UNION // OUR PLACE
MESSAGE FROM PRESIDENT STEPHEN C.AINLAY, PH.D.

Many academic disciplines focus on the importance of what is often called “place identity.” Geographers, sociologists, psychologists and architects—to name a few—know well the power of a physical setting in creating strong bonds, memories and emotions. Each year at ReUnion, returning alumni marvel at the campus and the vivid memories and emotions it evokes. They say that the campus seems like home, that it recalls their lifelong connections to people and learning, and that it makes them feel that they are part of an endeavor larger than themselves.

That is precisely what a French architect, Joseph Ramée, had in mind when he partnered with President Eliphalet Nott to create a beautiful and enduring campus for a community of learners. During our bicentennial celebration of the Ramée Plan in 2013, it was clear that our place—this campus—has been an important reason for the success of Union College.

But our sense of place transcends our campus. We have a place in the city, where we live and where we help our neighbors. We have a place in the region—from Albany to the Adirondacks—where our people make valuable contributions in a variety of fields. We have a place in the nation, where we are a respected leader in the liberal arts and engineering. And our sense of place goes beyond mere geography. It exists in our academic success, the “place” we occupy in the academic world. This sense of place stems from the roles we play in advancing causes, in our outreach to understand the experiences of others, in the team efforts we put forth, in our efforts to conserve our valuable resources and in the funds we raise to make a difference.

The achievements of the past year are powerful testimony to the fact that what Ramée and Nott envisioned for Union College has become a reality. I thank all those who played a role in advancing the mission of our College.

The title of this year’s President’s Report—Union: Our Place—is meant to convey more than a pride we have in our home. It describes the privilege we enjoy and the responsibility we uphold to play a role in the larger world. It is the spirit we share in making a difference.
College announces plan to build new Wicker Wellness Center

Kelly Adirondack Center hosts author and historian Martin Podskoch for lecture on Civilian Conservation Corps Camps in the Adirondacks

Emily Reilly, director of HR at GlobalFoundries, is keynoter at Annual Business Campaign kickoff

South African freedom fighter talks on “One Man’s Story of Apartheid”

Study by Prof. Joshua Hart suggests men’s insecurities may lead to sexist views of women.

Men’s ice hockey tallies 5-2 victory over RPI; team ranked ninth in nation

In interview with Capital District Business Review, Pres. Ainlay relates passions for Union, music and motorcycles

College commemorates bicentennial of Ramée’s campus plan

Applications top 5,000 for fourth time in history

The Peter Irving Wold Center earns LEED Gold status, one of highest honors for sustainable design

This photo of Piseco Lake in the Adirondacks was featured in a show of photos by Matt Milless at the Kelly Adirondack Center.
FEBRUARY
Winter dance concert explores changing seasons, splendor of nature
Founders Day celebrates legacy of William Henry Seward
College dedicates Kelly Adirondack Center

MARCH
Historian Don Papson talks on “Abolitionism in the Adirondacks”
Presidential inaugural poet Richard Blanco shares latest work with campus
College hosts annual Mohawk Watershed Symposium
Two seniors earn Watson Fellowships

APRIL
Acclaimed Irish author Anne Enright reads from works
Symposium celebrates bicentennial of Ramée campus plan
Campus rallies for Terry Miltner, employee, parent, heart transplant candidate

MAY
450 students showcased at 23rd Steinmetz Symposium
Athletics’ home run derby benefits Mass General Cancer Center
Adirondack Week events bring Blue Line closer

JUNE
Union hosts annual national symposium on integrating liberal arts and engineering
Civil Rights pioneer John Lewis tells grads, “get in the way”

The academic year at a glance
THE CAMPUS

We owe much to the vision of President Eliphalet Nott and the genius of campus architect Joseph Ramée. Together they created a campus that for generations has been a welcoming and inspirational setting for learning.
Ramée recalled as ‘man with a plan’

In the bicentennial year of the campus plan, we paid tribute to the genius of campus architect Joseph Ramée through a series of events and programs. We thank architecture historian Paul Turner ’62 for so much of what we know about Ramée, the Union campus and the impact of both on American college campuses at large. Paul, professor emeritus at Stanford University and the author of two landmark books on Ramée and campus architecture, was a keynote speaker at a symposium in April, “Surveying the College Landscape.” Paul also was instrumental in assembling a fascinating exhibit and companion gallery book for a show of Ramée’s drawings in the Mandeville Gallery.

The celebration of Union’s history was not lost on the students, a number of whom have served as Ramée Guides. James Underwood, the Chauncey H. Winters Professor of Political Science Emeritus, recruited students to give historical tours of campus for visiting groups and at events such as ReUnion and Homecoming.
New Steinway is ‘perfect’

A Steinway concert grand piano, donated by Trustee Kelly Williams ’86 and her husband, Andrew Forsyth, is the new musical centerpiece of Memorial Chapel and the acclaimed Union College Concert Series, which features internationally-renowned musicians in an acoustically superb setting. Last fall, a piano selection committee from the College met at the Steinway factory in Queens, N.Y., where the group picked the best piano for the hall with the help of renowned pianist Jonathan Biss. “It’s a blessing for us,” Williams said after a concert by Drew Ivarson ’15 on the new piano. “It’s not often that you can give a gift that can be enjoyed so much, so often and by so many. For me, it’s the perfect gift.”

Concert series in 42nd season, with new director

Now in its 42nd season, the renowned Union College Concert Series brings the world’s finest chamber music to Memorial Chapel. The 14-date series features such luminaries as Jeremy Denk, Emanuel Ax and the Emerson String Quartet. The series is made possible through the tireless work of our director, Derek Delaney, now in his second year. Dr. Dan Berkenblit, who stepped down after 33 years as series director, continues to serve in an advisory capacity. We owe much to Derek and Dan as they continue to bring the very best chamber music performers to Union College.
OUR PLACE //

IN HIGHER EDUCATION
A range of events during the 2012-13 academic year were emblematic of the breadth and depth of a Union education.

Prof. Lorraine Morales Cox teaches courses in art history of Europe and the Americas, which contribute to interdisciplinary programs across the curriculum.
Together, engineering and liberal arts

For the sixth year, the College hosted a conference on integrating engineering and the liberal arts, which has attracted national attention, including a feature in the Chronicle of Higher Education. In 1845, Union became the first liberal arts college to offer engineering in response to the needs of a nation characterized by rapid industrial and urban growth. This year’s symposium was funded in part by the David Falk ’39 and Elynor Rudnick-Falk Endowed Fund and the Laurence W. Levine ’52 and Barry Traub ’53 Endowed Lecture Fund. Previous supporters have included the William and Flora Hewlett Foundation, and the Andrew W. Mellon Foundation.

Steamnet Symposium
As always, classes were canceled and students did the presenting at the annual Steinmetz Symposium. But what made this year different was the numbers. The 2013 showcase of scholarly and creative achievement brought out nearly 450 students—more than one-fifth of the student body. The growing popularity of the 23rd annual symposium, now in its 23rd year, reflects the type of hands-on, faculty-mentored undergraduate research that is a staple of the Union experience.

Members of Union’s SAE Aero Team were among those to participate in the annual Steinmetz Symposium
Teagle grant to support advising

Union is creating a web-based advising tool to give students a creative approach to designing their academic careers under a grant awarded by the Teagle Foundation of New York. The College is one of three institutions—with Gettysburg College and Washington and Lee University—sharing a $230,000 grant for projects aimed at improving student learning outcomes.

Strategic Plan

The new Strategic Plan, revised from 2007, can be summarized in three words: think, connect and act. Union encourages students to think broadly and strategically, to make connections with others and across a range of disciplines, and to act in ways that contribute to the betterment of society. “Our students rely on the College to provide the opportunities and resources to become effective contributors to our society and to lead interesting and meaningful lives,” said Acting President Therese McCarty. “The strategic plan focuses our collective thought and energy on reaching this goal.” The Board of Trustees affirmed the Strategic Plan at its May meeting. For more on the Strategic Plan, visit: http://www.union.edu/offices/president/publications/strategic-plan/

Founders Day speaker: Seward shaped by College

Statesman William H. Seward of the Class of 1816, who helped lay the foundations of a great empire even as the nation was embroiled in the Civil War, carried an optimism about the future of the country that he first expressed as a graduating senior. Walter Stahr, author of Seward: Lincoln’s Indispensable Man, delivered the keynote address at the Founders Day convocation to commemorate the 218th anniversary of the granting of the College’s charter in February. “The view of the Union that Seward first expressed here, at Union College, remained his view throughout his life,” said Stahr.
Faculty accomplishments

James de Sève, lecturer in film studies, has co-produced (with Kian Tjong) a documentary, *ManDove*, which follows Indonesian men as they raise highly-prized zebra doves and enter them in singing competitions. The film has been screened to acclaim at festivals and universities worldwide.

An interdisciplinary team of faculty researchers—Samuel Amanuel, assistant professor of physics and astronomy; Palmyra Catravas, associate professor of electrical and computer engineering; Brian Cohen, lecturer of biology; Rebecca Cortez, assistant professor of mechanical engineering; and Michael Hagerman, associate professor of chemistry—have secured a National Science Foundation grant of $308,000 to acquire an inverted optical microscope for a shared instrumentation suite. The new microscope will be integrated with the College’s atomic force microscope to enable new research for faculty and students in Biology, Chemistry, Physics, Electrical and Mechanical Engineering.

Leo Zaibert, professor of philosophy and chair of the department, has been awarded a prestigious H.L.A. Hart Visiting Fellowship at the Oxford Centre for Ethics and Philosophy of Law. Zaibert is one of four fellows selected for 2013-14 to spend a term at CEPL, known as “home to many of the leading figures in legal theory in modern times.”

Christopher Chabris, associate professor of psychology, co-authored an opinion piece in the *New York Times*, questioning the safety of Google’s latest invention, Google Glass. Chabris, with co-author Daniel Simons, a professor at the University of Illinois, questioned whether the invention disrupts crucial cognitive capacities.

As professors, Union College faculty are leading scholars and practitioners in their disciplines. That experience energizes their classes and their students.

Robert Olberg, the Florence B. Sherwood Professor of Life Sciences, researches the role a tiny set of visual neurons play in allowing dragonflies to track and intercept their prey.
Robert Hislope, associate professor of political science, contributed a chapter to *The Handbook of Political Change in Eastern Europe*. His section analyzes the evolution of the party system in the Republic of Macedonia.

David Gillikin, assistant professor of geology; and Donald Rodbell, professor of geology, were awarded a National Science Foundation grant of $325,000 to acquire a continuous flow Delta V Plus isotope ratio mass spectrometer (IRMS) and supplemental components to support interdisciplinary research. The equipment, which will also be used by students and faculty in chemistry and biology, will help to address questions regarding interactions of geochemical, atmospheric, hydrologic, and biotic systems.

Stephen Berk, the Henry and Sally Schaffer Professor of Holocaust and Jewish Studies, was named a Citizen Laureate by the University at Albany Foundation for his work as an internationally renowned scholar of the Holocaust and Jewish history. The award, the foundation’s most prestigious honor, was presented this fall.

Roman Yukilevich, assistant professor of biology, gave a seminar at New York University’s Biology Department on speciation of the Drosophila genus. His talk, “Why Sympatry Breeds Contempt and Who is to Blame?” showed that species occupying the same geographical areas will rapidly evolve mating discrimination, and this will often occur via male mate choice in many species.

A new CD of compositions by Hilary Tann, the John Howard Payne Professor of Music, was released by Arizona University Recordings, featuring Tann’s work performed by saxophonist Susan Fancher. The pieces range for solo soprano saxophone, through duos and trios, to “Shakkei,” a concerto performed live during the XV World Saxophone Congress in Bangkok, Thailand.

An article co-authored by Zoe Oxley, professor of political science, was published in *Women as Political Leaders*. “Why No Madam President?: Gender and Presidential Politics in the United States” is featured in the publication’s 2013 edition.

Rebecca Surman, professor of physics, received a grant of $102,000 from the Department of Energy to support her research, “Neutrino and Nuclear Physics of Heavy Element Synthesis.” The DOE has sponsored her research since 2005, which includes advances in the field with each successful renewal. Prof. Surman works closely with undergraduate research assistants.

Roger Hoerl, the Donald C. Brate ’45-Stanley G. Peschel ’52 Assistant Professor of Statistics, received the Statistical Advocate of the Year award from the Chicago Chapter of the American Statistical Association. The award, which recognizes those who successfully advocate for the importance of data and sound analysis in a variety of sectors, also celebrates the contributions of the late Harry V. Roberts, a noted statistician whose work had a significant impact on the practice and teaching of statistics.

Ann Anderson, the Agnes S. MacDonald Professor of Mechanical Engineering, and Mary Carroll, professor of chemistry, were awarded a $50,000 grant from the NSF’s Innovation Corps Teams program, enabling them to study the feasibility of commercializing their patented rapid supercritical fabrication method for making aerogels. Union was one of 42 teams selected from more than 270 applicants and is one of the first undergraduate institutions to take part in the program. Others on the team include Bradley Bruno, associate professor of mechanical engineering, Jose Eduardo Madero Munoz ’12, Lauren Brown ’11 and Michael Newell ’74.

Union has received a $50,000 planning grant from the Andrew W. Mellon Foundation. “Our Shared Humanities” supports humanities faculty in developing and strengthening collaboration with colleagues across campus to encourage humanistic inquiry throughout the curriculum. Christine Henseler, associate professor of Spanish, is leading the effort.
 Faculty Accomplishments, continued

Andrew Burkett, assistant professor of English, participated in a panel discussion for PBS-WMHT on the popular series Downton Abbey. Burkett talked about his course, “Manor House: British Manor Life in Fiction and Film.” He also addressed public fascination with the series in relation to the genre of manor house literature including Evelyn Waugh’s Brideshead Revisited, Kazuo Ishiguro’s The Remains of the Day, E.M. Forster’s Howard’s End and Sarah Waters’ The Little Stranger.

John Rieffel, assistant professor of computer science; Ann Anderson, professor of mechanical engineering; and Steven Rice, professor of biology, have been awarded a grant of $334,000 from the National Science Foundation for 3D printer that will enable novel multi-disciplinary research in prototyping. They will be joined by other faculty including Takashi Buma, assistant professor of electrical and computer engineering; Michael Hagerman, professor of chemistry; and Robert Olberg, Florence B. Sherwood Professor of Life Sciences, in launching a new era of innovative research with applications ranging from the neuromechanics of dragonfly prey capture to the manufacture of novel aerogel coated surfaces to the design of completely soft robots.

Andrew Morris, associate professor of history, was featured in C-SPAN’s “Lectures in History” series. Morris and students in his “Cold War America” course discussed the dramatic growth of U.S. suburbs created by the return of World War II veterans. The episode had numerous airings.

Seniors awarded Watson Fellowship

Two seniors—Joshua Anderson and Shilpa Darivemula—are among 40 students nationwide to receive the prestigious Thomas J. Watson Fellowship to spend the next year pursuing their passion. Anderson will travel through the United Kingdom, Denmark, Belgium, Nepal and Tanzania in support of his project, “Holistic Self-sufficiency: Exploring the Intersection of Community, Innovation, and Self.” Darivemula will study communal healing through dance in Bolivia, Ghana, Indonesia and Cambodia. The Watson Fellowship provides a one-year grant of $25,000 for independent study outside the U.S.

2013 Minerva Fellows

Nine grads of the Class of 2013 are representing the College globally as Minerva Fellows. They are working in developing countries while paired up with a social entrepreneurial organization. They will work for 11 months and return to the College and live in a Minerva house for one month, where they will participate in a social entrepreneurial course and introduce students to their experiences abroad. Listed by organization and country, they are: Meredith Adamo, Save the Children, Nicaragua; Eric Spector, Bagru Textiles, India; Ben Weiner, Engeye Health Clinic, Uganda; Jacqui Smith and Andrew Vinales, Yanapuma Foundation, Ecuador; Ariel Blum and Rebecca Duffy, The Global Child, Cambodia; James “Rogan” Quinn, Wellbody Alliance, Sierra Leone; and Winnie Wakaba, The Gift of Hope, South Africa.
The Class of 2016

A record 5,725 applications yielded a class of 564 members of the Class of 2017.

- Class Size: 559
- Admit Rate (most selective ever): 37%
- Students of diverse backgrounds: 19%
- International Students: 8%
- Percent from outside New York state: 70%
- States represented: 26
- Countries represented: 13
- High school rank—Top 10% of class: 64%
- Average SAT score (of those provided): 1950

Lucas Viani ’14, a physics major from North Hero, Vt., has earned a Goldwater Scholarship, the premiere undergraduate award for students pursuing careers in mathematics, natural sciences and engineering. Viani has worked as a research assistant with Rebecca Koopmann ’89, associate professor of physics and astronomy, on an investigation of a galaxy’s environment and its impact on star formation and galaxy evolution.

Three students received grants from the Benjamin A. Gilman International Scholarship Program to help fund their terms abroad. They are Ralph Cueva ’13 and Lucas Rivers ’15, for a term abroad in China; and Jasmine Roth ’14, Vietnam. More than 850 undergraduate students from 324 colleges and universities across the United States were selected for the scholarships, sponsored by the U.S. Department of State’s Bureau of Education and Cultural Affairs. The program is administered by the Institute of International Education (IIE).
‘Get in the way,’ Lewis urges grads

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 250,000 people gathered at the Lincoln Memorial to hear Dr. Martin Luther King Jr.’s iconic “I Have a Dream” speech. Lewis is the last surviving speaker from the march. “You must get in good trouble, necessary trouble. 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.”
Understanding diverse perspectives
Inaugural poet speaks of ‘One Today’
A month after Richard Blanco’s poem “One Today” celebrated the unity and diversity of America at President Barack Obama’s second inauguration, he was on campus to meet with students and describe the process of writing a poem that captured the experiences and aspirations we share. Of writing about America as a family, he said, “It was a great challenge, but also a great learning experience—and it opened up new creative possibilities for me, for my work.”

Spring colors
Holi, the colorful Hindu festival, commemorates the renewal of spring. Students celebrate by throwing colorful powder on themselves, and each other.

Hijab for a Day
The Hijab, a headscarf worn by Muslim women, was the common bond for people of all faiths during “Hijab for a Day.”
Thirty students took a 10-day trip to Israel over winter break, 27 of them through Taglit-Birthright Israel: Hillel, the largest-ever Union contingent on the popular cultural immersion experience. Many students deemed it, in the words of Matt Halman ’15, “the best learning experience of my life.”

Israel trip called 'best experience of life'
A Holocaust Remembrance Grant from the David and Fela Shapell Family Foundation and Hillel supported presentations by a witness, Murray Jaros, who spent his childhood in the woods of Poland with a Nazi resistance unit; and monologist and singer Shira Goldberg, whose grandmother, Judith Ginsburg, fought with two resistance units. “This program engaged students in Holocaust remembrance while linking to Professor Stephen Berk’s Holocaust class,” said Director of Union College Hillel Bonnie Cramer. “I am grateful for the opportunity Hillel International has given our campus to enhance Holocaust education.”

South African freedom fighter chronicles end of Apartheid
Eddie Daniels, a South African freedom fighter and prison mate of Nelson Mandela spoke about his experience helping to end racial segregation in his country. His visit was part of the Presidential Forum on Diversity, established by President Stephen C. Ainlay in 2007. Previous speakers have included faith leader Eboo Patel, poet Maya Angelou, journalist Soledad O’Brien, law professor Lani Guinier, Broadway star Anthony Rapp, actress Marlee Matlin and activist Morris Dees.
OUR PLACE // ON A TEAM
Finding success together

For Union student-athletes, the rewards came from working together toward a shared goal. Success also came in the form of the inspiration as they helped others in the community.

TEAM ACCOMPLISHMENTS

**Men’s ice hockey** had another memorable season, finishing at 22-13-5 (10-8-4 in ECAC) and clinching its fourth straight 20-win season. They played their best hockey when it mattered most, stringing together a seven-game winning streak en route to a second straight conference championship. They earned their third straight trip to the NCAA tournament defeating defending national champion Boston College before falling to Quinnipiac.

Women’s ice hockey surpassed last year’s win total with seven and took a first-ever win at Rensselaer. Goaltender Shenae Lundberg ’15 was a critical part of the team’s success. She was twice named ECAC goaltender of the week, and was goaltender of the month for December. They team set a new high in power play goals with 17.

Men’s basketball capped a 20-6 season thanks in large part of **Keven Donohue ’13** making the fifth-all-time leading scorer with 1,499 career points. The team finished second in the Liberty League with a 12-4 record.

**Anne Trojanowski ’15** headlined women’s **swimming and diving** with new program records in the 1,000 and 1,650-yard freestyle events with times of 10:27.56 and 17:22.99, respectively. She earned Liberty League Swimmer of the Week three times and named to the conference’s Honor Roll. The men’s team kicked off the season capturing their opening meet in the Union Relays, the first time the Dutchmen have accomplished that feat since 2005. **Zack Wahl ’14** was named Liberty League Swimmer of the Week three times.

**Tosin Kazeem ’14** led men’s **track and field** with an ECAC championship win in the 60-meter dash with a time of 7.09 seconds. **Bethany Crowe ’13** and **Bonnie Deyo ’16** have been the top performers for the Dutchwomen this season, tallying multiple top-10 finishes. In the 60-meter hurdles, Crowe has finished as high as third while Deyo’s top mark was fifth in the triple jump.

**Keven Donohue ’13**

**Keven Donohue ’13** was a finalist for the Josten’s Trophy, a national award created by the Rotary Club of Salem, Va., to honor men’s and women’s basketball players of the year. The award considers basketball ability, academic prowess and community service.

**Amy Loya ’14**

The William Lockyer Community Service Award was presented to women’s basketball junior guard **Amy Loya ’14**. Loya has provided volunteer service with Best Buddies, Toys for Tots and Hurricane Irene. She also presented her research at a biomedical engineering conference. She pulled down 12 rebounds against arch rival RPI and played in 24 games for the Dutchwomen.
TEAMING UP FOR CHARITIES

Softball teamed with members of Franklin Pierce softball squad to hold a clinic that raised funds for the Deanna Marie Rivers Foundation, named in memory of a Shenendehowa High School student who was killed in a car accident on Dec. 1, 2012.

Eleven members of the football team were among the many who got their heads shaved—and raised nearly $4,000—during the annual St. Baldrick’s Foundation event.

Women’s basketball made some new friends at Scotia Middle School, where they met the sixth grade travel team for a clinic. The Scotia players, regulars at Union’s home games, learned everything from dribbling skills to layups. “We loved the energy that the players brought, and it was a great feeling to help out a local team that we could all relate to,” said player Brittney Kenney ’14, who organized the event.

Prior to the start of the season, Union’s men’s and women’s swimming participated in the annual “Leave it in the Pool Hour of Power.” Head coach Scott Felix and his student-athletes were able to raise over $1,000 for cancer research that went to the Ted Mullin Fund for Pediatric Sarcoma Research at the Comer Children’s Hospital at the University of Chicago.

Hockey in Harlem

Men’s ice hockey traveled to Lasker Rink in New York City’s Central Park last December to host a clinic with Ice Hockey in Harlem, an organization that promotes the sport and educational opportunities for children in the community. Union’s players skated with the children and ran skill sessions before a scrimmage at the end of the day. Garnet Blades member Matt Cohen ’98 approached Coach Rick Bennett about setting up the event.

Hockey in Harlem

Athletes to cancer: Outta here

Student-athletes and other homerun hitters scored more than $14,000 for the Massachusetts General Hospital Cancer Center in an effort that began in June with ‘Justin’s ‘Just Out’ Home Run Derby. The event, named for Justin Lloyd ’16, a member of the baseball team who is underwent chemotherapy, drew dozens of teammates and other friends.

Women’s crew last fall took part in the Dragon’s Alive initiative, an Albany-based cancer survivor community that celebrates life and wellness through the paddling sport of dragon boating. Crew members learned to paddle the dragon boats and participated in an event on the Mohawk River.

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Lacrosse midfielder Adam Rosenthal ’15 spent two months over the summer on a service trip to Jamaica, promoting the game he loves while building community in Jamaica. He teamed with the non-profit Fields of Growth, which uses lacrosse to achieve a positive social impact in developing countries. “This was the first time that Jamaicans have had this much access to the sport of lacrosse, with college coaches and players coming down every week to spread the game,” he said. “It was a great experience.”

Student-athletes from all teams came together in a variety of events for Kristen’s Kause. Together, they raised nearly $20,000 for one of Union’s biggest fans, Kristen Shinebarger, who has battled Ewings Sarcoma, a rare form of bone cancer. Kristen, 10, was diagnosed two years ago and had to have her right leg amputated. Funds are assisting the family in payments for a prosthetic leg, which must be changed regularly as she grows.

Students Mat Bodie, his brother Kyle and Greg Coburn—captains of the men’s ice hockey team—walked over to Feigenbaum Hall to surprise President Ainlay with an ECAC Hockey tournament championship ring. Members of the ECAC championship team that advanced to the Frozen Four ordered the ring for Ainlay to thank him for his support. “It was easy to give the president a ring for all of the tremendous support he has provided us,” said Coach Rick Bennett. “We wanted to do this out of respect.”

Athletes rally for Kristen

Hockey ring to president
Maria Dreeszen ’14, a regular volunteer at the Kenney Community Center, is a religious studies major with a minor in dance.
Learning to make a difference

In our neighborhood, opportunities abound for service learning, self-discovery and the rewards that come from making a difference.

Toll Day brings out the best for our community

John Calvin Toll Day each fall brings out the best of the Union community as volunteers spruce up the city and surrounding area. Sites and organizations getting assistance include City Mission, Schenectady ARC and Vale Cemetery. Toll Day is named for one of Union’s first graduates in 1799 and supported by a fund created by one of Toll’s descendants, the late Al Hill ’46 and his wife, Perrie.

Student volunteer cited for service

Victoria Chee ’13, a Leadership in Medicine student who coordinated Campus Kitchens and was active with the Presidential Interfaith Campus Challenge, was named a “Future Stakeholder” by the Stakeholders, an Albany-based not-for-profit that inspires people to take positive action in their communities. She was among 10 winners of the group’s 2013 GOBY Awards (Get on Board Volunteer Awards), which recognizes organizations and individuals who have provided exemplary volunteer services.

Campus rallies for Hurricane Sandy victims

Just days after Hurricane Sandy ravaged the East Coast in November 2012, Memorial Fieldhouse had become a warehouse where students, faculty and staff were busy sorting loads of clothing, food and school supplies. All were brought to distribution centers in the areas hardest hit—New Jersey and Long Island.
Economic impact is $274M per CICU study

The College has an estimated annual economic impact of $274 million on the Capital Region, according to a November 2012 report from the Commission on Independent Colleges and Universities. This includes $19.5 million contributed to the economy by its 2,200 students and thousands of visitors annually to the College, according to the analysis done by the Center for Governmental Research, which conducted the statewide study for the CICU. With 870 employees and an annual payroll of $48 million, Union is among the largest employers in the region. The College is also a major purchaser of goods and services in the community and a source of vital construction and service contracts.

Union makes honor roll for community service

In an average week, Jennifer Sexton ’15 volunteers more than 10 hours at an afterschool arts and reading program and with a local food pantry. She is among the many reasons that Union landed a spot on the President’s Higher Education Community Service Honor Roll. This marks the fourth time in five years the College has earned this honor, the highest national recognition a school can achieve for its commitment to service learning and civic engagement.

Phenomenal Males role models

Members of Alpha Phi Alpha last year revived a tradition—Phenomenal Males—in which they mentor young men of color in meeting the challenges of academics, social life and community involvement. The group’s goal: to “raise the standard of scholarship and manhood and to reassess the term ‘success,’” said adviser Jason Benitez, director of Multicultural Affairs. Members connect regularly with students at nearby Schenectady High School, offering tips on preparing for college and how to present themselves in a positive manner.

Union is ‘Good News’ for county

The Chamber of Schenectady County presented the College with the “Good News” award on the bicentennial of the Ramée plan. Each year, the Chamber recognizes organizations that “have shown extraordinary community support, undergone major growth or expansions, survived through economic ups and downs or launched a unique product or service within the past year, or are simply a true success story.”
At Becker Career Center, it’s local

Despite a slow recovery in the national labor market, regional and local opportunities for internships and jobs are promising. Postings of jobs and internships to Union’s exclusive database—HireU—has increased substantially—nearly 70 percent—thanks to new relationships and increased hiring with local employers and an increase in referrals from young alumni. A poll of hired seniors showed the value of internships, networking, alumni connections and ample time.

Empty bowls

Simple meals served in a handcrafted ceramic bowls raised money and awareness in the fight against hunger. The Empty Bowls Project was a reminder of bowls left empty where people are hungry. Proceeds went to area organizations including Concern for the Hungry, Schenectady City Mission and Bethesda House.

Art project inspires sharing of ‘bucket list’

A three-paneled chalkboard made the rounds in Schenectady to ask a simple question: What is on your bucket list? That question—and the answers it brings—can go a long way toward building community spirit, said Shilpa Darivemula ’13, a pre-med student who was the brains behind the project. The “Before I Die Wall” was photographed each week by a Union student before being wiped clean. The photos were then posted to Facebook.

Good Eats

USA Today College featured the College’s “Good Eats” collaboration with Schenectady ARC—Advocacy, Resources and Choices for those with developmental disabilities. Union students paired with consumers to share healthy cooking and meal preparation and to socialize. Kaitlyn Suarez ’15, standing left, organized the program, launched in conjunction with the Minerva Houses.
A generous donation by Trustee John E. Kelly III ’76 and his wife, Helen-Jo, has allowed us to re-discover our roots in the Adirondacks, a national treasure and an international model of conservation. The Kelly Adirondack Center, just three miles east of campus, was the former home of Adirondacks conservationist Paul Schaefer. The Dutch replica home and addition contains one of the largest collections of Adirondack materials outside of the six-million acre park and serves as a focal point for events, classes and research on the Adirondacks and environmental studies.

**Grants support Adirondack programs**

Grants from two distinguished philanthropic organizations are assisting programs at the Kelly Adirondack Center. The Zemurray Foundation, which supports educational institutions, cultural programs, civic affairs, hospitals and medical research, awarded the Center $80,000. The F.M. Kirby Foundation, which supports a wide range of nonprofit organizations in education, health and medicine, the arts and humanities, civic and public affairs, provided an additional $15,000.

The grants help support the Center’s lectures, concerts and art exhibitions. They also provide funding for the Adirondack mini-term in which students gain a broader understanding of biological, social, cultural, economic and political aspects of the Adirondacks.

**Adirondack Fellows launched**

Samantha Muratori ’14 was among three students in the first class of Adirondack Fellows. They spent nine weeks over the summer examining the tension between economic development and environmental protection in the Adirondack Park.

Adirondack Fellows Samantha Muratori ’14, Laura Johnston and Elias Springer

**Adirondack Week explores opportunities and challenges**

The inaugural Adirondack Week began with a hike to the summit of Prospect Mountain near Lake George and ended with a panel discussion on the future of the 6-million-acre park. In between, Phil Terrie, professor of American cultural studies at Bowling Green State University, discussed the environmental, political, social and economic opportunities and threats to the Adirondacks. Joseph Martens, commissioner of the state Department of Environmental Conservation, delivered the keynote address on the government’s role in the balancing economic development in the wilderness setting.
For the dozen students in the College’s inaugural Bali mini-term, the best way to understand Balinese culture was to participate in the music, dance and ritual ceremonies. “The arts are vastly important to understanding culture—any culture,” said Prof. Jennifer Matsue, who led the term. “Music and dance don’t exist in a vacuum, they exist in a culture and express the culture in which they exist.”

Mohawk Watershed
The fifth annual Mohawk Watershed Symposium drew more than 150 scientists, engineers, policy makers and public officials to consider a range of topics: flooding, water quality, watershed management and water rights. The conference is organized by John Garver, geology professor, and Jaclyn Cockburn, a former Union professor now at the University of Guelph, Ontario.

It’s back to school for Davis Peace Scholar
Oema Rambharose ’15, who grew up in a tiny farming village in Suriname, remembers the lack of amenities at her school. So, the neuroscience major planning a career in medicine went back to her South American school as a Davis Peace Scholar. Last summer, she used a $10,000 prize from the Kathryn W. Davis Projects for Peace to build a multi-purpose room that will serve as a lunchroom and gymnasium.

In Bali, understanding culture through art
For the dozen students in the College’s inaugural Bali mini-term, the best way to understand Balinese culture was to participate in the music, dance and ritual ceremonies. “The arts are vastly important to understanding culture—any culture,” said Prof. Jennifer Matsue, who led the term. “Music and dance don’t exist in a vacuum, they exist in a culture and express the culture in which they exist.”
Putting sustainability into practice

**Ozone House wins Do-it-in-the-Dark**
Banning the clothes dryer, unscrewing unneeded light bulbs and unplugging whenever possible helped Ozone House to recapture the “Do it in the Dark” title. During the six-week energy awareness campaign and competition last winter, Ozone House cut energy consumption by almost 31 percent. Runners-up were Dickens House (just under 30 percent) and Golub House (17 percent). And though the contest is over, Sustainability Coordinator Meghan Haley-Quigley hopes the message gets recycled. “The competition is a great reminder to all of us to make adjustments to our everyday life. We hope that once the competition ends, the behavior will carry forward,” she said.

**EPA cites College’s green effort**
Union is a “100 percent Green Power user,” according to the federal Environmental Protection Agency’s latest rankings. The EPA’s Green Power Partnership, which promotes renewable energy usage, has given the designation to recognize the College for maximizing its use of renewable energy certificates, on-site energy generation and green power products.

**Trash audit**
Sorting through bags of trash may not be anyone’s idea of a good time. Unless you’re out to make a point about sustainability. Which is what students did on Earth Day to show that many items we discard every day can be recycled, reused, donated or composted.

**Produce doesn’t get any more local or fresh than what comes from Octopus’ Garden.**
The campus garden, tended by students, staff and faculty provides fresh produce for regular campus events like Ozone Café. The garden also supplies campus dining halls and local community food programs.

**Green grants**
Pest control through insects. A bike commuter incentive program. Wireless thermostats in College apartments. These were among the winners of the Presidential Green Grants Program in which eight projects shared in nearly $13,000 in grants to support environmentally sustainable projects. Union is ranked among the country’s most environmentally responsible colleges, according to The Princeton Review’s “Guide to Green Colleges.”
CAMPAIGN SURPASSED GOAL

Capital projects of over $32 million supported by the campaign include:

- The Peter Irving Wold Center
- The Minerva Houses
- Lippman Hall
- The Viniar Athletic Center
- Messa Rink
- The Breazzano Fitness Center
- The Taylor Music Center
- The Henle Dance Pavilion
- The Wicker Wellness Center
The campaign, publicly launched in 2004 and expanded by $50 million in 2008, has been transformative for the College, bolstering student scholarships and financial aid, faculty support, research programs, campus facilities and other priority needs outlined in the Strategic Plan.

Gifts totaling more than $40 million were directed toward financial aid, enabling the College to attract the best and brightest students from around the country and the world. This included the creation of more than 100 new scholarships to help make Union more affordable and accessible.

Another $40 million was designated for faculty support, allowing the College to attract and retain first-rate professors and scholars. A portion of this will go toward funding new professorships in areas such as religious studies, statistics, philosophy, biology, classics and mathematics.

Over $27 million is earmarked for curriculum and program activities, faculty and undergraduate research opportunities, and student life enhancements.

The outpouring of support for the campaign from close to 34,000 donors includes over 60 percent of all alumni.

Additional support, including grants from foundations, corporations and government agencies, enables the College to add cutting-edge instrumentation to its labs, provide summer internship opportunities for students, and expand its offerings and facilities in growing areas such as bioengineering and neuroscience.

Contributions to the campaign include gifts to the Annual Fund ($71 million), which provides Union with important resources to ensure that the College continues to redefine liberal education for the 21st century.

Thanks to the generosity of many alumni and friends, the “You are Union” campaign surpassed its $250 million goal by $8 million.

**Board creates Ainlay scholarship**

In appreciation for their efforts in the College’s largest and most comprehensive fund-raising campaign, the Board of Trustees endowed a $1 million scholarship in honor of President Stephen C. Ainlay and his wife, Judith Gardner Ainlay. “It is impossible to complete a campaign of this size without the efforts of a great many people,” said Mark Walsh ’76, chair of the trustees and co-chair, along with Frank Messa ’73, of the “You are Union” campaign. “However, it is clear to anyone who has been involved with the campaign that the single greatest factor in its successful completion has been the tireless efforts of Stephen and Judith to lead Union and to secure major gifts for the campaign.”
FINANCIAL RECAP

Endowment Market Value
$359 million

Operating Budget (2013-14)
$152 million

Number of Employees
859

Full-Time Enrollment
2,183

Faculty-to-Student Ratio
1:10

First-Year Student Retention Rate
94%

Size of Incoming Class (Class of 2017)
559

6-Year Graduation Rate
83%

Acceptance Rate for Incoming Class
37%
The 2012-13 fiscal year was marked by an improving but volatile economy, and Union’s approach to cost containment and seeking new revenue have continued to stabilize the College’s financial outlook. Through five-year budget models to project enrollment, financial aid, endowment performance and donations, the President, Board of Trustees, Administration and Planning and Priorities Committee are ensuring that the impact of fluctuations will be minimized.

Starting the 2013-14 fiscal year, we are formulating a strategy that moves ahead with the execution of the Strategic Plan. These are exciting times filled with opportunity and careful choices as we ascertain how to advance the Strategic Plan within our resource constraints. In addition, we continue to work on mapping strategies and projects to our Strategic Plan goals and defining ways to integrate planning, budgeting and assessment.
The College ended the year with an endowment value of about $359 million, just $25 million short of our all-time high just before the recession. Investment performance, up about 12.2 percent, will contribute favorably to future budget planning as compared to our long-term investment return assumption of 7.5 percent. Our investment performance compares favorably to most of our peer group institutions.

The Investment Committee of the Board of Trustees is working closely with the Administration to maximize the long-term growth of the endowment. Thanks to careful investment and improving economic conditions, we are fast approaching pre-recession levels for the endowment.
Financial Ratios

Financial ratios, which are developed from audited financial statements of the College, show that operating ratios improved in 2013, with the most significant increase occurring in the Return on Net Assets ratio, as a result of the substantial growth in endowment investment returns. Meanwhile, contribution ratios are stable and consistent with 2012.

**Contribution Ratios %**

**TUITION/ROOM AND BOARD (NET OF FINANCIAL AID)**
Measures reliance on tuition, room and board revenue

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<tr>
<td>Contribution</td>
<td>66.7</td>
<td>66.6</td>
<td>67.0</td>
<td>62.5</td>
<td>63.6</td>
<td>62.6</td>
<td>62.0</td>
<td>63.0</td>
<td>65.3</td>
<td>67.5</td>
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**Investment Income**
Measures the contribution of investment income to total operating revenue

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<tr>
<td>2003-2004</td>
<td>20.6</td>
<td>18.8</td>
<td>17.3</td>
<td>17.0</td>
<td>18.1</td>
<td>17.8</td>
<td>18.4</td>
<td>17.1</td>
<td>11.6</td>
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**Gifts and Pledges (Excluding Gifts to Endowment)**
Measures the contribution of gifts and pledges to total operating revenue

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<td>2003-2004</td>
<td>8.9</td>
<td>10.2</td>
<td>11.8</td>
<td>10.3</td>
<td>10.8</td>
<td>9.1</td>
<td>10.1</td>
<td>10.1</td>
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**Operating Ratios %**

**Expendable Resources to Debt**
Measures resources available from total expendable reserves as a percentage of debt outstanding

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<tr>
<td>Expendable</td>
<td>2.7</td>
<td>3.0</td>
<td>3.3</td>
<td>4.0</td>
<td>4.2</td>
<td>2.8</td>
<td>2.9</td>
<td>3.2</td>
<td>2.9</td>
<td>3.2</td>
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**Expendable Resources to Operations**
Measures the buffer provided to the annual operating budget by total expendable reserves

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<tr>
<td>Return</td>
<td>2.2</td>
<td>2.2</td>
<td>2.3</td>
<td>2.4</td>
<td>2.9</td>
<td>1.7</td>
<td>1.8</td>
<td>2.0</td>
<td>1.9</td>
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**Return on Net Assets**
Indicates the direction and degree to which the institution has improved its total resource base

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<tr>
<td>2003-2004</td>
<td>8.1</td>
<td>6.1</td>
<td>6.8</td>
<td>11.6</td>
<td>3.2</td>
<td>-24.0</td>
<td>5.2</td>
<td>9.5</td>
<td>-1.4</td>
<td>6.5</td>
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