Union, I became a field engineer for Sperry Gyroscope, based on Long Island, building Polaris submarines. From the shipyard in Newport News, Va., I went on an active patrol supporting the ship’s navigation systems. Then I started a 30-year stint with Draper Lab, an offshoot of MIT. My first project was the design and at-sea testing of the Deep Submergence Rescue Vehicle, whose purpose is to recover sailors from subs unable to surface. That testing was in San Diego. Another major project was developing a prototype manganese nodule mining system for Kennecott Copper, also in San Diego. It involved making several long voyages to mid-Pacific to prove its feasibility. Upon retiring from Draper, I’ve become a consultant with a small testing company, serving as their computer network administrator and quality representative. It continues to be interesting. Now living in North Reading, Mass. after being in Winchester for 24 years, where we raised our family. My wife Abby and I have three kids and one granddaughter. The kids live in the San Francisco area and Shanghai, China. Brother **Garry Hurlbut** ’65 is retired and living in Point Richmond, Calif. My interests include playing tennis, genealogy, DNA testing and...”

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**David Adinolfi** writes, “My wife and I; my daughter Colleen Adinolfi Brockway ’88 and her family; my son David II ’90; and my youngest daughter Elizabeth with her husband, 7-year-old son and 4-year-old daughter, all visited Disney World and had a fantastic time. Colleen’s son, Robert Brockway Jr. is interested in enrolling in Union (he’s going into his freshman year of high school), and has toured the campus with his parents and me. A straight A-student, and baseball and basketball player, we hope he chooses the alma mater when the time comes.”

**David Adinolfi '62 at Epcot, Disney World**

**Gaylord “Gil” Hurlbut ‘63 with his granddaughter, Emerson, in Boothbay, Maine**
travel (recent trips to India, China, Vietnam, Italy and France).”

**Jack R. Stokvis** was recently recognized with the Jersey City Legend Award, given by the non-profit Jersey City Landmarks Conservancy. He received the honor for his work as a city planner and his leading role in the establishment of the brownstone revitalization movement, the creation of green spaces, various urban renewal projects, the formation of the local historic preservation commission, and the “Risorgimento” of the Italian Village.

**1964**

**CLASS CORRESPONDENT**
Anton Warde
36 Two Lights Rd.
Cape Elizabeth, Maine 04107
wardea@union.edu

**William Rosen** writes, “I am serving my fourth consecutive year as board president of the Goleta Water District. GWD is the largest special district delivering water in the Santa Barbara area. I was also appointed to the Board of Trustees of Antioch University, Santa Barbara. Antioch is a member of a five-campus national system. Santa Barbara provides the final two years of undergraduate credit and various post-graduate programs.”

**Mark D. Dopkin** was named the Distinguished Maryland Real Estate Practitioner by the Real Property Section of the Maryland State Bar Association at its annual meeting on June 14, 2013. He is still practicing full-time with Tydings & Rosenberg in Baltimore.

**1965**

**CLASS CORRESPONDENT**
Jon Lechevet, Ph.D.
206 Cross Road
Edmeston, N.Y. 13335-2610
jnlechevet@verizon.net

The *Journal of Physical Chemistry* is celebrating **John Wright’s** development of multiresonant coherent multidimensional spectroscopy (CMDS) on the occasion of his 70th birthday by issuing a “Festschrift” edition of the publication. CMDS is a new laser technique that uses multiple lasers to characterize materials and is the optical analogue of nuclear magnetic resonance. The issue has 50 publications from scientists around the world that are devoted to different aspects of CMDS. John is the Andreas Albrecht Professor of Chemistry at the University of Wisconsin-Madison.

**1966**

**CLASS CORRESPONDENT**
Antonio F. Vianna
7152 Tanager Drive
Carlsbad, Calif. 92011-5033
simpatico1@juno.com

Graham K. Hubler, a nuclear physicist who worked for the Naval Research Laboratory for 40 years, has been named director of the Sidney Kimmel Institute for Nuclear Renaissance (SKINR) at the University of Missouri. After earning his doctorate in nuclear physics from Rutgers University, Graham took a research position with the Naval Research Laboratory. He didn’t leave the organization until he retired in 2012, as the head of the Materials & Sensors Branch.

**1967**

**CLASS CORRESPONDENT**
Joseph Smaldino
720 Cameron St.
Sycamore, Ill. 60178

Jaeckle Fleischmann & Mugel LLP recently announced that **David G. Brock** has been appointed by the Appellate Division as chairman of the 8th Judicial District Attorney Grievance Committee. The Attorney Grievance Commit-
the classes

John Rockwell ’69 enjoys refreshments with friends after the Nordic Wooden Ski Classic Race at Cascade Touring Center in Lake Placid in March.

Brick Susko ’69 stopped by the Nott Memorial on his 3,400-mile, cross-country cycling trip June 25.

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to ending childhood hunger in America. He oversees the day-to-day management of the organization, including working with executive and senior teams to develop and implement its plan for strategic growth, particularly around the organization’s “No Kid Hungry” campaign. Prior to joining Share Our Strength in 2011, Thomas was chief operating officer for AARP, where he led the build-out of its state strategy in all 53 states and territories.

1973 CLASS CORRESPONDENT
George C. Schwab
1710 Broadway, Apt. B
Schenectady, N.Y. 12306
(518) 372-6507

Dr. Louis Snitkoff, medical director of CapitalCare Medical Group, was recently given the American College of Physicians Laureate Award, an honor for ACP members who have demonstrated a commitment to excellence in medical care, education and service to the community. Louis entered private practice in Schenectady in 1990 and was a founding member of CapitalCare in 1998. CapitalCare is a physician-owned medical practice with 27 offices and more than 500 employees, including 150 health care professionals.

Patrick A. Guida was appointed vice chair of the Rhode Island Board of Education by Gov. Lincoln Chafee. He was previously the vice chair of the Board of Regents for Elementary and Secondary Education.

1974 CLASS CORRESPONDENT
Gerald A. Dwyer
geraldadwyer@gmail.com

Michael Newell was recently featured in The Business Review. The piece focused on his career moving early-stage companies from start-up to production, and on his hobbies outside work, which include playing the accordion and fly-fishing.

Elizabeth Huntley was profiled in a June edition of The Troy Record. The story, a Q&A, focused on her career as a professional harpist who performs at weddings, parties, corporate functions, theatrical shows and school events.

1975

Fred G. Pressley Jr., who specializes in labor and employment law with Porter Wright in the firm’s Columbus, Ohio office, was named a leading lawyer in the 2013 edition of Chambers USA. Chambers USA ranks leading firms and attorneys throughout America.

1976 CLASS CORRESPONDENT
Leslie Steinecker-McHugh
17 Virginia Place
Patchogue, N.Y. 11772
lestmch2@aol.com

Carol Behrendt Meola writes, “My father, Gary Behrendt ’45, met a fellow alumnus through Union’s new [EverTrue] app. By using the ‘nearby’ option, he connected with another 1945 graduate and they met for lunch, with plans to meet again. Great app!”

1977 CLASS CORRESPONDENT
Tony Romanazzi
73 Bay St.
Glens Falls, N.Y. 12801
romanquatro@gmail.com

Tony Romanazzi writes, “This Valentine’s Day, Feb. 14, 2013, marked my 30th anniversary in my dental office at 73 Bay Street, Glens Falls, N.Y. I have been blessed many times over—graduating from Union, fulfilling my childhood dream of becoming a dentist, having a great practice and staff, my wonderful wife, Debbie, and my two great kids, Andrew and Julianna. The changes that I have seen in my 32-year career are enormous, CEREC CAD/CAM and ‘digital dentistry’ being the most significant. I would happily do it all over again. I just love what I do.” Tony is a member of the American Dental Association, the Academy of General Dentistry, the Academy of Computerized Dentistry of North America, and the 4th District Dental Society of DSSNY. In his spare time he is a husband, a father, a son, aircraft builder and avid pilot, a jazz guitarist, amateur playwright and actor, and a brother of the Sigma Phi U ’76.

David Plumer has joined Altierre Corp, as vice president of Global Sales. David has more than 30 years of experience in senior management, executive leadership and sales with global technology brands, including IBM and American Power Conversion. Altierre provides ultra-low power wireless technology that enables a host of applications, including e-signage and dynamic pricing solutions for retailers.

1978 CLASS CORRESPONDENT
Jeff Laniiewski
Jlaniew1@maine.rr.com

Marc T. Giles has been appointed to the board of directors of Checkpoint Systems Inc. Marc spent most of his career with industrial technology companies, beginning in sales and marketing before expanding into management positions of increasing responsibility and global reach. In 2000, he was recruited by Gerber Scientific Inc. to serve as president of its Gerber Technology division. In 2001, he was appointed president and chief executive officer of Gerber Scientific. After taking command, Marc quickly and successfully secured the company’s future, developing a new strategic path to focus on growing its profitable portfolio of core businesses.

Dr. Peter L. Elkin, vice president and professor of medicine at the Mount Sinai School of Medicine and director of its Center for Biomedical Informatics, was recently appointed professor and founding chair of the University at Buffalo’s new Department of Biomedical Informatics. Peter is a fellow of the New York Academy of Medicine and the American College of Medical Informatics. He has been elected to mastership by the American College of Physicians, an honor shared by only a small number of physicians worldwide.
Craig Hayden was promoted to vice president of products for CDPHP. In his new role, Craig will be responsible for leading the Medicare line of business for CDPHP, including marketing, sales, annual benefit plans, service area expansions, market research and analysis, new product development, P&L, and business plan development. Previously, he was director of Medicare sales.

Edward F. Lonergan, president and chief executive officer of Chiquita Brands International, Inc., has been elected to the Owens Corning company’s Board of Directors.

Elizabeth Blose, new chief financial officer at Intrust Bank, was recently profiled in The Wichita Eagle. The story focused on her career and education, which includes bachelor’s degrees in civil engineering and economics from Union.
1983

CLASS CORRESPONDENT
Cory Lewkowicz
74 Taylor St.
Needham, Mass. 02494
lewkowicz@aol.com

Gary Cohen has been named chief executive officer of EZLinks Golf Inc. Gary joined EZLinks Golf to extend the company’s position as the leading provider of technology to the golf industry and to establish EZLinks as a retail site, selling tee times directly to golfers through its e-commerce platform. Prior to joining EZLinks Golf, Gary was senior vice president of marketing and customer experience at Redbox.

Peter Weishar recently joined Florida State University as the dean of the College of Visual Arts, Theatre and Dance. Peter has held numerous positions in the arts field, including as a professor of computer animation and new media, and acting director of the Animation Program at New York University Tisch School of Arts. He was previously at the Savannah (Ga.) College of Art and Design.

TIAA-CREF Asset Management recently named Robert Leary executive vice president and president of TIAA-CREF Asset Management. Robert most recently

served as president and chief operating officer of ING U.S., leading all aspects of ING’s investment management, retirement, insurance and annuity businesses, as well as operations, information technology and marketing.

The 1983 UColl Blues Brothers band performed on a scorching Saturday during ReUnion 2013. The concert was played in memory of former band member, the late, great “Gospel” John “Scorch” Sciortino ’81. Band members included Robert “Jake” Derbabian, Rich “Elwood” Altman, Steve Koelbel, Steve Larsen, Mike Zanta, Jim Ward, Jason Brandt, Andre Enceneta ’84 and Mike Klein ’84, as well as Warren Thompson ’15, Zach Ratner ’14, Adam Weisse ’15, Jared Diou-Cass ’16 and Jeremy Smith ’14. The Class of 1983 was well represented in the audience and cheered their onstage-classmates wildly. The band ran down their repertoire of Blues Brothers songs and favorites from The Cars, J. Geils Band and Bruce Springsteen.

Gigi Mason and Cindy Buddenhagen Menges shook their “tailfeathers” with Rich “Elwood” Altman. Rumored to be the very last performance by the band, it is said they might be persuaded to give it another shot in five years.

1984

CLASS CORRESPONDENT
Kathleen Kozera Rowe
33 Fairway Ave.
Delmar, N.Y. 12054-3332

Carolyn (Bigda) Dulchinos writes, “I am an organizer with Netroots Nation, an annual convention for progressive activists. I live in Boulder, Colo. and spend a lot of time outdoors. My daughter is a senior in high school, my son is a freshman and my husband, Don ’78, works in cable TV technology policy. Looking at colleges with my daughter has made me appreciate Union even more.”

Pamela Marcus writes, “My husband, Jeff Erskine ’82, and I are thrilled that our daughter Haley Erskine is a member of the Union College Class of 2016. She had a great first year! I am a radiologist specializing in women’s imaging at Westchester Imaging in White Plains, N.Y. (www.westchesterimaging.com).”

Audrey Churchill is vice president and director at Aon Risk Solutions—Professional Services Practice Group in New York City. She has two children, Mario Diaz-Perez and Nicole Patton. Mario is a doctoral candidate pursuing a Ph.D. in history and philosophy at University of California Santa Cruz (history of philosophy program), and Nicole is entering Gramercy Arts H.S. (international baccalaureate program) in the fall.

Heidi Horak earned her LL.M. from University of Florida, Levin College of Law in January 2013 in environmental and land use law. She is already working with Conservation Trust for Florida, a non-profit land trust, advising farmers and landowners on the benefits of permanently conserving land. She continues to maintain a robust real estate and probate practice in St. Petersburg.

Andree Brisson writes, “I am a conservation biologist with a special interest in (charismatic) endangered species. I am currently seeking interdisciplinary collaborations to address poaching of African elephants and rhinos.”

1985

CLASS CORRESPONDENT
Jon Mathewson
PO Box 1262
Middletown Springs, Vt. 05757-1262

Patricia Taylor Fox writes, “I left the law firm life in 2008 and joined the in-house legal department at AIG. I am a deputy general counsel with AIG Property Casualty, with responsibility for the Reinsurance Dispute Resolution Unit. I live in Manhattan with my husband Randy, two wonderful children (Alexa and Nathaniel) and our dog Licorice. Weekends are spent ferrying the kids to birthday parties, tennis lessons and baseball—all good.”
June of 2012 in a small ceremony with wonderful Dawn Ceccucci. We had a beautiful ceremony with wonderful Napa weather, wine and food.

My company, Cell Zone LLC, is doing well (cellzone.org). My company, Cell Zone LLC, is doing well (cellzone.org). After beginning the company three years ago with products developed during an NSF project, we have expanded to serve students studying biology, regardless of ability, learning style or background. In addition, I have been awarded a sabbatical for the fall of 2013 from Springfield Technical Community College; this gives me more time to work on all of my projects, my company and my new marriage.”

1988

CLASS CORRESPONDENT
Dana Rosen Isbitts
480 Alexander Circle
Weston, Fl. 33326
danaisbitts@gmail.com

Sarah Bittleman was recently named EPA’s new senior agricultural counselor. Previously, she served USDA as senior adviser to the Secretary for Energy and Environmental Issues. Sarah also worked for the Department of the Interior, the Senate and the House on a range of policy and strategic development issues involving agriculture, energy, natural resources and climate change.

BNY Mellon, the global leader in investment management and investment services, recently named Dave DeFilippo chief learning officer. Based in Boston, Dave will oversee development and implementation of the company’s ‘BNY Mellon University’ concept, aimed at fostering an active and on-going learning culture across the firm and its more than 50,000 employees worldwide.

1990

CLASS CORRESPONDENT
Mary Jo Burke
532 Whitcover Circle
Charlottesville, Va. 22901
mjcburke@earthlink.net

Lawrence D. Rosenthal writes, “I am starting my sixth year as associate dean for Academic Affairs at Northern Kentucky University’s Chase College of Law. In addition to performing my administrative duties, I continue to teach and write in the area of employment discrimination law. Despite living far from Schenectady, I have attended several Union hockey games over the past few years (when the team travels within driving distance of Cincinnati or my travel schedule takes me close to Schenectady). Lorraine and beverages such as sushi.”

George Kenny ’90 and a giant cod on the Great Barrier Reef

1991

CLASS CORRESPONDENT
Karen Vyalou Zador
313 Stonehurst Parkway
St. Augustine, Fla. 32092
karenzador@gmail.com

Brett R. Pasquarella recently completed the design of the $300-million “Circuit of the Americas” Formula 1 racetrack in Austin, Texas. The inaugural United States Grand Prix was held on Nov. 18, 2012 as 117,000 fans cheered Lewis Hamilton on to victory. He writes, “I was asked to write an article on the design and permitting process, featured in Civil Engineering magazine in May.”
Life—just surviving day to day—can be a tremendous challenge for women in Ethiopia. Many are forced to put their children up for adoption, because they don’t have means to care for them. Many are HIV positive and on the brink of homelessness.

Susan Hulse ’92 wants to change this, and as medical director of Because Every Mother Matters, she is.

“BEMM is improving the quality of life for women and children,” Hulse said. “Our mother sponsorship program in Dessie, Ethiopia assists indigent women. We partner with an Ethiopian organization that helps connect them with medical care, educates them about HIV/AIDS, and encourages them to get ID and open bank accounts.”

Women are enrolled in the program for three years, and once matched with a sponsor, have the opportunity to turn their lives around,” Hulse continued. “Each woman is expected to open a business—some sell vegetables at the market, others make baskets and one makes silver crosses now sold all over the country.”

As medical director, Hulse travels to Ethiopia every six months to support efforts to reduce infant and maternal mortality. She also checks on the program’s mothers and those in BEMM’s safe house for sexually exploited girls. Her extensive background in HIV care is critical when she’s facilitating medical access for complex cases. Hulse has been a physician assistant at the University of Rochester’s AIDS Clinic for eight years, and has worked in HIV medicine since 1996.

Cooley LLP recently announced that Matthew A. Karlyn joined the firm’s business department as a partner and a member of its technology transactions practice group. Matthew, who will be based in Cooley’s Boston office, joins the firm from Foley & Lardner LLP, where he was a partner in the information technology and outsourcing practice, as well as the privacy, security and information management practice.

Jennifer Pryce is chief strategy officer at Calvert Foundation and is responsible for strategic initiatives, marketing and communications, social media and policy work. Jenn’s team anchors its work around the development of initiatives that combine a social issue with the power of impact-investing, such as women investing in women. Previously, as the U.S. portfolio manager, she oversaw management and growth of Calvert Foundation’s domestic investments, including investments in community development finance institutions, affordable housing development and initiatives around healthcare clinics and charter schools.

To learn more or sponsor a mother, visit http://www.bemmteam.org.
Steven was outreach and electronic services librarian at Four County, and he was a reference librarian at the George F. Johnson Library in Endicott. He is an Endwell native.

Gregory Midland recently accepted a position at United States Golf Association in Far Hills, N.J. as director of communications. Gregory previously was employed at Metropolitan Golf Association as communications manager. He writes, “On March 25, I started my new job at USGA. I am responsible for the seven-person team that produces all editorial and multimedia content on the USGA’s web, social media and print channels, and will be on-site at a handful of USGA championships this summer, including the U.S. Open in Philadelphia. I’m very excited for the new role and to continue my career in golf!”

Social entrepreneur Cindy Kaplan, co-founder of SPOON Foundation, was recently elected into the exclusive Ashoka Fellowship for her systems-changing work to improve nutrition and feeding for orphaned and vulnerable children worldwide. Kaplan joins over 3,000 Ashoka Fellows in 70 countries who have received this lifetime fellowship. SPOON, based in Portland, Ore., has active programs in Eurasia, Southeast Asia, and the Americas. It is the first organization worldwide to protect children without families from the debilitating, yet fully preventable consequences of malnutrition and improper feeding.

1995
CLASS CORRESPONDENT
Caroline Paine Pannhorst
32 Nottingham Way North
Clifton Park, N.Y. 12065
cpannhorst@msn.com

Elissa D. Hecker has again been selected as a Super Lawyer Rising Star. She is also pleased to announce that her third book, In the Arena, has been published by the New York State Bar Association. It reflects the issues facing sports lawyers today. For more information about Elissa’s practice and publications, visit www.eheckeresq.com.

1996
CLASS CORRESPONDENT
Betsy Phelps Seplowitz
104 Tompion Way
Ballston Spa, N.Y. 12020
bseplowitz@yahoo.com

The Four County Library System board of trustees recently appointed Steven J. Bachman executive director. He has been the director of Your Home Public Library in Johnson City, N.Y. for the past eight years. Prior to that, Board-certified urologist Dr. Fremal J. Desai, of La Peer Health Systems of Los Angeles, was recently named a Patients’ Choice Award recipient.

ALUM’S ANCESTOR HELPED POPULARIZE ADIRONDACKS

Randall Beach ’94 studied political science at Union, but his subject was history on April 15, when he gave a presentation at Union’s new Kelly Adirondack Center.

Beach talked of his great-great-grandfather, William H.H. Murray, the author of a book that popularized Adirondack excursions and the very idea of leisure time in the wilderness. Published in April 1869, Adventures in the Wilderness; Or, Camp-Life in the Adirondacks was a smash-hit with city dwellers.

“Murray advocated that the common man embrace the wilderness and that the common man spend time in the outdoors,” Beach said, noting the region largely had been, before the publication of Murray’s book, the hunting ground of a few elites.

“I have no sympathy at all with those two or three hundred gentlemen who would monopolize the Adirondack wilderness for their own exclusive amusement and benefit,” Murray wrote.

Beach, a native of Plattsburgh, is a partner with the law firm of Whiteman, Osterman & Hanna in Albany.

He peppered his portrayal of Murray with family lore, describing his ancestor as a Yale-educated preacher who loved nature as much as the pulpit; a man who got rich as a popular author and then lost it all as a failed horse rancher in Texas.

“There are a lot of legends and tales,” Beach said, “and it’s hard to sift through which are true and what’s just balderdash.”

Still, there’s no denying “Adirondack Murray” contributed to the mystique of the Adirondacks. As one contemporary wrote, he “kindled a thousand campfires and taught a thousand pens how to write of nature.”

– Bill Ackerbauer ‘96

1997
CLASS CORRESPONDENT
Sara Amann Garrand
367 Schauber Road
Ballston Lake, N.Y. 12019
sgarrand1@nycap.rr.com

The Four County Library System board of trustees recently appointed Steven J. Bachman executive director. He has been the director of Your Home Public Library in Johnson City, N.Y. for the past eight years. Prior to that,
Every month, more than 200,000 patients across the U.S. provide online feedback about their experiences with their doctors, and rate components of care like bedside manner, doctor-patient face time, degree of follow-up, and courtesy of office staff. The Patients’ Choice Award is bestowed on physicians and dentists who have received near perfect scores.

Jana Karp was given the Community Leadership Award at the Sisters of Charity’s annual Elizabeth Ann Seton Awards. Jana is the founder and executive director of the Boston Youth Sanctuary Inc., a therapeutic program for youths aged 6 to 13 in Roxbury, Dorchester and Mattapan, who have experienced trauma.

Erika Migliaccio, H.R. operations leader for the GE’s power and water business, based in Schenectady, N.Y., spoke recently at Union Graduate College. Erika has 13 years of experience in human resource management, and has expertise in H.R. operations, organization and talent development, and client support.

1998

CLASS CORRESPONDENT
Ryan T. Smith, MBA ’00
284 Sussex Circle
Jupiter, Fla. 33458
rsmith@thebenjaminschool.org

Heather (Buanno) Dukes writes, “I was recently named lead professor and department chair of paralegal studies at Mildred Elley College, Albany, N.Y. I also maintain my own part-time law office specializing in children’s law and family court practice. I represent children in juvenile delinquency, PINS, abuse and neglect, and custody proceedings in Rensselaer County Family Court.”

1999

CLASS CORRESPONDENT
Kellie Forrestall
360 First St.
Lowell, Mass. 01850
forrestkj@hotmail.com

Michelle Feingold recently won the District 83 Toastmasters 2013 Spring Logo Contest. Her logo was used on all promotional and conference material for the District 83 Spring Conference in May in Newark, N.J. Michelle is a senior graphic designer at ScienceFirst, LLC in Cedar Knolls, N.J. She develops brand-specific artwork for medical education, pharmaceutical, and biotechnology companies.

2000

CLASS CORRESPONDENT
Erika Newell
546 Pacific St. #2
Brooklyn, N.Y. 11217
erika_newell@hotmail.com

Beth Roy writes, “I recently accepted a position at Colgate University as their community garden consultant. I am working with student interns in a ½-acre vegetable and herb garden. We sell most of our produce back to the college and town communities about the benefits of organic gardening.”

2001

CLASS CORRESPONDENT
Erin (Aloan) Grogan
143 Streeter Hill Road
West Chesterfield, N.H. 03466
eringrogan@gmail.com

Elizabeth Glidden has been named chief of staff for the Congressional office of Bill Foster (D-Ill.) Elizabeth
previously served as deputy chief of staff for Congressman Tim Walz, where she was the principal aide to Walz for all of his Washington, D.C. responsibilities.

**Jay Varady** is head coach and general manager of Sioux City (Iowa) in the U.S. Hockey League. Jay played three years at Union, through 2000, and was an assistant with Everett (Wash.) in the Western Hockey League for seven years through 2010. He spent the last two seasons coaching the Ducs d’Angers, in the top-tier Ligue Magnus. He played two seasons in the U.S. Hockey League for seven years at Union, through 2000, and had the opportunity to understand patient concerns about participation in medical research and offer clinical research opportunities that would benefit them. In fall 2012 I applied for residency and was successfully pre-matched into the psychiatry residency program at Lincoln Hospital in Bronx, N.Y. I began my psychiatry residency training in July. I am very excited to start this new chapter in my life and hope to be a champion for the improvement of mental health care access and services in the United States.”

**2002 CLASS CORRESPONDENT**

Gina L. Campanella

campanella.gina@gmail.com

Dr. Amilcar A. Tirado writes, “After Union, I earned an MBA in health care administration in 2005 from Union Graduate College. I decided to obtain this degree, as I believed it would broaden my understanding of health care and assist me to become a well-rounded physician. In 2010, I earned my M.D. from Ross University School of Medicine and had the opportunity to work as a clinical research coordinator, supervising clinical trials for people with diabetes and/or hypertension at Columbia University Medical Center. In clinical studies, I have actively recruited and increased the number of underrepresented minorities and women, who are often challenging to enlist. I have combined my medical knowledge with the managerial and operational skills I gained from earning my MBA. My educational background, being Puerto Rican, and the ability to communicate fluently both in English and Spanish, provided me with a unique perspective. I can understand patient concerns about participation in medical research and offer clinical research opportunities that would benefit them. In fall 2012 I applied for residency and was successfully pre-matched into the psychiatry residency program at Lincoln Hospital in Bronx, N.Y. I began my psychiatry residency training in July. I am very excited to start this new chapter in my life and hope to be a champion for the improvement of mental health care access and services in the United States.”

**Brad Fischer** recently joined the Albany Business Improvement District Board as county executive Dan McCoy’s representative. Brad is director of operations for Albany County (N.Y.) and was previously committee counsel in the New York State Senate. He is a graduate of Indiana University-Bloomington School of Law.

**2003 CLASS CORRESPONDENT**

Katrina (Tentor) Lallier

50A Locust Street

Danvers, Mass. 01923

katrina@alumni.union.edu

Ben Schwartz showed his school spirit (he wore a Union T-shirt) in a recent video posted to his website, www.rejectedjokes.com. Also, check out Ben in “ Arrested Development,” the latest season is available on Netflix.

**2004 CLASS CORRESPONDENT**

Rachel Marin

rachel.marin@gmail.com

(973) 670-7692

H. Ryan Freundlich is living on the upper east side of Manhattan and working for Medtronic in its neuromodulation division.

**Kate Otis** was recently featured in Albany’s Business Review after being named one of the publication’s 40 Under Forty. The story focused on her career with BlueShield of Northeastern New York, where she’s regional communications manager, and her love of teaching.

**2005 CLASS CORRESPONDENT**

Andrea Doenges

andrea.doenges@gmail.com

Ian Stevens is engaged Leah Nankin. Ian is a senior learning specialist at Sapient Corporation in Boston, and

Michelle Latzoni got engaged to James E. Morgan in February 2013. Michelle is a vice president in loan syndications at Goldman Sachs and James is a director in mergers and acquisitions investment banking at HSBC Securities. They live in New York City and are planning for a March 2014 wedding.
Surviving a Bombing

Lauren Vulcano ’11 and her boyfriend, Mark Snickenberger, were there April 15 when the Boston Marathon was bombed.

“We were on Boylston Street, four feet from the first bomb that exploded at the finish line,” Vulcano said.

“Suddenly, I was in a world filled with smoke smelling of burning flesh. It was so thick I couldn’t see my feet.”

Despite the fact that Snickenberger was bleeding profusely from one leg and she couldn’t hear, they helped each other to an AT&T store. First responders then took them to Faulkner Hospital in Jamaica Plain.

“A BB was removed from my ear, I had substantial hearing loss in both ears,” Vulcano said. “I had over 83 BB wounds and gave the FBI three BBs that lodged in my jeans. I gave them all my clothes, which were covered in remains of the bomb backpack, explosive powder and melted plastic.”

Snickenberger received stitches and has recovered. Vulcano underwent tympanoplasty to repair one of her eardrums. Hearing in her left ear is fully restored, and she’s confident her right will heal completely in time.

“My Tri Delta sisters and field hockey and lacrosse teammates have been really supportive,” she said. “Union is a close-knit community, I’ve received an abundance of love from our school.”

Vulcano is earning an M.A./C.A.G.S. from Assumption College. She now intends to pursue a counseling career with the FBI.

“There is so much more goodness in the world than evil,” she said. “The FBI was great, some agents even texted and called weeks later to check on me. Being part of such an extraordinary bureau, which did so much for me and for countless others, would be a dream come true.”

Leah is as a senior recruiting specialist at Sovereign Bank/Banco Santander in Boston. The couple plans an October wedding in Beverly, Mass.

Dannible & McKee LLP promoted Alex Nitka, CPA, to tax manager. Alex earned his MBA from Syracuse University and joined the firm in 2008. He specializes in tax planning and compliance services to clients in the manufacturing, construction, and architectural/engineering industries. He also works extensively in the firm’s business valuation and litigation support practice, performing valuations and ownership transition services for a variety of industries.

2006

Kevin Flike has launched a website, www.woundedbywar.com, about being wounded in Afghanistan. Kevin, a Green Beret with the U.S. Army’s Special Forces, was on his second tour in the country when a sniper’s bullet cut short his deployment. He was profiled in the fall 2012 issue of this magazine.

2007

Marty O’Brien lives in Boston, Mass. and is transitioning to a career in sports media/communications and broadcast production, networking is welcome. The spring 2013 magazine included information falsely submitted under his name.

Elliot Seguin was recently featured in Flight International magazine. The Q&A focused on his career as an engineer with Scaled Composites and his love of flying aircraft.

Cape & Plymouth Business magazine recently announced that Jeffrey Viamari joined the sales team. Jeffrey previously worked as senior account executive for Comcast Business Class and account executive for PepsiCo.

Jeffrey Shrensel writes, “I just graduated New Jersey Medical School, and will be starting a residency in internal medicine at Beth Israel Medical Center in Manhattan.”

Joanna Stern, technology editor for ABC News, was named one of Time Magazine’s Best Twitter Feeds of 2013.

Elliot Seguin was recently featured in Flight International magazine. The Q&A focused on his career as an engineer with Scaled Composites and his love of flying aircraft.

H2H—Ride for Vietnamese
Abigail Adsit was profiled recently on Daily Racing Form (drf.com), about her April wins at Parx Racing. Abigail, who previously was assistant trainer to Linda Rice, is training racehorses independently.

Evan Schloss received his M.D. degree from New York Medical College on May 23, 2013. He will pursue residency training in internal medicine at Winthrop University Hospital and then neurology at North Shore-Long Island Jewish Health System on Long Island, New York.

The classes

2009

CLASS CORRESPONDENTS
Gabe Kramer
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Los Angeles, Cali. 90004
kramerg3@gmail.com

Carl Winkler
2232 S. Gayoso St.
New Orleans, La. 70125
carl.s.winkler@gmail.com

2010

CLASS CORRESPONDENT
Ewo Harrell
Orlando, Fla.
(407) 506-3713
ewo.harrell@gmail.com

Tamara Linde writes, “After working at a small marketing agency since shortly after graduation, I have moved over to the publisher side and now work at Priceline. I manage the app distribution as part of our greater mobile marketing team. My job is to adequately market our travel app, which includes hotels, flights and car rentals, and to promote downloads and subsequent orders. Priceline is an amazing company that is constantly growing and always looking for new talent.”

Lindsay Gabrielski, Meredith Santonelli (non-Union), Chris Foley, Meredith McClennan, Scott Garibaldi, Ashley Simses, Catie McGuiness, Rachel Tarica, Rob Connelly ’11 and Lizzy Moran attended the Virginia Gold Cup Races in May.

For the last century, Union’s Annual Fund has provided continuous resources to our students. The collective giving of our donors, each and every year, is especially important because:

• Participation is one factor considered by U.S. News & World Report, and so it impacts our ranking.

• Prospective families view this participation number as a measure of the school’s reputation.

• Corporate and private foundations consider the percentage of alumni who give back as they weigh their decisions to fund grants at Union.

• Every year our collective giving supports amazing students, dedicated faculty and our beautiful campus.

Continue the century-long tradition by supporting the Annual Fund today.
George Volland writes, "I retired in 2007 after 40 years with MWH Engineering. I recently turned 71 and am enjoying good health and retirement on the bay in Panama City, Panama. Hobbies include reading, swimming, walking, visiting family and friends, cooking, cruising, and following Barcelona futbol."

Gary A. Morris writes, "After living in Texas for 32 years, I sold my financial planning practice in 2012 and moved to Hong Kong, where I’ve started a philanthropic and ethics consultancy. Having made the Dallas-to-H.K. trip many times over the years, my wife Susan and I are delighted to be in H.K. with our family. I look forward to returning to Schenectady for our 50th class ReUnion in 2015."

Matthew Greene writes, "In 2010 I retired as a 15-year national security veteran and advisor to President Vladimir Putin of Russia, and became a career diplomat, using my MBA, Ph.D. in diplomacy, and Prof. D. in international law from during my years of uniformed service. I finally followed my eccentric passion for history, completing my Ph.D. in archaeology and Egyptology in 2012, and becoming commander knight of the original order of Knights Templar from 1118. As a result, I was appointed ambassador and prince of a historical institution, the Royal House of the Isle of Man under the U.K. constitutional monarchy system."

Kristin Hissong is in the process of completing her Ph.D. in Middle East Studies at King’s College London, where she researches ethnicity and nationalism in the Maghrib, particularly Morocco. She spent the summer on fieldwork in Casablanca, Marrakech and Rabat before returning to London to finish her dissertation.

Ryan Cahill writes, "I have spent the last three years doing strategy work for a Boston-based management consulting firm. This spring, I was accepted into INSEAD’s MBA program and moved to Fontainebleau, France in August. Upon graduation, I plan to spend several years living and working abroad. I spent a fair amount of time traveling around Europe this summer."

Clarissa Amaral writes, "I was a visual arts major at Union, focusing on digital media and photography. After graduating, I joined a master’s program in Germany and got involved with a local startup team (founded by a Union Graduate College alumnus), and this team is now revolutionizing the field of photography. The innovative technology is in the form of an Adobe Photoshop plug-in, which can restore blurred digital images. The reconstruction of the original image is realized through a complex software algorithm that is able to estimate the camera movements, solely based on the image at hand, and reconstruct the image through de-convolution. We believe this plugin will be a fantastic tool for photo fanatics who love the crispest details in their picture, as well as for image forensics who can now recover information from heavily blurred images. We launched this in May, under the commercial name of Piccure.”

Erica Fugger writes, "I have recently received a Certificate of Appreciation from the United States Secretary of Defense for his work in Afghanistan to support the U.S. Department of Defense. Sam currently advises the Afghanistan Ministry of Mines & Petroleum in monetizing oil and gas resources. His joint efforts have generated billions of dollars in revenue for the Afghan government.”

Erica Fugger recently completed her graduate coursework in Columbia University’s Oral History Master of Arts program and was awarded a research grant through the Blinken European Institute. This summer, she traveled to Plum Village Monastery in France to continue work on her master’s thesis, which features inter-views with Buddhist practitioners in the tradition of Thich Nhat Hanh. Her project is expected to culminate in a public exhibi-tion and workshop this fall.
Alumni attend the wedding of Erika Eisenhut ’06 and Jim Rahill ’06 in October 2012.

2003

**Anthony Metz** married Jessica Blake Oct. 22, 2011, in Simsbury, Conn. Alumni in attendance included **Stuart Miller, Dan Lombreglia, Mike Flanagan ’05 and Vanessa Hernandez ’07**. Anthony writes, “We met at Newtown High School in Newtown, Conn., where I teach European and Latin American history and Jessica teaches psychology and sociology. The wedding was a great fall weekend with all the New England colors.” On Dec. 21, 2012, the couple welcomed baby Bennett. The family lives in Thomaston, Conn.

**Nori (Lupfer) Pepe ’03 and Kris Pepe**

2004

On Sept. 8, 2012, **Rebecca Penner Hall** married Nelson Andrew Hall (UNCW graduate) at the Sachem’s Head Yacht Club in Guilford, Conn. (their hometown). They reside in Boston’s Beacon Hill and see many fellow Union alumni.

2005

**Andrea Doenges** married Kyle Martin Sept. 22, 2012. The wedding was held at the Basin Harbor Club on Lake Champlain in Vergennes, Vt. **Allyson Shortle, Jeff Marcoux, Stephanie (Middleton) Marcoux ’04, Dianna DiBenedetto, Joe Clarke, and Dan Starr** were all in attendance. Andrea and Kyle are happily living in Denver, Colo.

2006

**Courtney Allen ’03 and Edward Brandt** are happy to announce their marriage on Aug. 18, 2012 on Cape Cod. The bridal party included **Emily McConnell ’03, Katie (Lombardo) Sheehan ’03, Beth (Fuller) Shipley ’03, David Korim, Ryan Laddey, Michael Simon and Marc Wiener**. Alumni in attendance included Katharine Linehan, Jennifer Pangburn, Adam Nebenzahl and Stephanie Schuman. Following a honeymoon in St. Lucia, the couple lived in Somerville, Mass. and recently moved to Reading, Mass.

2007

**Julianne Passeri** (Union Graduate College ’08) married Guy Mitran (UVM ’06) at the Mansion at Turner Hill, Ipswich, Mass. on Oct. 7, 2012.
Many alumni, including maid of honor Meagan Smith, attended the wedding.

Kaitlyn Tagarelli and Kyle Brimacombe are pleased to announce their marriage on July 7, 2012 in Hawthorne, N.Y. They reside in Bethesda, Md. Elizabeth Gustafson served as a bridesmaid. Other alumni in attendance were Evan Reid ’06, Nicola (Thorpe) Reid (studied abroad at Union, from York, in 2005), Heidy Sanchez, Michael Zinshteyn, Hilary (Handin) Joublin ’08, Matthieu Joublin (a graduate student in 2004-2005 from Rouen), Lorlette Haughton, Katie Matho, John Levene and Allison Phelan ’08.

2008

Sarah Ehle and Eric Gregware (St. Lawrence ’02) were married on Aug. 25, 2012 on Wellesley Island, N.Y. They reside in Manhattan. Alumni in the wedding party included Carly Aimi, Alyssa Holmes, Maura Pine and Kim Rosenberger. Other alumni in attendance included Andrew Dikan ’06, Elizabeth Porter (Martinez), Danna Deblasio and Rachel Meyers-Weinerman.

Jacquelyn Raftery and John Helmer were married June 23, 2012 at Union’s Memorial Chapel. They honeymooned in Ireland and reside in Boxborough, Mass. Alumni in attendance included Ginny Taft, Kelly Hurley, Katie Bellucci, Jamie Dughl, Amanda Levy, Bilal Mahmood, Scott Carroll, Dave Shulman, Michael Kissane ’07, Mary (Larkin) Kissane ’07, Seth Weinberg, Rob Powell ’09, Dan LoBasso ’09, Tim Romano ’09, Bill Maron ’05, D.J. Hogenkamp ’06 and Jeff Raymond ’07.
1992
Amy O’Neill Rojik and her husband Brian recently welcomed their fifth child, Eyreland. God-father Francis Igoe recently received his masters in engineering at Union, and Amy and her family also congratulate their cousin Catherine O’Brien, a Union graduate with the Class of 2013. Amy is a director within BDO USA, LLP’s National Assurance practice in Boston and she and her family live in Scituate, Mass.

1993
Stacie (Jordan) Brenkovich writes, “My husband, John, and I welcomed our daughter, Avery Karen, to our family on March 8, 2013. She joined us about a month earlier than expected and is doing great. She joins big brother Matthew (Brenkovich ’93) who is enjoying having a little sister. We are in the throes of infant-and-toddler world. I am still working for Accenture and will celebrate my 20-year anniversary this year. My focus for the past couple years has been on our overall content management strategy, helping to improve our consultants’ ability to find the content and experts they need to sell and deliver work to our clients.”

1996
Gregory Midland and Cary Midland are proud to announce the birth of a baby boy, Sean Nicholas. They write, “We welcomed ‘Baby Sean’ as older brother Ben affectionately calls him, Nov. 18, 2012 at Lenox Hill Hospital in New York. While we’re trying to remember how we once survived on such little sleep, Cary and I are very thankful for the newest addition to our family.”

1998
Amy Rilling Grant and Tyler Grant are thrilled to announce the birth of their son, Tyler James “T.J.” Grant. T.J. arrived Nov. 11 at 1:05 p.m. and was 6 pounds, 8 ounces and 19 inches long. They write, “Big brother Ace (the dog) is thrilled to finally have a family member that doesn’t mind having his face licked. We had a blast at this year’s ReUnion and look forward to seeing everyone again in five years for the big 20th ReUnion!”

1999
Courtney Seymour and Pete Farnum are proud to announce the birth of a baby boy, Eben Charles Farnum. He was born on May 1, 2013 in Niskayuna, N.Y. and weighed 7 pounds, 4 ounces. Eben joins big brother Stuart Antony. Both boys were given middle names to honor the memory of Anthony C. LaVecchia ’98.

2000
Robert Fontaine is a lead engineer at Knolls Atomic Power Laboratory in Niskayuna, N.Y. He and his wife, Cindy, are happy to announce the birth of their son, Joseph Robert Fontaine. Joey was born on Mother’s Day, May 12, 2013.

2002
Jane Kaplan Peck and Nathan Peck announce the birth of their baby girl, Leah Victoria. She was born on April 24, 2013 in Boston, Mass. and weighed 7 pounds, 13 ounces. Leah joins her big brother, Theo.

Colleen Parent and Tim Parent are proud to announce the birth of a baby boy, Elliot James. He was born on March 12, 2013 in Oneida, N.Y. and weighed 6 pounds, 8 ounces. They write, “We are doing well and loving spending time with Elliot!”
Beatrice Grace Waugh (Waugh '03)

2003

Elisabeth (Grace) Waugh and Nicholas (Grace) Waugh are proud to announce the birth of a baby girl, Beatrice Grace Waugh. She was born on Oct. 17, 2012 in Denver, Colo. and weighed 7 pounds, 14 ounces.

Elizabeth (Daigle) Geraghty and Christopher Geraghty '02 are proud to announce the birth of their second child, Ryan Joseph Geraghty, on Sept. 7, 2011. They write, “It is amazing to see how much Ryan and his big sister Emma have grown to adore each other.” The family lives in Sutton, N.H., where Chris is a high school social studies teacher and Elizabeth is a stay-at-home mom.

2004

Samantha (Mann) Raphael and Aaron Raphael '00 were thrilled to welcome their first child, Fraya Danielle Raphael, on Jan. 26, 2013. She weighed 5 pounds, 5ounces.

2005

Pamela Koncius and Creigh Long are thrilled to announce the birth of a baby boy, Alexander Cameron. He was born on Dec. 1, 2012 in Cincinnati, Ohio, and weighed 8 pounds, 6 ounces. Everyone is happy and healthy!

Sarah Kidder-Nguyen recently welcomed a son named Warner. He was born March 12, 2013 and weighed 7 pounds, 1 ounce.

2013

Elle Victoria Peck (Peck '02) was proud to announce the birth of a baby girl, Beatrice Grace Waugh. She was born on Oct. 17, 2012 in Denver, Colo. and weighed 7 pounds, 14 ounces.

2014

Samantha (Mann) Raphael and Aaron Raphael '00 welcomed a son named Fraya Danielle Raphael, on Jan. 26, 2013. She weighed 5 pounds, 5ounces.

2015

Pamela Koncius and Creigh Long announced the birth of a baby boy, Alexander Cameron. He was born on Dec. 1, 2012 in Cincinnati, Ohio, and weighed 8 pounds, 6 ounces. Everyone is happy and healthy!

Sarah Kidder-Nguyen welcomed a son named Warner. He was born March 12, 2013 and weighed 7 pounds, 1 ounce.

2016

Samantha (Mann) Raphael and Aaron Raphael '00 welcomed a son named Fraya Danielle Raphael, on Jan. 26, 2013. She weighed 5 pounds, 5ounces.

2017

Pamela Koncius and Creigh Long announced the birth of a baby boy, Alexander Cameron. He was born on Dec. 1, 2012 in Cincinnati, Ohio, and weighed 8 pounds, 6 ounces. Everyone is happy and healthy!

Sarah Kidder-Nguyen welcomed a son named Warner. He was born March 12, 2013 and weighed 7 pounds, 1 ounce.

2018

Samantha (Mann) Raphael and Aaron Raphael '00 welcomed a son named Fraya Danielle Raphael, on Jan. 26, 2013. She weighed 5 pounds, 5ounces.

2019

Pamela Koncius and Creigh Long announced the birth of a baby boy, Alexander Cameron. He was born on Dec. 1, 2012 in Cincinnati, Ohio, and weighed 8 pounds, 6 ounces. Everyone is happy and healthy!

Sarah Kidder-Nguyen welcomed a son named Warner. He was born March 12, 2013 and weighed 7 pounds, 1 ounce.

2020

Samantha (Mann) Raphael and Aaron Raphael '00 welcomed a son named Fraya Danielle Raphael, on Jan. 26, 2013. She weighed 5 pounds, 5ounces.

2021

Pamela Koncius and Creigh Long announced the birth of a baby boy, Alexander Cameron. He was born on Dec. 1, 2012 in Cincinnati, Ohio, and weighed 8 pounds, 6 ounces. Everyone is happy and healthy!

Sarah Kidder-Nguyen welcomed a son named Warner. He was born March 12, 2013 and weighed 7 pounds, 1 ounce.
in memoriam

head of the civil and structural engineering department, Jan. 10, 2013. A past instructor of basic civil engineering at the University of Pittsburgh, he was 88.

Dr. John A. Vosburgh ’45, of Red Hook, N.Y., who served in the U.S. Army Medical Corp during World War II before becoming a cardiologist who held positions that included chief of medicine at Greene County Memorial Hospital and director of the coronary care unit, April 23, 2013. A leader in numerous community activities, he was 91.

Jack W. Goldstone ’45, of New York, N.Y., April 28, 2013. He was 89.

Stephen T. Bolmer ’47, of Salisbury, Conn., who served with the U.S. Navy during World War II and taught mathematics at the Hotchkiss School, where he worked for 44 years, May 11, 2013. A volunteer and member of several community organizations, including the Salisbury Central School Board of Education, he was 87.

Arthur H. Ferber ’47, of Callicoon, N.Y. and Verona, N.J., a U.S. Navy veteran of World War II who was an engineer with Gibbs & Hill Inc. and was vice president of engineering at the Kuljian Corporation in Philadelphia, April 10, 2013. He was 90.

Rodman B. Kieft ’48, of Daytona Beach, Fla., who served in the U.S. Army during World War II and spent 48 years with General Electric before retiring as manager of logistics, Gas Turbine International Department, in 1986, March 30, 2013. Rod, an active community volunteer, was 89.

Dr. Hugh S. Wisoff ’49, of Tuckahoe, N.Y., a World War II Navy veteran and graduate of Albany Medical College who served as chairman of the Department of Neurosurgery at Albert Einstein College of Medicine and Montefiore Medical Center before retiring as clinical associate professor emeritus, March 6, 2013. He was 85.

George E. Etue ’49, of Buena Park, Calif., Jan. 11, 2013. He was 89.

1950s

Arthur A. Welch ’50, of Winchester, Va., Sept. 8, 2012. He was 89.

Edward F. Layden ’50, of Whitehall and Rexford, N.Y., who served in the U.S. Navy aboard the USS Fort Mandan, graduated from Albany Law School and managed the firm Layden & Layden with his brother for 37 years, April 13, 2013. Edward, admitted to practice before the U.S. Supreme Court in the early 1960s by then-Chief Justice Earl Warren, was 85.

William Duncan Thorne ’50, of Raleigh, N.C., who served in World War II with the Army Air Force 418th Night Fighter Squadron before beginning a career with IBM, where he was an engineer, manager and award-winning inventor, April 30, 2013. Best known for his printer development projects, he was 89.

F. Bryan Loving ’51, of St. Louis, Mo., who held a master’s of architecture, rehabilitated the Walnut Street Theatre and worked for many Philadelphia firms before continuing his career in St. Louis, May 7, 2013. He was 83.

Normand C. Blais ’52, of Albuquerque, N.M., who served with the U.S. Army during World War II in the 1269th Combat Engineering Battalion and received several honors, including the Good Conduct Medal, before earning a doctorate in physics from Yale and spending his career at Los Alamos National Laboratory, April 27, 2013. He was 87.

Philip M. Currier Jr. ’52, of Ballston Spa, N.Y., who served with the U.S. Navy during World War II aboard the USS Bassette before spending 30 years with General Electric as manager of finance, April 21, 2013. An active member of the First Presbyterian Church, he was 86.

Daniel Siesel ’53, of Sarasota, Fla. and formerly of Somers and Mamaroneck, N.Y., who served in the Korean War before becoming vice president of the Harold J. Siesel Company, an advertising and public relations firm founded by his father, May 23, 2013. He was 81.

Entrepreneur and metallurgical engineer Burton R. Payne Jr. ’41, of Glendale, Calif., died Feb. 7, 2013. He was 94.

A member of Delta Chi fraternity and the Union varsity swimming squad, he earned a bachelor of science in chemistry. Burt and his wife, Dolores, moved to Glendale in 1945 where he put his entrepreneurial and metallurgical talents to work, creating several small companies, including Pasadena Steel Treating and Payne Chemical Corporation & Heat Treating Supply.

Burt, a member of the International Metallurgical Congress who represented the United States at metallurgical conferences in several countries, also loved traveling. He and Dolores visited many corners of the world by plane, boat, train and even camel and elephant. A passionate bird hunter and fisherman, his favorite place of all was New Zealand. A dedicated, long-time supporter of Union, which he praised and remembered fondly his entire life, Burt left a generous estate gift that will enhance the Wold Building and other aspects of campus life and academics.

He was predeceased by Dolores, and survived by nieces, Judie Durfee Moser of Redmond, Ore., and Joan Kellerman Byrd of Northford, Conn., and nephews, Robert Kellerman and David Kellerman of New Haven, Conn.
Ralph L. Streever ’55, of Reston, Va., June 3, 2012. He was 77.

Victor A. Rudowski ’55, of Amsterdam, N.Y., a Merchant Marine during World War II and Fulbright Scholar who earned a Ph.D. from Harvard University in Germanic languages and literature before teaching at Harvard, the University of Cincinnati and Clemson University, March 4, 2013. He was 88.

Richard C. Schilling ’56, of Charlottesville, Va., June 20, 2012. He was 76.

Douglas P. Seholm Sr. ’57, of Huntsville, Texas, a U.S. Army medic who worked at U.S. Catheter and Instrument Co. in Glens Falls, N.Y., was chairman and CEO of University Medical Instrument Corp. in Ballston Spa, N.Y., and served in many community organizations, Sept. 4, 2012. He was 77.

William T. Wade ’57, of Rutland, Vt., who held a master’s degree in engineering from Union College and worked at New York Telephone, General Electric and United Aircraft before spending 23 years with IBM, Feb. 7, 2013. William, who also taught engineering at Delhi Technical College and enjoyed baseball and rock collecting, was 77.

Martin Bender ’58, of Charlottesville, Va., Nov. 30, 2012. He was 76.

Dr. Michael P. Novak ’58, of Schenectady, N.Y., who graduated from Albert Einstein College of Medicine and was a board certified internist and nephrologist who practiced in Schenectady for 40 years as a physician and resident physician educator, June 6, 2013. An avid runner who completed more than a dozen marathons, he was 74.

Peter V. Gray ’58, of Galway, N.Y., who served in the U.S. Navy, earned a Ph.D. from the University of Illinois, Urbana, and spent his career with GE, eventually becoming a solid-state research physicist in the semiconductors studies section of the company’s Research Lab, June 22, 2013. Peter, who enjoyed gardening and music, and held several patents, was 84.

Bernard Kazmierczak ’59, of Raleigh, N.C., a U.S. Air Force captain who spent 39 years with IBM, rising to senior engineer/manager, Feb. 9, 2013. An avid cyclist and outdoorsman who spent time along the Appalachian Trail and in places like Okefenokee Swamp and Uwharrie National Forest, he was 77.

1960s


Dr. Steven L. Eisen ’62, of Bethlehem, Conn., a neurologist who was medical director of neurology and stroke, chief of medicine and later chief of staff at Waterbury Hospital, and served on the clinical faculty at Yale School of Medicine, March 11, 2013. Also active with many community organizations, he was 72.

Dr. Joseph J. Palombi ’62, of Reston, Va., March 27, 2013. He was 71.

James A. Addison ’62, of Glenville, N.Y., who earned a mechanical engineering degree from Union and retired after 42 years with GE in 1998, April 28, 2013. Jim, who enjoyed golf and was a communicant of St. Adalberts, was 74.

Lawrence E. Kugel ’63, of Somers, N.Y., who spent 30 years working with IBM, primarily at the Watson Lab, and designed the first IBM 3D six-degrees freedom joystick, May 2, 2013. Larry, who also taught math, physics and science in Westchester and Rockland county schools, and who held many organizational and community memberships, was 71.

John M. Carden ’63, of Dunwoody, Ga., who spent 26 years with Atlantic Electric in South Jersey and attained the position of vice president of operations before starting his own electrical forensic engineering practice, April 27,
2013. A member of St. Patrick’s Episcopal Church in Dunwoody, he was 74.

Robert D. Bulson ’64, of Hatboro, Penn., owner of Shell Starwash in Willow Grove, Feb. 22, 2013. He was 70.

James D. McLaughlin ’64, of Albany, N.Y., a U.S. Army veteran who served at Fort Knox, Ky., during the Vietnam War, and worked at AT&T Long Lines, Fort Knox and the Veterans Administration in Albany, April 23, 2013. He was 71.

Charles F. Zub ’65, of Baptistown, N.J. and formerly of London, England, who earned an M.B.A. in quantitative methods from Kellogg School of Management at Northwestern University, March 25, 2013. He was 70.

1970s

Richard M. “Dick” Price ’71, of Mechanicsburg, Penn., who retired from the finance and banking industry in 1996, enjoyed reading, cheering on the Steelers and Red Sox, and spent many years coaching youth baseball, March 9, 2013. He was 64.

Dr. Kenneth B. Kochmann ’71, of Cockeysville, Md., who was a social worker before earning his medical degree at the University of Maryland School of Medicine in 1991 and opening a private practice near Baltimore, March 8, 2013. Kenneth, who was 63, later joined Family Medicine Associates in Timonium.

Paul H. Ulatowski ’71, of Elmhurst, Ill., Feb. 4, 2013. He was 63.

Peter R. Brayton ’72, of Santa Fe, N.M., who held a Ph.D. in epidemiology from the University of Michigan, Ann Arbor, and was the administrator of the Cooperative State Research, Education and Extension Service of the U.S. Department of Agriculture from 1984 until 2008, Feb. 27, 2013. He was 62.

1980s

Nancy Rockland-Miller ’80, of Leverett, Mass., who practiced psychotherapy in the valley for 21 years and was also a singer-songwriter and folk-rock musician who released two original CDs, April 19, 2013. A graduate of Yeshiva University, where she earned a M.S.W., she was 54.

William P. “Wil” Hallgren ’81, of Brooklyn, N.Y., who taught at the High School of Art and Design and at Murry Bergtraum High School, and was an adjunct professor at Long Island University, Medgar Evers College and Saint Francis College, June 3, 2013. The author of a forthcoming book of poetry called “Where Three Roads Meet—A Short History Undone,” he was 54.

Sally B. Van Schaick ’58, of Schenectady, N.Y., a longtime school teacher who was the first woman to graduate from Union College, died April 5, 2013. She was 90.

At Union, Sally resumed pursuit of an English degree, which she began some years earlier at Duke University and Stetson University in Florida, where she met her husband, John Van Schaick.

“I was a bit sneaky,” she told the Daily Gazette in 2008 of her time at Union. “I started taking night courses, and I don’t think they were paying that much attention to me.”

When she graduated in 1958, then-Mayor Samuel Stratton named her a Schenectady Patroon, in honor of her achievements as the first woman to earn an undergraduate degree from the then-all-male College.

While raising her family, Sally went on to spend 30 years teaching in the Schenectady City School District at Linton High School and Zoller Elementary. She and her husband were instrumental in the strike of 1975 to improve teachers’ jobs.

Also a staunch member of the Schenectady Democratic Party, she lost a close race to Assemblyman Jim Tedisco ’72 in 1990. In 2010, the party recognized her with its Lifetime Distinguished Service Award.

Sally served 18 years as a member of the Board of Directors of Planned Parenthood. A passionate environmentalist, she helped found the Environmental Clearinghouse of Schenectady. She was very active in the Schenectady County Historical Society.

In 2007, Sally was again named a Schenectady Patroon, this time with her husband, by then-Mayor Brian Stratton. The honor was given for the couple’s overall contributions to the city.

Sally was predeceased by her husband, John, and daughter, Holly. She is survived by sons, Peter Van Schaick, John K. “Jake” Van Schaick (Fran), and Derry Sontag (Tamara); and daughters, Nancy Fisher (David) and Kate Dalby (Rick).
Patricia Ann Lawson ’83, of Schenectady, N.Y., who held a master’s degree from State University at Albany and worked for many years as a vocational rehabilitation counselor at Samaritan Hospital in Troy, March 17, 2013. A lover of boating, hiking, nature, art and music, she was 77.

1990s

Aaron Taylor Rees ’95, of Ipswich, Mass., who worked for Phillips in North Andover marketing medical devices, and who loved mountain biking, hiking, traveling and kayaking, March 19, 2013. He was 40.

Friends of Union

Thomas L. Litts, of Schenectady, N.Y., who retired as facilities services electrical foreman in 2009 after 42 years with Union, April 25, 2013. Tom, who enjoyed fishing and the outdoors, and was a member of the Adirondack Bluegrass League, was 69.

Eleanor M. Sarnacki, of Schenectady, N.Y., a graduate of St. Peter’s Nursing School who served as a first lieutenant in the U.S. Army Medical Corps during World War II at hospitals in N.Y., N.J. and the China-Burma-India Theater, June 4, 2013. Eleanor, who later worked many years in the Union College infirmary, was 97.

The College mourns the loss of William “Bill” Thomas, professor emeritus of French who for three decades dedicated himself to worrying over the many details of international study and accumulating lifelong friends who were transformed by a term abroad. He died at his home in Schenectady on June 11, 2013. He was 72.

The retired director of International Programs understood that, more than learning a language and a culture, the most valuable thing a student gains from a term abroad is independence. When he retired two years ago, letters poured in from grateful alumni.

“Prof. Thomas has impacted the lives of thousands of students through these programs,” wrote Steve Hartman ’87. “He made the world smaller and more familiar for the Union students who took the adventure. He had unending passion, was always exploring new countries, and continuously built the program with the energy of the faculty and students.”

An avuncular figure, Thomas lightly admonished students to be on time for travel and to be courteous in their host locales. But he also bailed them out of trouble when an exploration went awry.

He seemed to recall the biographical details of every student he’d ever met, and he made something of a second career out of cultivating those relationships. He kept track of their jobs, spouses and children through phone calls, letters, emails and Facebook. Alumni were frequent visitors to his office, crammed tight with books and French newspapers. Many of his students were children of alumni.

An engaging conversationalist who often held court outside the Humanities Building, he chronicled the vagaries of campus life with his gently sarcastic humor. He often knew the most interesting—but sometimes unprintable—details of campus news, and was a frequent source and sounding board to colleagues in the Office of Communications.

A native of Buffalo, he fell in love with the small college atmosphere at Hamilton College, where he majored in French but did not study abroad. He earned his doctorate from the State University of New York at Buffalo and taught there and at Université d’Orleans-Tours before joining Union in 1969.

His efforts have been recognized by Union and other institutions. Czech Technical University in Prague awarded him a medal for arranging an exchange of engineering students. York St. John University in England, another longtime exchange partner with Union, made him an honorary fellow in a grand commencement ceremony at York Minster Cathedral. In 1992, he received the Alumni Gold Medal from Union’s Alumni Council.

Survivors include his former wife, Ann, slide curator in Visual Arts; his son, Andrew S. of New York City, and his wife, Heloise; a daughter, Caroline E. of Washington, D.C.; and two grandchildren, Chase and Jasper of New York City.

Interment was in the College Plot in Vale Cemetery.

Memorial contributions may be made in care of College Relations, Union College, 807 Union St., Schenectady, NY 12308.
Standing 4,400-feet above sea level, Hough Peak is 23rd among the Adirondack Park’s most famous summits—the 46 High Peaks. But this one, trail-less and part of the impressive Dix Range, is more than just an adventure for intrepid hikers.

There’s a Union man behind the mountain, a man who was arguably the first to demand protection for this New York wilderness.

Franklin B. Hough, Class of 1843, was born in 1822 in Lewis County on the north-western side of the future Adirondack Park. During one of his brief stints away from the region, he earned a medical degree from Western Reserve College in Ohio in 1848.

But being a doctor was seemingly a secondary priority for Hough. He discontinued his medical practice in St. Lawrence County (northern Adirondacks) in 1852, after just four years. From that time on, he devoted himself to writing, mineralogy (a variety of hydro-talcite is called houghite) and most especially forestry.

Hough’s books about the histories of northern New York counties led to his appointment as superintendent of the 1855 state census. In 1862, he served as a surgeon with the 97th New York Volunteer Infantry during the Civil War, and after its conclusion, headed the 1865 state census.

The job was the fulcrum of Hough’s life, and it would make him the man many historians now call the father of American forestry.

Comparing the 1865 census with its predecessor in 1855, Hough was alarmed to see a declining trend in the availability of Adirondack timber, used heavily at the time by lumber, leather tanning and iron industries. With additional evidence to back his observations from the 1870 census, which he also supervised, he presented a paper, *On the Duty of Governments in the Preservation of Forests*, at the 1873 meeting of American Association for the Advancement of Science (AAAS).

Hough argued that Mediterranean countries had done great damage to the environment by over-harvesting trees. To avoid this in the United States, he suggested the regulation of forests, the establishment of forestry schools, and even outlined seven laws to protect and regulate the use of U.S. woods.

Intrigued, the AAAS appointed a committee, which included Hough, to bring the matter before the federal government. After lobbying for nearly three years, Congress passed a bill that provided funds for the appointment of a special forestry agent within the Department of Agriculture. The job went to Hough, officially making him the first federal forestry expert. He was tasked with investigating the forest and lumbering situation in America, work that resulted in the mammoth, 650-page *Report on Forestry* in 1877.

Shortly thereafter, in 1881, the Division of Forestry was created. As its chief, Hough continued to push for public control of woodlands, withdrawing all acreage owned by the government from sale, to ensure conscientious, productive and cost-effective management. He had advised New York state several years before, in 1875, that Adirondack state lands could be leased or used for commercial or recreational purposes with great success, given proper oversight.

Despite Hough’s organization of the first meeting of the American Forestry Congress in 1882, and his continual argument for reform, no significant action to protect timber resources would be taken in Washington, D.C. for a decade.

In fact, New York beat the feds to it by six years.

In May 1885, just before Hough’s death, the state took momentous action, passing the Forest Commission Act. The first comprehensive measure for timberland conservation in the country, it established the Adirondack and Catskill Forest Preserves. It also endowed the new Forest Commission with power to further the productive growth of trees, while simultaneously protecting them from destructive over-harvesting.

Washington passed its Forest Reserve Act in 1891, well after Hough died of pneumonia on June 11, 1885 in Lowville, N.Y., where he’d lived much of his adult life. He was 63.
REMEMBERING A GRADUATE
WHO REACHED HIGHS IN THEATER
AND ON ROLLER COASTERS

Every time Richard Bernstein attends Union’s Scholarship Luncheon, he gets a warm feeling inside. “I look around campus, think of the good times my son had here,” he said. “I think about how his name will go on in perpetuity through the endowed scholarship fund and help students for years and years. It makes me feel really good.”

Richard established The Mitchell D. Bernstein Endowed Scholarship Fund in honor of his son, a 1985 graduate who died at age 45 in 2009 of pancreatic cancer. Mitchell majored in political science and pre-law at Union.

“Mitch wanted to go to a small school with a fine reputation,” his father said. “He made wonderful friends and was active in the theater. Even after he had gone on to law school at Syracuse, he liked to return to Union to see productions.”

As a partner with a New York firm, Mitch had a successful career in intellectual property and entertainment law. His clients included producers of award-winning children’s TV series, reality and game show creators, and actors. He was involved in various film, theater and television projects, including co-producing the highly successful Broadway play “Spring Awakening.”

Perhaps Mitch could easily weather the highs and lows of show business because of another passion. “He had a strong fascination with roller coasters,” Richard said. “He and a couple of buddies traveled around the country to ride roller coasters. Any time a new one opened, they had to try it out.”

Following Mitch’s death, Richard, who divides his time between New Jersey and Florida, began hosting a dinner for Mitch’s friends on his son’s birthday, November 2. He also established the scholarship fund, which is directed to students majoring in pre-law or the arts. He contributes annually, and his will includes a bequest that will benefit the fund. Every year at the dinner he asks Mitch’s friends to contribute.

“If you want to remember someone, this is the best way to do it,” Richard said. “This scholarship is going to go on forever, and his legacy will be doing good for students all the way down the road.”

TO LEARN MORE, PLEASE CONTACT:
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(518) 388-6156
cavaliej@union.edu
www.union.plannedgifts.org
Tens of thousands of ladybugs were released on campus in May to control pests like aphids. Learn more on p. 10.