

# Rochester

UNIVERSITY OF ROCHESTER/SEPTEMBER-OCTOBER 2017

## Review

**A SUSTAINING VISION**  
What does sustainability really mean?

**A NEW NETWORK**  
What's new in alumni relations?

**FOREVER FRIENDS**  
A random room assignment turns into a lifelong friendship



## How They Spent the Summer

Summer is prime time for Rochester students to dive into research.

# ENGINEERING A BRIGHTER TOMORROW

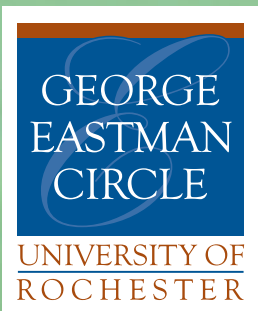
**FOR FUTURE GENERATIONS**

“I’ve always felt indebted to alumni who donated and funded the scholarships that allowed me to attend Rochester. Returning that favor to future students is the least I could do.”

— Koji Muto '15

**BS, Mechanical Engineering | BA, Business  
Project Development Engineer, ExxonMobil  
Member, George Eastman Circle  
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SEPTEMBER-OCTOBER 2017



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## Forever Friends

Randomly assigned as roommates in 1983, Karen Price Pavlicin-Fragrino '87 and Jodi Parker Seidner '87, '91S (MBA) (above) have been best friends for more than three decades. The ties lasted through all four years as roommates on the River Campus, marriages to college sweethearts, early careers in business, parenthood, and as entrepreneurs running their own successful businesses. They return to campus this fall for their 30th reunion.



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# LSI: Showcasing Rochester's Innovative Spirit

By Joel Seligman

The spirit of innovation is alive and well in Rochester. From September 12 to 14, Rochester will host the inaugural celebration of Light and Sound Interactive (LSI), a unique conference and expo that focus on light- and sound-based technologies and their 21st-century applications to some of the fastest growing markets in the world, including virtual and augmented reality, video games, media, film, and music. LSI includes an interactive conference, trade show, career fair, live demos, museum tours, networking opportunities, and events for start-up companies.

The inspiration for LSI grew out of activities at the Center for Emerging and Innovative Sciences, a New York State-funded Center for Advanced Technology at the University of Rochester. With economic development as a core mission of the center, Director and Chair of Electrical and Computer Engineering Mark Bocko and Executive Director Paul Ballentine sought ways to draw attention to the vast technical and creative resources of our community and to build enthusiasm about possibilities. Drawing inspiration from the highly successful South by Southwest Conference in Austin, Texas, an annual event celebrating the convergence of the interactive, film, and music industries and bringing 50,000 registrants to Austin, they had the idea of creating LSI.

The field of virtual and augmented reality (VR/AR) is projected to grow from \$6 billion in 2016 to more than \$100 billion in 2020. Companies such as Apple, Google, Facebook, and Amazon are investing heavily in light- and sound-based technologies that underlie these developments. LSI's promise of in-depth and interdisciplinary immersion in this field will draw people from across the United States and Canada. Audiences will include technologists, artists and musicians, media creators, students, teachers, entrepreneurs, investors, and others. The timing of LSI, immediately preceding the KeyBank Rochester Fringe Festival, will allow attendees to stay past the conference to experience a broad spectrum of music and other performance art.

The topic of the LSI conference is consistent with the University's core research



**VIRTUAL TOUCH:** Lucian Copeland '16 was part of a student team that developed a prototype for a virtual reality system that mimics the sensation of touch.


strengths, building on optics, photonics, and imaging, as well as in music and clinical care. LSI will highlight topics central to the University's field-defining Institute of Optics, our world-renowned music culture anchored by the Eastman School of Music, and our pathbreaking clinical programs at the Medical Center, as well as one of our newest signature programs, audio and music engineering. Attendees will be able to explore how light and sound technologies are used to create immersive experiences that span arts, games, social interactions, and live performances, and understand how they are being used to detect and treat illnesses, improve the quality of life, and help people with visual and auditory impairments.

One particularly exciting conference session will highlight medical applications of virtual reality. Three University physicians, Dave Mitten, Charles Duffy, and Benjamin Crane, will share their expertise, clinical experience, and insights on a panel moderated by University faculty member Gregory DeAngelis. They will discuss uses of virtual reality to enable enhanced physical exams of patients and more effective treatments for a range of impairments.

University faculty members Krystel Huxlin, Ajay Kuriyan, and David Williams will be joined by speakers from other institutions in panel sessions that address the needs of the blind and visually impaired community and emerging technologies for

visual correction, restoration, rehabilitation, and assistance. Emmy Award-winning composer and conductor Mark Watters, inaugural director of Eastman's Beal Institute for Film Music and Contemporary Media, along with Rochester native Jack Allocco, Seattle-based Guy Whitmore, and other prominent composers of music for media ranging from television to video games, will join in a session to mark the launch of the Beal Institute. Our Del Monte Neuro-medicine Institute Director John Foxe and Sophie Molholm, a faculty member at the Albert Einstein College of Medicine, will host a panel addressing audiovisual processing in neurodevelopmental disorders.

A key part of LSI will be a trade show featuring local optics and imaging companies as well as start-ups from across the country. In parallel, a career fair will be open to job seekers, including students from all area colleges and universities and individuals who are already in the workforce.

As with the South by Southwest Conference, we expect that LSI will lead to economic development in Rochester through new company incubation, growth of the area's existing optics, imaging, and audio companies and by attracting new companies to the region. LSI provides an opportunity for visitors to the region to see firsthand the vibrancy and innovation of the city of Rochester as well as our numerous and variegated strengths as a research university. 



**REMARKABLE LEGACY:** The late William Muchmore, a professor of biology, is remembered as “a remarkable person who touched many lives.”

### More Tributes to Muchmore

Like Ms. [Wendy Beth] Jackelow '83, I have many memories of Dr. [William] Muchmore (Tributes, July-August). A generation earlier, in 1959, I took vertebrate anatomy with him and then served as a teaching assistant in the course. He was a wonderfully kind and soft-spoken person, dramatically different from his popular image as the stern gatekeeper for medical school applicants. One of my fondest memories was being in the lab in Dewey one midnight, staining my slides, when the

office phone rang. It was freight handlers at the railroad station who wanted to know what to do with a huge black spider that had crawled out of a shipment of bananas, and that they had in a box. I raced downtown, picked up the creature, and presented it to a delighted Dr. Muchmore the following morning. Thirty years later, on a college tour, I introduced him to our oldest son. He was remarkably unchanged in appearance, voice, and personality. A remarkable person who touched so many lives.

*Paul Ephraim '61  
Studio City, California*

### Photographic Test

Several alumni recognized classmates in the photo on the first page of Class Notes in the July-August issue. **Lorena Stabins '95W (MS)** of Pittsford, New York, showed the photo to her mother, **Linda Wermuth Stabins '60, '64W (MA)**. “She was able to confirm that those freshmen in the photo are indeed taking placement tests. She said there were TONS of them. Unfortunately, she did not recognize anyone in the photo. Thanks for the stroll down memory lane.” For the ID’s, **Brenda Miller Thalacker '60** of Whitmore Lake, Michigan, says the photo shows “fourth from the right, the late **Patti O’Day '60** (glasses), next to her **Fay Wadsworth Whitney '60, '61N** (tall), and then a possible **Margie Griffith Ward '60**. We are all reading, but no one is writing.” **Gail Paxson Mates '60** of Coronado, California, also thought the student in the middle of the row was Faye Wadsworth Whitney and guessed that



**WHO’S WHO?** Alumni from the Class of 1960 identified their classmates.

# Rochester Review

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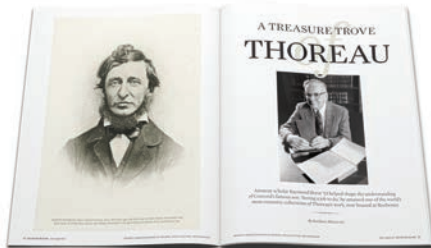
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UNIVERSITY of  
**ROCHESTER**

the first student on the right is **Patricia Wheeler Green** '60, '61N and next to her, **Barbara Joan Sloan** '60. Gail notes: "Wonder if all were snoozing!" And for **Ellen Kleinman Siff** '63 of Trumbull, Connecticut, the photo prompted a thought about beanies and tests: "In addition to the dreaded beanies (as the Class of 1963, we were the last required to wear them), I seem to recall that, shockingly, we took the MMPI. Or perhaps that was our class."



### Totally Thoreau

Your fascinating story about Raymond Borst's devoted Thoreau scholarship should have us all thinking about him during his bicentennial year. Another Rochester figure who had strong connections to Thoreau and who must have known Borst well, was Steve Thomas, the late director of the Rochester Museum and Science Center. He had two great loves, mushrooms and Thoreau, and had been the president of the Thoreau Society.

When he graduated from college, he went to Concord to meet an old man who as a teenager had helped Thoreau move a piano, the same Thoreau who, walking the Cape, met the octogenarian Oyster Man of Wellfleet, who as a boy had seen George Washington ride into Boston with his troops. The story gives me goose bumps, feeling how closely we are connected to our Revolution. Until September 10, there is a remarkable show of over 100 relics from Thoreau's life at the Morgan Library in New York City, and it will move to the Concord Museum from September 29 through January 21, 2018.

David Tinling '63M (Res)  
Rochester, Vermont

### A Draft of Baseball History

In the July-August issue, I was drawn to the baseball article, "Yellowjacket Pitcher Drafted to Major Leagues." The subtitle especially drew my attention, as it referred to John Ghyzel '18 as the "second Rochester baseball player ever drafted by a professional organization" and referred to Michael Weiermiller '83 as being the first.

While I certainly respect the accomplishments of these two U of R athletes, I would like to mention that my father, John

G. (Scotty) Burns (1906–67), was drafted by the St. Louis Cardinals in his senior year at the University in 1929.

Let me quote from an article about my father that was published in the Rochester *Times Union* on June 12, 1967: "In 1929, he was signed to the St. Louis Cardinal organization by Branch Rickey and Warren Giles. He was with the Rochester Red Wings, then later played for the Danville, Ill. entry in the Three Eye League."

My father was an outstanding athlete and starred in both baseball and basketball at the University. After retiring from professional baseball during the Great Depression, he continued to play semipro baseball and basketball for a number of years in the Rochester area.

My brother, John G. Burns Jr. '57, followed in my father's footsteps and was captain of the U of R's baseball and basketball teams; I ran track for four years and briefly played football there.

The University has a long history, and I thought you would want to be aware of my father's achievements.

Richard Burns '67  
Silver Spring, Maryland

Dennis O'Donnell, director of athletic communications, replies:

Thank you for bringing to light your father as someone who signed with the St. Louis Cardinals. Scott Sabocheck's story mentioned only the players who were taken in the Major League Baseball draft, which began in 1965. Before that, teams did their own scouting work and the scouts would recommend which players were worthy of a professional contract. One famous

example of a scout was Tom Greenwade. He worked for the Brooklyn Dodgers and recommended to Branch Rickey that a young player named Jackie Robinson was worth a contract. Later when he worked for the Yankees, one of his suggested players was Mickey Mantle.

In writing about John Ghyzel, we limited our story to MLB draftees from 1965 on because we were concerned that before that point, we would miss some people—your dad among them. The Cardinals,

with the Rochester Red Wings as their farm team, had an advantage in terms of athletes getting a lengthy look. Gerald Zornow '37, for example, was signed by St. Louis after graduation.

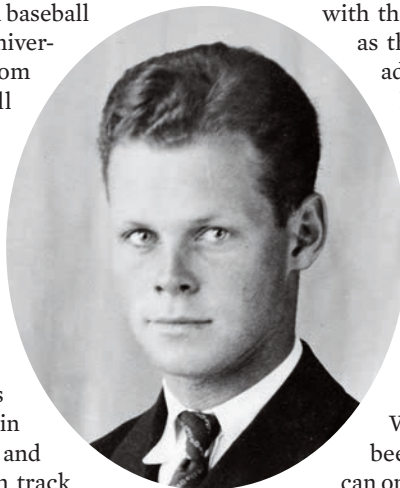
We are always seeking ways to update our information. Right now, we are trying to focus on no-hitters for baseball.

We suspect there have been more than two, but can only generate information on two: David Strandberg '17 threw a no-hitter against

Bard College in 2014 and Bill Standera no-hit St. Bonaventure in 1970. Are you aware of any others?

Our coaching records indicate that your dad played for Edwin Fauver through 1928, then for Tom Davies in his senior year (1929). Your brother would have played for Lou Alexander, for whom the Louis Alexander Palestra is named.

Review welcomes letters and will print them as space permits. Letters may be edited for brevity and clarity. Unsigned letters cannot be used. Send letters to Rochester Review, 22 Wallis Hall, Box 270044, University of Rochester, Rochester, NY 14627-0044; rochrev@rochester.edu.



John G. (Scotty) Burns

**My father was an outstanding athlete and starred in both baseball and basketball at the University. After retiring from professional baseball during the Great Depression, he continued to play semipro baseball and basketball for a number of years in the Rochester area.—Richard Burns '67**

## BIOLOGY

### Summer Sequences

FLASH LIGHTS: A group from the biology department traveled to the Allegheny National Forest in northwest Pennsylvania this summer to view and collect fireflies as part of a project to study the insect's genomics. The group observed several species, including Father Mac's firefly (*Photinus macdermotti*), the Big Dipper firefly (*Photinus pyralis*), and the Chinese Lantern firefly (*Photuris versicolor*-complex)—all shown here in a composite image. Amanda Larracuente, an assistant professor of biology and the Stephen Biggar '92 and Elisabeth Asaro '92 Fellow in Data Science, is working to sequence the genome of the Big Dipper firefly, including studying the genes involved in the chemical reaction that produces the characteristic flashes of light that the insects use to communicate.

COMPOSITE PHOTOGRAPH BY J. ADAM FENSTER







#### CELESTIAL EVENTS

### The Skies Have It

SUN SEEKERS: Warner School graduate student Blake Harriman, Emily Ivey '18, and Nick Potter '17 were among the many students, faculty, and staff on campus who watched the solar eclipse as it made its way across the United States on August 21. While Rochester was not in the "zone of totality" this summer, make reservations for April 8, 2024, when the path of the next total eclipse in the United States aligns with Rochester. PHOTOGRAPH BY J. ADAM FENSTER





**CLASS PORTRAIT**  
**Start of the Semester Selfie**

**CLASS CAMARADERIE:** The members of the Class of 2021 gathered on the Wilson Quadrangle to kick off Wilson Day, the annual day of community service that helps mark the start of the semester for first-year students. Before heading out into the Rochester community to take part in projects, the roughly 1,400 members of the class lined up to form “UR 21.” For more from the start of the new academic year, see pages 42 to 45.

**PHOTOGRAPH BY J. ADAM FENSTER**





**AUDIO ENGINEERING:** As an engineer, Mark Bocko has developed ways to improve audio technology for applications like flat-screen displays.

#### SHOWCASING ROCHESTER

## Light, Sound... Interactivity. Action!

Drawing on deep expertise in light, music, and optics, a new initiative aims to showcase Rochester's leadership in the growing fields of imaging and audio technologies.

By Bob Marcotte

Rochester has the ingredients to create its own Silicon Valley in emerging imaging and audio technologies.

The pieces are in place to establish Rochester as a leader—and the next step is to make sure the community realizes that and then to let the world know it, too.

That's the vision of the organizers of Light and Sound Interactive. The new conference and expo, which takes place September 12 to 14, will feature three days of presentations, panel discussions, demonstrations, trade show exhibits, and networking opportunities to showcase how Rochester can play a leading role in such growing fields as augmented and virtual reality (AR/VR), and interactive games and media.

"We want to help Rochester move up the value chain," says Mark Bocko, director of the Center for Emerging and Innovative Sciences (CEIS) and one of the conference organizers. "Historically, companies like

#### What Rochester offers

- The largest cluster of optics, imaging and photonics companies in the nation.
- Two major universities (University of Rochester and RIT) with world-class expertise and innovative programs in vision science, optics, music, audio engineering, cinema, animation, and many other related fields.
- A rich heritage of innovation and entrepreneurship.

Kodak had a direct connection to consumers. Everyone knew the Kodak brand, and everyone knew the enterprise. We want to spur the growth of high-value enterprises in our region with direct connections to consumers."

A partnership between the University and the Rochester Institute of Technology, along with area businesses, trade, and civic organizations, and other groups, the conference is designed to highlight the range and depth of the expertise and talent in

the Rochester region. The conference also serves as a segue to the KeyBank Rochester Fringe Festival, an arts and cultural showcase that employs many of the technologies featured in Light and Sound Interactive.

Scheduled keynote speakers include Academy Award-winning director Ang Lee and Oscar-winning cinematographer Rob Legato. Jeff Lieberman, a scientist, artist, and host of the Discovery Channel series *Time Warp*, and Ainissa Ramirez, a science evangelist who is widely recognized for her campaigns to attract the next generation of scientists and technologists, are also special guests.

But the real "chemistry" of the event—the interactive part, says conference producer Paul Ballentine of CEIS—will occur at 67 panel discussions and workshops featuring researchers and entrepreneurs from the Rochester area and across the country. They will discuss work in seven key areas: virtual and augmented reality, games and interactive media, cinema, music

and audio, imaging, displays and lighting, health care, and optics and photonics.

“The presentations are designed to be accessible to students, technologists, scientists, entrepreneurs, and artists. And they are meant to be thought provoking,” says Bocko, who holds the title of Distinguished University Professor and is chair of the Department of Electrical and Computer Engineering.

“We want people to appreciate the vastness of the resources that we have in this community, and to get them excited about the potential this holds to build new businesses and enterprises in this area.”

Bocko and Ballentine say the inspiration for LSI came from South by Southwest Interactive in Austin, Texas, an offshoot of the renowned music and film festival. The interactive technology showcase there has helped drive the tech sector in that city.

“You go to Austin and the city is full of confidence, with major companies moving in and people of all descriptions starting companies,” Bocko says. “You go to Silicon Valley, and it’s the same ‘anything is possible’ kind of attitude.

“We want Rochester to be just as enthusiastic about its own future.”

For example, Rochester is uniquely positioned to take a leading role in AR/VR, and especially in applications such as health care, Bocko says.

- Many of Rochester’s 100-plus optics companies already provide components for major VR companies located around the country and the world.


- University scientists are world leaders in vision science, which is key to creating convincing VR experiences.

- The University’s Center for Freeform Optics is pioneering ways to design and make compact and efficient lenses and mirrors for applications like AR/VR glasses.

- Researchers at the Medical Center are exploring virtual reality as a way to enhance physical exams, for example, and to treat patients with dementia and vestibular disorders that cause vertigo and dizziness.

“When you look at the AR/VR universe,” Bocko says, “people have poured a lot of money into games and interactive media, but the field is looking for other high-value applications, and health care is clearly an area of tremendous interest.”

Bocko and Ballentine share the goal of helping Rochester build on its many capabilities and world-class industry base to grow high-value enterprises and brands with direct links to consumers.

“That’s the key to building lasting regional prosperity,” says Bocko. 



**FILM AND TV STARS:** Director Ang Lee (top), who won Oscars for *Life of Pi* and *Brokeback Mountain*, is scheduled to show excerpts from his newest film and to discuss his work. Jeff Lieberman (above), a roboticist who starred in the Discovery Channel’s *Time Warp* series, will present a keynote address



**KEYNOTES:** Science evangelist Ainissa Ramirez (left) and Academy Award-winning cinematographer Rob Legato are among the keynote speakers for the inaugural conference.

# The Art of Preserving Opportunity

Philosopher Randall Curren considers what sustainability really means.

By Kathleen McGarvey

Sustainability is a well-worn term—but a hard one to define.

It's a "messy, murky concept," says philosopher Randall Curren, chair of the philosophy department. But he aims to bring some clarity with his latest book, *Living Well Now and in the Future: Why Sustainability Matters* (MIT Press, 2017).

"What philosophers do is try to understand concepts that we're accustomed to using without really thinking about what they signify," Curren says.

The book in some ways mirrors a project from the 1970s. Acting in response to ethical failures in medical research, the federal government brought together ethicists with different theoretical perspectives. Their charge was to identify basic ethical principles on which they could all agree, which were issued in the 1979 Belmont Report.

"And it turned out to be remarkably easy," says Curren. "If you're actually serious about trying to come up with guidance for the ethical practice of medicine, there are things to which one would

**"The problem is the way our social systems are functioning, our interlocked social, economic, and political systems. . . . We need a radical makeover of those human systems. And that's enormously challenging."**

easily agree: you should be doing no harm, you should be honest, you should get informed consent, and so on. Not that hard."

With his coauthor, Ellen Metzger—a professor of geology and director of science education at San Jose State University—Curren tries to bring a similar lucidity to the world of sustainability. The core of sustainability, they argue, is the "long-term preservation of opportunities to live well." It's a matter of intergenerational justice.

Curren is an international authority on educational philosophy and ethics, and his work addresses both education and sustainability. He holds a secondary appointment in the Warner School's educational leadership program and held the first professorship established in the Royal Institute of Philosophy in London. He also recently held a research chair in moral and virtue education in the Jubilee Centre for Character and Virtues at England's University of Birmingham. A premise of this research center is that institutions in a society should support the potential for people to live well.

Curren and Metzger contend that sustainability is best understood as the art of living well together without diminishing the opportunity to live well in the future. In those terms, sustainability isn't solely or even mainly the domain of science. Rather, they write, unsustainable practices are primarily a problem of social coordination.

Curren calls discussions of sustainability that turn on expenses or job losses shortsighted. "If we delay in doing things like keeping the climate stable, then everything will be enormously more expensive in the future," he says. "Because we're being provided an incredible bounty of free services by functional climate systems and functional ecosystems. What would it cost us to replace the work that bees do? Or to replace the work that thriving fisheries do?"

Narratives of postindustrial prosperity tend to dominate the historical perspective people bring to the issue of sustainability. "They're talking about roughly 150 years," says Curren. But history is filled with the collapse of civilizations—and environmental problems, especially deforestation, played a role in a significant number of those breakdowns.

Regional collapses are already beginning, he says, pointing to Syria as one example. "Look at the parts of the world that are producing the largest flows of refugees. They're typically areas with severe drought. People move from inland regions, where they can no longer farm, to coasts to fish—where the ocean is increasingly fished out, and they can't make a living fishing, either."

And technological innovation will take humanity only so far. "We absolutely need the right kind of inventing going on, but inventing will not suffice on its own," he says.

By the start of the 19th century, the whaling industry was near collapse, and it endured until the 1850s only through new energy-intensive technologies, such as steam-powered ships and explosive harpoons. The energy yielded by whaling was greatly diminished by the time petroleum became a usable source of energy, and the ensuing history of energy yield on petroleum has followed a similar pattern.

Energy transitions today will only be more complicated, Curren and Metzger argue, with a global population six times what it was when petroleum displaced whale oil—"and a way of life that is six or seven times more energy intensive," they write.

"And we've never had to cooperate on a global scale, which we must do to stabilize Earth's climate and stay within other critical planetary boundaries," says Curren. "The orders of difficulty are staggering."

Matt Ferkany, an environmental philosopher at Michigan State University, calls the book "clarifying and instructive." It's a wide-ranging work, he says, and "covers certain important matters hardly discussed elsewhere," such as societal collapses through unmanageable complexity. A Chinese translation of *Living Well Now and in the Future* is already underway by Beijing Normal University Press, a rapid pace for such a book to attain a broad reach.

The authors don't try to resolve the nitty-gritty of sustainability issues. Instead, they use the book to define the concept of sustainability and to frame the scope of the problem and the nature of solutions needed, with the illustrative help of three case studies: the Gulf of Mexico oil spill in 2010, the National Water Management System in Australia, and food production patterns in Southeast Asia's Mekong region.

"The problem is the way our social systems are functioning, our interlocked social, economic, and political systems," says Curren. Those systems have been stable—but they won't stay that way as they undercut the functioning of natural systems.





“We need a radical makeover of those human systems,” he says. “And that’s enormously challenging.”

Such a makeover requires the broad, voluntary participation of ordinary people. That’s why Curren and Metzger build a case for systematic education in sustainability. “Students have a right to know these things,” says Curren. “We need to understand the world in which we’re trying to live, to be able to live well in it.”

Teaching courses in environmental justice, he has found that for some of his students—who have been known to email him fretfully in the wee hours—he needs to point them toward practical ways

to respond to the disturbing information they learn. “You need to provide people with ways to feel like they’re constructively engaging the problems, to feel somewhat in control, and competent within their own lives to do something constructive,” he says.

Curren’s book carries a similar pragmatic value, albeit on a larger and more abstract scale. Like the members of the Belmont Commission, he and Metzger try to lead readers to imagine a fair social contract, grounded in common morality, addressing sustainability.

“Doing one’s part to preserve opportunity is a basic moral duty that no one has any good grounds for disputing,” he says. 

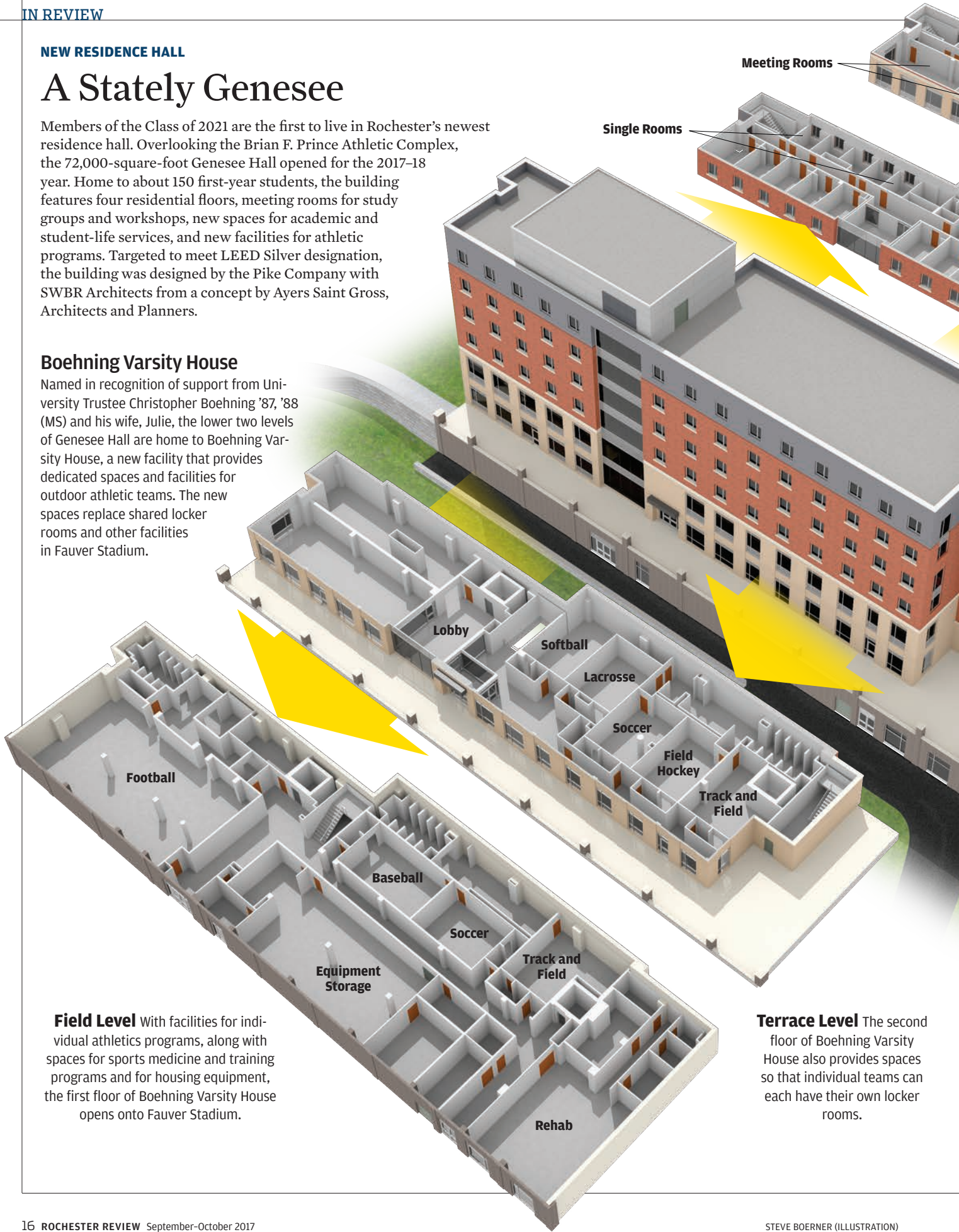
NEW RESIDENCE HALL

# A Stately Genesee

Members of the Class of 2021 are the first to live in Rochester's newest residence hall. Overlooking the Brian F. Prince Athletic Complex, the 72,000-square-foot Genesee Hall opened for the 2017-18 year. Home to about 150 first-year students, the building features four residential floors, meeting rooms for study groups and workshops, new spaces for academic and student-life services, and new facilities for athletic programs. Targeted to meet LEED Silver designation, the building was designed by the Pike Company with SWBR Architects from a concept by Ayers Saint Gross, Architects and Planners.

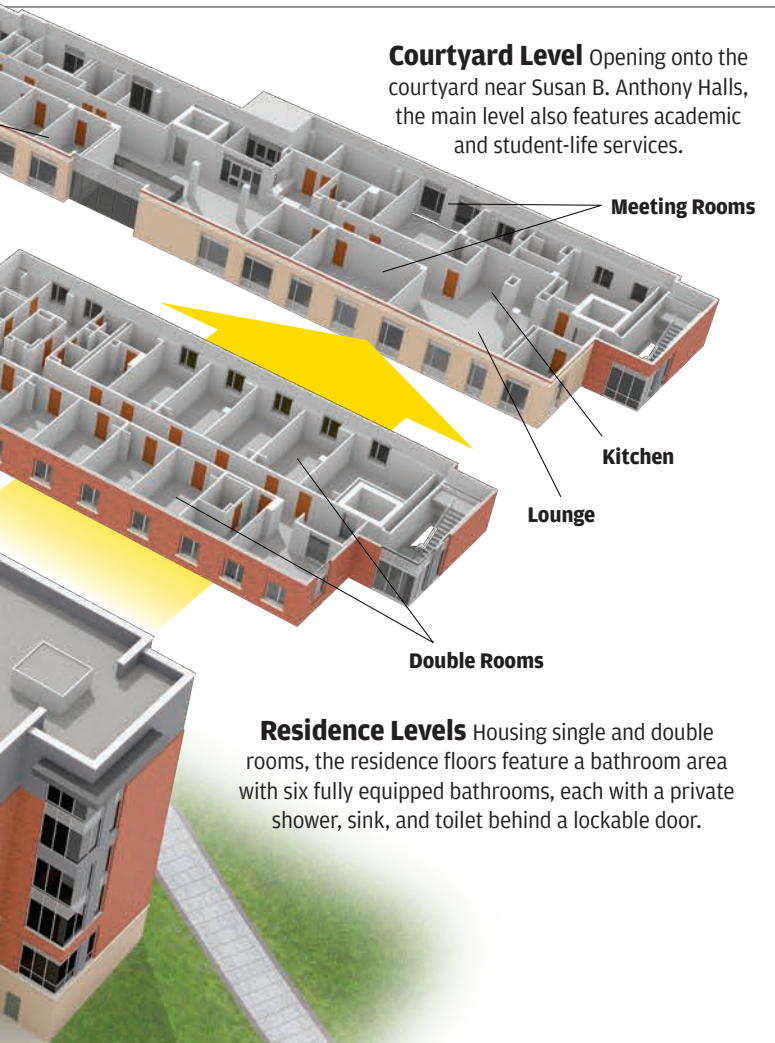
## Boehning Varsity House

Named in recognition of support from University Trustee Christopher Boehning '87, '88 (MS) and his wife, Julie, the lower two levels of Genesee Hall are home to Boehning Varsity House, a new facility that provides dedicated spaces and facilities for outdoor athletic teams. The new spaces replace shared locker rooms and facilities in Fauver Stadium.



**Field Level** With facilities for individual athletics programs, along with spaces for sports medicine and training programs and for housing equipment, the first floor of Boehning Varsity House opens onto Fauver Stadium.

**Terrace Level** The second floor of Boehning Varsity House also provides spaces so that individual teams can each have their own locker rooms.



**Courtyard Level** Opening onto the courtyard near Susan B. Anthony Halls, the main level also features academic and student-life services.

Meeting Rooms

Kitchen

Lounge

Double Rooms

**Residence Levels** Housing single and double rooms, the residence floors feature a bathroom area with six fully equipped bathrooms, each with a private shower, sink, and toilet behind a lockable door.



**Home Site** Situated between the Brian F. Prince Athletic Complex and Susan B. Anthony Halls, Genesee Hall is the first residence hall built on the River Campus since 2012, when O'Brien Hall opened in Jackson Court.

**DATABASE**

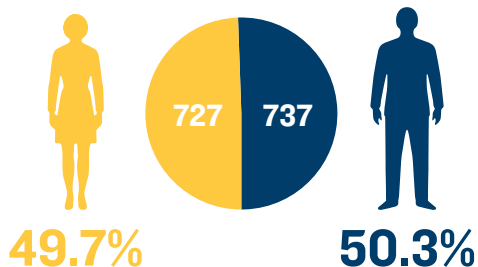
# Quick Count: Class of 2021

Drawn from a record number of applications, the Class of 2021 represents one of the most academically high-achieving and diverse groups of first-year students ever to arrive at the College. The numbers will be finalized later this fall, but here's a preliminary look.

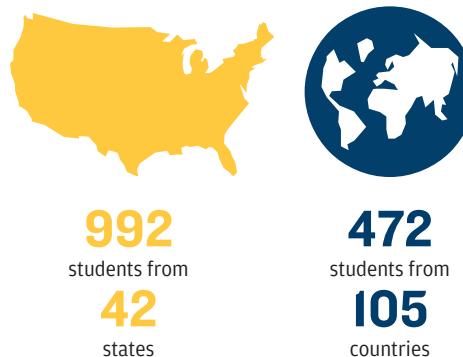
**TOTAL ENROLLMENT**

**1,464**

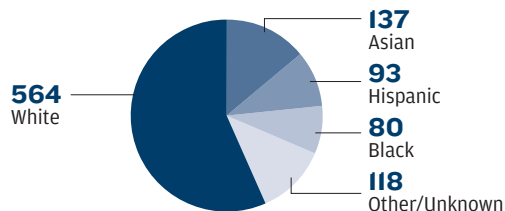
**GENDER IDENTITY**



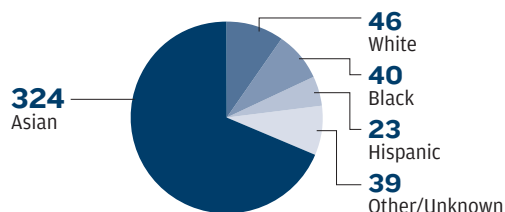
**NATIONAL ORIGIN**



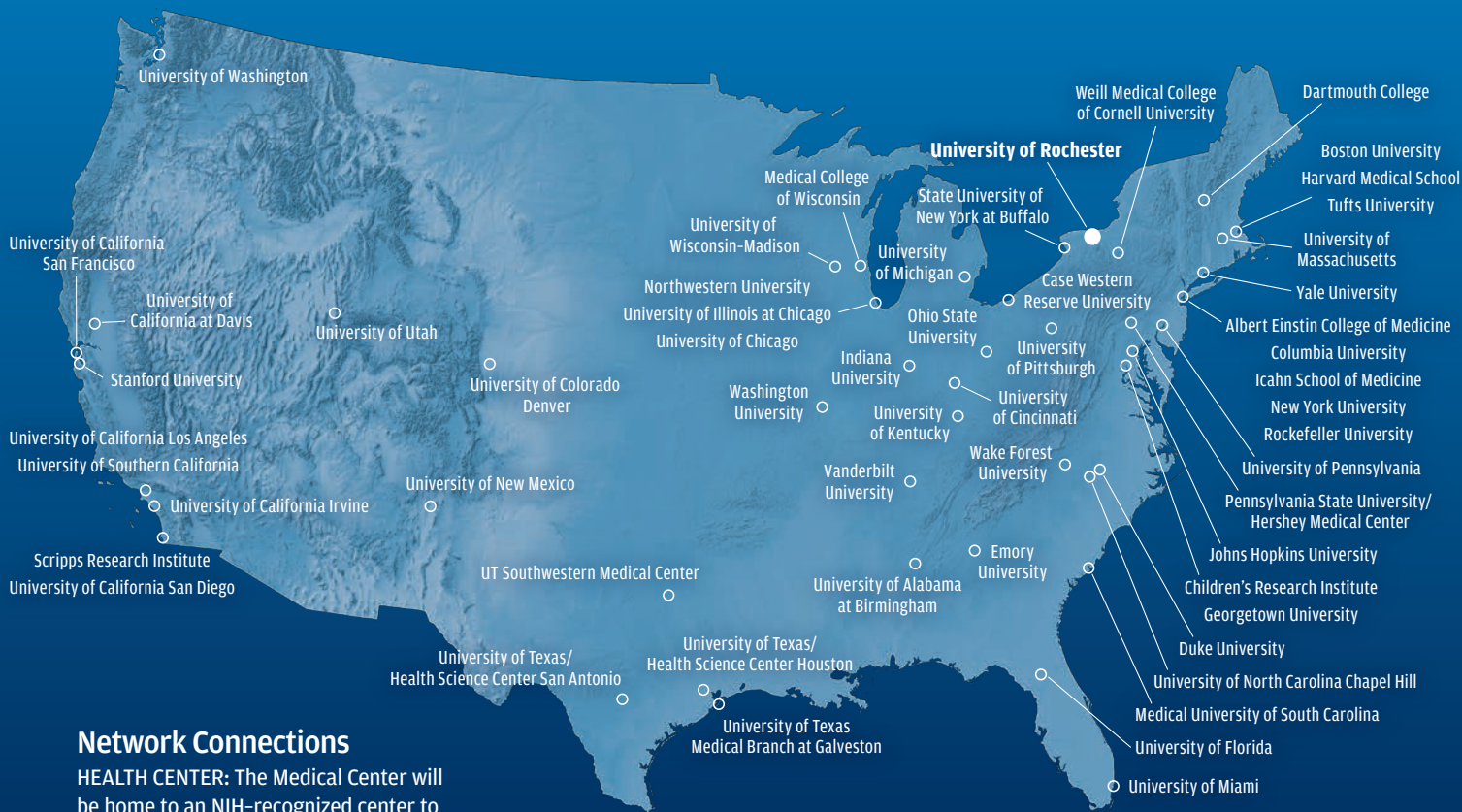
**ETHNICITY**



**DOMESTIC**



**INTERNATIONAL**



## Network Connections

**HEALTH CENTER:** The Medical Center will be home to an NIH-recognized center to coordinate the work of researchers at more than 50 institutions to turn scientific discoveries into health benefits.

FUNDED BY THE NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES AT THE NATIONAL INSTITUTES OF HEALTH, GRANTS UL1TR002001, KL2TR001999, TL1TR002000 AND U24TR002260. THIS MAP WAS DERIVED FROM REPORTER DATA THAT NCATS POSTED TO ITS CTSA PROGRAM WEBPAGES ON AUGUST 24, 2017.

## DISCOVERY TO HEALTH

# Rochester to Lead National Translational Sciences Network

The Medical Center will coordinate NIH effort to turn discoveries to health benefits.

By Susanne Pallo

The Medical Center will coordinate the work of more than 50 institutions to help researchers turn scientific discoveries into health benefits faster as the hub of a National Institutes of Health network.

Funded with a \$19 million grant from the NIH's National Center for Advancing Translational Sciences, Rochester will become home to the Center for Leading Innovation and Coordination. The center will create virtual and in-person platforms for institutions to share data and educational materials, track success, communicate with one another, and develop collaborations.

The center, led by Martin Zand, a professor of medicine and codirector of Rochester's Clinical and Translational Science Institute, and Deborah Ossip, a professor of public health sciences and director of the institute's Population Health Research Postdoctoral Program, will help member

institutions benchmark their progress in comparison to the network as a whole and identify areas where improvement may be needed or where efforts could be reduced.

Announced this summer, the funding is the latest in a decade-long recognition of Rochester's national leadership in clinical and translational science. In 2006, the Medical Center received one of the first NIH grants designed to accelerate the application of discoveries in medical science. Since then, Rochester's Clinical and Translational Science Institute has received nearly \$105 million in NIH funding and has supported nearly 100 trainees and funded close to 200 projects for a total of nearly \$15 million at the University. Researchers and trainees supported by the center have secured \$102 million in external funding.

Since 2011, the institute has been housed in the Saunders Research Building at the Medical Center.

Nancy Bennett, codirector of the insti-

tute and director of the Center for Community Health, says the goal of the NIH's translational sciences program is to speed medical and population health interventions to people who need them.

"No single institution can do this alone, and we don't want to reinvent the wheel at each institution, so we must create ways to easily access and leverage each other's resources, tools, and expertise," Bennett says.

Early in the national program's history, member institutions worked largely independently and best practices or resources developed at one institution were not easily transferred to the others as was originally intended. The National Center for Advancing Translational Sciences established funding for a coordinating center to facilitate collaboration among awarded institutions.

The center will also help communicate the importance of the program to government stakeholders and US taxpayers. **B**

## Ask the Archivist: 'Ask Not What the Archivist Can Answer for You...'

*A question for Melissa Mead, the John M. and Barbara Keil University Archivist and Rochester Collections Librarian.*

**On the back of Bausch & Lomb Hall, there is a balcony or observation deck off the fourth floor. Was it used to address students and staff, or for events? Do you have anything that would explain our mysterious balcony?—Shawn Casey, Churchville, New York**

The balcony on the back of Bausch & Lomb Memorial Hall (facing Hoyt Hall) was intended as the scene of scientific, not theatrical events. It was requested by Professor Brian O'Brien for the purpose



**SUN SETTINGS:** Brian O'Brien, director of the Institute of Optics from 1938 to 1953 (left), helped develop the icaroscope, a telescope designed for studying the sun. Optics faculty demonstrated a modern version of the device during August's eclipse.

of "study[ing] the sun's rays from sun rise to sun set" using a spectroscope weighing 800 pounds that was connected to equipment within the building.

Like the ivy on the Eastman Quadrangle (*Rochester Review*, July-August 2017), the balcony was an embellishment to the original campus plan that was initially opposed for aesthetic reasons. "Dr. Rhees stated that unquestionably the Bausch & Lomb Memorial Building had been built for use, and if [the] balcony as contemplated is needed, it will be built." It was completed in November 1930, at a total cost of \$891. O'Brien, one of the University's most enduring figures, joined the faculty in 1930, and served as director of the Institute of

Optics from 1938 to 1953. During World War II, *Review* noted that O'Brien "probably had been given more tough research assignments than any single scientist in the United States." One assignment, top secret until the October 1946 meeting of the Optical Society of America, was the icaroscope: "With the icaroscope, the human eye does not look directly at the sun itself or any object in line with the sun. Instead, the light is focused on the phosphorescent screen. The screen has an afterglow, and reproduces the image but at greatly reduced brilliance," reported the *Honolulu Star-Bulletin*, one of many newspapers to report the invention. On August 21, members of the University community had the chance to use a modern icaroscope to view the solar eclipse, courtesy of Jim Zavislan, an associate professor of optics.

**I graduated from the River Campus in 1960. Early that year, or possibly in late 1959, John F. Kennedy visited the campus and met with a group of students. I took pictures of him at the event, which were published in the *Campus-Times*. I would like to locate those pictures, but I believe the *Campus-Times* is not available online for that year. Can you check to see if the pictures might be available either online or in hard copy?**

—Richard Miller '60, Washington, D.C.

Kennedy had a whirlwind day in Rochester on October 1, 1959, which the *Campus-Times* reported using a sequence of your photographs. In addition to speaking to a standing-room-only crowd in Strong Auditorium, Kennedy was booked to address the Rochester Ad Club, for a television interview with Channel 10, had a 3 p.m. meeting with area Democratic Party chairs, held what we would today call a town hall meeting at Temple B'rith Kodesh at 7 p.m., and finished the day with an 8 p.m. speech and rally with the Democratic County Committee at the Auditorium.

The *Campus-Times*, *Tower-Times*, and their respective predecessors have recently been digitized, and will be available

online soon. The University Archives holds thousands of images, but relatively few original photographs from student publications, and always welcomes the gift (or loan) of images in any format—photographs, negatives, slides, and digital.

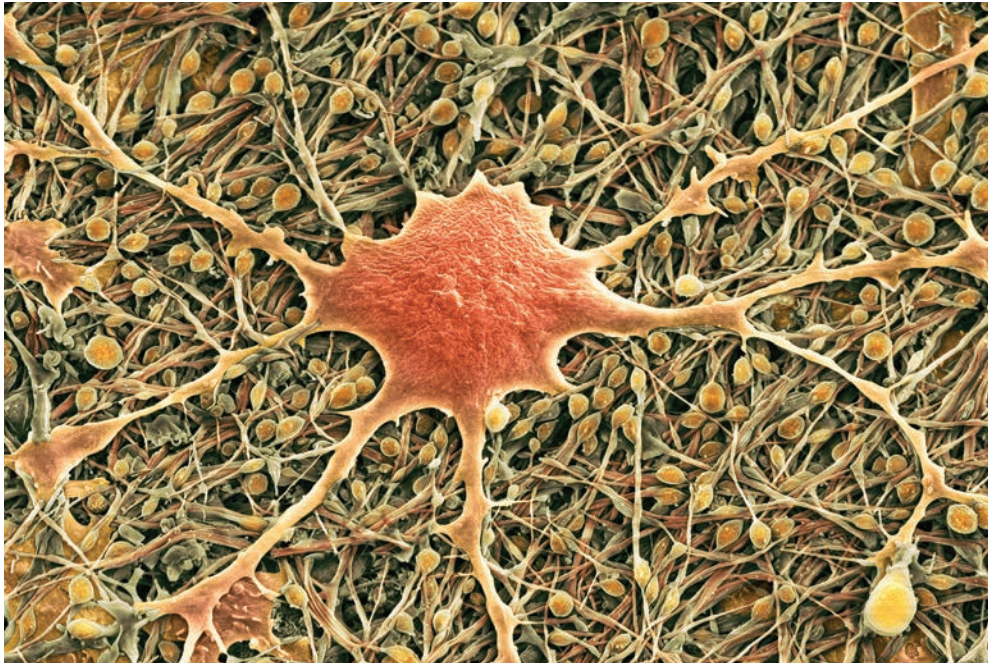
### ... Ask What You Can Answer for the Archivist

The Archives (and the Archivist) can locate the answers to many fact-based questions, but not the "what was it like" kind: did you see the Kennedy(s) in Strong Auditorium?

Many thanks to all those who responded regarding their student-soldier experiences; your memories and insights will enrich the exhibit in the short-term, and the Archives for the duration.

### Need History?

Do you have a question about University history? Email it to [rochrev@rochester.edu](mailto:rochrev@rochester.edu). Please put "Ask the Archivist" in the subject line.



**GLIAL GLITCHES:** Childhood-onset schizophrenia may begin in faulty glial cells—brain cells that protect neurons and help them build communication networks.

## Where Does Schizophrenia Begin? New Evidence Points to Glial Cells

Researchers at the Medical Center have identified a potential culprit behind the wiring problems in the brains of people with schizophrenia.

When the researchers transplanted human brain cells generated from individuals diagnosed with childhood-onset schizophrenia into mice, the animal's nerve cell networks did not mature properly, and the mice exhibited behaviors similar to those seen in people with the disease.

The findings, published in the journal *Cell*, suggest that childhood-onset schizophrenia may be due to glial cell dysfunction, according to Steve Goldman, the Dean Zutes Chair in Biology of the Aging Brain and codirector of the Center for Translational Neuromedicine, who was the lead author of the study.

"The inability of these cells to do their job, which is to help nerve cells build and maintain healthy and effective

communication networks, appears to be a primary contributor to the disease," he says.

The research provides scientists with a foundation to explore new treatments for the disease. Because schizophrenia is unique to humans, scientists have been limited in their ability to study it. The researchers developed a new animal model that can be used to accelerate testing drugs and other therapies in schizophrenia.

—Mark Michaud

## An Eye Test That Could Help Diagnose Autism

New research on rapid eye movements could herald a new tool to help physicians identify a sub-group of people with autism.

The rapid eye movements that humans make when shifting attention from one object to another, known as saccades, are essential to understanding and interacting with the world.

Saccades are controlled by the cerebellum, a densely packed structure of neurons that plays a role in motor control as well as emotion and cognition, due to its connections to the rest of the brain. There is growing evidence that the structure of the cerebellum is altered in some people with autism.

A series of experiments led by John Foxe, the Kilian J. and Caroline F. Schmitt Professor in Neuroscience and director of the Del Monte Institute for Neuroscience, and Edward Freedman, an associate professor in the Department of Neuroscience, suggested that the sensory motor controls in the cerebellum responsible for eye movement were impaired in subjects with autism.

Thus, saccade adaptation measures may prove useful in early detection of the disorder.

The research appears in the *European Journal of Neuroscience*.

—Mark Michaud

## Bacterial or Viral? Genes May Hold the Key

Antibiotics are lifesaving drugs, but overuse is leading to one of the world's most pressing health threats: antibiotic resistance.

Antibiotics help fight bacterial infections, but are not effective against viruses. But because physicians have lacked a fool-proof means to confirm bacterial infections, they often prescribe antibiotics, even though an infection may be viral.

A team led by Ann Falsey, professor and interim chief of the Infectious Diseases Division at the Medical Center, is developing a tool to help physicians identify bacterial infections.

Falsey's team conducted a battery of microbiologic tests on blood samples from participants who had been hospitalized with lower respiratory tract infections. Thomas Mariani, a professor

of pediatrics and biomedical genetics, used genetic and statistical analysis to pinpoint 11 genetic markers in the blood that correctly classified the patients with bacterial infections 80 to 90 percent of the time.

"Our genes react differently to a virus than they do to bacteria," says Mariani. "Rather than trying to detect the specific organism that's making an individual sick,

we're using genetic data to help us determine what's affecting the patient."

Falsey and Mariani plan to continue their research, noting that the genetic classifiers selected from the study population may not prove to be universal to all patients.

The study appears in *Scientific Reports*.

—Emily Boynton

## Sharpen Your Image—With Freeform Optics

Researchers at the Institute of Optics have described an optical device with potential applications ranging from improved satellite and diagnostic imagery to more precisely matching the paint color on a living room wall.

The device is a type of spectrometer—an optical instrument that takes light and breaks it down into components to reveal a catalog of information about an object.

Unlike traditional spectrometers, this one is designed using freeform optics. A relatively new type of optical design, it replaces rotationally symmetrical, and often perfectly spherical, optical surfaces with “freeform” ones that rely on a more complicated geometry.

Freeform design enables a device to efficiently correct aberrations with fewer, smaller lenses and mirrors.

Described in *Light: Science & Applications*, the device—designed by Jacob Reimers,



**DECENTERED:** Designed with freeform optics, Reimers’s prototype spectrometer is lighter, more compact, and more efficient than traditional spectrometers.

a PhD candidate in the lab of Jannick Roland, the Brian J. Thompson Professor of Optical Engineering—is five times more compact than similar spectrometer designs using more conventional mirrors.

It also allows a three-fold increase in the bandwidths analyzed and is 65 times more effective at correcting aberrations that affect field of view and resolution.

“Spectrometers monitor

the environment, help examine patients, and are broadly used for many other applications. What we found here can be applied to spectrometers used in all of these other applications,” says Roland.

—Bob Marcotte

## Of Mice and Milkshakes

Not surprisingly, a fast-food diet is no better for mice than for humans. But a drug developed at the Medical Center protected mice that were fed a fast-food diet from one of the diet’s many potential ills: nonalcoholic fatty liver disease.

In a study published in the journal *JCI Insights*, scientists reported that the drug, dubbed “URMC-099,” reversed liver inflammation, injury, and scarring in mice. The mice had developed the symptoms of fatty liver disease after consuming a diet high in fat, sugar, and cholesterol that had been designed to replicate a fast-food diet and recreate the features of the illness found in people.

Eating high volumes of fatty and sugary foods triggers inflammation in the liver, and

the body responds by sending immune cells to neutralize the threat. Unfortunately, the immune response can rage out of control, creating even more inflammation and further damaging the liver. URMC-099, which was developed in the laboratory of Harris (Handy) Gelbard, a professor of neurology and the director of the Center for Neurotherapeutics Discovery, dials back the immune response to a normal level.

“URMC-099 seems to break this vicious cycle of persistent inflammation by restoring balance between immune cells and liver cells,” says Gelbard. “The drug’s ability to turn down the volume on the immune response allows the liver to regain its normal functions.”



Working with scientists at the Mayo Clinic and University of Cincinnati, Gelbard fed mice the diet for six weeks.

After five-and-a-half weeks on the diet, half of the mice received URMC-099 and half received placebo. The mice given the drug had less immune-related inflammation and less liver injury and fibrosis compared to placebo-treated mice and didn’t experience any major side effects. Based on the results, Gelbard, who originally developed URMC-099 to treat neurological disorders, is working toward early phase clinical trials for the drug to treat nonalcoholic fatty liver disease.

—Emily Boynton



**MUSIC LEADER:** Waddell will direct ensembles in the College.

## New Conductor Named

Rachel Waddell is the new director of orchestral activities in the Department of Music.

Previously the associate conductor of the Canton Symphony Orchestra, a professional regional orchestra in northeastern Ohio, and music director of the award-winning Canton Youth Symphonies, Waddell will conduct both the Symphony and Chamber Orchestras, mentor the Chamber Ensembles, and teach the course The Symphony and the Conductor. She holds a doctor of musical arts in orchestra conducting from the University of Nevada, Las Vegas, and has served on the faculty at Kent State University, Malone University, as well as Nevada.

## University Offers Gender-inclusive Housing Option

The University is making the option of gender-inclusive housing assignments available to sophomores, juniors, and seniors in the College. As of this fall, upper-class students can choose to live in a double room or a double room in a suite with someone of a different gender or gender expression.

The new policy is aimed at fostering a residential experience that's welcoming and supportive

of all gender identities, as well as giving students greater flexibility to have roommates with whom they are most comfortable.

The University joins more than 200 colleges and universities in the United States that offer gender-inclusive housing, including Cornell University, Case Western Reserve University, RIT, and SUNY Geneseo.

The Office for Residential Life and Housing Services has

permitted mixed-gender groups to live together in on-campus suites and apartments. The new option extends that option to double rooms and suite double rooms on coed floors. Consistent with other University housing policies, students in a romantic relationship are discouraged from being roommates through the option.

The policy does not apply to first-year students.



## Eastman Jazz Sextet Makes Tokyo Festival Debut

**MUSICAL TOUR:** An ensemble from the Eastman School of Music represented the University for the first time at the Tokyo Jazz Festival late this summer. Under the sponsorship of the US Embassy in Japan, the Eastman Jazz Sextet—Ryder Eaton '17E (bass), Luke Norris '17E (saxophone), Christian Crawford '17E (trumpet), Sterling Cozza '18E (piano), graduate student Chase Ellison '16E (drums), and C.J. Ziarniak '17E (saxophone)—performed a series of concerts. The ensemble is led by jazz professor Jeff Campbell '92E (MM), '02E (DMA).

## Golisano Children's Hospital Opens Two New Floors

The Medical Center celebrated the opening of two new floors of Golisano Children's Hospital this summer, a milestone that marked the completion of the second phase of construction on the new hospital building that opened in 2015.

The \$45 million endeavor adds to the hospital's position as one of the top surgical and complex care facilities in the nation. The

new areas on the fourth and sixth floors include six new pediatric operating rooms in the William and Mildred Levine Pediatric Surgical Suite; new facilities in the Clay E. and Rita M. Buzzard Pediatric Cardiac Cath Lab Suite; a gastroenterology surgical procedure suite, and 23 new private pre-op and post-op recovery rooms.

The work also included the

relocation of ICU and general care pediatric beds and the addition of new pediatric ICU beds.

"For the first time, we will have operating rooms that are designed specifically for the complex needs of children," says Walter Pegoli, the Joseph M. Lobozzo II Professor and chief of pediatric surgery. "The larger, modern facilities will give us the space and resources we need to

provide patients with the most advanced surgical care."

Fundraising for the construction is ongoing and has been supported by numerous gifts, including a \$2 million donation from Rita Buzzard in honor of her late husband, Clay, and a \$750,000 pledge from Andy McDermott and Rob Burch, creators of the Fairport Music Festival.



## Experiment by East High School Students Orbits the Earth

A project designed by East High School students went into orbit this summer.

As part of NASA's Student Spaceflight Experiments Program, students De'aunte Johnson, Binti Mohamed, and Tailor Davis in August watched from Rochester as their project was rocketed to the International Space Station.

Working with Mary Courtney, a chemistry teacher and spaceflight experiments community project director at East, the three designed an experiment to test how quickly chlorophyll degrades in microgravity conditions.

Students ultimately hope to learn how organisms, in this



**EXPERIMENTAL SPACE:** An experiment designed by East High School students was selected to go aboard the International Space Station.

case phytoplankton, are able to survive in space without sunlight or gravity. East was one of only 21 schools across the United States

and Canada selected to have their science experiments aboard the space station.

As part of an Educational

Partnership Organization established in July 2015, the University has assumed management responsibilities for East, a Rochester city school that includes grades 6 through 12.

"Everything that we're trying to do here at East under the University of Rochester partnership, in terms of turning the school around, is all research based," says Courtney, "I think when you take a science project like this and show kids how it can have real-world applications and involve them and really immerse them, it really builds on everything that we're trying to do and it reinforces the whole U of R research philosophy."



**GLOBAL GATHERING:** For the second time in two years, International Baccalaureate students from around the world convened at Rochester.

## University Hosts International Baccalaureate Conference

More than 200 high school students from around the globe gathered on the River Campus this summer for the sixth annual International Baccalaureate World Student Conference.

The University has long had a special relationship to the International Baccalaureate program, a rigorous precollege educational system emphasizing critical thinking. Rochester was the first

university in the Northeast to offer scholarships to students with International Baccalaureate, or IB, diplomas, and about 10 percent of incoming students each year come from IB schools.

"Like Rochester on the college level, the International Baccalaureate program has for 50 years led students in an innovative approach to curriculum," says Jonathan Burdick,

the University's vice provost for enrollment initiatives and dean of admissions and financial aid. "It's one that requires them to choose a few subjects they love most and immerse themselves in them to high levels of mastery."

International Baccalaureate started with one school in Geneva, Switzerland, in 1968 and today is offered in more than 3,400 schools in 150 nations.

The University also hosted the world conference in 2015. This summer, students came from nations such as Cambodia, China, Egypt, Mozambique, and New Zealand, and states as far away as Oregon, Texas, and Idaho.

Through a broad spectrum of speakers and classes, the students explored the theme "Defining and Defying Boundaries."



## SCOUTING REPORT

# What's the Outlook for the Yellowjackets?

Rochester's fall varsity sports teams are looking forward to successful campaigns in 2017.

By Dennis O'Donnell

**Men's Cross Country:** The team returns a good nucleus of Yellowjackets who ran in the UAA and NCAA regional championships in 2016: Ivan Frantz '20, Benjamin Martell '19, Hunter Phinney '19, and Nate Conroy '18. Frantz was the team's top runner at the 2016 regionals, finishing 66th overall, and Martell finished in the No. 2 spot both at UAA and regionals.

**LOOKING FOR A FOURTH?** Rachel Bargabos will help lead the women's cross country team this fall. The squad is looking to make a fourth straight appearance at the NCAA championship meet.

**Women's Cross Country:** Rochester has appeared in the NCAA championship meet for three straight years—finishing 14th as a team in 2015 and qualifying individual competitors in 2014 and 2016. Will it be four straight in 2017? The team is led by four returnees from last year's regional squad: Rachel Bargabos '19, Ayumi Yusa '18, Ariane Hasbrouck '19, and Clara Wolfe '18.

**Field Hockey:** With back-to-back 18-win seasons, Rochester has established itself as a contender. Aiming for a third straight NCAA playoff bid, the Yellowjackets return with top scorers Claire Dickerson '18 and Maya Haigis '20, goaltenders Gabrielle Cantley '18 and Kiran Sundaram

'18, and backfielders Courtney Dunham '19, Samantha Dow '18, and Colleen Maillie '20. In midfield, look for Olivia Denny '18 and Miranda Lakis '19.

**Football:** As the 2016 quarterback, Dan Bronson '18 led an offense that generated almost 380 yards per game. He's a wideout in 2017. Emanuel Calmar '19 ran for five touchdowns. Bronson and punter Paul Mokrzycki '20 made the All-Liberty League team. Ricky Sparks '18 and Josh Churchin '18 were among the tackle leaders.

**Golf:** Rochester won the Liberty League title and advanced to the NCAAs last year. All-Region golfers Jack Mulligan '20 and Jason Paek '18 lead the way this year. Both were first team All-Liberty League, and



**SQUAD SUCCESS:** All-UAA honorees Sydney Melton and Clara Martinez return to help anchor soccer and volleyball.

Mulligan was the league's Rookie of the Year. Corey Mitchener eyes a return to the lineup, and five first-year students look to make an immediate impact.

**Rowing:** At the state championships last spring, Rochester produced solid performances in the varsity 4+, open 4+, and novice

8+. That may bode well for 2017-18. In the fall, Rochester will compete in the Challenge on the Canal, the Head of the Genesee, and either the Head of the Schuylkill (Philadelphia) or Head of the Fish (Saratoga Springs).

**Men's Soccer:** With plenty of experience in the soccer ranks, defense remains a strength. Last year, Rochester posted six shutouts and held five teams to one goal in a season that included the team's 17th NCAA play-off appearance, its 10th in the last 12 years. Lasha Alkhazishvili '19, Zach Lawlor '20, and Lucas Loecher '19 return to anchor a seasoned group at the back. On attack, the goals will come by committee with Bryce

**FACTOR IN FOOTBALL:** Dan Bronson takes his skills to wide receiver this year. At quarterback in 2016, he passed for 1,523 yards and 12 TDs plus ran for 668 yards and five touchdowns.




Ikeda '19, Aleks Dombrowski '18, Alex Di Perna '18, Geoffrey Rouin '18, and Mitch Volis '20 all returning.

**Women's Soccer:** Rochester beat two Final Four teams last year, including the eventual NCAA champion. Eight starters are back for a team that held 12 of 18 foes to a goal or less.

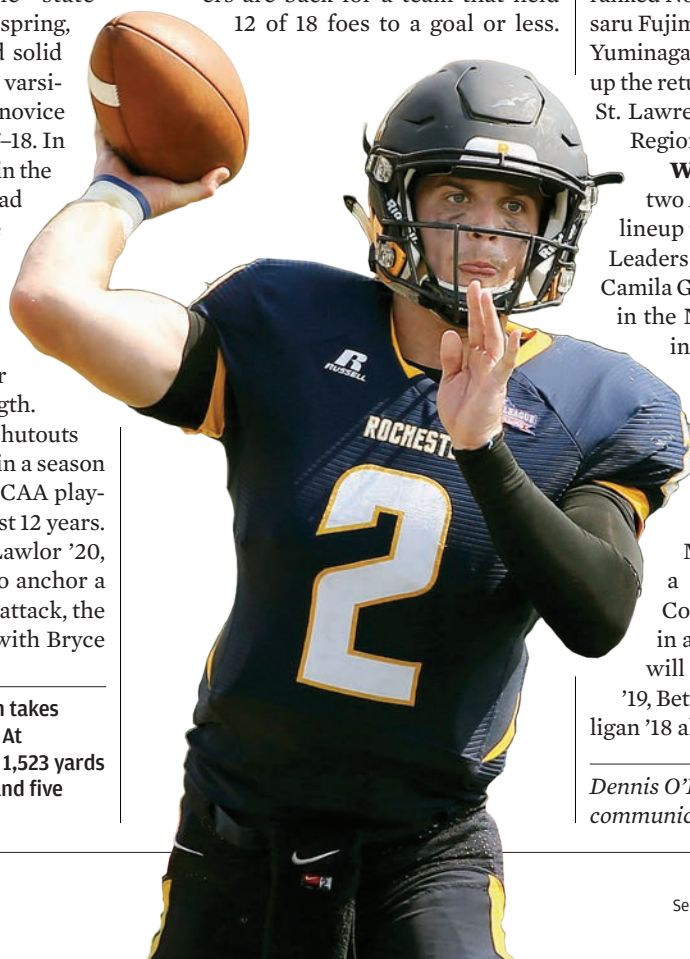
The veterans include All-UAA honorees McKenzie Runyan '19, Megan Runyan '19, and defender Sydney Melton '18. Three vets return in goal: Madilynne Lee '18, Samantha Hlavac '19, and Gwen Haffenden '20.

**Men's Tennis:** The Yellowjackets were ranked No. 18 regionally in the spring. Masaru Fujimaki '19, Aaron Mevorach '18, Jun Yuminaga '18, and Andrew Nunno '18 head up the returnees. Rochester will play at the St. Lawrence Fall Classic and at the ITA Regionals at Skidmore this fall.

**Women's Tennis:** Rochester has two All-UAA honorees returning to a lineup that was ranked 33rd nationally. Leaders include Sravya Gudipudi '20 and Camila Garcia '19, who was ranked No. 24 in the Northeast regional singles rankings. Rochester will play in three fall tournaments, highlighted by the ITA Regionals at Skidmore in late September.

**Women's Volleyball:** Rochester looks to build on last year's success behind Clara Martinez '20, an All-Region and a first team All-UAA honoree. Courtney Vidovich '19 led the UAA in aces per set. Rochester's balance will help in the offense: Alara Kocak '19, Beth Ghyzel '20, and Alexandra Nelligan '18 all return. 

*Dennis O'Donnell is director of athletic communications.*

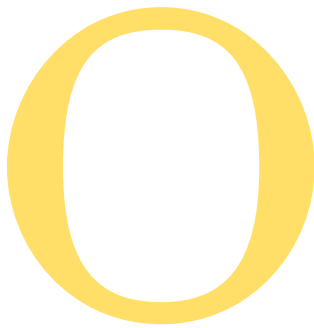




FOREVER

# friends

Paired in a random room assignment  
three decades ago, two graduates  
find a common bond as entrepreneurs  
and lifelong friends.



On a Tuesday afternoon in 1983, then freshman Jodi Parker was looking out her window in Susan B. Anthony Hall. She was waiting for her roommate, then Karen Price, to walk up the path to the dorm.

Having just met that fall, the two first-year students had already developed an important ritual.

Every Tuesday, cookies made by Price's grandmother arrived in the mail. The brown-paper package tied with a string contained snickerdoodles, or chocolate chip cookies, or peanut butter cookies—

cookies that Parker always thought “tasted like love from home.”

As the two shared each week's shipment, they talked. It was a simple way for the two of them to get to know one another, to look beyond their different habits, viewpoints, and academic interests.

Outwardly, they seemed to have little in common. An English major, Price grew up in a small, scenic village in upstate New York, where she honed a love for writing, volleyball, and homegrown vegetables; an optical engineering major, Parker grew up in Worcester, Massachusetts, the second-most-populous city in New England, and brought to campus a passion for math, science, and Chinese takeout.

Yet they felt a connection, a friendship that developed through their common ground as students, their commitments to family, and the excitement of new opportunities to test their entrepreneurial instincts.

The ties lasted through all four years as roommates on the River Campus, marriages to college sweethearts—Price married Robert Pavlicin '87 and Parker married Jacob Seidner '87—parenthood, early careers in the business world, and entrepreneurs running their own successful businesses. They've celebrated, mourned, and achieved together.

In short, the two—now known as Karen Pavlicin-Fragnito '87 and Jodi Seidner '87, '91S (MBA)—became lifelong friends.

“We have this sixth sense about each other,” says Pavlicin-Fragnito. “If one of us has something going on, all of a sudden the other is on the phone and saying, ‘I’m thinking of you and thought I should call.’”

This fall, the two friends will return to Rochester for their 30th reunion. And while the reunion is a chance to formally reacquaint themselves with campus, for the two classmates, the spirit of Rochester is never far away.

## Forever Entrepreneurs

Both are now full-time entrepreneurs running profitable businesses.

Pavlicin-Fragnito, who lives in St. Paul, Minnesota, owns Elva Resa Publishing, an independent publishing company that's home to three imprints—one geared toward military families, one for general interest children's books, and one for inspirational works.

With more than 70 writers and illustrators, the company's namesake imprint Elva Resa is the leading publisher in the United States specializing in military family life. The titles in her online store, MilitaryFamilyBooks.com, range from those by self-published authors like Alia Blau Reese '95 to those published by industry giants Simon & Schuster, Penguin, Random House, and others.

In Connecticut, Seidner runs Sweet Seidner's Bake Shop, an online bakery that ships homemade cookies and baked treats to students at more than 75 colleges, universities, boarding schools, and graduate schools.

“We're always bouncing ideas off each other and tapping into each other's experiences,” says Seidner.

The entrepreneurs first whetted their appetite for business as juniors at Rochester. In the spring of 1986, prompted by surveys that indicated some prospective students thought Rochester was a public institution, the University commissioned a study to explore whether the name—“University of Rochester”—should be changed.

**FOREVER CONNECTED:** First honing their business skills as students, Karen Price Pavlicin-Fragnito '87 (top) and Jodi Parker Seidner '87, '91S (MBA) (bottom, with husband, Jacob Seidner '87) sold T-shirts printed with the phrase “Forever YoURs.” First introduced in Susan B. Anthony Hall in 1983, the two were roommates through all four years of college and have remained friends, encouraging each other in their entrepreneurial endeavors.





After President G. Dennis O'Brien announced the name would remain intact, the University's public relations department made commemorative buttons, emblazoned with the words "Forever YoURs." Demand for the buttons was overwhelming.

Walking across campus, Pavlicin-Fragrino overheard a classmate lament, "It's too bad they didn't put the logo on T-shirts."

That gave the women an idea. Pavlicin-Fragrino asked permission to make and sell T-shirts. She returned with the news that the University had said yes.

After asking their parents to help with financing the project, each received \$750. They researched screen-printing options and costs, and secured the OK to sell the shirts outside the dining center (using a table on loan from the University).

The response was swift. Eighty percent of the initial 500 shirts sold in the first two weeks.

The women reimbursed their parents and, having turned a profit so quickly, realized they had a knack for identifying what people want—and providing it for them.

"Selling the Forever YoURs shirts was our first real entrepreneurial venture," says Seidner. "It planted a seed in each of us that validated our business acumen and gave us confidence to pursue new ventures."

**SWEET SUCCESS:** After working in brand management for a decade, Seidner left the corporate world and eventually started her own business, Sweet Seidner's Bake Shop. The online bakery specializes in sending homemade treats to college students, an idea sparked when she was roommates with Pavlicin-Fragrino during her first year at Rochester.

## A Taste for Business

Their current entrepreneurial success did not come immediately. Starting her career as an engineer in military defense, Seidner realized it wasn't for her.

While saving money for graduate school, she worked catering jobs, including an Inauguration Ball for George H. W. Bush, and took baking and cake-decorating classes.

"These experiences rejuvenated me," Seidner says. She returned to Rochester to attend the Simon Business School, earning an MBA in marketing and finance. She spent the next 10 years managing brands for Unilever, Tetley, and BIC, honing her business expertise.

Her perspective on corporate life changed on September 11, 2001. "I was on my way to LaGuardia Airport for a business trip. I was five months pregnant with my son, Josh," she says. "I was on the



**BEST SELLING:** Since launching her company Elva Resa, Pavlicin-Fragnito has grown it into the leading publisher of books and resources for military families. She began the venture when she was married to her late husband, Robert Pavlicin '87, who was a Marine. For the wedding, she asked Seidner and other friends and family members to make squares (below) for a quilt.

Whitstone Bridge on that beautiful, sunny day when the second World Trade Center tower was hit. I decided to turn around and go home.”

When it came time for Seidner to return to work after maternity leave, she realized she didn't want to travel. She retired from corporate life two weeks later. As a stay-at-home mom, she started, grew, and sold part-time businesses, including a bridal gown partnership.

When her daughter, Mollie, left for college, Seidner followed her passion for baking. Remembering her shared-cookie experience at Rochester, she gave her niece a special gift: she baked and sent her cookies every month of her freshman year.

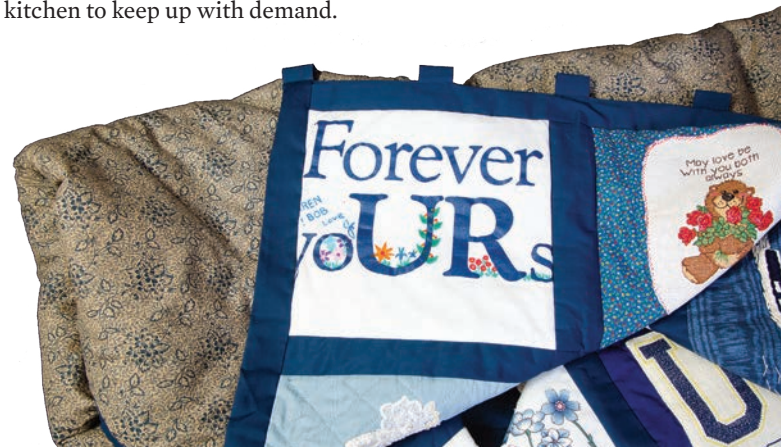
“My niece had never been away from home, so I wanted to help her meet people,” Seidner says. “She could walk down the dorm hallway and say, ‘Do you want a cookie?’ What college student doesn't want a cookie?”

Two years later, Seidner did the same for another niece. The

positive responses confirmed her new business focus: homemade treats for college students.

Seidner sent Pavlicin-Fragnito boxes of cookies to see how they traveled and tasted, then sought her friend's advice on potential business names and e-commerce platforms.

After two years in business, Sweet Seidner's Bake Shop offers a variety of cookies, brownies, macarons, and traditional Jewish treats like hamantaschen, rugelach, and babka. As the business has grown, Seidner transformed her home's basement into a commercial kosher kitchen to keep up with demand.



## MELIORA WEEKEND 2017

### Ready for Reunion?

Both Karen Pavlicin-Fragnito '87 and Jodi Seidner '87, '91S (MBA) are helping organize this fall's 30th reunion for the Class of 1987.

A key part of Meliora Weekend, October 12 to 15, the celebration is an opportunity to discover what the years have brought for the campus and former classmates.

"I'm looking forward to seeing what's changed, to reconnecting with people," Seidner says. "You never know what possibilities that holds for you."

While all graduates are invited to join Meliora Weekend festivities, many of the class-specific activities are based in reunion classes. Organized by five-year increments—this fall is the 2's and the 7's—reunion has evolved from a simple celebration of nostalgia, says Paul Lanzone '03, assistant vice president for alumni relations and constituent engagement.

The activities are designed as a way for classmates to build ties and networks not only with one another, but also with other alumni and with current students. Reunion is an important way to see how the University and its programs are continually moving forward and to be involved in what that means for each generation.

"Our campuses have changed visibly over the years, and coming back is a very tangible way to stay engaged," he says. "You definitely get the sense that the University has moved into the future, but there's still this tradition of research and education. There are so many palpable sensory experiences that bring back what those four years were all about."

Jane Zimelis Cohen '67, one of three chairs organizing her 50th class reunion and a vice chair of the newly formed National Alumni Board, has attended every reunion since 2000—except in 2014, the weekend her son got married.

Highlights of this year's program, notes Cohen, include a class dinner performance by the YellowJackets—joined by past YellowJackets members from the classes of '67 and '66 and some past Tritones members—and an interfaith memorial service organized by a representation of diverse clergy who graduated in '67.

Cohen met her husband, Lawrence Cohen '66, at the University. The pair established the Lawrence J. Cohen '66 and Jane Zimelis Cohen '67 Endowed Undergraduate Scholarship Fund in 2004.

Reunion is "mostly about the people, but it's also about being able to touch base with the physical place where I really became the person that I am," she says. "The University has continued to give me opportunities to lead, to be enriched, and to interact with fascinating, intelligent people. It's a big part of my volunteer life."

For Alan Carmasin '67, another reunion organizer and a retired senior associate director for University Advancement, it's heartwarming to catch up with former fraternity brothers.

He also looks forward to creating new associations: "I make new friends that I didn't know in school, but who I see at every reunion now. Some of them I stay in touch with."

—Robin L. Flanigan

For more about Meliora Weekend: [Rochester.edu/melioraweekend](http://Rochester.edu/melioraweekend).



**FAMILY FOCUS:** Shortly after her son, Josh, was born, Seidner began to focus on her own business ideas, launching her bakery after her daughter, Mollie, left for college. She and her husband, Jacob Seidner '87, met at Rochester.

### The Bonds of Friendship

During their first year on campus, mutual friends set up Seidner and Pavlicin-Fragnito with blind dates to the NROTC ball. Seidner and her date, Bob Pavlicin, didn't hit it off that night, but remained friends.

During their junior year, Bob and Karen started dating. In preparation for their wedding in 1991, Karen sent a letter to close friends and family members asking for decorated fabric squares that she could stitch together to make a wedding quilt.

Recalling that she had a few leftover "Forever YoURs" shirts, Seidner dug one out and cut a square around the logo. She painted flowers into the design to represent a phrase the two roommates used to encourage each other during tough times: "Think of flowers."

Very tough times came a decade later for the Pavlicins. When their son, Alexander, was 18 months old, Bob was diagnosed with stage-four colon cancer. Though he was given a prognosis of less than a year, he survived two years before passing away in February 2003.

"Initially I told Karen that I could not attend the memorial service in Minnesota," says Seidner. "I had not been on a plane since 9-11. I was too scared to fly and too embarrassed to admit it." Without telling Karen she was coming (just in case she couldn't do it), she made the trip to Minnesota.





**CONTINUING THE TRADITION:** Pavlicin-Fragnito's son, Alexander, moved into Tiernan Hall late this summer as a member of the Class of 2021, planning to double major in engineering science and international relations.

"I am eternally grateful I was able to get on that plane," Seidner says. "The look on Karen's face when she saw me come through the door at the memorial chapel almost brought me to my knees. We hugged for a very long time."

Two years later, Pavlicin-Fragnito's dad died suddenly of a heart attack. About the same time, the corporation she worked for restructured, so she took the opportunity to leave the corporate world.

"As a single mom, I wanted a flexible schedule that allowed me to be there for Alexander and that also used my talents and passions in meaningful ways," she says. She gave her publishing company, which had been a part-time venture, new attention.

The first book she wrote for military families, *Surviving Deployment*, had been published weeks after Bob's death, and forms the foundation of Elva Resa's portfolio of resources on military life.

She also advocates for military families in Washington, D.C., and works with nonprofits, military units, chaplains, and school teachers around the world to support military families.

"When Bob was sick and after his death, Marines came from all over to support us—and they still do," she says. "This is just one way I can repay that kindness."

As she left the corporate world, she focused on her own writing.

She wrote her first children's novel, *Perch, Mrs. Sackets, and Crow's Nest*. The story about a young boy who finds the courage to face the changes in his life won several awards, including a Moonbeam Children's Book Awards Gold Medal for middle-grade fiction.

She also turned to songwriting.

"The songs I wrote during that time helped me sort through my grief and find faith to go on celebrating life," she says.

With encouragement from Seidner and others, she released a 12-song CD, *Little Bit of Faith*, and has donated the profits to cancer research. (She also created the Andermax Foundation. Seidner serves on the board of the foundation, which awarded its first grant from the Fightin' Bob Fund to the University's James P. Wilmot Cancer Institute.)

Even now, "I still receive notes from people who share how the songs are helping them through their grief," she says.

This year, Pavlicin-Fragnito's publishing company celebrated 20 years in business. Pavlicin-Fragnito married Geno Fragnito in 2011 and gained two stepdaughters, Ciana and Malaina. Geno plans to join Karen for Meliora Weekend in October.

## A Lifelong Legacy

With two of their children in college—Mollie Seidner is a sophomore studying biomedical engineering at Washington University in St. Louis; Alexander Pavlicin is a member of Rochester's Class of 2021, planning to dual major in engineering science and international relations in a program that will allow him to earn bachelor's and master's degrees—the women have been taking stock of the


ways in which new traditions are built.

One of those has origins in a spider plant that Bob purchased from Pavlicin-Fragnito during a volleyball team fundraiser their senior year. "Over the years, we've shared little offshoots with friends and neighbors when we moved, or they moved, so that mama plant has babies all over the country," she says.

As her son prepared this summer for the move into Tiernan Hall, the same dorm where his father had spent his freshman year, he asked if he could have one of the offshoots.

Alexander's spider plant made the trip with him to Rochester, where he hopes to establish his own legacy of the kind that he's seen grow in the lifelong friendships and connections in his family.

"Jodi's mom once said, 'I love that you two never run out of things to talk about,'" says Pavlicin-Fragnito. "We both give a tremendous amount of love, time, and commitment to each other and our friendship.

"We are ever grateful for that initial random roommate assignment." 

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*Robin L. Flanigan, a Rochester-based freelance writer, contributed to this story.*





# Building a Better Network

Tapping into the global community of Rochester's alumni, Alumni Relations looks to expand and deepen the connections that graduates have with the University and with one another.

## Interview by Scott Hauser

In many ways Paul Lanzone '03 was the quintessential Rochester student. A talented musician, the California native first became interested in the Eastman School of Music. But the more he discovered about the University, the more interested he became.

Though he decided during his college search not to pursue a life of music performance, he remained committed to the University, drawn by the Rochester Curriculum and the idea that he could largely map out an academic path that aligned with his interests.

"I just thought it sounded really unique and intriguing," Lanzone says. "I still liked the ties to Eastman because I wanted to maintain the music aspect."

Now the assistant vice president for alumni relations at the University, Lanzone says his journey to Rochester and the ways in which the University have influenced his

**LISTENING TO ALUMNI:** "It's incredibly important in everything that we're doing that the alumni voice is represented, that alumni are active partners, and feel a sense of ownership," says Lanzone.



**POWERFUL PARTNERS:** As part of efforts to build a stronger sense of partnership with alumni and other constituencies, Lanzone has led efforts to organize a national alumni advisory board and to enhance regional alumni networks.

life and career have stayed with him.

“In my first year, I took a class on mysticism and poetry. I had no idea what I was getting into. The professor was fascinating, and the content was just really interesting. So the next semester, I took another religion course, and another, and eventually realized that I was passionate about these studies. I declared my major in the religion department sophomore year.”

More than a decade later, Lanzone’s enthusiasm remains.

“I really believe in the University. I believe it is a very special place. I have my personal experiences with it, but I have the great fortune now to travel the world and see the *Meliora* spirit in action throughout our student and alumni communities. It’s a remarkable institution that provides amazing education and formation of individuals.”

Since May 2016, Lanzone’s role has been not only to share that appreciation for the institution, but also to build on the engagement that exists among alumni and

establish a strong infrastructure for alumni to connect with the University and with one another.

Over the past 15 months, he’s worked to put together a new strategic plan and a national advisory board of alumni. He’s also taken a hard look at the way alumni relations has traditionally operated.

The goal, he says, is to build a “culture of partnership” between alumni and the institution.

#### **Have you identified any particular priorities during your first year or so?**

When I came in last May, one of the first things I wanted to do was to look at all of our programs. What were we doing? What is the core work that we should be doing? How are we going to measure success? What are we going to prioritize over the next several years? I have been working to build that with our team and with many internal and external stakeholders.

A big priority in the alumni relations strategic plan is, how do we engage volunteers effectively and offer a high-quality experience across the board? We’re such a large organization, and with so many different people working with alumni volunteers—how do we make sure we’re handling those relationships in the best way for everyone?

#### **How do you plan to tap into the alumni perspective on engagement with the University?**

For the past year, we have been putting together an alumni board. We’re still recruiting, but we hope to have about 30 people by next year. We’re being very purposeful in the formation of the board to make sure that we have diverse

“I really believe in the University. I believe it is a very special place. I have my personal experiences with it, but I have the great fortune now to travel the world and see the Meliora spirit in action throughout our student and alumni communities. It’s a remarkable institution that provides amazing education and formation of individuals.”

representation by school, geography, class year, industry, race, ethnicity, and gender identity.

The board will also represent all of our core volunteer groups, making sure that our other alumni programs, like the Diversity Advisory Council, class programs, the regional network leadership cabinets, the school alumni councils, are part of an overarching strategy.

We have recruited an executive committee—three amazing representatives of the alumni population—who are very excited to help to lead this kind of strategic advisory group. Carol Karp ’74, a University trustee, is the chair. The vice chairs are Jane Zimelis Cohen ’67 and Drew Mittelman ’68, both of whom have been very active in alumni and volunteer circles. It will be the role of the board to make sure that we continue to have broad representation and viewpoint.

#### **How do you balance your work in engaging alumni with the overall advancement goal of raising philanthropic support?**

Alumni Relations is a unit within the Office of Advancement. Advancement’s goal is to work with our various constituents and partners

to support and advance the University, through philanthropy, volunteerism, events, and personal connections.

Alumni Relations is a really critical part of the overall Advancement strategic plan. Chief Advancement Officer Tom Farrell ’88, ’90W (MS) has developed the plan, called the Rochester Model. Balancing engagement with philanthropy is a cornerstone of that plan.

We know that when a University has a strong, connected alumni community, the institution and the alumni community benefit in a number of ways. You certainly see that in philanthropic support, but you also see it in internships and job placement for students. You see it in the institution’s reputation nationally and internationally.

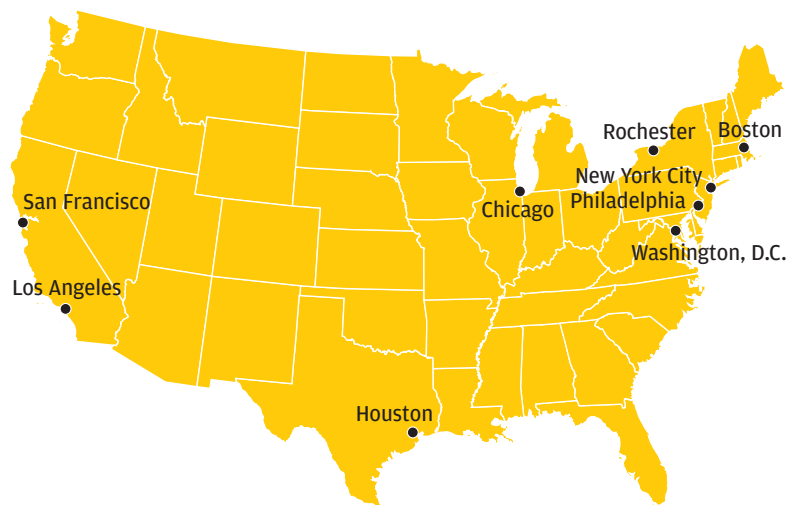
It’s a self-fulfilling cycle: if you have alumni who feel good about the University and stay connected, you see a positive impact on the University and its alumni community.

#### **What will alumni see as the plan rolls out?**

As it became clear that we needed to better align our volunteer and alumni voices into our decision making, one area that we began focusing on is building and strengthening our regional network. We think that our regional strategy is really going to be the foundation of our alumni relations work, providing an infrastructure where all of

## **Rochester Regional Networks**

Alumni Relations has begun developing a series of regional networks to better focus activities, programs, and opportunities for alumni and for others who have a connection to the University to volunteer, network, and stay connected. Open to all alumni, parents, donors, and students in each region, the networks are part of a strategic planning effort to build a stronger sense of connection among Rochester’s key constituent groups. For more information, visit [Rochester.edu/alumni/regional-network](http://Rochester.edu/alumni/regional-network).



our programs and activities can play out. We have designated a staff person for each major region to convene our volunteers in the area and to come up with annual plans for each region.

What events should we be doing? What’s working in the region and what’s not? Do we need more admissions recruiters in a particular area? Or, are there better companies we can tap into for internships and job opportunities for students?


And making sure that we’re involving alumni leaders in that conversation and they feel that alumni can own their Rochester network.

Other priorities include class-based activities, beyond milestone reunions. And we’re building newer programs to focus on diversity and inclusion efforts, alumni career services, and helping student groups stay in touch with alumni over time.

#### **Why did you want to lead in this way?**

As an alumnus, as someone who’s been in the industry for a number of years, I have long been intrigued by the potential for Rochester. When I saw the Rochester Model plan and learned about Tom’s vision and the support he has from President Seligman and the Board of Trustees, it was exactly what I had wanted for the University. I thought it sounded exciting, and I knew it was time for me to be part of it.

We, as the University, know that we can and should better engage and support our alumni community. And we have been working very thoughtfully on how to do that.

It’s incredibly important in everything that we’re doing that alumni are active partners and feel a sense of ownership—and that, at a very strategic, high level, the alumni voice is being represented. 

# WHAT THEY DID *this* SUMMER

*Summer is prime time for undergraduates to dive into research on the River Campus.*

**W**hat's true for faculty members and graduate students can also be true for undergraduates: summertime is prime time for research.

During the “quiet” months of June, July, and August, the River Campus is home not only to Rochester students pursuing special projects, but also to undergraduates from universities across the country who take advantage of the resources of a tier-one research university that places a high priority on affording research opportunities to undergraduates.

Working alongside faculty helps students hone problem-solving skills in a way that regular coursework may not. Unlike solving a homework problem to which the answer is known, or reporting on a question or topic that's already been well studied, research is “the process of creating new knowledge, of finding solutions where none are known,” says Wendi Heinzelman, dean of the Hajim School of Engineering & Applied Sciences. “That's a very different skill from what you get in the classroom,” but one that's critical to almost any career path.


Myriad programs support summer research for undergraduates. Several of these programs fall under the umbrella of the National Science Foundation's Research Experience for Undergraduates (REU) initiative. REUs are designed and carried out by faculty, and funded by the foundation.

Several students participate in programs of the David T. Kearns Center for Leadership and Diversity that help prepare low-income, first-generation, and underrepresented minority undergraduates for graduate school.

In addition to the field-specific experience they gained, summer researchers also learned firsthand what research entails—and whether it's a career they want to pursue.

“You can spend a lot of hours trying to figure things out,” says Graham Palmer, a computer science major from the University of Michigan who took part in an REU. “You begin to wonder if you're being productive. On the other hand, you are able to decide your own path.”

Joy Nicholas '19, a health, behavior, and society major from Washington, D.C., got a comprehensive research experience, thanks to mentors Ann Dozier, a professor and chair of public health sciences at the Medical Center, and Holly Widanka, a senior health project coordinator in the department. To help answer the question of whether race and ethnicity is associated with suboptimal infant feeding practices, Nicholas did everything from stuffing survey envelopes to analyzing collected data.

Her findings? “Hearing about research and actually doing it is completely different,” she says. “You learn so much by being involved in different aspects of it. I really liked it. I can see myself doing this.” 





## ARTS

# Exploring Public Art

As a Take Five Scholar, Madison Carter '18 is taking a close look at how public art—such as murals, sculptures, even performance art—influences social interactions in the city of Rochester. This summer, the English literature and environmental studies double major from Rochester interned with Richard Margolis, a well-known area photographer who documents art, architecture, and landmarks, and then compiles his photos into searchable databases. Carter contributed to the descriptions of each piece of public art, researching the stories associated with their creation, and contacting the artists themselves for their input. She also identified additional works of public art to include in the database.

—Sofia Tokar

**GREETINGS:** Carter, posing before a community mural that adorns the side of Park Avenue restaurant Hogan's Hideaway, researches and documents public art in the city as part of a larger online project directed by photographer Richard Margolis. The searchable public art database is at [Rochesterlandmarks.com](http://Rochesterlandmarks.com).



## ANTHROPOLOGY

# Immersive Research

“To appreciate the meaning of humanity, it’s necessary to take all people into account,” says Daniel Reichman, an associate professor of anthropology. “And we begin to understand different cultures when we immerse ourselves in their respective communities.”

For the past 15 years, the University has offered students the Malawi Immersion Seminar—a three-week research experience in Gowa, a remote village in the southeastern African nation, in which students carry out individual projects, living and working among the community members.

The program is the brainchild of Joe Lanning ’00, ’07 (MA). When Lanning was an undergraduate majoring in anthropology, his professors encouraged him to go abroad. He heeded that advice and, in his junior year, went to Kenya for a four-month experiential learning program that involved homestays in urban and rural areas. That experience inspired him to join the Peace Corps following graduation, where he served two years in Malawi.

**“TEACHERS ALL AROUND”:** Students in the Malawi Immersion Seminar get a taste of anthropological field research—in which instruction, both formal and informal, comes from locals.

“The Malawi Immersion Seminar is a marriage of my experiences in Kenya, U of R’s anthropology department, and the Peace Corps,” says Lanning, who completed his

PhD in anthropology at the University of Georgia. “And it fulfills the Corps’ principle of bringing the culture of your host country back to the states.”

It also serves Rochester’s educational mission, which emphasizes both global outreach and hands-on research.

“The students are there to be trained in anthropological research methods and to learn about a different culture,” says Lanning, who has traveled with the students to Gowa every year since the program’s inception. There are formal instructors, such as Geoffrey Mlongoti, a self-trained engineer and native Malawian, who assists with community mapping, coordinates homestays and other logistics, and helps students with their research. But, as Lanning adds, “Their teachers are the Malawians all around them.”



One participant this summer, Rachel Ellison ’18 researched breastfeeding practices in Gowa and the cultural influences on those practices.

Megan Runkle ’18, a Take Five Scholar, studied food—specifically the varying ways people in Malawi think about food, as compared to the ways people do in the United States.

“I haven’t traveled outside the country very much,” Runkle said prior to her summer research experience. But “learning about things from a different perspective,” she anticipated, “will be helpful on any career path I choose.”

Lanning concurs. “The lessons from the immersion program can be applied in their schools, neighborhoods, and travels,” he says. “Learning about different cultures has value, whether it involves someone across the street or halfway around the world.”

—Peter Iglinski

Read more about the participants in last summer’s Malawi Immersion Seminar on the 2017 Malawi Immersion Seminar blog at <https://malawiimmersion2017.wordpress.com>.



## One Question Led to Another

Growing up as a young black man in the Bronx, Winston Scott '19 says he didn't think a lot about racism. But there was one instance he recalls that mystified him at the time it occurred and stayed with him long after.

He was riding on a bus when a woman boarded, approached the empty seat next to him, hesitated, and chose another seat.

Scott didn't realize the potential significance of that encounter until a class in African-American studies at Rochester opened his eyes to dimensions of racism in the United States that have famously played out on buses, as well as in other public spaces.

### NOTICING RACE:

**Scott (right, center) asks what happens when black children discover racism—and learns, with help from Guiffrida and Tetenov, how to design a study “from the ground up.”**

His experience generated some questions. What happens when African-American children start to perceive racism directed toward them? How do the children react? And more specifically, why does racism play a part in motivating some students to go on to college, while it seems to deter others?

Scott, a double major in African-American studies and anthropology, started taking a closer look this summer through a research project he designed under the supervision of Doug Guiffrida, an associate professor of counseling and human development at the Warner School.

Scott's research is not part of an ongoing faculty project. Rather, Guiffrida says, he's helping the research newcomer “develop his project from the ground up.”

He started by teaching Scott to review the existing literature in the field to identify how his study could make a fresh contribution. He also arranged for Scott to work with PhD student Serina Tetenov on transcribing and coding an interview she conducted for her dissertation on nonverbal communication in clinical observation.

“It was rough in the beginning to take an hour-long recording and actually type everything verbatim,” Scott says. But the most illuminating part of the exercise, he adds, was going back over the transcript and



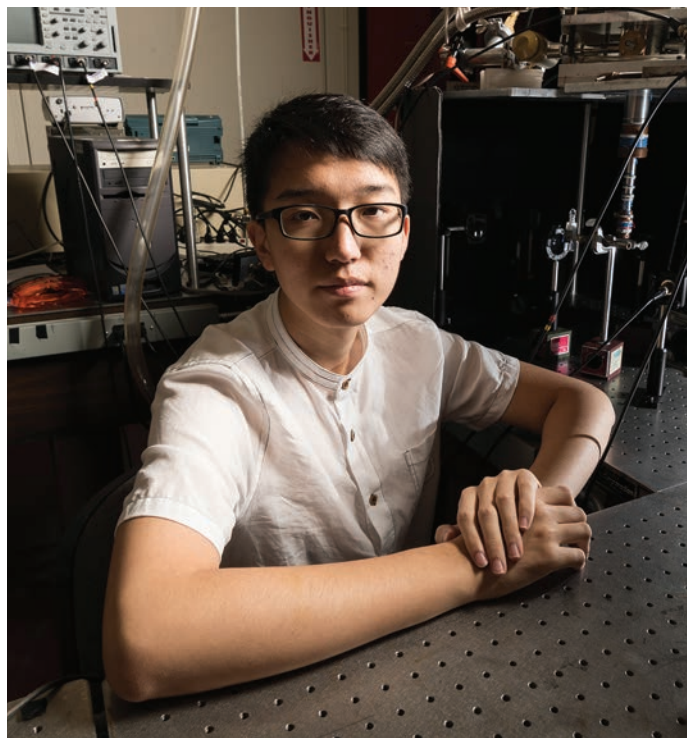
coding the parts that “basically correlate to what you are looking for, figuring out what does or does not make sense for the study.”

While many scholars have explored the relationship between racial identities and educational outcomes, Scott is contributing his own qualitative research to the overall body of work. “It will include the students' perspectives,” Guiffrida says, “not just from a survey, but from interviews with college freshmen and sophomores about their experiences when they first realized there was racism directed at them.”

Scott ended the summer with a formal proposal for the project.

Says Guiffrida: “I think it's going to be an interesting study.”

—Bob Marcotte



### TRANSLATIONAL RESEARCH

## Glass Act

Tianhao Yu '19, a chemical engineering major from Fushun, China, spent the summer in the lab of chemistry professor Lewis Rothberg studying and testing materials for OLED—organic light-emitting diode—displays.

Rothberg and Yu's efforts expand on the work of Ching Tang, professor emeritus of chemical engineering, who created the first efficient OLEDs in 1987 while at the Eastman Kodak Company. OLED screen displays provide a crisper picture than most LCD (liquid crystal display) screens, and the research may help improve the screen displays of devices such as cell phones and televisions.

The proprietary OLED materials Yu tested were developed by the Rochester-based company Molecular Glasses. The company is developing materials to address two current technology challenges: making OLEDs that emit blue light more efficiently and increasing the lifetime of the devices that use blue emitters.

“It's tough to make a blue OLED that lasts a long time while retaining the efficiency,” Rothberg says.

But Yu is up for the challenge. “Physical chemistry has a lot of industry applications. It's exciting to be able to work in a lab, especially as an undergrad, and know what ‘real’ chemists do, and also be on the cutting edge of these new technologies.”

—Lindsey Valich

**A SHARPER DISPLAY:** Yu (left) assists professor of chemistry Rothberg on research to help a Rochester-based company improve its OLED display technology.



**MUSIC, DATA SCIENCE & ENGINEERING**

## What We Learn When a Machine ‘Listens’ to Miles Davis

Neither Jake Altabef nor Graham Palmer is a student at the University. Altabef is a junior in computer systems engineering at Rensselaer Polytechnic Institute, and Palmer is a senior in computer science at the University of Michigan.

But both students spent the summer on the River Campus as participants in a National Science Foundation-funded Research Experience for Undergraduates, or REU, program called Computational Methods for Understanding Music, Media, and Minds.

**AUDIO-FILES:** Visiting students Altabef (above, left) and Palmer (center) assess recordings of a Miles Davis classic with Eastman musicologist Mueller (standing) and Hajim School audio engineer Roessner.

For eight weeks, they studied a recording that was first released nearly four decades before they were born.

“So What,” the first track on Miles Davis’s album *Kind of Blue* (which many critics consider the greatest jazz album of all time) was first released

on vinyl in 1959. Since then, it’s been re-mastered in multiple formats, including on cassette in 1987 and compact disc that same year, and in 1997, 2009, and 2013. And that’s what Altabef and Palmer were focused on.

How has the sound quality of “So What” changed over the

course of all those re-masters? Is the song “brighter” in some formats than others? Is there less background “noise” on disc than on vinyl?

Altabef and Palmer were able to capitalize on some of the University’s core strengths—in music and data science research as well as in multidisciplinary research opportunities for undergraduates.

They worked alongside two mentors from different, but related, disciplines: Darren Mueller, an assistant professor of musicology at the Eastman School of Music and an expert on cultural aspects of music, and Steven Roessner, a Grammy Award-winning lecturer in audio and music engineering, as well as an expert in recording techniques and analyzing sound quality. To answer their core research questions, they relied on data. Data gleaned using cutting-edge computational tools can reveal aspects to music that our ears can’t. “Data is a type of computer-generated listening that may or may not be the same as our own listening,” Mueller says.

Altabef and Palmer say they were grateful to spend time with a track that resonates across generations.

“I enjoy it,” Palmer says. “It has its own feel—kind of laid-back, but at the same time, virtuosic.”

“I have never truly listened to jazz, so getting into it is actually really cool,” says Altabef. “It’s very different from popular music. Elegant.”

—Bob Marcotte



## RESIDENTIAL LIFE

# One Community

Eunice Noel spent her days in Goergen Hall, researching corneal cross-linking, and her evenings in Gilbert Hall, cooking dishes like teriyaki chicken and Cajun alfredo pasta—and making friends.

Noel, a Miami native and senior at the University of Florida, says her experience in Gilbert Hall made it easier to expand her network beyond her lab partners. “You may work with just a few students in the same lab, so having the opportunity to see people in the dorm hallways, kitchen, and even the bathroom while brushing your teeth is a great way to get a conversation in.”

**READY TO ROC: Noel, a University of Florida senior, shows her Rochester spirit at the Kearns Center Field Day, one of several events to foster community among summer researchers.**

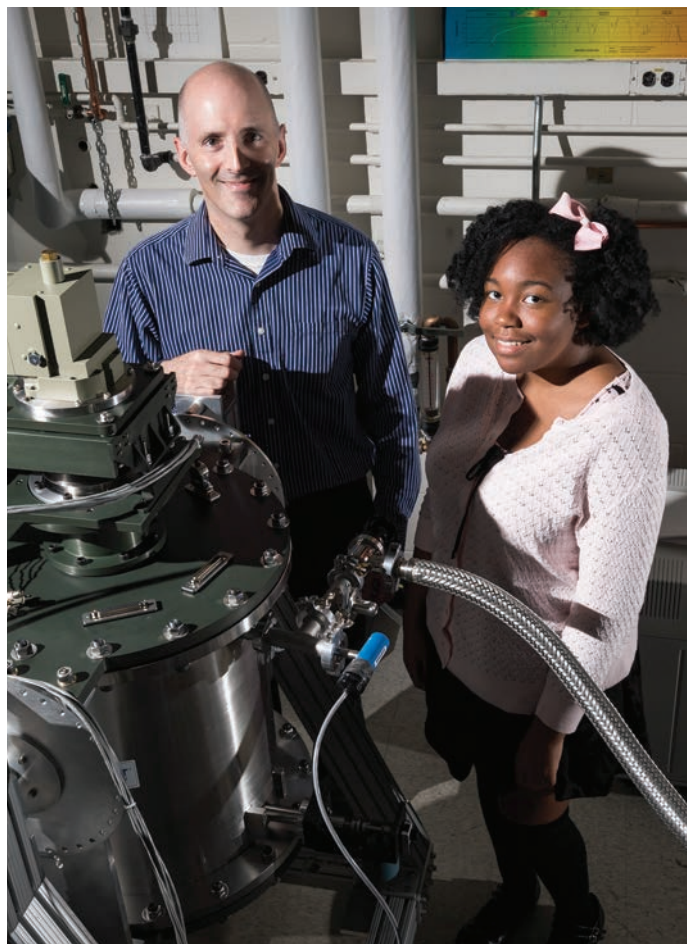
Noel was one of 61 undergraduate students from 14 universities conducting research as part of summer programs run by the David T. Kearns Center for Leadership and Diversity. The Kearns Center’s overall mission is to expand the pipeline of students from low-income,

first-generation, and underrepresented minority backgrounds who pursue college and graduate degrees. Its summer programs are designed to attract more such students to careers in research. Developing a sense of community that fosters tight friendships and builds networks—especially among first-generation and underrepresented minority researchers—is an important part of succeeding at that goal.

All 61 students lived in Gilbert and were randomly paired with their roommates. Assigned, Harry Potter-style, to “houses,” they competed against each other in community-building events.



Noel’s roommate was Penelope Subervi ’19, a Rochester biomedical engineering major from New York City. Subervi likened the pairing as “a flashback, like freshman year all over again,” adding that “Eunice and I get along great and hang out a lot.”  
—Jim Mandelaro



## PHYSICS & ASTRONOMY

# Lights, Camera, Asteroid!

In 2021, when NASA launches an infrared space telescope known as NEOCam (short for Near-Earth Object Camera), they will use an infrared light sensor developed by Rochester researchers.

The sensor is designed to survey space for near-Earth objects, track them, find out what their orbits are, and determine whether or not any of them are going to hit Earth.

This summer, Diarra Bell ’20 worked with Craig McMurtry, a senior research engineer in the Department of Physics and Astronomy, on a project to help improve the sensor’s performance.

Whether it’s the camera in a smartphone or the sensors for NEOCam, all digital imaging devices produce images composed of pixels. In order to transform the pixels into an image, cameras contain a lens that focuses the light and directs it to a sensor. The sensor breaks down the image created by the light into pixels. However, during that process, the pixels cause blurring in the image.

Bell studied the magnitude of that blur, known collectively as noise-pixels, in a device similar to one that will go on NEOCam. Her work contributes to the development of a computer program to measure the clarity of the images produced by the sensor.

Bell, who is from Brighton, just outside Rochester, participated in Rochester’s Pre-College Experience in Physics (PREP) program while in high school and is planning to major in either astrophysics or computer science.

“I am very interested in infrared technology, so this is a great opportunity for me to actually work on research that is both computer science- and physics-related,” she says.  
—Lindsey Valich

**A BETTER SENSOR: Bell, working with McMurtry, helps improve an infrared sensor that will be part of NASA’s Near-Earth Object Camera (NEOCam), to be launched in 2021.**



**MOVING EXPERIENCES:** Hannah Rubin '21E (above, left), a student from Bedford, Massachusetts, who's enrolled at both the Eastman School of Music and the College, arrives at Eastman's Student Living Center, where she gets help with her move from Sophie Volpe '20E; Emily Garrett '21 (below, left), from Phoenix, gets assistance from D'Lion Genesis Galindo '20 for her move.

#### PHOTO ESSAY

# Fall Looks

The first days of the fall semester are filled with events, activities, and ceremonies to welcome new and returning students as they begin a new year on campus.





**GREAT GREETINGS:** First-year students like Nathalie Leon '21, from Haworth, New Jersey, and their families were met by Rocky, a cappella groups, and other campus greeters as they prepared to move into residence halls.



**FIRST PLACE:** Sarina Regehr '21 (above, left), from Waban, Massachusetts, Annabelle Zhou '21, from Davis, California, and Isabel Lieberman '21, from Acton, Massachusetts, work to arrange Regehr's room in the new Genesee Hall.



**INTERNATIONAL IMAGES:** Jing Shi '21 (left), from Ningbo, China, poses for her student ID photo, one of the tasks international students completed when they arrived on campus.



**MOMENT FOR MEDICINE:** David Lambert, associate professor of medicine and senior associate dean for medical student education, takes a selfie as first-year medical students assemble after the Dr. Robert L. & Lillian H. Brent White Coat Ceremony.

**SCHOOL SERVICE:** Johvanny Rodriguez (left), from Jersey City, New Jersey, and Hao Chen, from Taiyuan, China, help weed the grounds at Rochester's School No. 17, one of more than 90 organizations at which first-year students volunteered during the annual Wilson Day of community service.





**LIGHT MOMENTS:** First-year students take part in the Candlelight Ceremony at the end of their first full day on campus, one of several annual events that mark the transition to life as a Rochester student.



**CAMPUS WELCOME:** The Yellowjacket Pep Band entertains students and parents as they gather on the Eastman Quadrangle for the annual convocation ceremony, where students are officially welcomed to campus.



**GATHERING INFORMATION:** After moving in, students and their families visit an informational expo in the Feldman Ballroom in the Frederick Douglass Building, where University service and academic organizations provide information about their work to support students on campus.



**MOVING PEOPLE:** “Whether it’s from a distant state to a more present one, from contemplative sadness to inexplicable joy, or even from joy to sadness,” says Morrison (right, with colleague Lindsay Metzger), “I want people to be moved from one place to another and to know that experience was profound.”



# A Soprano's Lyric (and Lyrical) Debut

Whitney Morrison '15E (MM) takes the stage in Lyric Opera of Chicago's *Rigoletto*.

By Robin L. Flanigan

Soprano **Whitney Morrison** '15E (MM) makes her debut this fall at one of the most prominent houses in opera. Morrison will take the stage as Countess Ceprano in Lyric Opera of Chicago's production of Verdi's *Rigoletto*.

Morrison was assigned the role by wowing audiences at the final auditions of Lyric's Patrick G. and Shirley W. Ryan Opera Center, a leading training ground for rising stars in opera, where she has been a student since 2015.

"This is a truly fortunate position to be in," she says.

The production, which launches in October, is one of several operas in which Morrison has been cast since being selected for the audience-development program at the final auditions last fall, where she also received the Audience Favorite Award.

After *Rigoletto*, she will take the stage this fall as Gerhilde in Lyric's production of Wagner's *Die Walkure*. She's also slated to be an understudy for Liu in Puccini's *Turandot* and Marguerite in Gounod's *Faust*.

Considered one of Verdi's masterpieces, *Rigoletto* revolves around licentious machinations in the court of the Duke of Mantua. As Countess Ceprano, Morrison plays a key figure in the drama. She describes the role as concise and uncomplicated, but she says one of the challenges is managing the mayhem around her during festive ball and court scenes.

As a high school student, Morrison saw a production of *Carmen* in the same Lyric auditorium, a memory that has added to her excitement about appearing on the opera house's noted stage. That excitement has been tempered a bit by the realization of the work that goes into such productions.

"I'm more sober-minded than I expected to be at this stage in the game," she says. "This is a premier program at a top-level house, a great opportunity, and now that I'm here, I simply approach each task as another day's work. At this point I'm focusing my energy into being as prepared as possible."

Morrison received a bachelor's degree in vocal performance and pedagogy at Oakwood University in Alabama before earning a master's degree in performance and literature from the Eastman School of Music.



**AUDIENCE ADMIRATION:** Morrison won the Audience Favorite Award at the final auditions last fall as part of Lyric Opera of Chicago's program for rising opera singers.

Her theory training at Eastman helped give her the tools to digest new musical scores quickly, something she had to do for a production of Mozart's *Don Giovanni*.

"The boost in musicianship—that additional emphasis on form, being able to break down music into smaller parts, being able to overlook the long journey of where

**"This is a premier program at a top-level house, a great opportunity, and now that I'm here . . . I'm focusing my energy into being as prepared as possible."**

**—Whitney Morrison  
'15E (MM)**

it's going—has been very helpful," she says.

She continues with voice lessons and language classes, studying in part with the voice teacher she has had since late 2015, Julia Faulkner, director of vocal studies at the Ryan Opera Center. Also playing a role with the program is world-renowned soprano Renée Fleming '83E (MM), who serves as an advisor to the center.

Steven Daigle, artistic director of Eastman Opera Theatre, remembers Morrison as a passionate and studious singer. "I'm not surprised she is succeeding," he says.

Kathryn Cowdrick, a professor of voice at Eastman, recalls Morrison as having "a large, beautiful, warm voice, and very often this type of instrument takes more time to mature, to get control of technically and to come in to its bloom, sort of like a fine wine. She worked diligently to refine her foreign languages and was very dedicated to her faith and the music of African-American composers, which she generously shared in her recital work here."

Morrison, who grew up singing gospel music in church, has crafted a philosophy around her singing influenced by that faith.

"It is the idea that all of life is connected. Who you are, what you think, how you treat people, and how you move through the world influences what you do at a given moment," she says, "so that when you come to a performance moment, it will be full, honest, and genuine." No matter the role, she wants her listeners to be transported.

"Whether it's from a distant state to a more present one, from contemplative sadness to inexplicable joy, or even from joy to sadness," she says, "I want people to be moved from one place to another and to know that experience was profound." **R**

*Robin L. Flanigan is a Rochester-based freelance writer.*




## HOW TO

# What Goes into a Commencement Address?

**David Nash** '81M (MD), the founding dean of Thomas Jefferson University's Jefferson College of Population Health in Philadelphia, was asked to give the commencement address last spring at Salus University. The Philadelphia-based school specializes in degree programs for health care professions.


A board-certified internist, Nash is internationally recognized for his work in public accountability for outcomes, physician leadership development, and quality of care improvement.

### The Reaction


 It was a real honor to be asked to give a commencement address outside Jefferson, and at first, I was elated. Then I put down the invitation letter and thought, "Oh my gosh, what am I going to do here?" I give about 50

speeches a year around the country, but it's much, much harder to write a great 12-minute talk than to give an hour-long presentation in front of 10,000 people at a business conference.

### The Warning


 The president of Salus said, "Please, please keep it to 12 minutes." He must've said that to me five times. He's a Navy guy and was like, "I am not kidding." So I internalized that message. My speech was 11 minutes.

### The Preparation

 I'm super organized, so I started thinking about what I was going to say six or seven months ahead of time. My Sunday afternoons are largely spent working, so this became part of my workflow.

It was also a lot of looking into the mirror and doing my thing. My wife is used to it, so it didn't cause any domestic disturbance. She would say, "There you go again."

### The Advice

 I had a Wharton School professor in the summer of 1984 who said to me, "If you're ever in a jam with a speech, here's a bulletproof recipe: point with pride, view with alarm, and end with hope."

And that's exactly what I did because you know the soufflé is going to rise every time.

For "point with pride," I congratulated the graduates, spouses, parents, and children, described what I thought Salus meant to the health care system, and said I was proud of them for joining us in the healing professions.

## In the News

For “view with alarm,” I described what I see as the challenges the nation faces; for example, medical mistakes are the third leading cause of death in the United States.

“End with hope” was relatively straightforward. I told the graduates they were coming into the field at an amazing time, a time when we have procedures that seemed like science fiction a few years ago.

I wanted very much to give them hope for the future.

### The High Point



I assiduously tried to avoid any political criticism because I wanted the audience to focus on the message, not to be exposed to unnecessary controversy where none existed. But I did bring up that the current political situation is a war on poor people, and that got loud applause. And when you are standing up there, getting applause in the middle of the speech is a good thing.

### The Background



I tried to pass along what Rochester taught me, which is to always examine the evidence and to question the status quo—powerful lessons for sure.

I didn't talk about almost flunking out of anatomy. I'd been an economics major at Vassar College and wasn't really prepared for all the silly memorization. I got what was called a “blue note” at the time, sort of a warning that I was in academic purgatory.

### The Surprise



I had a little issue at the end. I started to tear up a bit, thinking about the future and thinking about my kids, so that was really hard. I had to use every trick in my public speaking book.

### The Last Word



I told the graduates to be true to what they care about, and all the other good things will follow. It's corny but totally true. I said to put the patient at the center of everything they do. It's so easy to say and so incredibly hard to do.

That's true for Rochester, true for Jefferson, and true for Salus. There will be days when they don't like every patient they're seeing, and there will be days when a patient will take their breath away.

I gave them three decades' worth of reflection. I'm sure they were rolling their eyes, but I think they appreciated it. 📍

—AS TOLD TO ROBIN L. FLANIGAN



ENCORE: Forster stars in the 18-episode return of a 1990s television classic.

## A New Sheriff for Twin Peaks

When the 1990s television drama series *Twin Peaks* returned on the air this summer for a limited series, fans discovered a new sheriff in the fictional town. Sheriff Harry S. Truman had fallen ill, and his brother, Frank—portrayed by **Robert Forster** '64—stepped in to fill his shoes.

According to the documentary *Secrets from Another Place: Creating Twin Peaks*, Forster was originally the first choice to play Harry, but turned the role down because of a prior commitment. The role went instead to Michael Ontkean, who has since retired from acting.

Forster, who has been appearing in films since the late 1960s, has been especially busy since his Oscar nomination for Best Supporting Actor for his role in the 1997 Quentin Tarantino film *Jackie Brown*. In recent years, he has appeared in episodes of such television series as *Breaking Bad*, *Last Man Standing*, and *Desperate Housewives*, and films *Me, Myself & Irene*, *Mulholland Drive*, and *London Has Fallen*.

Born and raised in Rochester, Forster appeared in a College production of *Bye-Bye Birdie* in 1962.

## Food Banker with a Business Sense

**Natasha Ribeiro Thompson** '96, '09S (MBA), president and CEO of the Food Bank of the Southern Tier, accepted the 2017 Food Bank of the Year award on behalf of the organization in June. The award is given by the Feeding America Network, a national umbrella organization of food banks and pantries. The network cited the Elmira, New York,

organization—which serves about 16,000 people across six counties—for the success of its mobile food pantry program and its research to increase the capacity of its 165 member pantries and meal sites.

Thompson served previously as the food bank president and CEO of the Catholic Charities of the Diocese of Rochester.

## Film Follows the First Class in a ‘Billionaire’s Bet’

**Jintian (Jay) Li** '12 appeared in the documentary *A Billionaire's Bet: The Best & Brightest*, which aired on CNBC in June. The film followed the first class of Schwarzman Scholars, participants in an international fellowship program established by Stephen Schwarzman, chairman and CEO of the Blackstone Group, “to prepare the next generation of global

leaders.” The scholarship entailed a one-year master's degree at Schwarzman College at Tsinghua University in Beijing, starting in 2016.

Li is among the 20 percent of the scholars who are from China. After graduating from Rochester, Li worked to help raise the National Basketball Association's international presence.

**YELLOWJACKET MILESTONES**

# A Timeline: Rochester's Individual National Champions

When Kylee Bartlett '19 won two national titles earlier this year—the indoor pentathlon championship in March and the outdoor heptathlon championship in May—the rising junior from Williamstown, New York, joined not only an elite group of women athletes in the country, but she also joined the history of Rochester's individual national title holders.

Bartlett was the second Rochester athlete to win a national title in the heptathlon and the third in the history of Rochester athletics to win multiple individual national titles.

Here's a look at the company she keeps.



**David Moller '75**  
Ellicott City, Maryland  
Moller won the three-mile title at the 1974 outdoor meet and the 1974 three-mile run in cross country.



**Anthony Palumbo '74, '84 (PhD)**  
Rochester  
Also at the 1974 outdoor meet, Palumbo won the triple jump title.



**Bob Swartout '83, '92S (MBA)**  
Rochester

Paired for doubles for the first time at the start of the season, Swartout and Gaeta won the 1983 doubles championship in tennis.

**Alex Gaeta '83, '91 (PhD)**  
New York City

**Renee Schmitt Somerville '87**

Winston-Salem, North Carolina  
In addition to winning the 1985 heptathlon title, Schmitt Somerville helped lead the volleyball team to its first NCAA playoff appearance.



1974

1983

1985

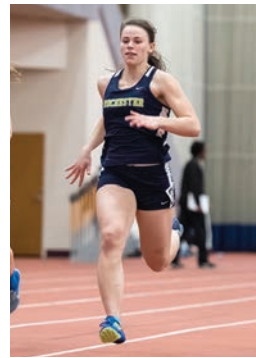
2017

2006

1988/  
1989

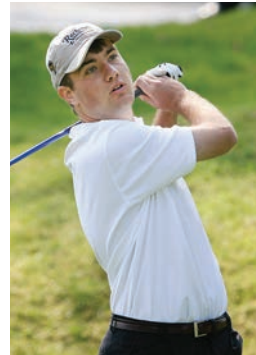
1987

1986



**Kylee Bartlett '19**

Williamstown, New York  
Becoming only the third woman in NCAA Division III history to win two multi-event titles in the same academic year, Bartlett won the indoor pentathlon and the outdoor heptathlon in 2017.



**Stephen Goodridge '08, '09 (MS)**

Winston-Salem, North Carolina  
Dividing the last day of competition so that he could also take his optics final, Goodridge won the 2006 individual golf championship.



**Josefa Benzoni '88, '92W (MA)**

Rochester  
Benzoni won three national championships in track and field, winning the indoor 1,500 meters in 1988 and 1989, as well as the 3,000 meters in 1989.



**Tom Tuori '87**

Rochester  
Tuori won the 1,500-meter race in 1987 after finishing second as a sophomore and junior.



**Michelle Mazurik Maybaum '86**

Carlsbad, California  
Mazurik Maybaum won the 55-meter dash title in 1986, one year after finishing third.

# Class Notes



**GETTING ORIENTED:** From Frosh Camp to Orientation, the tradition of introducing students to campus and to one another has continued. For students who arrived in the fall of 1985, the activities included whatever this is. Recognize anyone? Write to us at [rochrev@rochester.edu](mailto:rochrev@rochester.edu).



1957 Mumford

## College

### ARTS, SCIENCES & ENGINEERING

**1957 Bob Mumford** sends a photo of himself wearing the traditional Bhutanese robe called a “gho” and a description of the trip he took last spring with his fiancée, Christine Smith, to the Himalayan country of Bhutan to photograph its mountain scenery and wildlife. They drove from India with their Bhutanese guide, entering Bhutan at Samdrup Jongkhar, and traveled the country’s sole east-west highway all the way west to Paro, which has the only international airport. Bob writes: “Highlights included visiting the magnificent Punakha ‘Dzong’ (built in 1637); photographing one of the most beautiful birds in the world, the Himalayan monal at the Tharpaling Monastery; and watching elaborately dressed dancers at the spring festival in Paro. We also ate a picnic breakfast above the clouds at 12,500 feet elevation. While I was disappointed by the lack of snakes, Christine was delighted.”

**1960 Eugene Nicandri**, a retired

St. Lawrence County judge and a trustee of the New York Power Authority, was honored by NYPA as the namesake of its new Eugene L. Nicandri Nature Center at Robert Moses State Park in Massena. The \$12 million, 9,500-square-foot facility will provide science and nature education in indoor and outdoor settings for the public. Eugene is vice chair of the NYPA’s board of trustees and a long-time Massena community leader who championed the effort to build the new center, which was constructed with green-building design features to achieve a Leadership in Energy and Environmental Design (LEED) Silver certification.

**1961 Joyce Wolfe Hoffer** (see ‘63 Medicine and Dentistry).

**1962 Karl Roth**, a professor and former chair of the pediatrics department at Creighton University School of Medicine in Omaha, Nebraska, coedited the second edition of the book *Pediatric Endocrinology and Inborn Errors of Metabolism* (McGraw-Hill), first published in 2009.

**1963 Karen Dahl** sends a photograph and a challenge: “A group of women from the class of ‘63 has met at my summer home on Cape Cod for a weekend ‘reunion’ each June for the past 14 years. I am attaching a photo of a part of this year’s group. Not everyone was there when this photo was taken. Pictured are **Jeanne Torre, Janet Baker Jennison, Karen Lieber Dahl, Carol Munch, Judy McElroy Darweesh, Anne Stillman Brown, Carolyn Curtis Gelderman, Barbaralee Bank Milon, Barbara Murabito Crellin, Cindy Parsons Brown, Helen Calhoun Jaeger, and Lynne**

### Abbreviations

- E** Eastman School of Music
- M** School of Medicine and Dentistry
- N** School of Nursing
- S** Simon Business School
- W** Warner School of Education
- Mas** Master’s degree
- RC** River Campus
- Res** Medical Center residency
- Flw** Postdoctoral fellowship
- Pdc** Postdoctoral certificate

**Trimby Kroner.** Also part of the festivities, but not in the photo, were **Eileen Cahill Cowley, Kathleen Rafferty Dunn, and Susan Everett Makowski.** The fact that the names of the people in the photo are not in any particular order is for the entertainment of our classmates. Who can match the pictures with the names?"

**1964 Thomas (Mike) McFarland** has published a historical novel, *Donnybrook* (Bootstrap Publishing). Set during the Civil War, it tells the story of the New York City Police Department and the Draft Riots of 1863 from the vantage point of Patrick Kavanaugh, an Irish immigrant and member of the police force. Mike is the former president of the Rochester Civil War Roundtable and lives with his wife, Nicki, in Albion, New York.

**1966 Richard Saddle mire '68W (MA)** has written a novel, *Fracking Dinosaurs: The Cayuga Lake Disaster* (Freisen Press), under the pseudonym Dalton Mire.

**1967 Jeanne Tapp Ozols '70W (MA)** hosted a minireunion at her home in New Hope, Pennsylvania, for her Wilder 610 suitemates. Jeanne writes that they have seen each other over the years, but this reunion was a special celebration including "lots of laughter, pool time, remembrances, and late-night euchre on the porch." They hope to reunite on campus for their class reunion in October. Pictured from left to right are Jeanne, **Alice Hammond Doyle, Linda Lindquist Hewitt, and Susie Quick Rice.**

**1968 Ed Wetschler,** Caribbean editor of *Recommend* magazine, won the Caribbean Tourism Organization's Inner Circle Media Award for his December feature, "Trending Now in the Caribbean." He writes that most of his forecasts "are proving true, but the outlook for Cuba could get . . . interesting."

**1970 Nancy Heller Cohen '70N** writes that her third title, *Murder by Manicure*, in her Bad Hair Day Mystery series (Orange Grove Press), is now available as an audiobook.

**1972 Carl Schwait** was awarded the Florida Bar's G. Kirk Haas Humanitarian Award. He recently stepped down from the Florida Bar's board of governors, where he represented the lawyers and judges of

north central Florida for 12 years. Carl remains on the faculty of the University of Florida Levin College of Law in Gainesville, where he teaches trial practice and mediation advocacy. He also continues to work as a mediator in civil cases throughout Florida. Carl and his wife, Anna, have two daughters and three grandchildren.

**1976 Donna Matles Markell,** retired from teaching public school French and Spanish for 37 years, is a certified yoga teacher and Yoga Calm youth instructor and teacher trainer. She sends a photo of herself doing a yoga practice with Tao Porchon Lynch, whom Donna calls "a phenomenal teacher and practitioner who had the distinction of turning 99" in June.

**1979 Christopher Gribbin** was installed as the 225th president of the Medical Society of New Jersey—founded in 1766—at its annual meeting in May. He has been an active member of the society for more than 20 years and served on its board of trustees beginning in 2010. Christopher practices diagnostic and interventional radiology at Robert Wood Johnson University Hospital and Saint Peter's University Hospital, where he has taught medical students, residents, and fellows for more than 25 years. He also serves as a clinical associate professor of radiology at Rutgers Robert Wood Johnson Medical School.

**1980 Jane Bernzweig** shares a photo she captions "Yellowjackets kickbox, but not in the Albany you think," of herself with **Ed Luby '82** after a kickboxing class in Albany, California. She writes, "We are friends, living in the same community, having raised families. We just realized we both went to the U of R." . . . **Michael Blaire** was named a fellow of the International Academy of Compounding Pharmacists. He is the CEO and founder of Diamondback Drugs in Scottsdale, Arizona, which specializes in veterinary compounding.

**1982 Laura Gasparrini** has published her fourth book, *Earth & Elegance: A Bohemian's Guide to Creating Artisan Leather Jewelry, Volume 2* (Om Tara). Laura is founder and designer at Om Tara, and the inventor of the patented Om Tara Crimping Pliers. . . . **Ed Luby** (see '80).



1963 Dahl



1967 Ozols



1976 Markell



1980 Bernzweig

**1983 Hope Shapiro Lilian** sends a photo of herself (far right) with her suite mates, **Lori Tannenbaum Solano, Jennifer Pekale Schulman, and Jill Segal Toporek** (see photo, page 54). Hope writes: "We have remained close friends since freshman year and recently enjoyed an evening together at the Pierre Hotel [in New York] at an alumni gathering."

**1984 Nancy Peckham Niemi '01W (PhD),** director of faculty teaching initiatives at Yale University's Center

for Teaching and Learning, has published a book, *Degrees of Difference: Women, Men, and the Value of Higher Education* (Routledge).

**1986 Paul Hillman** sends a photo and news of his promotion in May to colonel in the US Air Force Reserve, Judge Advocate General's Corps (see photo, page 54).

**1987 Sam Guerrieri** has joined Canandaigua National Bank & Trust (CNB) as executive vice president. He has worked in the financial indus-

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KUDOS & COMMENDATIONS

# Eastman Honors University Advisor, Leader

The Eastman School of Music presented a dean's medal to George Hamlin IV, the chair of the school's board of managers and a longtime supporter of the school and its programs as well as other units of the University.

The chairman, trust officer, and senior policy advisor at Canandaigua National Bank & Trust Co. and Canandaigua National Corporation, Hamlin has been involved with Eastman for more than two decades. In addition to serving on the Eastman National Council, he is a member of the boards of the Medical Center and UR Medicine's Home Care.

A leading member of the business community in the Finger Lakes, Hamlin serves as chairman emeritus at Keuka College, chairman emeritus at Thompson Health System, director of the New York State Wine and Culinary Center, director of Constellation Brands-Marvin Sands Performing

Arts Center, and president of the Canandaigua Area Development Corporation.

A graduate of Yale University, Hamlin earned a law degree at the University of Virginia. While at Yale, he was a member of the Whiffenpoofs, the university's well-known a cappella group.

He and his wife, Mary, have three children: Sherrod, Frank, and Alex '00E. As part of their commitment to Eastman, the couple created the position of Hamlin Family Director of the Institute for Music Leadership and created the Hamlin Family Scholarship, programs that are designed to help ensure that students, regardless of their financial means, are prepared to join the ever-changing musical landscape as innovators and entrepreneurs. The couple also are members of the George Eastman Circle, the University's leadership annual giving society.



**DEAN'S MEDALIST:** Hamlin is a longtime supporter of the University and its programs.



**1983 Lilian**

try for more than 25 years, holding several executive positions, most recently as president and CEO of M&T Securities.

**1989 Anne Merton '89N, Dawn Tudryn Piciacchio, Laura Hales Soliman, Maryann Leone Maidat, Amy Sinensky Rosenfeld, and Jennifer Traylor Kruschwitz '95 (MS)** reunited to celebrate their 50th birthdays together. The former suitmates of Slater 430 "descended upon New York City for a whirlwind weekend walking the High Line and seeing a Broadway show, with lots of laughter and Rocky in tow," Anne writes.

**1992 Risa Greene Boerner** chairs the data security and workplace privacy group at the law firm Fisher

Phillips, which was named among the top in the nation, according to recent survey results published in the annual report *BTI Law Firms Best at Cybersecurity 2017*. Risa is a partner in the firm's Philadelphia office. . . .

**Philip Nel** has published a book, *Was the Cat in the Hat Black? The Hidden Racism of Children's Literature, and the Need for Diverse Books* (Oxford University Press). He holds the title University Distinguished Professor of English at Kansas State University. . . .

**Michael Wenger** joined the New York City-based law firm Otterbourg as counsel in the firm's banking and finance practice. Before that he was general counsel with Rosenthal & Rosenthal, a privately owned factoring and finance company.

**1995 Joseph Mastrosimone** was



**1989 Merton**

granted tenure and promoted to full professor of law at Washburn University's law school and will serve as the school's associate dean for academic affairs. Joe continues to write in the areas of labor and employment law and the ethics of legal writing. His most recent article, "Benchslaps," was published in the *Utah Law Review*. He lives in Lawrence, Kansas, with his wife, Gina, and their three children, Zachary, 12, Katie, 9, and Ryan, 8.

**1996 Christa Tinari** coauthored a book, *Create a Culture of Kindness in Middle School: 48 Character-Building Lessons to Foster Respect and Prevent Bullying* (Free Spirit). She writes that her passion for education, peace, and justice have informed her work at public and



**1986 Hillman**

private schools and youth-serving organizations for nearly 20 years. She welcomes the opportunity to partner with Rochester alumni who are interested in bringing bullying prevention and social-





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1996 Webb



2004 Johnston



2006 Etlinger



2007 Rawal



2011 Baumgartner and Legg

emotional skills training to their school or workplace. She can be reached on the website [Peacepraxis.com](http://Peacepraxis.com). . . . **Chris Webb** sends a wedding announcement and photo: "I married my partner of six years, Alfredo Justo, in a small ceremony under a painted maple tree at the Arnold Arboretum in Jamaica Plain, Massachusetts, on a beautiful day in July 2016. A larger celebration followed in August on yet another gorgeous day at Allis State Park in Brookfield, Vermont. **Isabel Hernandez-Cata, Steve Markofsky, Brett Dreyer, Jeff Suszczynski, and Manish Saha** attended, and it was a great minireunion! The photo is of us livin' it up in downtown Montpelier, Vermont, the following day."

**2004 Chris '06S (MBA) and Grace Vangeison Johnston '09M (PhD)** welcomed their second daughter in April. Chris writes, "Oliana May is the newest future Yellowjacket!" They live in Newburyport, Massachusetts.

**2005 Erin Bressler** (see '07).

**2006 Daniel Etlinger** and his wife, Tabitha, welcomed their second child, Orion Nachumbear Etlinger—with the initials ONE, Daniel points out. He adds that he and classmate **Christopher Widowski '07** "were victorious over fellow Theta Chi alumni **Alex Geringer** and **Ajay Makhija** in a recent rooftop death-match Pong game."

**2007 Pooja Rawal** sends this update: "I joined the New York State Department of Health's Office of Professional Medical Conduct as an attorney and also got married in February. My matron of honor, **Erin Bressler '05**, was my big sister in my sorority, Gamma Phi Beta. She is directly to the left of me in the photo. My brother, **Sagar Rawal '08**, was the best man." . . . **Christopher Widowski** (see '06).

**2008 Sagar Rawal** (see '07).

**2011 Courtney Legg '12W (MS) and Craig Baumgartner** were married at Lourdes Camp in Skaneateles, New York. Pictured are (bottom, left to right) **Lia Weiner, Dan Chebot '09, Jason Zayac '12, Erin Crossett, and Maggie Stevenson**; and (top row, left to right) **Tyle Stelzig, Donald Polaski, Jonathan Pinto, Matt Metz '13, Andy Byrd, Craig,**

**Courtney, John Christopher Legg '80, Jenna Hoeler '07, Joe Lust '08, Brian Thomson '11, '12 (MS), Pat Hughes '08, Philip Rihm '13, and Marek Slipski."**

**2012 Catherine Marando** writes that she and **Andrew Hagar** were married in June (see photo, page 58). Pictured from left to right are **Patrick Messmer '10, Kaitlin Holden Messmer, Zack Milstone, Nina DeSoi '14N, Andrew, Catherine, Kaitlyn Brady, Jaclyn Ingliis, Chris Schmitt '14 (MS), and Cassandra Gorman.**

**2014 Sarah Skinner** writes that she and **Shawn Burke** got engaged in October 2016 and plan to return to Rochester to get married in October 2018 (see photo, page 58). Sarah and Shawn met in 2012 while working at the Goergen Athletic Center. They live in Urbana, Illinois, with their two dogs and are both pursuing graduate degrees in exercise physiology.

**2015 Renee Smith and Alex Matthers** were married in June at the Lyman Estate in Waltham, Massachusetts (see photo, page 58). Pictured from left to right are **Harry Clarke '15, '17 (MS), Alexander Lambropoulos, Erik Roisland, Benjamin Dengler, Alex, Renee, Caitlin Topkis, Amaya Duncan '14, Emily Michel '17, Natalya Tausanovitch '17, and Brittany Flittner.** Renee and Alex relocated to Durham, North Carolina, just a few weeks after the wedding and report that they "are loving it."

## Graduate

### ARTS, SCIENCES & ENGINEERING

**1995 Jennifer Traylor Kirschwitz (MS)** (see '89 College).

**2014 Jessica Horton (PhD),** an assistant professor of art history at the University of Delaware, has published a book, *Art for an Undivided Earth: The American Indian Movement Generation* (Duke University Press).

**2014 Kristof Zetenyi** has been promoted to the manager level at Analysis Group, a private economic consulting firm. He specializes in industrial organization, applied econometrics, and antitrust economics, and works in the firm's Boston office.



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2012 Hagar and Marando



2014 Burke and Skinner



2015 Matthers and Smith

## Eastman School of Music

**1969** **Max Stern** writes: “My new symphony, *Beyond the Sambatyon*, which was commissioned, premiered, and recorded by the Israel Sinfonietta Beersheba earlier this

year, has been released on CD along with other compositions [including] *Bedouin Impressions*, *Laudations*, and “Shepherd Song.” All these works draw inspiration from the Bible, desert, ethnic-liturgical sources, and Jewish history.”

**1970** **Geary Larrick** (MM)

published a book review in the spring 2017 issue of the *National Association of College Wind and Percussion Instructors Journal*, marking his 50th year of writing articles for the journal. . . . **Art Michaels** writes that his brass quintets “Brassy Capriccio” and “Two Trillion Triplets” were published by Lassus Publications on Musicforbrass.com, and that three of his concert band pieces—“Mockingbirds,” “Horseshoe Curve,” and “Quintapade”—were published by Amano Music.

**1997** **Ann Marie Willer** (MA) has been named director of preservation services at the Northeast Document Conservation Center in Andover, Massachusetts. The center offers conservation treatment, digital imaging, and audio preservation services, as well as preservation training, consultations, and disaster advice to clients. She writes, “I am thankful for the student job I had in the conservation lab of the Sibley Music Library; the skills I learned there formed the foundation for my career in library preservation.”

**2000** **Ken Meyer** (DMA) has published a book, *Diatonic Arpeggios for Classical Guitar* (Mel Bay Publications). Ken has performed around the world and teaches at Syracuse University and Onondaga Community College.

**2005** **Aaron Staebell** '10 (MM) (see '13).

**2009** **Elise Hughey** '11 (MM) (see '13).

**2010** **Christina Custode** '14 (MA) won a “Rossey Award” for Best Singer/Songwriter at the Roswell Film Festival in Roswell, New Mexico, in April. . . . **Aaron Staebell** (MM) (see '13). . . . **Benjamin Thomas** '12 (MM) (see '13).

**2011** **Elise Hughey** (MM) (see '13).

**2012** **Noah Berman** (see '13). . . . **Benjamin Thomas** (MM) (see '13).

**2013** **Dave Chisholm**, a cartoonist as well as a musician and composer, is the subject of the profile “Blending Skill Sets” in the September issue of *Downbeat* magazine. The article comes following the June release of *Instrumental* (Outside-In Music), a multimedia work written, drawn, and composed by Dave, consisting of a 200-plus-page graphic novel and

an accompanying jazz soundtrack. Performing on the soundtrack are Dave on trumpet, synthesizer, and voice, **Noah Berman** '12 on guitar, **Michael Conrad** (MM) on piano, **Aaron Staebell** '05, '10 (MM) on drums, and **Benjamin Thomas** '10, '12 (MM) on bass. Dave also writes that in April he unveiled the self-released *Talking Under Water*—“an album about heartbreak and coming to terms with loss”—with cellist **Elise Hughey** '09, '11 (MM).

**2014** **Christina Custode** (MA) (see '10).

## School of Medicine and Dentistry

**1962** **Geoffrey Sperber** (MS) has coauthored the third edition of *Craniofacial Embryogenetics and Development* (People's Medical Publishing House). He's a professor emeritus in medicine and dentistry at the University of Alberta.

**1963** **Barry Hoffer** (MD), '65 (PhD), '68 (Res) received an honorary doctorate from the University of Helsinki in Finland last May. Barry is retired as the scientific director of the National Institute on Drug Abuse and is now director of research and adjunct professor in the Department of Neurological Surgery at Case Western Reserve University (see photo, page 60).

### Send Your News!

If you have an announcement you'd like to share with your fellow alumni, please send or e-mail your personal and professional news to *Rochester Review*.

E-mail your news and digital photos to rochrev@rochester.edu. Mail news and photos to *Rochester Review*, 22 Wallis Hall, University of Rochester, Box 270044, Rochester, NY 14627-0044.

Please do not edit, crop, or resize your digital images; send the original, full-size file downloaded from your camera or smartphone.

To ensure timely publication of your information, keep in mind the following deadlines:

Issue	Deadline
January 2018	October 1, 2017
March 2018	December 1, 2017
May 2018	February 1, 2018

Pictured are Barry—with the physical symbols of the award, a pleated silk top hat and engraved golden sword—and his wife, **Joyce Wolfe Hoffer '61RC**.

**1966 Charles Sanders** (PhD) has published a book, *Radiobiology and Radiation Hormesis: New Evidence and Its Implications for Medicine and Society* (Springer).

**1981 David Nash** (MD) received an honorary degree from Salus University, founded as the Pennsylvania State College of Optometry in 1919 and specializing in training health care professionals. He also gave the school's 2017 commencement address. David is the founding dean of the Jefferson College of Population Health in Philadelphia (see photo, page 60).

**2009 Grace Vangeison Johnston** (PhD) (see '04 College).

**2012 Rajvinder Bhatia** (D) writes that she and Inder Chopra welcomed a daughter, Nanki Chopra, in May (see photo, page 60).

**2014 Josh Leigh** (MS) writes that he and his wife, Kellie, welcomed a son, Marshall Conrad, last January (see photo, page 60). Josh is a project director in the Medical Center's web services department and Kellie is the assistant dean of student affairs at the Eastman School.

## School of Nursing

**1970 Nancy Heller Cohen** (see '70 College).

**1989 Anne Merton** (see '89 College).

## Simon Business School

**1999 Sanjay Pansari** (MBA) and **Joy LaDue '06W** (MS), '17W (EdD) were married at Asbury First United Methodist Church in Rochester in December 2016 (see photo, page 60).

**2001 Roderick Cyr** has published a novel, *A Town Called Babylon* (CreateSpace), an exploration of social tyranny.

**2003 Alex Sukhoy '03S** (MBA), a career coach and author, has published *Date Your Career: The*



**SAN FRANCISCO:** Among the alumni celebrating in San Francisco were Brian Castro '12, Ivan Akhremitchev '12, Jose Resuleo, Jonathan Shames '12, Mayra Garcia Revuelta '12, Zack Kimball '10, Shaina Epstein '09, Matthew Eisenstein '18, Madeline Hermann '17, and Rachael Hsu '17.



**PHILADELPHIA:** Eastman made an appearance at the Philadelphia event, where he met Jessica Rose '16, a Philadelphia Young Alumni Council member.

## GORGEOUS GEORGE

# Happy Birthday, George!

The Young Alumni Council and the Office of Alumni Relations teamed up this summer to celebrate July 12—the birthday of Rochester's most generous benefactor, George Eastman. In the days before and after Eastman's 163rd birthday, the groups sponsored alumni get-togethers in several cities, including Boston, Buffalo, Chicago, Houston, Long Beach, California, New York City, Omaha, Philadelphia, Rochester, San Francisco, and Washington, D.C.



**NEW YORK CITY:** On hand for the New York City event were Emily Hart '12 (left) and Farrell Cooke '14 (right)—and Rocky.

*Longest Relationship of Your Life* (CreateSpace).

**2006 Chris Johnston** (MBA) (see '04 College).

## Warner School of Education

**1968 Richard Saddlemire** (MA) (see '66 College).

**1970 Jeanne Tapp Ozols** (MA) (see '67 College).

**1972 Mary Werthman White** (MA) has published a collection of poetry, *How the Universe Says Yes to Me* (Main Street Rag Press).

**2001 Nancy Peckham Niemi** (PhD) (see '84 College).

**2006 Joy LaDue** (MS), '17W (EdD) (see '99 Simon).

**2012 Courtney Legg** (MS) (see '11 College).

**2017 Joy LaDue** (EdD) (see '99 Simon).

## In Memoriam

### ALUMNI

- Virginia Berning Ervin** '41N, July 2017
- Rita Weingartner Williams** '41, June 2017
- Janet Morse Dean** '45N, January 2017
- Barbara Greenlar DeRiemer** '45, '46N, May 2017
- Edward D. Fugo** '45, '48M (MD), August 2016
- Phyllis Alwin Sanders** '45E, '46E (MM), June 2017
- Jeanne Treman Shempp** '45, April 2017
- John L. Barg** '46, June 2017
- Richard R. Henty** '46, January 2017
- David J. Kazarian** '46, July 2017
- John W. Krosse** '46, June 2017
- Patricia Robinson Neill** '46, December 2015
- Delois Taylor Blumer** '47, July 2017
- Elizabeth Vria Breiner** '47, June 2017
- Robert C. Schnorr** '47, July 2017
- Robert J. Gill** '48M (MD), July 2017



1981M Nash



1963M Hoffer



2014M Leigh

- Virginia Vandecarr Howard** '48, June 2017
- Walton L. Howes** '48, August 2016
- Julian Alexander** '49M (MD), July 2017
- Calvin K. Brauer** '49, June 2017
- Carl E. Graupman** '49, July 2017
- Alfred S. Ketcham** '49M (MD), July 2017
- James R. McElheny** '49, July 2017
- Angelo G. Nicchitta** '49, October 2016



2012M Bhatia



1999S LaDue and Pansari

- Joseph B. Schmolli** '49E (MM), May 2017
- Judith Spoor Vineberg** '49N, October 2016
- Ann Camelio** '50, March 2016
- Carl W. Garland** '50, July 2017
- Nancy Young Motondo** '50N, July 2017
- Barbara Nash Richer** '50N, March 2017
- Donald L. Smith** '50, '57 (PhD), June 2017
- Robert W. Barnes** '51, April 2017

- Dolly McFadden Kelly** '51N, '55, July 2017
- Frank E. Wood** '51, April 2017
- George M. Angleton** '52M (MS), July 2017
- Donald R. Henderson** '52, June 2017
- Phyllis Raz Horowitz** '53, June 2017
- Donald S. Bennett** '54, July 2017
- Junice Panick** '54N, June 2017
- Joan Mraz Tallis** '54E (MM), June 2017
- Gloria McMaster Juhn** '55E (MM), July 2017
- James E. Kincaid** '55, June 2016
- Donald A. Reed** '55, July 2017
- Jacob Y. Turner** '56, June 2017
- Robert C. Brown** '57, September 2016
- Solon I. Finkelstein** '57, March 2017
- Barbara Flanagan Ingersoll** '57, June 2017
- Ruth Corwin Meyer** '57E (MM), May 2017
- Robert G. Seath** '57E (MM), January 2016
- Geraldine Lombardo Buchanan** '58, July 2017
- Frederick D. Hawke** '58 (MS), June 2017
- Robert C. Monroe** '58, April 2017
- John R. Lanz** '59S (MS), June 2017
- Vincent M. Picciano** '59 (MA), June 2017
- Noah J. Rodeheffer** '59 (MA), December 2015
- Gordon M. Rose** '59, June 2017
- Donald G. Steele** '59, June 2017
- Carol Schmidt Sullivan** '59N, June 2017
- Constance Gerhard Brown** '60, June 2017
- Jack C. Corey** '60, June 2017
- Carl H. Andrus** '61M (MD), '72M (Res), July 2017
- Charles R. Bales** '61M (MD), June 2017
- Paul J. Delmore** '61 (MS), July 2017
- Paul C. Gassenmayer** '61, June 2017
- Robert Gillespie** '61E, June 2017
- David G. Publow** '61, '73M (Res), July 2017

**Robert W. Woodhouse** '61M (Res),  
February 2017

**Alan K. Borthwick** '62,  
July 2017

**Philip R. Nader** '62M (MD),  
April 2017

**Glenda Bolyard Scherf** '62E,  
April 2017

**George W. Scherer** '63 (MS),  
June 2017

**Leslie Moore** '64W (Mas),  
July 2017

**Anne Rapavi Scheurman** '64W  
(Mas), June 2017

**Rose Agresta** '68 (MA),  
June 2017

**Benjamin M. Dawson** '69,  
May 2017

**Roger Weir** '69W (EdD),  
July 2017

**Joseph S. Salipante** '70,  
June 2017

**Sigitas Babusis** '72M (Res),  
October 2015

**Fenwick Smith** '72E,  
July 2017

**John C. Youngers** '72W (EdD),  
July 2017

**Richard H. Lindner** '75S (MBA),  
July 2017

**Michael J. McKenna** '75M (PhD),  
June 2017

**Janet Mlinar** '75N, '78N (MS),  
June 2017

**Carol Moroz** '75,  
June 2017

**D. Judith Laing** '76,  
May 2017

**Joachim A. Ritter** '77,  
June 2017

**Frank E. Matthews** '78,  
July 2017

**Edwin R. Betts** '79,  
June 2017

**James F. Burgess** '79,  
June 2017

**Richard M. Engel** '79M (Res),  
June 2017

**Ann Naab Inzana** '80N,  
July 2017

**James F. Iannone** '81,  
June 2017

**Dana Miller Packman** '85W (EdD),  
June 2017

**Donald E. White** '85 (MS),  
July 2017

**Christine Bentley** '87 (MS),  
July 2017

**Elsie Wiberg** '87,  
July 2017

**Christopher D. Carver** '88,  
July 2017

**Wei Ran Lin** '90E (MM),  
February 2017

**Charles Wagener** '90D,  
June 2017

**Ellen Volpe** '10N (PhD),  
June 2017



**HUMANIST:** Cunningham shared a lifelong interest in the humanities.

#### TRIBUTE

## Joseph Cunningham '67 (MA): 'Essence of the Humanities'

Joe Cunningham '67 (MA) believed in me. He believed as well in the importance of a liberal arts education, the achievements and promise of the University, and the need for humanistic perspectives in a democratic society. But it was his faith in me—in the merits of my scholarly work and my contributions as a faculty member—that I will carry as a personal memory.


I don't recall how Joe first came to ask for copies of my books, but he turned out to be my ideal reader: a person of keen intelligence and intellectual curiosity who grasped the issues I was trying to raise and told me so in lovely notes that epitomized his thoughtfulness. How remarkable that he took the time from his busy career to encourage and support me. He voiced the same enthusiasm when he hosted me at his beautiful home in Palm Springs so that I could share my ideas with local alumni.

Joe, who died last May, expressed lifelong interest in the study of history. After earning his law degree at Columbia and while waiting to be called to active duty in the military, he pursued a master's degree in history at Rochester. Throughout a career as a prominent Washington, D. C., attorney, he remembered the role that the University had played in his life and in 2011, he endowed a professorship in history, a position held by my colleague Robb Westbrook. In 2015,

Joe received the University's Hutchison Medal and in 2016, an honorary degree, doctor of laws.

My relationship with Joe grew closer after I became the Gabrellian Director of the Humanities Center. Joe was deeply committed to the mission and aspirations of the center, which, fortunately, he was able to tour with me on his last visit to the campus. His generosity and that of his wife, Andrea, will have a tremendous impact on humanistic inquiry at Rochester, benefiting alike undergraduates, faculty members, and the Rochester community, all of which were important in Joe's outlook on the role of the University.

More than that, though, for me Joe will always personify the essence of what it means to be a humane individual. From where I stood, he exuded empathy, breadth of vision, aesthetic sensitivity, dedication to reasoned discourse, and, above all, kindness—the very qualities that the humanities teach us to cultivate.

I am glad to have had the chance to know him as a friend and will prize his memory as an inspiration. 

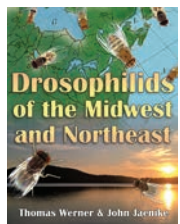
—JOAN SHELLEY RUBIN

*Rubin is the Ani and Mark Gabrellian Director of the Humanities Center at the University, where she also holds the title of Dexter Perkins Professor in History.*

## Books

### **Drosophilids of the Midwest and Northeast**

By Thomas Werner  
and John Jaenike '79 (Pdc)  
River Campus Libraries, 2017



Jaenike and Werner present an electronic field guide to fruit flies in the northeastern and midwestern United States, identifying 55 distinct *Drosophila* species, illustrated with high-resolution photographs. Jaenike is a professor of biology at Rochester, and Werner is an associate professor of biological sciences at Michigan Technological University. The first open-access book published by River Campus Libraries, the guide can be accessed at <http://humanities.lib.rochester.edu/drosophilaguide/>.

### **Pacifism: A Philosophy of Nonviolence**

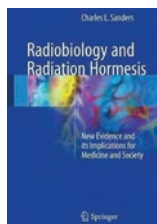
By Robert Holmes  
Bloomsbury, 2016



Holmes, a professor emeritus of philosophy at Rochester and noted philosopher of nonviolence, offers an argument for pacifism that rebuts just war theory as well as rationale for wars in Vietnam, the Persian Gulf, Iraq, and Afghanistan.

### **Radiobiology and Radiation Hormesis: New Evidence and Its Implications for Medicine and Society**

By Charles Sanders '66M (PhD)  
Springer, 2017



Sanders explores new research on the mechanisms of radiation hormesis and the potential benefits of low-dose ionizing radiation in preventing and treating a wide variety of inflammatory diseases. Sanders is a former professor of nuclear engineering at Washington State University and the Korea Advanced Institute of Science and Technology.

### **Was the Cat in the Hat Black? The Hidden Racism of Children's Literature and the Need for Diverse Books**

By Philip Nel '92  
Oxford University Press, 2017



In a series of five essays, Nel examines explicit and implicit racism in children's literature and the role of race in the development of many conventions of the genre. A noted scholar of children's literature, Nel holds the title of University Distinguished Professor of English at Kansas State University.

### **Fracking Dinosaurs: The Cayuga Lake Disaster**

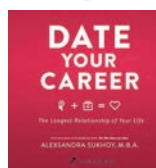
By Dalton Mire  
Freisen Press, 2017



Under the pen name Dalton Mire, Richard Sadtlemire '66 tells the fictional story of ancient, aquatic dinosaurs that resurface when a gas and salt company pollutes Cayuga Lake.

### **Date Your Career: The Longest Relationship of Your Life**

By Alexandra Sukhoy '03S (MBA)  
CreateSpace, 2017



Career consultant Sukhoy offers a how-to guide to navigate your career, "whether you're a recent grad, a mom thinking of heading back into the workforce, or a mid-level manager looking to make a change."

### **Create a Culture of Kindness in Middle School: 48 Character-Building Lessons to Foster Respect and Prevent Bullying**

By Naomi Drew and Christa Tinari '96  
Free Spirit Publishing, 2017



Drew and Tinari offer a guide for teachers and students to creating a student-driven culture of kindness and mutual respect in their schools. Drew is an expert in conflict

resolution, and Tinari is a Pennsylvania-based educational consultant with a focus on building empathy in children.

### **Language Arts, Math, and Science in the Elementary Music Classroom: A Practical Tool**

By Kim Milai '84E  
Oxford University Press, 2017



Elementary music teacher Milai offers a guide to incorporating classroom subjects into music curricula using STEAM (science, technology, engineering, arts, and math)-inspired strategies.

### **Diatonic Arpeggios for Classical Guitar**

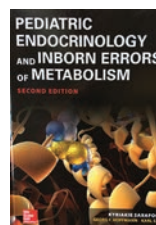
By Kenneth Meyer '00E (DMA)  
Mel Bay Publications, 2017



Meyer presents extended arpeggios for chords over the full range of classical guitar. Left-hand fingerings offer "a wide variety of shifting possibilities," while right-hand fingerings "demonstrate sequencing patterns that will improve control and dexterity when navigating the thorniest concert repertoire." Meyer performs on guitar globally and teaches at Syracuse University and Onondaga Community College.

### **Pediatric Endocrinology and Inborn Errors of Metabolism, Second Edition**

Edited by Karl Roth '62 et al.  
McGraw-Hill, 2017



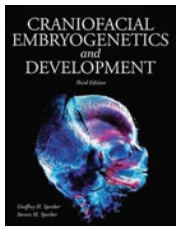
Roth coedits the collective work of more than 140 experts around the globe in a second edition of a comprehensive reference for students and professionals in the fields of general medicine and genetic counseling, in addition to endocrinology, genetics, and biochemical genetics. Roth is a professor and former chair of pediatrics at Creighton University School of Medicine in Omaha, Nebraska.



**Craniofacial Embryogenetics and Development, Third Edition**

By Geoffrey Sperber '62D (MS) and Steven Sperber

People's Medical Publishing House, 2017



Geoffrey Sperber, a professor emeritus of medicine and dentistry at the University of Alberta, and Steven Sperber, associate director of Mount Sinai Hospital's genetic testing laboratory, coauthor an updated guide to craniofacial embryogenetics, incorporating new research in embryology.

**How the Universe Says Yes to Me**

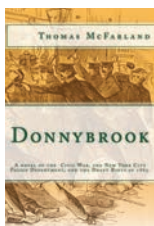
By Mary Werthman White '72W (MA)  
Main Street Rag Press, 2017



Werthman White presents her first full-length collection of poetry, an exploration of the observation that "the universe's favorite word is yes / The word she uses most often is no." Werthman White is a retired teacher and poet whose works have been published in multiple journals and anthologies.

**Donnybrook**

By Thomas McFarland '64  
Bootstrap Publishing, 2017



Set in New York City during the Civil War, McFarland's novel tells a story of the police department and the Draft Riots of 1863 through the eyes of Patrick Kavanaugh, an Irish immigrant and member of the police force. McFarland is the former president of the Rochester Civil War Roundtable.

**Earth and Elegance: A Bohemian's Guide to Creating Artisan Leather Jewelry, Volume Two**

By Laura Gasparrini '82  
Om Tara, 2017

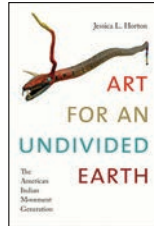


Gasparrini presents the second volume in her guide to creating leather jewelry. *Volume Two: Stringing and Crimping, Binding, and Assemblage* follows up on *Volume One: Knotting, Braiding, and Macramé*. The new volume includes 11 illustrated step-by-step

projects. Gasparrini is the founder of the Om Tara line of craft products, services, and supplies at Omtara.com.

**Art for an Undivided Earth: The American Indian Movement Generation**

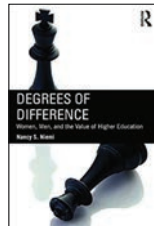
By Jessica Horton '13 (PhD)  
Duke University Press, 2017



Horton, an assistant professor of art history at the University of Delaware, explores the role of Native American artists in the American Indian Movement, a civil rights organization.

**Degrees of Difference: Women, Men, and the Value of Higher Education**

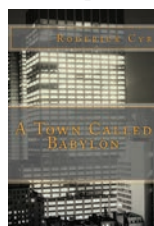
By Nancy Niemi '84, '01W (PhD)  
Yale University Press, 2017



Niemi, the director of faculty teaching initiatives at Yale University, explores the paradox between the advantage of women over men in scholastic achievement and their continued disadvantage in economic and political power. The book contributes to debates about the role of higher education in achieving gender equity in society.

**A Town Called Babylon**

By Roderick Cyr '01S (MBA)  
CreateSpace, 2017



Set in the fictional town of Babylon, Cyr's dystopian novel, an exploration of social tyranny, tells the story of a neurosurgeon who defies a council of Babylon's most powerful people.

**Recordings**

**Beyond the Sambatyon**

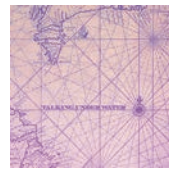
By Max Stern '69E  
CD Baby, 2017



Stern presents a new symphony, commissioned, premiered, and recorded by the Israel Sinfonietta Beersheba. The recording includes additional compositions by Stern, all inspired by the Bible, desert, ethnic-liturgical sources, and Jewish history.

**Talking Under Water**

By Talking Under Water  
Self-published, 2017



The duo of Dave Chisholm '13E (DMA) and Elise Hughey '09E, '11E (MM) unveils a recording about heart-break and loss. The tracks are composed by Chisholm and performed by Hughey (cello), Chisholm (voice and guitar), Damon (Alex) Patrick '14E (guitar), and Joe Parker '14E (MM) (drums). The producer is Stephen Roessner '14 (MS), a lecturer and doctoral candidate in audio and music engineering at the Hajim School.

**Draw the Strings Tight**

By Kenneth Meyer '00E (DMA)  
Innova Records, 2017

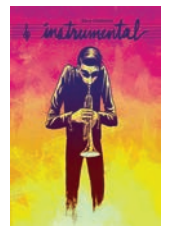


Meyer performs a range of new compositions for acoustic guitar, including recently commissioned premieres exploring themes of love, the nature of memory, truth, sense, and enjoyment. Meyer performs globally and teaches at Syracuse University and Onondaga Community College.

**Multimedia**

**Instrumental**

By Dave Chisholm '13E (DMA)  
Z2 Comics/Outside-In Music, 2017



Chisholm presents a multimedia work consisting of a graphic novel and soundtrack. Writer, illustrator, and composer for the project, he performs on trumpet, synthesizer, and voice along with Noah Berman '12E (guitar), Michael Conrad '13E (MM) (piano), Aaron Staebell '05E, '10E (MM) (drums), and Benjamin Thomas '10E, '12E (MM) (bass).

*Books & Recordings is a compilation of recent work by University alumni, faculty, and staff. For inclusion in an upcoming issue, send the work's title, publisher, author or performer, a brief description, and a high-resolution cover image to Books & Recordings, Rochester Review, 22 Wallis Hall, Box 270044, University of Rochester, Rochester, NY 14627-0044; or by e-mail to rochrev@rochester.edu.*

## A Child's (Diverse) Garden of Literature

Children's classics can send troubling messages to kids. Philip Nel '92 says teach the books—but critically, and in the context of a wide range of literature.

Interview by Karen McCally '02 (PhD)

**Children's books are some of the most influential books that any of us encounter.** They're also some of the most important literature that we read, because when we read children's books, we're still very much in the process of figuring out who we are, what we believe, and what kind of person we'd like to become. Children's books also tell us at a very young age who matters, who doesn't matter, whose stories are worth telling, and whose stories are not worth telling.

**My early book on children's literature, *Dr. Seuss: An American Icon*, was a look at the cultural significance of Seuss's work. Although it includes a chapter on Seuss, my new book is on the pervasiveness and complexity of racism in children's literature.** Was *the Cat in the Hat Black? The Hidden Racism of Children's Literature and the Need for Diverse Books* has Seuss in the title because he did racist as well as anti-racist work

**I think we should teach offensive children's books. We should learn to read uncomfortably and help children to read uncomfortably.** We don't help children by shielding them from painful, difficult, hurtful experiences. We help

by teaching them how to respond. So, for example, if a child learns that it's OK to be angry at a book, that child has learned a very important lesson and has a sense of agency when confronting prejudice out in the world.

**If you teach these books, they must only be taught in context.** If you are teaching *The Adventures of Huckleberry Finn*—which is deservedly a classic and really racist—you should also teach something like Julius Lester's *To Be A Slave*, a collection of ex-slaves' narratives where we learn of mothers who kill their own children rather than allow them to be sold.

**Fifty percent of school-aged children in the United States are nonwhite. But only 22 percent of children's books published in 2016 featured nonwhite characters.** And only 13 percent were by nonwhite authors. The whiteness of the publishing industry is one reason. Another is that, if you're a children's author of color, it's a lot easier to get a book published if that book is nonfiction, a memoir, or a historical novel. It's much harder to get it published if it's science fiction, fantasy, or dystopia.

### Philip Nel '92

**Home:** Manhattan, Kansas


University Distinguished Professor of English, Kansas State University; author of blog "Nine Kinds of Pie" at PhilNel.com, as well as books including *Was the Cat in the Hat Black? The Hidden Racism of Children's Literature and the Need for Diverse Books* (Oxford University Press, 2017); *Crockett Johnson and Ruth Krauss: How an Unlikely Couple Found Love, Dodged the FBI, and Transformed Children's Literature* (University Press of Mississippi, 2012); and *Dr. Seuss: An American Icon* (Continuum Publishing, 2004).

**On studying children's literature:** "Children's literature is the reason that I became a reader, and it's the reason that I became an English major. But I didn't yet realize that at the time that I was at Rochester. There wasn't an opportunity to study children's literature at the time. I didn't take any classes in children's literature in graduate school either. I did write a chapter of my dissertation on Dr. Seuss. And that's when I came to realize that there's a whole scholarly conversation happening about children's literature."



**It's important to invite young people to ask questions about the books they read.** Take the example of *Charlie and the Chocolate Factory* and the Oompa Loompas. The Oompa Loompas are shipped to England in crates and they live in a factory. They never leave that factory, and they're paid in beans. What would that be like? Does that sound like a fun way to live? Do you know any stores that accept beans for payment? Has Mr. Wonka offered them a good deal or a bad deal?

**Children can engage in the imaginative work of putting themselves in the shoes of the various characters.** What would the story be like from the Oompa Loompa's point of view? There are countless retellings of fairy tales from different points of view. That's a great way to get children to imaginatively engage—have them re-imagine a story from somebody else's point of view.

**A child might ask, why are we reading this book?** You might say we're reading this book so that we can address that very question. We're reading this book so that we can talk about what we might admire in the book and what we might not admire in the book. Adults should honor that question. It's the best question to ask. 



*The couple, Founding Members of the Wilson Society, at the dedication of the Dr. Dennis A. Clements III and Dr. Martha Ann Keels EIOH Pediatric Dentistry Clinic.*

## *A Marriage of Medicine and Dentistry*

The care of children is a shared passion for Dr. Dennis A. Clements III '72M (MD) and his wife, Dr. Martha Ann Keels. So when Dr. Clements, a pediatrician and global health educator, and Dr. Keels, a pediatric dentist who also works with special needs children, wanted to support initiatives at UR Medicine, they decided the best strategy was a blended gift.

Their outright gift will allow renovations and technology updates to the pediatric dentistry clinic at Eastman Institute for Oral Health. Their bequest will one day endow a named fund

that will forever enable medical students to participate in global health initiatives in countries with health disparities. While a UR medical student, Dr. Clements was given a scholarship to participate in public health programs abroad, a transformational experience now ensured for future generations of students. "Rochester invested in me," he said. "I'm simply returning a dividend."

"It seemed like a great fit, marrying both dentistry and medicine," said Dr. Keels. "Rochester is one of the few places that recognizes them as being equally important for a child's total health."



**IMAGINE YOUR LEGACY. PLAN TODAY TO MAKE IT HAPPEN.**

To learn more about bequest intentions and outright gifts, contact the Office of Trusts, Estates & Gift Planning  
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**SUMMER ENRICHMENT**

## View Finder

**EYEING EDUCATION:** Rochester elementary school student Amaya Howard looks through a magnifying glass in the Fab Lab in Rettner Hall this summer during a program administered by the Warner School of Education. As part of Warner's Horizons program, K-8 students from the Rochester City School District spend six weeks on campus, taking part in classes, activities, and working with members of the Warner community in nontraditional learning experiences. **PHOTOGRAPH BY J. ADAM FENSTER**

