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UNIVERSITY OF ROCHESTER/FALL 2018

Review

A Nobel Light

As a graduate student in optics, Donna Strickland '89 (PhD) wrote a dissertation on how to use light more effectively. Three decades later, she has a Nobel Prize.



A detailed view of a laser system, likely a femtosecond laser, featuring various optical components such as lenses, mirrors, and fiber optic cables. A bright light source is visible on the right side, illuminating the scene with a strong red glow. The overall appearance is that of a sophisticated scientific instrument.

When the peak power of laser pulses reached its known limit, the Laboratory for Laser Energetics at the University of Rochester challenged the laws of physics. Through student-faculty collaboration, a revolutionary technique was invented that would emit higher-than-ever intensity pulses in a fraction of a nanosecond. This groundbreaking thinking paved the way for the use of compact laser systems in applications from manufacturing to medicine, earning the scientists the 2018 Nobel Prize in Physics.

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Features

FALL 2018



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Marvelous Meliora!

Record numbers of alumni, parents, faculty, staff, and students celebrated their connections to the University during this fall's Meliora Weekend, where the motto was hard to miss. Physical installations of the word Meliora were popular spots to highlight University spirit and take a photo, as first-year medical students Heidi Bai (above, left) and Catherine Lyndaker did on the Eastman Quadrangle.



ON THE COVER: Donna Strickland '89 (PhD); photo by Peter Power/Reuters

32 Love at First Light

Donna Strickland '89 (PhD) has been captivated by lasers since childhood. This fall, she and her PhD advisor, Gérard Mourou, shared a Nobel Prize for the research they undertook at Rochester's Laboratory for Laser Energetics in the 1980s. *By Lindsey Valich*

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Arts, culture, and the great outdoors. The San Francisco Bay Area, home to some 3,500 Rochester alumni, has it all. So where to begin? We asked a few alumni—such as (at left) Zakia Barnes '04, '17S (MBA)—to help guide us. *By Kristine Thompson*

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Thank You, Danny

Outgoing board chair Danny Wegman deserves our thanks as we welcome the new chair, Richard Handler '83.

By Richard Feldman

October marked a significant transition in the leadership of our Board of Trustees. Danny Wegman stepped down as chair and Richard Handler '83, CEO and director of the Jefferies Financial Group, was elected to succeed him.

Danny has served as a University trustee for nearly 20 years and chair since 2016. He is now chair emeritus, and will remain an active member of the board, including as cochair of the Trustees' Presidential Search Committee and a member of the White Report Oversight Committee, which is helping guide our cultural transformation initiatives.

Danny has been a long-time supporter of the University. He and I have worked together closely since I became president last winter. He listens to feedback from all constituencies and has been committed to improving our organization in every possible way. Danny led the board through a challenging time, helping chart a steady course for the University.

I have enjoyed his spirited ideas and energy as well as his kindness and humor. Every time we met, we managed to share a laugh. Danny's leadership has been instrumental in our efforts to strengthen our culture. He has long been a proponent of our motto, *Meliora*. He models many of the values to which we, as an institution, aspire.

Frequently recognized among the most respected business leaders in the greater Rochester community for his roles as former president and CEO and now chairman of Wegmans Food Markets Inc., Danny leads by example and treats his employees, customers, and suppliers like family. His work in making Wegmans a fulfilling, respectful workplace is inspiring. Wegmans routinely ranks at the top of the list of *Fortune's* 100 Best Companies to Work For.

The grocery chain invests in its people—last year, Wegmans spent \$50 million on employee development, plus \$5 million in scholarships and filled half of its open positions internally.

Danny has brought similar principles to the University, engaging with people at every level of our organization.



Danny is a community builder. He has done immeasurable good in Rochester, providing meaningful employment to residents, funding scholarships to young urban scholars, supporting economic development initiatives, and working to eradicate poverty in Monroe County.

Danny's involvement in Rochester's Hillside Work-Scholarship Connection has been instrumental over the past 30 years in transforming the program into an initiative that has helped nearly 6,000 young people graduate from urban high schools and become productive citizens.

The University is proud to participate in this important work through our Teen Health and Success Partnership Program. Ninety-eight percent of students who work during high school with Hillside employment partners graduate from high school in four years.

Danny's interest in harnessing the power of data and his passion for wellness have led to his substantial generosity toward the University, as evidenced in Wegmans Hall, the Goergen Institute for Data Science, the Rochester Data Science Consortium, and the Golisano Children's Hospital, among others.

Gifts from the Wegman Family Charitable Foundation have been consequential in our

delivery of world-class health care and our industry partnerships in data science. We recently announced another significant commitment from Danny and the Wegman Family Charitable Foundation to support faculty and students at the Eastman School of Music, which will celebrate its centennial in 2021.

In similar ways, Rich Handler has demonstrated an inspiring commitment and engagement as a leader in the University community. First elected to the board in 2005, he serves on the Executive and Advancement Committees and has been the chair of the board's Investment Committee since 2007.

He has taken on other important roles, including serving as the chair of the board's Special Committee, which oversaw last fall's independent investigation, led by Mary Jo White.

Rich was a cochair of *The Meliora Challenge*, the University's historic \$1.37 billion capital campaign, a commitment that was just one illustration of his leadership by example.

For more than a decade, he and his wife, Martha, have been committed to the Alan and Jane Handler Scholars program, a scholarship they established for undergraduates of diverse backgrounds, exceptional academic and leadership potential, and high financial need.

The Handlers' \$25 million commitment to this scholarship was the largest contribution to student scholarships during the campaign and in the University's history. To date, 76 Handler Scholars have either enrolled or graduated from the University.

Each year, 1 percent (currently 14) of the entering first-year class will be awarded this prestigious scholarship once admitted to the University.

Rich has been a key advisor and dedicated alumnus, and I look forward to working with him to advance key strategic initiatives in anticipation of the arrival of a new University president next summer.

And I am deeply grateful to Danny for his dedicated service, his passion and ideas, and for his generosity in helping the University thrive. On behalf of our community, I thank him. 🍷



ON DECK: Boston Red Sox legend Ted Williams (above, left) made an uncredited appearance in the July-August issue, writes James Areno '75, referring to a photo showing Williams as manager for the Washington Senators. Along with a photo showing New York Yankees great Babe Ruth (below, left), the story "Pitching Politics" highlighted "arguably the two greatest hitters in the history of the game," Areno writes.

A Doubleheader of Sorts

That was a great photo in the July-August issue of the great Babe Ruth presenting a copy of his biography to Yale baseball player George H. W. Bush in the spring of 1948 ("Pitching Politics").

Who ever would have dreamed that the young Yale captain would become president 40 years later?

In another photo in the same article, I wonder how many of your readers recognized that the Washington Senators manager standing alongside President Nixon, as he was throwing out the opening day first pitch in 1969, was former Red Sox slugger Ted Williams.

Thus, these two photos captured two presidents along with arguably the two greatest hitters in the history of the game.

*James Areno '75
Rhinebeck, New York*

Where Are My Classmates?

I always look forward to receiving my copy of *Rochester Review* and to reading its interesting articles about my alma mater. But I must admit I am most interested in seeing who is mentioned in the various class news articles.

Unfortunately I never see any mention of the men's Class of '43. So I am wondering if I am I the last of those who, having joined the Army reserves in order to finish



college, were called to active duty immediately upon graduation.

Sad to say, World War II interrupted the careers of many of us and ended the careers of some.

I am 99, and I am hoping that some of my surviving classmates will see this article and respond. My email address is mikespv@gmail.com, if you wish to contact me directly.

*Myron (Mike) Klein '43
Fort Myers, Florida*

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.

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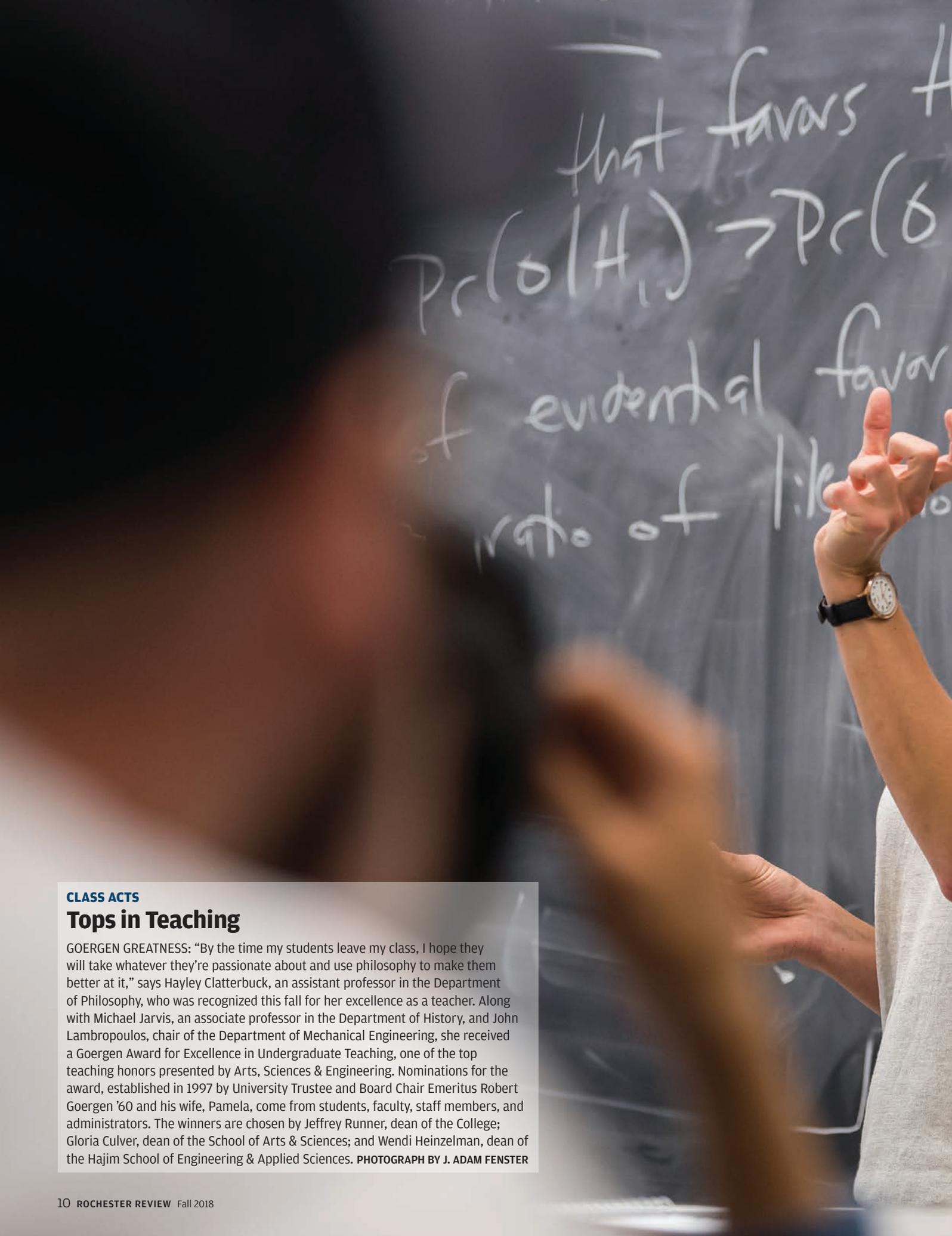


WATERLOO WELCOME

The Many Manifestations of Monet

RARE SIGHTING: Visitors to an innovative exhibition at the Memorial Art Gallery this fall have a rare opportunity to see eight different paintings that French impressionist Claude Monet made of London's Waterloo Bridge. The exhibition, *Monet's Waterloo Bridge: Vision and Process*, includes MAG's own highly regarded version along with seven others borrowed from North American museums, including the National Gallery of Art and the Art Institute of Chicago. The exhibition also includes touchscreen interactives that allow visitors to explore the paintings through new imaging analysis performed by Buffalo State College on MAG's Waterloo Bridge, *Veiled Sun*. PHOTOGRAPH BY J. ADAM FENSTER





CLASS ACTS

Tops in Teaching

GOERGEN GREATNESS: “By the time my students leave my class, I hope they will take whatever they’re passionate about and use philosophy to make them better at it,” says Hayley Clatterbuck, an assistant professor in the Department of Philosophy, who was recognized this fall for her excellence as a teacher. Along with Michael Jarvis, an associate professor in the Department of History, and John Lambropoulos, chair of the Department of Mechanical Engineering, she received a Goergen Award for Excellence in Undergraduate Teaching, one of the top teaching honors presented by Arts, Sciences & Engineering. Nominations for the award, established in 1997 by University Trustee and Board Chair Emeritus Robert Goergen ’60 and his wife, Pamela, come from students, faculty, staff members, and administrators. The winners are chosen by Jeffrey Runner, dean of the College; Gloria Culver, dean of the School of Arts & Sciences; and Wendi Heinzelman, dean of the Hajim School of Engineering & Applied Sciences. **PHOTOGRAPH BY J. ADAM FENSTER**







FIELD NOTES
Beetle Mania

FULL MARKS: Gabrielle Henry '19 (left) daubs the correction fluid Wite-Out on a beetle (inset) in Mt. Hope Cemetery this fall as part of an advanced ecology and evolution laboratory course led by Robert Minckley, a senior lecturer in the Department of Biology. The class marks the beetles, a species of blister beetles, so that they can identify them in follow-up trips and monitor if the population levels change. Minckley says the beetles work well for a class project because they're abundant in the cemetery each fall and active regardless of the temperature. "They are nearly perfect as a teaching organism and are largely unstudied," says Minckley. "As far as I know, there has never been a scientific paper written on this species. So, the students are discovering something entirely new no matter what they decide to study." PHOTOGRAPH BY J. ADAM FENSTER

A TRIBUTE

‘Part of Something Better’

Remembering University leader Paul Burgett.

By Kathleen McGarvey

Paul Burgett '68E, '76E (PhD) arrived in Rochester in 1964, a first-year violinist at the Eastman School of Music. It was a “watershed moment” in his life, he told *Rochester Review* in 2015. “I couldn’t think of anything I would rather do than be in this environment.”

When Burgett died in August, after a brief illness, at age 72, his loss reverberated through the Rochester community. For more than 50 years, he dedicated himself to “this environment”—first Eastman, then the University, and always, the city that enveloped them. “No person in the worldwide University of Rochester community is more beloved than Paul Burgett,” President Richard Feldman wrote in tribute.

Whatever titles Burgett accrued—and there were many, from Eastman student body president to faculty member in the Department of Music, dean of students at Eastman, University dean of students, and vice president, general secretary, and senior advisor to the president—the roles dearest to him were musician and teacher. Known fondly to thousands of students and alumni as “Dean B,” Burgett could inspire crowds—most famously, with his “Fiery Furnace” speech to incoming students—and listen, with an almost magical attentiveness and warmth, to the students he advised and to anyone, whether colleague, alumnus, or chance acquaintance, whose path he crossed.

“He was a larger-than-life figure with a gregarious and outgoing personality who simultaneously was among the most thoughtful and sensitive individuals in any

In Memory

The University will remember Paul Burgett '68E, '76E (PhD) at a public memorial service on November 13, at 4 p.m., in Strong Auditorium on the River Campus. The service is open to all and will also be streamed live on the University’s memorial website for Burgett: Rochester.edu/news/remembering-paul-burgett/.

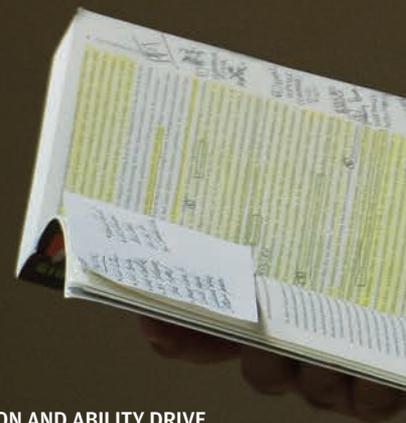
Donations in Burgett’s memory can be made to Gateways Music Festival in association with the Eastman School of Music at Gatewaysmusicfestival.org/donate. Contact the Festival at (585) 232-6106 or via email at info@gatewaysmusicfestival.org for additional information.

group when thinking about the needs of others,” Jamal Rossi '87E (DMA), the Joan and Martin Messinger Dean of the Eastman School of Music, said in remembrance.

To all that he did, Burgett brought a sensibility shaped by the racism he experienced as a child in segregated St. Louis, Missouri, and by the love with which his family—his parents, his siblings, and later, his beloved life partner, Catherine Valentine, a professor emerita at Nazareth College—held him aloft. In response to his early encounters with prejudice, Burgett developed what he described as a “social and cultural fluency”—an empathetic ability to connect with other people and a keen awareness of the socially constructed boundaries that often hold people apart. He devoted his career to cultivating such fluency in others, and he brought to his work indefatigable energy and infectious delight. More privately, says Valentine, he also struggled to be hopeful in the face of the world’s capacity for injustice.

He poured his optimism into his work with students. “Students are my most favorite people in the world,” Burgett told *Rochester Review* in the 2015 profile. “My idea of the closest thing to great potential and to efforts at human perfection, for me that’s to be found in students.” As dean, first at Eastman and then on the River Campus, he bettered programs and facilities designed to support them—planning Eastman’s Student Living Center and improving programs at Wilson Commons, University Health Service, the University Counseling Center, Residential Life, and other areas under his guidance. All the while, he reminded those who worked with him that their most essential task was gaining admittance to the “backstage” of students’ lives, where undergraduates revealed their true anxieties, fears, and hopes.

In the “Fiery Furnace” speech that Burgett gave every year—and had been scheduled to give to the Class of 2022 this fall—he led students in a chorus: “Passion and ability drive ambition.” With those words, he urged them to find what mattered most to them and make it their life’s work. He always showed them the way. Burgett created and joyously taught two of Rochester’s most popular classes—History of Jazz and Music of Black Americans, courses he developed out of his own doctoral



‘PASSION AND ABILITY DRIVE AMBITION’: The late University Dean Emeritus Paul Burgett is being remembered for his dedication to Rochester’s students and his efforts to help students discover what matters most to them and make it their life’s work.



research. He threw himself into community service, working with such groups as the Urban League, the Rochester Arts and Cultural Council, and the United Way of Rochester. With Feldman, he cochaired the President's Commission on Race and Diversity in 2015, recommending ways to increase diversity among students, faculty, and staff and to create a campus community that values diversity in all its forms. And for more than 20 years, Burgett championed the Gateways Music Festival, a celebration of professional classical musicians of African descent. In 2017, he coordinated a formal partnership between the rapidly growing festival and Eastman, and at the time of his death, chaired the board of directors that he had made national in scope.

In 2014, the University announced that its new intercultural center would be known as the Paul J. Burgett Intercultural Center, named in honor of Burgett's 50th year at the University. The center promotes cultural awareness and engagement, educates on issues of identity, culture, and diversity, and provides a place and opportunities for people to come together. At the dedication ceremony, Burgett observed, with emotion, that the center's home on the third floor of the Frederick Douglass Building is the place his sister, physician Lettie Burgett '71, once occupied as a member of the Black Students Union, when in 1969 students staged a protest for improved opportunities for black students, staff, and community members. "The creation of the University of Rochester's intercultural center is a dream of my heart's desire," Burgett told those assembled.

"His warmth, his light, and his laughter made all who were graced with his presence feel like they were part of something better," center director Jessica Guzmán-Rea wrote at the time of his death.

During Meliora Weekend, when Burgett would have marked his 50th reunion, the University posthumously awarded him the Frederick Douglass Medal, a recognition of scholarship and public engagement that honors Douglass's legacy.

"Where some lectured to crowds, he spoke to individuals; where some saw disagreement, he looked for common ground; and where many heard cacophony, he listened for music and harmony," Feldman said in presenting the award.

"Taking his place in the tradition of pioneering leaders Frederick Douglass and Susan B. Anthony, he challenged us to hold ourselves to a standard that will make Rochester a better place and each of us a better person." 

UNIVERSITY LEADERSHIP

Richard Handler '83 Elected Chair of the Board of Trustees

Veteran trustee succeeds outgoing chair Danny Wegman.

By Sara Miller

The University's Board of Trustees elected Richard Handler '83, CEO and director of the Jefferies Financial Group, as chair at its October meeting.

Handler began his term as chair immediately and succeeded Danny Wegman, who in July informed the board of his intention to step down as leader.

Wegman has served as a University trustee for nearly 20 years and chair since 2016.

Wegman, chairman of Wegmans Food Markets, becomes chair emeritus, but will remain an active member of the board. He has been a long-time supporter of the University, and led the board through this year's presidential transition.

He has worked closely with President Richard Feldman in strengthening the Uni-

being 'ever better' doesn't happen without talented and committed people coming together to do hard work. I am looking forward to working closely with my fellow trustees, Rich Feldman and his senior leadership team, and the new president whom we hope to identify and have in place by July 1, as well as our esteemed faculty, hardworking staff, proud alumni, the citizens of Rochester, and, of course, the stewards of our future—our students. I am excited about our future together, and I look forward to meeting and working with many of you in the years to come. I am 'all-in' and truly excited about our future together."

Handler earned his bachelor's degree in economics magna cum laude with high distinction from the University in 1983, and his MBA from Stanford University in 1987. He began his career as a bond trader and in

Handler Scholars program, a scholarship he designed at the University for undergraduates of diverse backgrounds, exceptional academic and leadership potential, and high financial need. Handler and his wife, Martha, established the program in 2007 with an ultimate commitment of \$25 million, and named the scholarship in honor of Rich's parents.

The scholarships provide an all-expenses-paid education for these exceptional students. To date, 76 Handler Scholars have either enrolled or graduated from the University. Each year going forward in perpetuity, 1 percent (currently 14) of the entering first-year class will be awarded this prestigious scholarship once admitted to the University.

The Handlers have four children: Max, Shane, Hunter, and Skylar. The entire Handler family has been actively and per-

“I’m a proud University of Rochester alum, and ... [t]hose who know me know that some of my most important priorities in life are equality, empowerment, diversity, and fairness, qualities that the board and members of the University community also embrace.”—Richard Handler '83

versity's Culture of Respect. Among other activities, he will continue to cochair the Trustees' Presidential Search Committee, and will serve as a member of the White Report Oversight Committee, which provides guidance to the University's administration on recommendations and connected structural and cultural transformation initiatives.

“I'm humbled by the honor my fellow trustees have bestowed on me,” Handler said. “I'm a proud University of Rochester alum, and I credit the University with providing me the foundation, perspective, education, and skills that have served me well throughout my life and career. Those who know me know that some of my most important priorities in life are equality, empowerment, diversity, and fairness, qualities that the board and members of the University community also embrace.

“Meliora is our motto, and I know that

1990 joined Jefferies, where he still works. Handler is the longest serving CEO on Wall Street and has worked with his many partners during the past three decades to transform Jefferies from a small equity trading boutique into the largest, independent, full service, global investment and merchant bank.

Handler was first elected to the board in 2005. He serves on the Executive and Advancement Committees and has been chair of the Investment Committee since 2007. Handler was a cochair of *The Meliora Challenge*, the University's historic \$1.37 billion capital campaign, which successfully concluded in 2016. Most recently, he chaired the board's Special Committee, which oversaw the independent investigation by Debevoise & Plimpton led by Mary Jo White.

For more than a decade, Handler has been committed to the Alan and Jane

sonally involved with the Handler Scholars.

“Rich has demonstrated his commitment to the University and the board in very meaningful ways since first being elected in 2005,” said Feldman. “He is both a key advisor to the University and a dedicated alumnus who helped *The Meliora Challenge* surpass its ambitious fundraising goal.

“He freely gives of his time to speak with students while on campus, and he's committed to seeing that talented students of limited financial means can attend and graduate from the University. I very much look forward to continuing to work with Rich on advancing key strategic initiatives in anticipation of a new University president next summer.

“I'm also extremely thankful for everything Danny has done and will continue to do for the University,” said Feldman, “and I look forward to continuing to work with Danny as a board member.”

BUSINESS BRIEFING

Competitive Advantage

The Simon Business School becomes the first program in the country to offer a STEM-designated MBA, regardless of specialization.

Interview by Peter Iglinski '17 (MA)

The Simon Business School can claim a unique selling proposition. This summer, the graduate school became the first in the country to offer students a STEM-designated MBA degree, no matter which area students choose to specialize in.

To earn the designation, Simon had to demonstrate that its curriculum met stringent guidelines set by the New York State Education Department. Those include a requirement that 50 percent of a program's credit hours be in courses grounded in applications using science, technology, engineering, and math. For a course to be STEM designated, at least 50 percent of its content and pedagogy has to have a STEM focus, according to guidelines set by the Office of the Provost.

Given that Simon has long used an analytical lens to research and teach finance, accounting, operations, marketing, and other facets of business education, the designation seemed a perfect fit, say the school's leaders. As Gregory Bauer, dean of full-time programs at Simon and the Rajesh Wadhawan Professor, puts it: "We were analytical before analytical was cool."

An immediate outcome of the designation is that a STEM degree makes international students eligible to stay in the United States for three years of work experience, instead of the standard one year. Those guidelines are set by the federal Optional Practical Training (OPT) program.

Simon Dean Andrew Ainslie says plans are also under way to gain STEM designation for the school's undergraduate and part-time MBA programs.

"Along with benefiting our students, these moves will give Simon a real competitive advantage, because we are the only true STEM business school," he says.

What does the designation mean for the University?

Bauer: At a recent conference, much of the talk had to do with how technology is driving the growth in management education. Businesses need people who do technology, and they need people who can manage people who do technology. And that's what our MBA is offering. It really is the future of education, and Simon is leading it.

Ainslie: It's a component of the virtuous cycle of education. How do you improve as a university? You do that by attracting better students, attracting better faculty, and attracting better recruiters who will employ your students.

The STEM designation provides students with something attractive. We are certain our number of applicants will increase next year. If we do get more applicants, we can be more selective, which means we'll put better people on the market. If we put better people on the market, then companies become much more



WHY STEM? Simon Business School deans Ainslie (left) and Bauer (right) say that classifying the school's MBA as a STEM (science, technology, engineering, and math) degree is not only consistent with Simon's long-standing analytical approach to business, but will also be a significant draw to top international students.

interested. Ultimately, our ranking moves up, which helps us attract better students. And the cycle continues. So this isn't going to have a one-year or two-year impact on us. This will have a permanent structural impact on who we are as a business school.

Why did Simon want to have the designation?

Bauer: STEM reinforces the fact that we provide our students with an analytical degree that they can use to help manage people. The hallmark of the Simon MBA is that students get both an understanding of the analytic tools they need, as well as the ability to lead globally diverse and inclusive teams. It gives them a huge competitive

advantage in the job market. All of our students—domestic and foreign—will be able to tell employers, "I have a STEM degree, and therefore I have an understanding of the tools, applications, and techniques that you want your employees to have."

How do the additional two years under OPT help international students?

Ainslie: Let's think about where these STEM jobs are. They're in the exact fields that the United States leads the world. The STEM jobs are at Amazon, they're in Google. They're in companies like Hertz, where



they're thinking of how to get the right car to the right place for the right customer at the right price. And they're going to be spending time at the best companies in the world, and then they're going to be taking those skills back to their own countries.

If there's one thing we've learned about a global economy, it's that every time any country produces better products and better services, it raises the quality of every person's life. So we're not only providing great training for our students, we're using that to grow the world's economy.

Bauer: At the same time, if students are using the STEM designation to stay in the US longer, they'll be applying the tools we give them to help American employers. 



NET BENEFIT: A new solar energy system is expected nearly to offset the power needs of a new addition to Hutchison Hall.

SPACES & PLACES

Project Aims for First Near ‘Net-Zero’ Building

An addition to Hutchison Hall will be part of an innovative energy initiative.

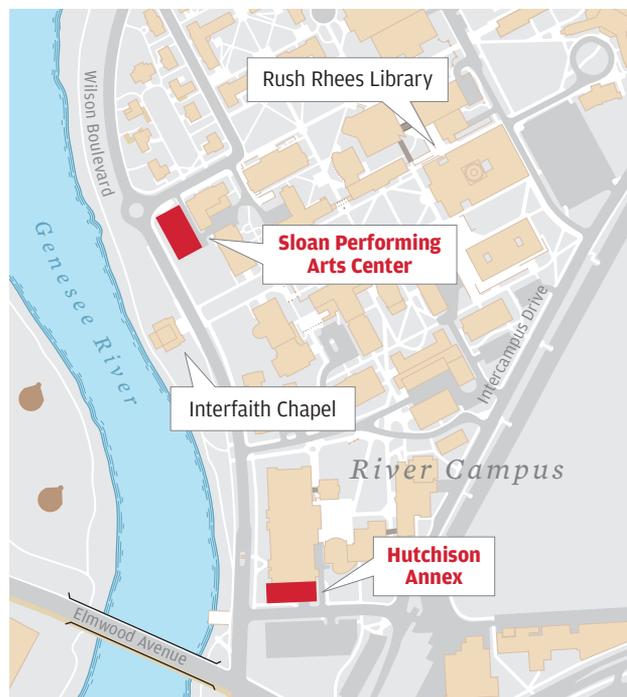
A project to install a state-of-the-art solar and energy storage system on the River Campus is expected to result in the first near “net-zero” building at the University, meaning that the system will return as much energy to the grid as the new building requires for its power.

The project, supported with a \$1 million award from the New York State Energy Research and Development Authority (NYSERDA), features the installation of a 335-kilowatt solar system on the roof of the Goergen Athletic Center. That system will supply the University’s electrical grid with the power equivalent to that needed for a new addition to the south side of Hutchison Hall.

Work on the building, designed to be high efficiency and to use technologies that reduce its energy use, is expected to begin in 2019, with work on the energy system, the first of its kind in the Northeast, to begin later that year.

Carmala Garziona, a professor of earth and environmental sciences at Rochester and the director of the University’s Center for Energy and the Environment, is spearheading the initiative, which will bring together Rochester researchers, students, and local community members to learn more about solar energy that is integrated with energy storage.

The project is part of a NYSERDA-led initiative to supply 50 percent of the state’s electricity from renewable sources by 2030. The program’s ultimate goal is to reduce greenhouse gas emissions 40 percent below 1990 levels by 2030. [R](#)





SCENE SETTING: Located next to Todd Union, the new Sloan Performing Arts Center is scheduled to open in 2020.

THEATER, DANCE & MUSIC

New Sloan Performing Arts Center Set for River Campus

Plans include a new theater and other facilities for student programs.

By Jim Mandelaro

Plans are under way for a performing arts center on the River Campus to provide new space for theatrical performances, dance programs, concerts, lectures, and other activities.

Scheduled to open in fall 2020, the Sloan Performing Arts Center is a 25,000-square-foot facility that will be built next to Todd Union, the current home of Todd Theater, the International Theatre Program, and the Program of Movement and Dance.

In addition to a studio theater, the Sloan Center will house a café, scene shop, dressing rooms, costume shop, and green room.

University Trustee Thomas Sloan '65, '67 (MS) and his wife, Linda Sloan '67, have made a commitment to initiate the project.

The theater will be named in recognition of leadership supporters Edgar Smith '72 and Lusette (Andy) Smith '72; the lobby, in recognition of the support of University Trustee Brian Prince '86, '89S (MBA); the box office and production office, in recognition of Richard Leibner '59 and Carole Cooper Leibner; and the café, in recognition of the family of Drew Mittelman '68 and Maureen Adduci, the parents of a 2005 Rochester graduate.

The architectural firm SLAM Collaborative has been hired for the project. Site planning has begun, and a dedication ceremony is slated for Meliora Weekend 2020.

In the College, hundreds of students regularly participate in performing arts programs and activities as actors, musicians, dancers, members of production teams, and audience members. **R**

CAMPUS LIFE

Project for New Center for Jewish Life Gets Under Way

A \$2.5 million pledge from David Greenbaum '73 and his wife, Laureine, has kicked off an initiative to construct a new facility for Hillel and for other activities related to Jewish life on the River Campus. The 6,500-square-foot building, planned for a site on Wilson Boulevard near the corner of Fraternity Road, will be named the Greenbaum Center for Jewish Life, in recognition of the leadership support of the New York City couple.

An additional \$3.5 million will be sought from other donors for the project. President Richard Feldman says the initiative is part of the University's efforts to make sure that students have excellent resources, facilities, and programs that support their religious, cultural, and social interests. A similar building for the Catholic Newman Community is in the early planning stages and would be located nearby. **R**

COLLEGE CLASS OF 2022

‘Full Circle’

Nearly 19 years later, triplets born prematurely at Strong Memorial Hospital join the Class of 2022.

By Jim Mandelaro

Jay and Sandra Gelb '89 became parents the morning of November 12, 1999.

And again, four hours later.

And again, five minutes after that.

The triplets were born at 29 weeks gestation—11 weeks premature—and weighed a combined 6.3 pounds.

“They were so small you could hold one in your hand,” Jay says.

Doctors at Strong Memorial Hospital cautioned the parents not to name the babies, who were given less than a 50 percent chance of survival. The bereavement for “named” infants would be longer and more painful, so they were called Baby A, Baby B, and Baby C.

“It was a very scary time,” Sandra says.

The triplets spent three months at Strong’s Neonatal Intensive Care Unit (NICU). Sandra took the day shift, and Jay stayed nights. “Finally,” Jay says, “we got to take our babies home.”

This past August, nearly 19 years later, Matthew, Nicole, and Robert enrolled at Rochester as members of the Class of 2022—just across the street from where they were born.

“It feels like we’ve come full circle,” Nicole says. “We’re NICU graduates.”

The Gelbs joined about 1,400 of their fellow members of the College Class of 2022 this fall, a group that represents one of the most selectively drawn cohorts in Rochester’s history. Out of a record 20,243 applications, only 29.6 percent were admitted, also the lowest percentage ever (see page 21).

Matthew and Robert are enrolled in the Barry Florescue Undergraduate Business Program, aspiring to follow their father into the banking business. Nicole plans to become a special education teacher. All three have been avid swimmers since age five and are members of Rochester’s varsity team.

The triplets attended the Harley School, an independent, college preparatory school in Rochester, from kindergarten through senior year. They’ve been heavily involved in the community. “We enjoy giving back,” Nicole says. “We realize how fortunate we are.”

They also continue a deep family connection to the University. In addition to their mother, who earned a bachelor’s degree in psychology, their late maternal great-grandmother, Anne Wolk '58, graduated from Rochester. And their grandfather, Allan Wolk, who died in 2012, was a professor at the Simon Business School for 41 years.

“He’d be very happy we are continuing the family tradition at Rochester,” Sandra says. “He always loved the University.”

The triplets attended numerous summer sports camps and summer precollege programs at Rochester over the years.

“We looked at other places,” Nicole says, “but nothing could compare.”

It was their choice to attend the same college.

“We always do everything together,” Robert says.

Jay sees a symmetry in how his children’s lives have evolved.

“When they were in kindergarten, they were in a play dressed as bumblebees,” he says. “Who would’ve thought that bumblebees really grow up to become Yellowjackets?” 

ALL TOGETHER: Matthew, Nicole, and Robert Gelb have attended school together every year since kindergarten and are now first-year students at the University. The triplets were born 11 weeks premature at Strong Memorial Hospital in 1999, weighing a combined 6.3 pounds.



COLLEGE CLASS OF 2022

By the Numbers

1,397 Number of students enrolled

50/50 Ratio of female and male students in the class

20,216 Number of applications for the class (the first time applications were above 20,000)

465 Number of students admitted through the early decision program

29.4% The percentage of students who were offered admission (the lowest percentage ever)

33.5% The percentage of students from outside the United States

25.8% The percentage of students from New York state

3.8 Average high school GPA

1389 Average two-score equivalent SAT/ACT score

22% Percentage of students who are the first in their families to go to college

21.6% Percentage of students who are members of under-represented minority groups (the highest percentage ever)

46 Number of states represented by students in the class (with additional students from Washington, D.C., and Puerto Rico)

90 Number of countries represented by students in the class





BRAIN BIOMARKER: A new test approved by the FDA and based on Rochester research can diagnose brain injuries from a blood sample.

A Simple Blood Test to Diagnose Concussions

For the first time in the US, a blood test will be available to help doctors determine if people who've experienced a blow to the head could have a traumatic brain injury such as brain bleeding or bruising. Until now, physicians have relied on subjective markers—mainly patient-reported symptoms such as headaches, nausea, or light sensitivity—to make an educated guess as to which individuals have brain trauma and require a head CT scan.

The new test, called the Banyan

Brain Trauma Indicator, provides an objective measure of injury that can be obtained quickly and easily in busy emergency departments. The US Food and Drug Administration approved the test last February as part of a fast-track program to get breakthrough technologies to patients more quickly. The major study that led to approval of the test was published in the *Lancet Neurology*.

“Many concussion patients don't seek medical care for their injury, a decision due in part to

the perception that emergency departments have nothing to offer in terms of diagnosis,” says lead study author Jeffrey Bazarian, a professor of emergency medicine at the Medical Center. “The results of this study show that we now have something to offer—a brain biomarker blood test. The ability of this test to predict traumatic injuries on head CT scans will soon allow emergency physicians to provide patients with an unbiased report on the status of their brain.”

The test detects two brain proteins that are present in the blood soon after a hit to the head. The study shows that if the test is negative—meaning that the brain proteins aren't present—it is highly unlikely that a traumatic intracranial injury exists, and a head CT scan can be safely avoided. If the test is positive, a brain injury may be present and the patient should receive a head CT scan to further assess the damage and guide treatment. —Emily Boynton

Lipid Droplets Play Role in Gene Expression

Lipid droplets—microscopic pockets of lipids located inside cells—are “a really hot area of research,” says Michael Welte, professor and chair of biology at Rochester. That's because they have been found to play a role in gene expression. A study led by Welte and published in the journal *eLife* describes how lipid droplets fulfill that role.

Welte used fruit fly embryos to study how lipid droplets influence a set of proteins called histones. If there are too few histones, genes might be expressed that shouldn't be. Too many histones

can cause cells to have trouble dividing their chromosomes.

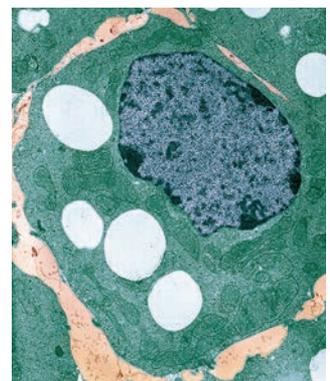
Welte discovered that lipid droplets play an important role in regulating a particular histone called H2Av. Acting like pacemakers, the lipid droplets regulate how fast H2Av enters a cell's nucleus by storing the histone until the nucleus needs it.

Identifying the functions of lipid droplets gives researchers insight into how embryos develop and survive: without lipid droplets regulating H2Av, embryos can become compromised.

The findings could cause

researchers to reconsider how they look at lipid-related diseases. Lipid droplets are dysfunctional in disease states like obesity (too many lipid droplets) or lipodystrophies (too few). “The cause of these diseases—too much or too little fat—has to do with how much lipid you have,” Welte says. “Our work suggests that when looking at these disease states, people also need to look at what happens to the proteins, because these lipid droplets have this second function beyond handling fat.”

—Lindsey Valich



THE LURE OF LIPIDS: Lipid droplets—microscopic pockets of lipids inside cells—are a “hot area of research.”

New Therapy for Hearing Loss?

Researchers have taken an important step toward what may become a new approach to restore hearing loss. In a study published in the *European Journal of Neuroscience*, scientists have been able to regrow sensory hair cells found in the cochlea, a part of the inner ear that converts sound vibrations into electrical signals and can be permanently damaged with age or from noise.

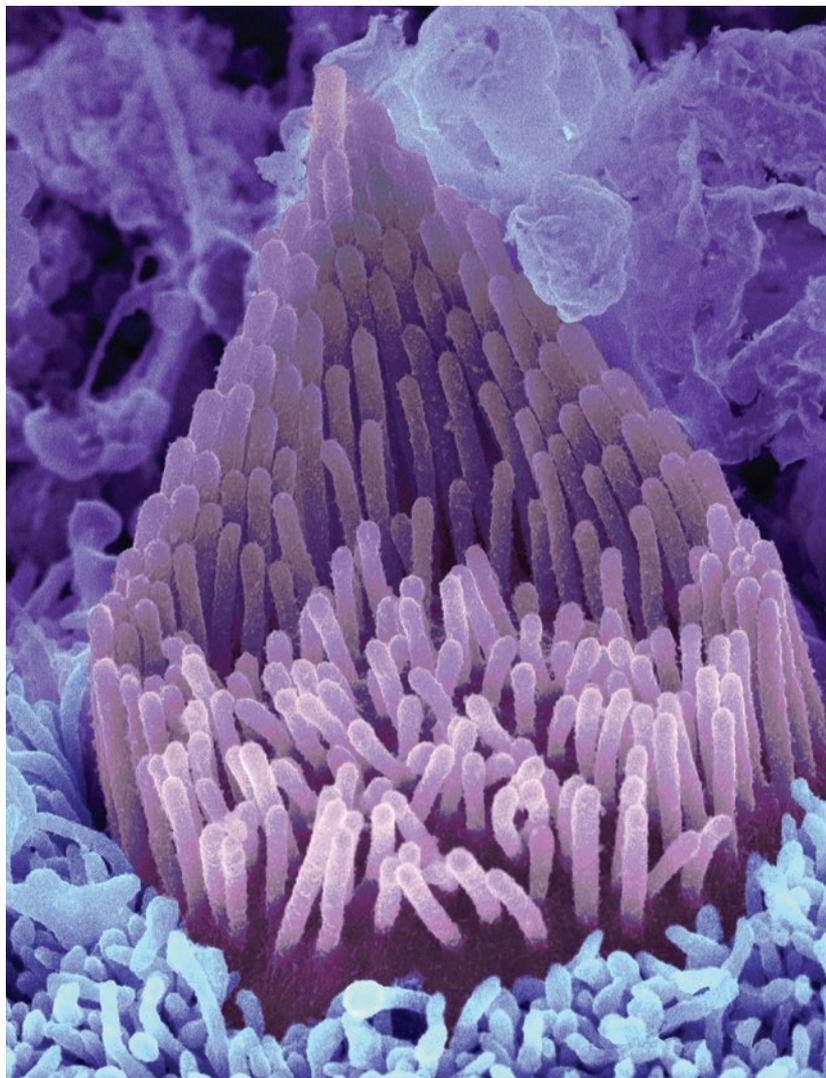
“It’s funny, but mammals are the oddballs in the animal kingdom when it comes to cochlear regeneration,” says Jingyuan Zhang, a postdoctoral associate in neuroscience and the first author of the study. “We’re the only vertebrates that can’t do it.”

In a previous study, Patricia White, a research associate professor at the Del Monte Institute for Neuroscience, identified a family of receptors—called epidermal growth factor (EGF)—responsible for activating support cells in the auditory organs of birds. When triggered, the cells proliferate and foster the generation of new sensory hair cells. She speculated that the signaling pathway could be manipulated to produce a similar result in mammals.

In the new study, she tested that theory, focusing on a specific receptor called ERBB2, which is found in cochlear support cells. White and her team found that activating the ERBB2 pathway led to a proliferation of cochlear support cells, which in turn activated neighboring stem cells to become new sensory hair cells. The process not only could lead to the regeneration of sensory hair cells, but also could support their integration with nerve cells.

The process of repairing hearing is complex, says White. “You have to regenerate sensory hair cells and these cells have to function properly and connect with the necessary network of neurons.” But her research “could represent a new approach to cochlear regeneration and, ultimately, restoration of hearing.”

—Samantha Jean



HAIRS THAT ‘HEAR’: Researchers have regrown hair cells in the cochlea, where sound vibrations are converted into electrical signals, allowing people to hear.

The Rising Rates of End-of-Life Rehab

A new study indicates a growing trend of potentially unnecessary—and harmful—high-intensity rehabilitation services for residents of nursing homes. The study finds that the trend is on the rise for patients in the last 30 days of life, and is especially concentrated in the last seven days.

“This study raises several concerns and questions regarding the scope and intensity of therapy provided to nursing home residents prior to death,” says Helena Temkin-Greener, a professor in the Medical Center’s public health sciences department and

lead author of the study.

The researchers note that financial considerations could play a role in the trend. Nursing home Medicare reimbursement rates are based on the complexity, intensity, and amount of staff time dedicated to care. Patients who receive high levels of rehabilitation services make such facilities eligible for the highest level of reimbursement.

Temkin-Greener and her colleagues analyzed data from 647 nursing homes in New York state. Specifically, they focused on residents who had received very

high to ultrahigh rehabilitation services during the last 30 days of life. They found that the number of residents receiving ultrahigh rehabilitation increased by 65 percent between 2012 and 2015 and that most of the rehabilitation therapy residents received was concentrated in the last seven days of life. They also found a significantly higher use of these services in for-profit nursing homes than in nonprofit homes.

“These are often sick and frail patients in whom the risks of intensive levels of rehabilitation actually outweigh the benefits,”

says Thomas Caprio, a geriatrician at the Medical Center and coauthor of the study.

Temkin-Greener says that if the expansion of the services is “being driven by a failure to recognize that a resident is approaching the end of life, then it calls for improving the skills of nursing home teams. If it is being driven by financial considerations, then regulatory and policy interventions may be necessary.”

The research appears in the *Journal of the American Medical Directors Association*.

—Mark Michaud



THE BALLS IN WHOSE COURT? Stagehands cleared the stage for the Rochester Philharmonic Orchestra to play Haydn's Symphony No. 90.

Ask the Archivist: Who Ping-Punk'd Papa Haydn?

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

In 1967 or '68 my classmate Len Snearowski '71, '75 (MA) and I attended a Rochester Philharmonic concert at Eastman Theatre, conducted by the music director, Laszlo Somogyi. We had good seats in the center orchestra section, just before the overhanging mezzanine. A Haydn symphony was, I believe, the first piece on the program.

At some point during the symphony about a thousand ping-pong balls came raining down on the stage, taking about 30 seconds to fall. The balls, of course, bounced crazily all over the stage, the orchestra, the conductor, and some into the audience. All the blue-haired ladies in the audience gasped. Maestro Somogyi stormed off the stage. Len and I, barely holding in our laughter, just looked at each other open-mouthed, assuming, of course (undergraduates as we were), that it was a terrific prank by Eastman students.

After a long interval, during which stagehands gathered up the ping-pong balls, the conductor returned to the podium and said something like, "I believe Mr. Haydn would want us to continue," receiving a round of applause. The concert resumed, but I never heard or read anything about the incident. So, does anyone reading *Review* know anything about this? Perhaps even one of the culprits?—Joseph Adler '70, Gambier, Ohio

The Eastman Theatre and its audiences have been the target of pranks several times. On Valentine's Day in 1952, it was feathers, dropped to coincide with the cannons of Tchaikovsky's "1812 Overture," conducted by Erich Leinsdorf.

There was a close call in the 1980s, recalled by the then Eastman

School of Music Dean of Students, Paul Burgett '68E, '76E (PhD), in Janice Pieterse's *Our Work Is But Begun*: "University Security and I discovered an electric bubble machine abandoned on the stairs leading to the catwalk, presumably by students whose actions, almost certainly, were interrupted by the threat of detection. A concert was scheduled that evening in the theater. I could only imagine the chaos that bubble machine might have wrought."

And 50 years ago, on October 10, 1968, the infamous ping-pong ball incident stopped the season-opening concert of the Rochester Philharmonic Orchestra. The story was reported in the *Campus Times* (alas, without photographs) and in the Rochester *Democrat and Chronicle*, with slight variations on the theme of the quantity of missiles.

In his "Critic's Corner" column in the *Campus Times*, Larry Fine '74 wrote: "The RPO opened its 1968-69 concert season . . . amidst a rain of 50 or more ping-pong balls which fell from the ceiling of the stage during the first number." The *D&C*'s George Murphy put the number at 100, while a later writer for the same paper marked it down at a mere dozen.

As you note, conductor Laszlo Somogyi resumed the concert, restarting Haydn's Symphony No. 90, continuing on to Debussy's "Prélude à l'après-midi d'un faune" and Dvořák's Symphony No. 9 "From the New World" in the second half. The names of the perpetrator(s) are unrecorded in the Archives.

The University has seen its fair share of pranks: in his biography *Rhees of Rochester*, Professor of English John Rothwell Slater

Need History?

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

reported that a morning chapel in Anderson Hall was subjected to a hidden alarm clock “set to go off during the prayer . . . It worked all right, but the President (Rush Rhees) went right on praying and never cracked a smile. What he prayed for is not known.”

In 1941, the Stagers theater group produced the George S. Kaufman and Moss Hart comedy *You Can't Take It With You*. An editorial in *Tower Times*, the newspaper of the College for Women, described how a record album was played during a love scene and lamps flickered unexpectedly, and then roundly condemned the malefactors: “Students who will deliberately set at naught weeks of work by their fellows have no place in a college.”

Peer pressure is more successful in inciting mischief than preventing it, however. Time and again, the pages of the student newspapers presented good arguments against bad behavior, but to no avail.

As early as July 1874, an editorial observes, “Fun and jokes are well in their way, but from a young man who has completed a collegiate course, we expect something more.”

“Let us be considerate and let's have our fun, but when the pranks will necessitate the expenditure of the University's or others' money, stop,” came the advice in October 13, 1922, unheeded by generations of students who risked the \$100 charge for the removal of paint from the sphinxes in front of Sibley Library (now located on the River Campus).

Many pranks were the result of interclass rivalries. Freshmen would emblazon their class year on a variety of surfaces (like the sphinxes), and literally run it up the Prince Street Campus flag pole on a banner that the sophomores would remove as quickly as possible—if they could. In April 1920, a flag was raised by the Class of 1923, and the rope was stapled to the wooden pole by a climber wearing spiked shoes, resulting in holes “as thick as cheese.” The sophomores cut the other end of the halyard, bringing down both flag and rope. “There is not the slightest objection to hoisting as many 1923's and 1922's as possible up the flagpole; but there is objection to having to pay a man, yearly or oftener, to climb the pole and to having the pole subject to decay . . . merely with carelessness.”

The most dangerous pranks for both the prankster and the individual who must undo the “joke” have involved high altitudes: on the River Campus, the top of Rush Rhees Library has been adorned with a Christmas tree and, on April 1, 1980—a date sacred to pranksters everywhere—a McDonald's flag.

When it comes to pranks, some Rochester students have followed the educational concept of “see one, do one, teach one.” Several pages in the 1890 *Interpres* yearbook are devoted to a series of “Hallo'een and After” pranks presented in the form of a play, ranging from the perennial painting of the sphinxes to greasing blackboards.

In 1982, an ad appeared in an April 1 issue of *Rolling Stone* magazine for a *Freshman's Guide to College Pranks*, written by 1982 classmates Greg Seminara and Brad Wolfson. The ad itself was initially considered a prank, but 300 copies were ordered and apparently fulfilled. No copy exists in the University Archives.

In 1928, the wooden flagpole was replaced with a steel one, and as the River Campus grew into reality, some of the more destructive traditions were abandoned, perhaps so as not to mar the new campus. And when the time came to abandon the Prince Street Campus buildings in 1955, the Board of Trustees voted to have the sphinxes transferred to their present location between the doors of Morey and Lattimore, facing the Residential Quadrangle, noting “these rather whimsical sculptures are part of the tradition of the old campus and beloved by considerable numbers of students and alumni.”

To read Larry Fine's review of the RPO, the 1890 *Interpres*, and more, visit <https://rbscp.lib.rochester.edu/blog/ATA-Fall2018>.



POLE-AXED: Security cameras and alarms now deter would-be flag-pole climbers, where editorials—and common sense—formerly failed, as in this April Fools' Day incident in 1980.



THE SPHINX'S RIDDLE: Librarian Marian Allen, Class of 1925, and her dog relax beside an unpranked sphinx outside of Sibley Hall on the Prince Street Campus, circa 1940.

HUMANITIES PROJECT

Rochester Premieres Recovered Landmark Opera

An influential comic opera was given a full performance with its original score for the first time since the 18th century in a production organized this fall by the Department of English and colleagues from other universities.

Love in a Village, a 1762 English comic opera credited with introducing theatergoers to many conventions of modern musicals, was center stage as part of the annual meeting of the Northeast American Society for Eighteenth-Century Studies, hosted by Rochester.

In its day, *Love in a Village*, a collaboration between playwright

Isaac Bickerstaff and composer Thomas Arne, was performed more often than Shakespeare's tragedies and held the interest of audiences for longer than any of its comedy rivals from the period. Performed in cities around the globe until the mid-19th century, *Love in a Village* fell off the cultural map as audiences' taste for the genre waned.

Katherine Mannheimer, an associate professor of English who specializes in 18th-century British literature, helped lead the production, which was also part of the University's Humanities Projects for the 2018-19 year.



LOVELY: A once wildly popular English comic opera had the first performance since the 18th century of its recently regained full score.



MEDICAL LEADER: Mark Taubman will begin a second term as dean.

Taubman Reappointed as Medicine Dean

Mark Taubman, who has served as CEO of the Medical Center since 2015 and as dean of the School of Medicine and Dentistry since 2010, has been reappointed as dean of the medical school.

Also the senior vice president for health sciences and CEO of UR Medicine, the University's health care network, Taubman is the first person in the history of the Medical Center to serve as both dean and CEO.

The University's Board of Trustees approved the reappointment during its October meeting.

Rochester: National Center of Excellence for Parkinson's Research

The University has been selected as a Morris K. Udall Center of Excellence in Parkinson's Disease Research by the National Institute of Neurological Disorders and Stroke. The \$9.2 million award is designed to bring together researchers from industry and multiple academic institutions to develop digital tools to better

understand the disease, engage broad populations in research, and accelerate the development of new treatments for Parkinson's disease. Neurologist Ray Dorsey, the director of the Center for Health + Technology (CHeT) and the David M. Levy Professor in Neurology, is the principal investigator of the new center.

New Director of Anthony Institute Named

Kristin Doughty, associate professor of anthropology, has been named director of the Susan B. Anthony Institute for Gender, Sexuality, and Women's Studies. She succeeds Nora Rubel, the Jane and Alan Batkin Professor of Jewish Studies and chair of the Department of Religion and Classics.

Doughty, who joined the faculty in 2012, has served for the past three years on the institute's steering committee. The institute sponsors faculty research seminars, conferences, mentorship seminars, and annual public lecture series, along with offering undergraduate majors,



DIRECTOR: Kristin Doughty will lead the Anthony Institute.

minors, and clusters in gender, sexuality, and women's studies in both the humanities and the social sciences.

Mt. Hope Family Center to Establish National Center

The University's Mt. Hope Family Center, in conjunction with the University of Minnesota's Institute for Translational Research in Children's Mental Health, has received a multimillion-dollar grant to create a national center for child maltreatment studies, becoming one of only three academic institutional partnerships in the United States to receive the award from the National Institutes of Health.

NIH selected Rochester and Minnesota to receive an \$8.39 million award over five years to support the center as a national resource for child maltreatment prevention research and training. The principal investigators are Sheree Toth, a Rochester professor of psychology and psychiatry, who is also the executive director of the Mt. Hope Family Center, and Dante Cicchetti, who was the founding director of Mt. Hope before joining Minnesota, where he is the McKnight Presidential Chair and William Harris Professor and research director of the Minnesota center.

MEMORIAL ART GALLERY: MEET A DOCENT

Hannelore (Honey) Heyer '52 wants to help people decipher what they see.

Interview by Robin L. Flanigan

You're 88 now and have been a docent for 56 years. That's really impressive, by the way. What was life like when you started giving tours?

It was an interesting time. What a pleasure something like this was for somebody who was raising kids at home. I'd switch babysitting [duties] with our neighbor when she went off to volunteer someplace. That was the way it was in the 1950s.

Where does your interest in art come from?

I grew up with art in my house—there were always a couple of paintings—even though I was a middle-class kid. When my parents died, I went to live with my father's employer and they had some New England art, some beautiful watercolors. Then in college I took art history classes. It went right through my chest when we got to something that was so seminal that I hadn't thought about before.

How do you help people appreciate a work of art?

I tell them, "You always know more than you think because you've got your eyes." I pick something they can recognize easily, then start with simple questions like, "What do you notice first?" You have to help them digest something before you get to the next level. Perspective is very important in a landscape painting, so I tell them that where they stand is going to make a difference.

Art is highly subjective, and some pieces are more accessible than others. How do you approach the ones that are more complicated to interpret?

Even in an abstract painting there can be a small thing that stands out. It might not be as big as my fingernail, but your eye may go to a little spark of red. If you stand and look at a painting, if you really started looking and thinking, five minutes is not enough. But usually you don't have that kind of luxury.

How do you judge how long to stay at each painting?

It's hard for me to do that because I don't judge people easily right away. In the beginning it was really laid out what we had to do, but when I start out now, I do have to quickly size them up.

Do the museum's visitors ever teach you anything?

Occasionally they know more than I do. They

give me an insight and I think, "God, that's great. I think I should use that." I can always learn, so people can tell me anything. They can even tell me if they don't like what I'm doing. I'm very conciliatory.

Given how much time you spend researching certain pieces of work, has your relationship with art gotten deeper and more meaningful over time?

There have been some pieces that have made my heart thump. Once in a while you know you've seen something that was really right, and that's a thrill. It goes right through you.

Does that happen most often while on the clock or on your own time?

A lot of times you're tied to a schedule, asking questions and giving basic facts. But when you're on your own, wandering through the gallery, you can discover something. It could be a flick of paint, or a particular brush stroke. Sometimes there's just a label next to a painting and no other explanation, and you're on your own, and a little light bulb goes on.

You know the Memorial Art Gallery inside and out. Name one not-to-be-missed spot.

The upstairs, where the Fountain Court is. Architecturally, it's a gorgeous neoclassical space. Structurally, it's the biggest part of the gallery, and other galleries spin off it by historical period.

Do you ever think about how you'd be represented in a piece of art?

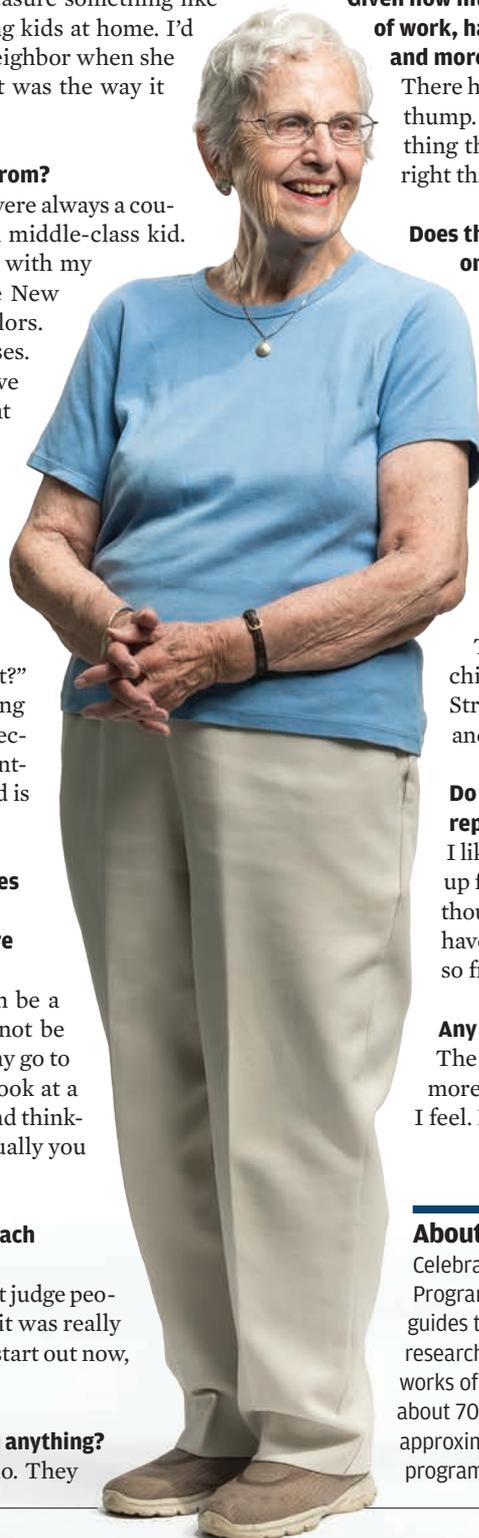
I like contemporary art, but I wouldn't want to end up fractured, so I wouldn't want to be in a Picasso, though it would be interesting. He probably would have my mouth wide open or my mouth floating so free-form that you could hardly deconstruct it.

Any final thoughts?

The more you look, the more you learn, and the more you learn, the more you will look. That's how I feel. I don't care if it's grass. 

About the Docent Program

Celebrating its 50th anniversary this year, the Docent Program at the Memorial Art Gallery puts volunteer guides through extensive training, education, and research to help museum visitors view and react to works of art more carefully and critically. There are about 70 active docents today and another group, approximately half that size, who participate in the program's activities but no longer give tours.



MILESTONE MOMENTS

‘WRUR is on the Air’

Since its founding in 1948, WRUR has offered students valuable training and an open canvas for creativity and expression.

By Karen McCally '02 (PhD)

Rock on, WRUR.

The radio station that began on a small corner of the River Campus, in the basement of Burton Hall, is now 70 years old.

What might be said about radio in general could also be said about WRUR: it has shown remarkable persistence. It survived the rise of television, thrived in the age of the VCR, and found new life in the 21st century, as first the internet, and then social media, threatened its eclipse.

Ray Ettington '51, station manager in his senior year, says WRUR helped him get over stage fright. Having begun as a newsreader and voice actor, he says that to this day, “I attribute my successful 36-year career in IBM sales and marketing to the selling and public speaking skills I learned at WRUR.”

The station began as a primitive enterprise, transmitting programming through a series of electrical wires strung through the underbellies of campus buildings. Jim Carrier '66 helped bring the station into the FM era.

“I’ve had a wonderfully productive and adventurous life,” he told Melissa Mead, the John M. and Barbara Keil University Archivist, in 2016. “And it all began in the basement of Todd Union.”

The station has evolved with each generation. Carrie Taschman '18, the co-general manager during her senior year, says, “The nice thing about radio is that it can be what you want.” Perhaps that’s one reason for the station’s longevity. Students have been able to devise programs featuring every variety of music, local and national news and information, live theater, sports, and coverage of campus events and personalities distinctive to each era.

There’s one more song that has remained the same. That’s the commitment of the student DJs, engineers, managers, and others who make the station run.

“A lot is ending,” said co-general manager Toby Kashket '18, upon her graduation last year. But, speaking for both herself and Taschman, “we know that if we’re coming back to visit school, WRUR will be the first place.”

Find a multimedia history of WRUR at Rochester.edu/news/wrur/. Through recollections, sound clips from the Archives, video and audio interviews, and written sources, the site brings the station’s past and present to life.

Turning on and Tuning in

Over seven decades WRUR has gone from a fledgling project initiated by a small group of students to a thriving organization—at times in its history it has been the largest extracurricular activity, in terms of numbers of participants, in the College.



1946 1947 1948 1949 1951

Work on the studio in 16 Burton Hall is completed and a business office is set up in Todd Union. On February 10, at 8 p.m., WRUR launches its first broadcast, live from Strong Auditorium.

Kenn Hubel '50 (right) leads his jazz quartet of (from left) George Hart '48, Ed Gordon '52E, '53E (MM), and Fred Remington '50 during WRUR’s inaugural broadcast on February 10, 1948.



1953 1954 1955 1956 1957

The Colleges for Men and Women merge, and a new WRUR studio opens in Todd Union. With approximately 80 students involved as engineers, broadcasters, or in the business office, WRUR is the largest extracurricular activity in the College.

Named station manager of a newly unified WRUR, Ann Dalrymple '56 is at the helm in 1955, with (from left) Gordon Spencer '57, '63 (PhD), Dave Anderson '57, '63W (MA), Barry Robinson '57, and Ron Coplton '56.

1961 1962 1963 1964 1965 1966 1967 1968

WRUR undertakes the most comprehensive listener survey to date and is found to be the second most popular local AM station, behind WBBF. The most popular WRUR programs are broadcasts of away games, with home games, jazz, and live concerts ranking highly as well. The following year, in response to student demand, the station increases time allotted to folk music and begins broadcasting rock and roll for the first time.



Jesse Finkelstein '77 presents "Back-to-Back Bach" in 1974.



Chief engineer Barry Robinson '57 checks equipment in the control room in November 1955.

1965 1966 1967 1

At 7 p.m. on March 6, WRUR-FM launches. WRUR-AM continues, broadcasting "primarily rock and roll music."

1969 1970 1971 1

On February 6, WRUR-FM begins broadcasting in stereo at 20,000 watts, extending its reach throughout Monroe County. Eleven days later, after complaints from the chemistry department about interference with experiments (the department was then located in Lattimore Hall, adjacent to WRUR's Todd Union studio), the station drops its power to 970 watts, where it remains until 1993.

1985 1986 1987 1

Smack in the middle of the decade often considered the heyday of college radio, the station enjoys the largest budget of any extracurricular activity (\$40k), has a roster of about 150 students, and broadcasts for 20 hours a day, 365 days a year.

Toby Kashket '18 (left) and Carrie Taschman '18 hosted a show together on WRUR for four years and were co-general managers their senior year.

1992 1993 1994 1

A new transmitter interferes with Monroe County's 911 emergency system. To preserve the safety of the community, WRUR-FM goes off the air for much of the 1993-94 academic year.

2002 2003 2004 2

WRUR and WXXI form a partnership. The WRUR antenna moves to Pinnacle Hill, in the southeast quadrant of the city, increasing the station's range to a 50-mile radius.

2008 2009 2010 2

Supplementing WRUR-FM, the station launches the internet-only station, The Sting.

BY THE NUMBERS

Measures of Success

Since the 1998-99 season, when George VanderZwaag was named director of athletics and recreation, the Yellowjackets have found success both in athletics and academics. Here's a look at some of the numbers:

1 College World Series, when the softball team was one of eight finalists in 2014

5 Appearances by men's and women's basketball in the Final Four

60 Students who have earned Academic All-America honors from College Sports Information Directors Association (CoSIDA)

63 Teams that have won conference championships

160 Teams that have been nationally ranked

129 Teams that have advanced to postseason play

146 Teams that have been recognized with academic honors by their coaching associations

151 Students who have earned All-America honors

4 Individual national championships:

2006 Stephen Goodridge '08, in golf

2017 Kylee Bartlett '19, who won the pentathlon at the women's indoor track and field championships in March and the heptathlon at the outdoor meet in May

2018 Kylee Bartlett '19, who won the heptathlon at the women's outdoor track and field championships in May
—Dennis O'Donnell



EVER BETTER: “For me, this is about trying to achieve excellence in everything you do—that’s what the great universities strive for,” says VanderZwaag of his tenure as Rochester’s director of athletics and recreation.

Q&A

Athletics and Academics: Seasons of Success

George VanderZwaag begins his 20th year leading Rochester’s athletics and recreation programs.

Interview by Dennis O’Donnell

When George VanderZwaag arrived in Rochester from Princeton in the fall of 1998, he could only tour the site of what would become the Goergen Athletic Center.

But the new athletic director was impressed by plans for the 200,000-square-foot home base for athletic and recreational activities that was formally dedicated during the University’s sesquicentennial celebration in 2000. Completely renovated and expanded, the building signaled Rochester’s commitment to providing an athletic experience that matched its academic excellence, VanderZwaag noted.

“For me, this is about trying to achieve excellence in everything you do—that’s what the great universities strive for—and that’s what the Goergen Center represents,” VanderZwaag said of the building, named in recognition of the support of University Trustee and Board Chair Emeritus Robert Goergen ’60. “The overall goal of the College is to provide a quality undergraduate education, and this is a step in reaffirming that commitment to provide a quality undergraduate experience.”

Two decades later, VanderZwaag is the executive director of athletics, where he oversees 23 varsity programs, led by athletes and teams that have earned academic as well as athletic accolades. Along the way, he’s helped the department grow into new and renovated facilities.

In October, VanderZwaag was appointed to the advisory board for the Sports Law and Business Program at Arizona State University, a national board that includes some of the most accomplished experts from the world of sports.

What pleases you the most about your time at Rochester?

I am really pleased with our overall program and facility development. We have extremely successful programs on both the varsity and recreational sides. We have been able to develop the resources to invest in our facilities, build a strong staff, and support them toward their professional goals. All of this positions us to be an attractive institution for the best students from around the world.

What expectations did you have of the coaching and athletic staff before arriving here?

That they would be committed to their roles as educators, first and foremost. That they were committed to putting in the work to develop our programs in way that reflected positively on the institution and in a way that clearly supported the educational mission.

In the first couple of years, what were the challenges?

The facilities were in need of an overhaul, varsity teams were not having much success, women's programs were grossly underdeveloped, recreational offerings were limited, and our recruiting did not reflect well on the institution—those were our main challenges.

Those needed long-term solutions. How did you proceed?

The Goergen Athletic Center was the starting point. It was a statement that the University cared about athletics within the residential college experience. We needed to be clear about who were as a department and how our work aligned with the larger strategic goals. We also needed to invest more heavily in our people and programs. An important next step was to fill positions on a full-time basis to allow us to build programs and recruit students in a manner that reflected positively on the University. We also needed to develop resources to support our work, particularly in being more national in our recruiting focus.

During your tenure, you worked to align the department with the College. Why was that important?

The College had a well-developed strategic plan and I saw opportunities to align our goals for excellence in the educational process with the larger goals for undergraduate education. It allowed me to partner with the academic leadership to define more clearly why athletics matters in the educational process and develop a plan to achieve our goals.

By 2003-04, our teams were in the top 20 percent in measures of national standing and success. Was that anticipated?

Our competitive level has risen over the years, which is a reflection of the many changes in support and approach to athletics. I wouldn't call it an anticipated result as much as a validation of our belief that we could support athletics at the University at a

higher level, and athletics could, in turn, support the University at a higher level. I believe that quality begets quality. So, in that regard, I guess you could say that I anticipated national success because the institution is built on the ethos of national success.

In 20 years, there must also have been some very challenging situations as well. Not just in competition but in the lives of students and staff. How have those situations affected your approach to working with students and with your staff?

It's always about the people. So, their challenges become your challenges and every situation is unique. We are privileged to work with the students at this University. They are incredibly talented and capable of great things. My approach is to support them as best we can to achieve their goals. That process is messy. We push them harder than they want to be pushed. They sometimes don't understand their own limits or capabilities. But our job is to help them learn and develop. That's what we do.

What's been the effect of the enhancements to the facilities?

We have touched every part of our facilities, inside and out, over the course of 20 years. It represents over \$50 million in investment. This has provided us high-quality space and has positioned us to support the University by developing strong programs that are attractive to many outstanding students. Of course, this could not have been possible without leadership and support from alumni and trustees like Bob Goergen, Ed Hajim '58, Brian Prince '86, '89S (MBA), Chris Boehning '87, '88 (MS), Steve '92 and Liz Biggar '92, and many others.

What's next—facilities, additional sports, people?

We're not anticipating much expansion of facilities and programs. We have a very large program compared to our peers. We have achieved full compliance with Title IX in terms of gender proportionality. We have space limitations, which factors into opportunities for program growth. We continue to develop our existing programs and make investments in our existing facilities. Resources and people make that happen. So, it continues to be about having the strongest staff possible and supporting them as best we can toward our goal of attracting the strongest students to the University. 📍



ATHLETICS HISTORY

Newest Members of Athletic Hall of Fame

SUCCESSFUL SEASONS: Six former students and one coach who helped Rochester achieve regional and national success were inducted into the University's Athletic Hall of Fame this fall. The 2018 inductees are (back row) Timothy Londergan '65 (baseball, squash, tennis), Michael Neer '88W (MS) (men's basketball coach for 34 years), Gregory Krohner '91 (basketball), and Joseph Ferrauilo '89 (football); (front row) Jennifer Seferiadis Fitzpatrick '02 (soccer, lacrosse, basketball), Julian Premus '84 (soccer), and Lori Chan Sinn '99 (lacrosse).

—Dennis O'Donnell

Love AT FIRST Light

Donna Strickland '89 (PhD), a self-described “laser jock,” receives the Nobel Prize, along with her advisor, Gérard Mourou, for work they did at the Laboratory for Laser Energetics.

By Lindsey Valich

Donna Strickland '89 (PhD) still recalls the visit she took to the Ontario Science Centre when she was a child growing up in the town of Guelph, outside Toronto. Her father pointed to a laser display. “Donna, this is the way of the future,” Strickland remembers him telling her.

Lloyd Strickland, an electrical engineer, along with Donna’s mother, sister, and brother, was part of the family that “continually supported and encouraged me through all my years of education,” Donna Strickland wrote in the acknowledgments of her PhD thesis, “Development of an Ultra-Bright Laser and an Application to Multi-Photon Ionization.”

She was captivated by that laser display. And since then, she says, “I’ve always thought lasers were cool.”

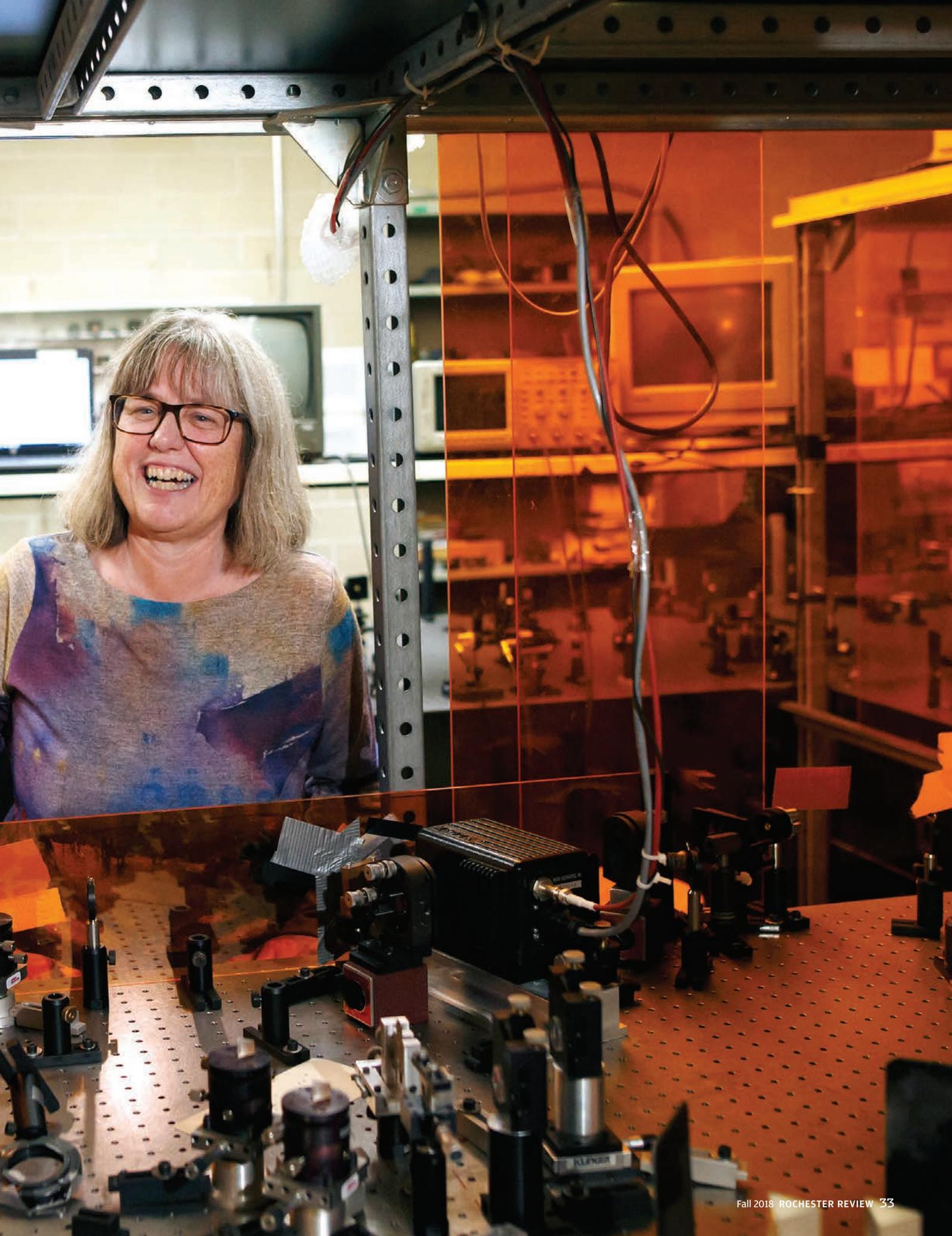
Her passion for laser science research and her commitment to being a “laser jock,” as she has called herself, has led her across North America, from Canada to the United States and back again. But it’s the work that she did as a graduate student at Rochester in the 1980s that has earned her the remarkable accolade of Nobel Prize laureate.

When Strickland entered the University’s graduate program in optics, laser physicists were grappling with a thorny problem: how could they create ultrashort, high-intensity laser pulses that wouldn’t destroy the very material the laser was used to explore in the first place?

Working with former Rochester engineering professor Gérard Mourou, Strickland developed and made workable a method to overcome the barrier. They called it “chirped pulse amplification.” The groundbreaking research was recognized this fall by the Nobel Prize committee with the 2018 Nobel Prize in Physics.

Strickland, now at the University of Waterloo in Canada, and Mourou, now at the École Polytechnique in France, share one half of the prize. The other half of this year’s award went to renowned physicist

NOBEL PURSUITS: Strickland, pictured in her laboratory at the University of Waterloo, has been captivated by lasers since childhood. “I’ve always had fun playing with them,” she says. “I do often think of it as playing, not work.”



Rochester's Nobel Laureates

Twelve people with ties to Rochester— alumni, faculty members, and former faculty members—have been named Nobel laureates across a range of categories that includes physics, medicine or physiology, and economics.

2018 Prize in Physics: Donna Strickland '89 (PhD) and Gérard Mourou, who developed a way to amplify the power of lasers, ushering in applications in medicine, optics, imaging, research, and other areas. Carried out at Rochester's Laboratory for Laser Energetics, the work formed the basis of Strickland's doctoral dissertation, with Mourou as her advisor.

2018 Prize in Economic Sciences: Paul Romer, a former assistant professor of economics at Rochester, was recognized as a pioneer in developing ways to better understand how technology influences economic decision making.

2017 Prize in Economic Sciences: Richard Thaler '74 (PhD), a founder of the discipline of behavioral economics.

2002 Nobel Prize in Physics: Masatoshi Koshihara '55 (PhD), a physicist who led work to detect the subatomic particles known as neutrinos.

1997 Nobel Prize in Physics: Physicist and former Secretary of Energy Steven Chu '70, who developed methods to cool and trap atoms with laser light.

1993 Nobel Prize in Economic Sciences Robert Fogel, a member of the Rochester economics faculty in the 1960s and 1970s, pioneered quantitative analyses of social history.

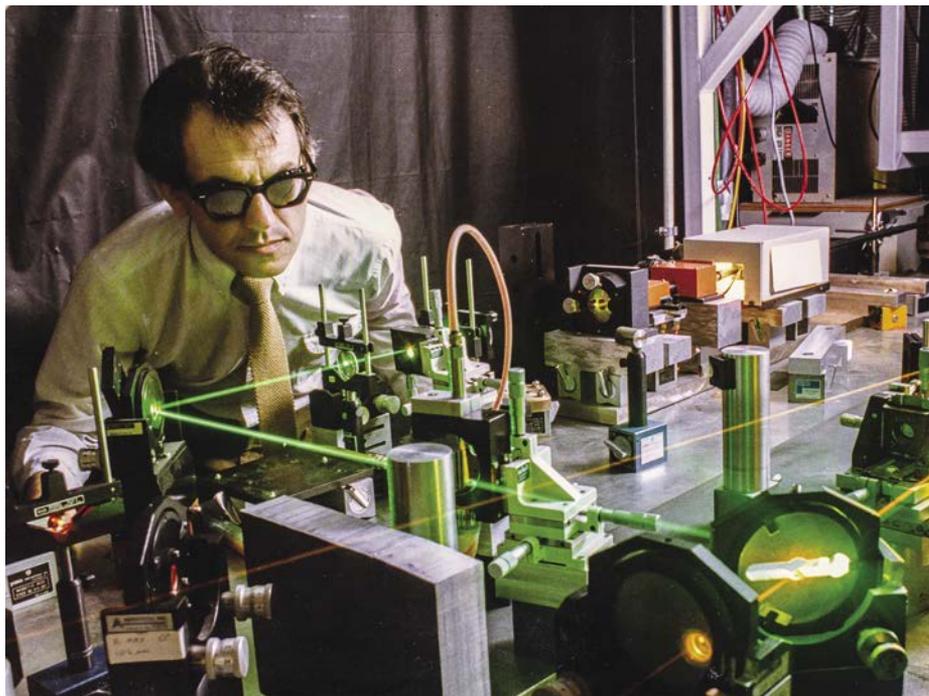
1976 Nobel Prize in Physiology or Medicine: Carleton Gajdusek '43, who is credited with discovering the infectious disease mechanism of prions.

1959 Nobel Prize in Physiology or Medicine: Arthur Kornberg '41M (MD), who first discovered a way to synthesize DNA.

1955 Nobel Prize in Chemistry: Vincent du Vigneaud '27 (PhD), a biochemist, for research on sulfur-containing compounds.

1943 Nobel Prize in Physiology or Medicine: Biochemist Henrick Dam for his discovery of vitamin K.

1934 Nobel Prize in Physiology or Medicine: George Whipple, founding dean of School of Medicine and Dentistry, for his work to develop a therapy for anemia.



LASER FOCUS: Mourou, pictured in 1987 in Rochester's Laboratory for Laser Energetics, calls research a passion. "Science is not a 9-to-5 job," he says. "It's something you think about all the time."

Arthur Ashkin of Bell Laboratories for his work to develop an equally field-changing way to use light, a technique known as "optical tweezers." The technique involves using lasers to cool atoms to a temperature where they can be studied individually. Results of the work done at Bell Laboratories were first published in 1986 and included contributions by Steven Chu '70, who went on to win his own Nobel Prize in Physics in 1997.

Strickland's selection for the Nobel Prize was newsworthy for an additional reason: she was the first woman laureate in physics since 1963 and only the third since Marie Curie received the prize in 1903.

Into the Limelight

The problem Strickland and Mourou overcame was one that would have ignited the imagination of any physicist who, like Strickland, experiences scientific discovery as a form of play. When it comes to lasers, she says, "I've always had fun playing with them. I do often think of it as playing, not work."

But their solution had important practical ramifications. In the 30 years since Strickland and Mourou conducted the research, chirped pulse amplification has made it possible to use lasers effectively in a wide range of medical, scientific, and commercial applications.

"Gérard Mourou and Donna Strickland invented a laser technique that transformed laser technology and continues to have lasting impacts on society," says Wendi Heinzelman, dean of the Hajim School of Engineering & Applied Sciences.

Strickland has been getting used to the limelight. And as she told the British publication the *Guardian*, she doesn't like too much focus to be placed on her gender. The fact that she is only the third woman ever to receive the physics Nobel—joining Curie, who received the prize for research on radiation, and Maria Goeppert-Mayer, who won in 1963 for discoveries concerning nuclear structure—is much less interesting to her than the science that earned her the award.

But many observers point out that, prior to winning the Nobel, Strickland was under-recognized, given the significance of her contribution.

"I hope and believe the awarding of the Nobel Prize in Physics this year begins a trend where more women are recognized for their seminal contributions in science and engineering," says Heinzelman.

A Nobel Collaboration

Strickland received her undergraduate degree at McMaster University in Ontario, and came to Rochester for her graduate degree because of the University's reputation as one of the top schools globally for studying optics and light. One day on campus, a fellow graduate student mentioned the lab of Gérard Mourou.

“I told someone at the Institute of Optics that I wanted to study lasers, and he said, ‘I know just the guy you’ll want to work with,’” Strickland recounts. As she told the University of Waterloo, when she walked into Mourou’s lab at the Laboratory for Laser Energetics, “it was full of these red and green lasers. I just said, ‘Oh my God. It’s like working around a Christmas tree all the time. How fabulous is that?’”

As laser science grew as a discipline in the 1980s, researchers were incrementally increasing the intensity of laser pulses, resulting in damage to the amplifying material. Mourou had come up with an idea to clear the hurdle by perfecting the technique known as chirped pulse amplification. The technique involved a three-part sequence: stretching a laser pulse thousands of times so that the power was low; amplifying the pulse to higher intensities; and then compressing the pulse in time back to its exact original duration.

Mourou knew the pulse needed to be perfectly compressed, yet still retain its amplification, in order to make the technique work more effectively. “If you can do it exactly, then you can go to much higher power,” Mourou says.

He had the idea to put amplification in the middle of the process—a novel concept at the time, according to Strickland. “Different people were trying to get short pulses amplified in different ways, but it was thinking outside the box to stretch first and then amplify,” she says.

Chirped pulse amplification, however, was only a theory. Strickland and Mourou still had to make it work. At the LLE, Strickland tested different laser systems to create laser pulses that were short and high powered, but that wouldn’t destroy the amplifying material. In 1985, she succeeded, demonstrating the stunning advance in laser power with the table-top terawatt laser, or “T-cubed laser.”

At the time, Strickland didn’t recognize the research would interest an audience outside the laser-physics community: “I was aware that it was going to be big for scientists working in high-intensity laser physics,” she says, “but I didn’t know it would have relevance for the general public so quickly.”

Changing the Field of Laser Science

Chirped pulse amplification has since paved the way for the shortest and most intense laser pulses ever created, making it possible to build more compact and precise laser systems.

“Gerard’s original motivation was to take a football field-sized laser and compress it down to the size of a tabletop,” says Wayne Knox, professor of optics and former Institute of Optics director, who was Mourou’s first PhD student and worked in his Ultra-Fast Laser Group. “Now we’ve compressed them even further. I have in my lab a laser the size of a bread box that uses this technology.”

Making the accelerators more compact, yet powerful, changed the field of laser science by allowing laser technologies to be used more broadly, especially in medical settings. Chirped pulse amplification is instrumental, for example, in laser eye surgeries such as Lasik, to quickly slice open the lens of an eye without damaging the surrounding tissue. It’s used to accelerate protons in proton therapies to treat deep-tissue tumors, like those that develop in the brain. Beyond its medical applications, chirped pulse amplification is important in more precise machining of materials such as the cover glass used in smartphones. Mourou has also developed a technique to treat radioactive waste using the technology.

But the technique is also essential in basic physics research. Today, Strickland and Mourou’s discovery continues to help shape the direction of research in high-powered lasers of the kind housed at the LLE, says Mike Campbell, director of the laboratory. “The development of chirped pulse amplification by Gérard and Donna has created numerous new applications in science and industry and has catalyzed research around the world in high-peak-power lasers.”

Scientists use ultrafast lasers to create the extreme conditions found in space, allowing them to study star formation and the inner workings of distant planets. The technique also allows physicists to take ultrafast images of split-second processes at the molecular level in order to study how atoms behave.

“CPA is really a fundamental advance,” says Jonathan Zuegel, senior scientist at the LLE and director for laser development and engineering.

Interestingly, despite her seminal contribution, Strickland still wears glasses. As she told the *Guardian*, she refuses to get the corrective eye surgery made possible by her laser research: “I have great faith in lasers, but no one’s putting one near my eye.”

For his part, Mourou hopes to encourage even more students in the field of ultrafast laser science to pursue their scientific interests.

“It’s amazing when you think about it, because this Nobel-winning work was Donna’s thesis,” he says. “One thing about research is that it is a passion. Science is not a 9-to-5 job; it’s something you think about all the time, and it’s very demanding.”

And, as he and Strickland found, “You have to work hard at it, and you have to love it.” **R**

ECONOMICS PRIZE

Understanding the Costs of Innovation

A former economics professor shares the Nobel Prize.

Paul Romer, a former assistant professor of economics at Rochester and now a professor at New York University, has been named a recipient of this year’s Nobel Prize in Economic Sciences.

An assistant professor of economics at Rochester from 1982 to 1988, Romer shared the award with William Nordhaus, a professor of economics at Yale University.

In making the announcement in October, the Royal Swedish Academy of Science recognized Romer for his work on the economics of technological change, research that was first outlined in a 1990 paper.



THE TIDE OF TECH: Romer was awarded the Nobel Prize in economics for work he began as a faculty member at Rochester on incentivizing technological innovation.

Mark Bills, the Hazel Fyfe Professor in Economics who briefly worked with Romer in Rochester, says the paper, “Endogenous Technological Change,” was written while Romer was at the University.

“Paul wrestled with how firms get rewarded for the high upfront costs of innovating,” Bills says. “Paul’s answer, that the return to research requires market power and possibly government incentives, freed the growth literature to incorporate how technology grows, not just how physical and human capital accumulate.”

After Rochester, Romer went on to appointments at the University of Chicago, the University of California at Berkeley, and Stanford University before his appointment at NYU’s Stern School of Business. He earned his PhD from the University of Chicago in 1983.

—Peter Iglinski '17 (MA)



MELIORA WEEKEND 2018

Marvelous Meliora!

A record-breaking Meliora Weekend brings together alumni, students, parents, faculty, and friends to celebrate their connections to the University.

CLASS SPIRIT: Members of the Class of 2022—Kevin Tamarima-Salinas, Anastasia Taleck, Quame Wright-Beckles, and Renae Whittington (above)—get into the school spirit in the Meliora Village.



KEYNOTE STORY: Award-winning journalist and producer Soledad O'Brien (left) emphasized the importance of storytelling—and of a diversity of stories and storytellers—during her keynote address. “We have an obligation to hear people’s stories and maybe even more importantly to share our own stories. I don’t know if we can move forward as a community if we don’t do that,” she told a packed Palestra.



VOTING FOR VOTING: MSNBC political analyst and former Republican National Committee chair Michael Steele stops by a voter registration table to talk with Prashanta Augustine '19, Merve Gulbay '20, and Hager Elkhidir '21. As part of his presentation, Steele urged people in the audience to vote, elevate good candidates, and stay engaged after elections take place.



SIGNS OF MELIORA: The weekend's signature Meliora sign was a photo-worthy backdrop for students, friends, and families like Laconnie Taylor-Jones and her daughter, Caryn Jones '20.

HEADLINER: Vocalist China Forbes and the rest of the ensemble Pink Martini brought their unique blend of classical, jazz, and pop to Kodak Hall at Eastman Theatre.



HOMECOMING: Dave Ragusa '68 (opposite) flips the coin before Rochester's homecoming football game against St. Lawrence University. Ragusa and other members of the 50th reunion class—Larry Brodney, John Norris, Guy Bailey, and John Dunnigan—served as honorary captains for the game, which the Saints won 38-24.



HOME TO HOGWARTS? “On my way over here I heard a professor refer to freshmen as first-years, and I thought to myself, ‘Am I at Hogwarts?’” comedian and actress Nasim Pedrad (right), best known for her work on *Saturday Night Live*, told the audience during her performance in the Palestra. “I half expected to see kids walking with broomsticks ... and then I did! Because you guys have a quidditch team!”



‘HIP-HOP HISTORIAN’: Pulitzer Prize-winning writer Ron Chernow talks with Joanna Scott, the Roswell Smith Burrows Professor of English, as part of Chernow's talk on his 2018 biography of Ulysses S. Grant. “I have used my books, not necessarily to write about a person, but as prisms to view a period,” he said. Chernow, who also wrote a biography of Alexander Hamilton that inspired Lin-Manuel Miranda's Broadway musical, noted that since the musical, “I'm known as the hip-hop historian.”



STUDIO STUDIES: Rebeca Tomas '98 (at right) was joined by Laura Peralta and Elisabet Torras and other members of her A Palo Seco Flamenco Company for a performance in Spurrier Hall's dance studio.





PRIVACY PANEL: Legal commentator and scholar Arthur Miller '56, '08 (Honorary) leads a discussion of the ethical, economic, and personal impact of data, privacy, and technology during his annual Miller's Court panel. This year's panelists included (left to right) Mark Zaid '89, founding and managing partner, Mark S. Zaid PC; Bruce Schneier '84, a special advisor to IBM Security; Cheryl Howard '83, senior data scientist at IBM; Randall Curren, a professor and chair of the Department of Philosophy; Thomas Barnett, chief information officer at the Medical Center; and Emily Trapani '14, a professional staff member for the House Committee on Homeland Security.



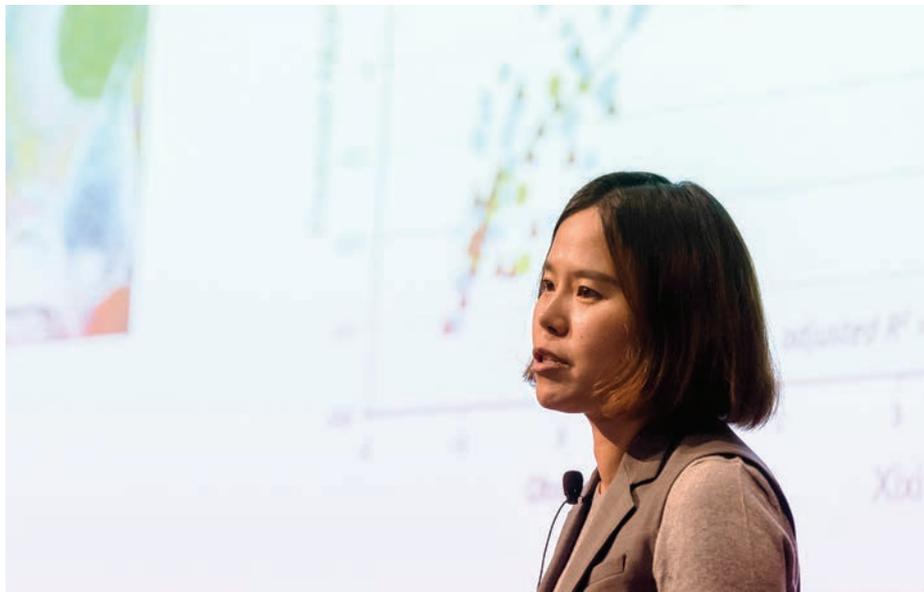
NEW SPACES: “Everyone is an alumnus of the libraries,” University Trustee Barbara Burger ’83 said as she helped formally introduce the Barbara J. Burger iZone, a new space in Rush Rhees Library that’s designed as a collaborative hub for students to solve problems and explore ideas for social, cultural, economic, or community impact.

FIRE DRILL: Bryan Brown ’20 and Aaron Goldin ’20 entertain Meliora Weekend guests during the Strong Jugglers’ ninth annual fire show.





WHEELS UP: Classmates Randy Raetz '88 and Meghan Daly Lippman '88 take a turn on the Ferris wheel that gave alumni and others a different view of campus.



LEARNING MOMENTS: Vankee Lin, an associate professor of nursing, discussed her work to understand the neural mechanisms of cognitive aging and aging-related neurodegenerative diseases during the School of Nursing's "SONTalks."

CELEBRATING SONG: Jamal Moore '12E and other YellowJackets alumni joined the group for a performance at the A Cappella Jam.







CITY OF LOVE: There is something for everyone in San Francisco, say our alumni tour guides who live and work in the Bay Area. Carol Karp '74 (left) visits San Francisco's Ferry Building for its farmers market and choice of restaurants. "Tourists and locals alike enjoy everything the area has to offer," she says.

Show Us Your Town

San Francisco

Hop in a car, jump on a bike, or don some hiking boots and explore the expansive Bay Area. Some 3,500 alumni will tell you: adventure, amazing views, stellar food, and cultural activities of all varieties abound.

By Kristine Thompson

Streetcars and cable cars. Alcatraz, Muir Woods, and the Golden Gate Bridge. Lombard Street, the Presidio, and sourdough bread. For a city that only stretches seven miles by seven miles, San Francisco packs a punch. Ask locals what they love about it, and they will likely provide you a long list.

This past summer, six University alumni did just that, not only providing a list, but also offering their time to provide an insider's look at the place they call home. There's something about the area that

grabs each of them. For **Lauren Sacks Hopton** '10, it's the accessibility of outdoor activities. For **David Fang** '05, '11 (PhD), it's the area's spirit of innovation and entrepreneurship. For **Jason Smith** '03, '08W (MS), it's the diversity—of people, ideas, food, and landscape. With opportunities to explore everything from culture and technology to great food and coffee to ocean views, mountain vistas, and big adventures, all a visitor to San Francisco and the surrounding Bay Area really needs is time. **R**

Meet Your Guides

Zakia Barnes '04, '17S (MBA)

Home: Oakland

Undergraduate major: Applied mathematics

Occupation: Developer operations specialist at Facebook

David Fang '05, '11 (PhD)

Home: San Francisco

Undergraduate major: Electrical and computer engineering

Occupation: Program manager at Synapse Product Development, a consultancy firm that works with small start-ups as well as Fortune 50 companies

Lauren Sacks Hopton '10

Home: San Francisco

Major: Psychology

Occupation: Project manager at Rothys, a maker of sustainable shoes for women

Carol Karp '74

Home: Hillsborough

Major: Biology

Occupation: Chief regulatory officer, Prothena Biosciences Inc.

Phil Pizzo '70M (MD)

Home: Stanford

Occupation: Pediatric oncologist and infectious disease specialist; former dean of Stanford's medical school; and founder of Stanford's Distinguished Careers Institute, which is associated with its Center for Longevity

Jason Smith '03, '08W (MS)

Home: San Jose

Undergraduate major: Political science

Occupation: Associate dean for student affairs at the San Francisco Conservatory of Music

For more information on regional networks, events, and volunteer opportunities, visit Rochester.edu/alumni/regional-network.



KEEP ON THE SUNNY SIDE: With lots of great food, live music, and a farmers market, the San Pedro Market bustles with activity all week long. “The market is a great place to connect with friends and unwind at the end of a long day,” says Jason Smith '03, '08W (MS), who commutes from San Jose to San Francisco.

Off to Market

There are plenty of choices when it comes to eating, shopping, and connecting.

A San Pedro Market

87 N. San Pedro Street, San Jose

Foodies, music lovers, history buffs, festival followers, and coffee aficionados will enjoy this open-air plaza, which is located adjacent to the Peralta Adobe, the oldest building in the city. “Here in the heart of downtown San Jose, the market is a go-to place for live music and food from local vendors,” says Jason Smith '03, '08W (MS), a San Jose resident. “It’s also an ideal place to soak in some of the South Bay sunshine.” With Adobe, Apple, Cisco, Google, Yahoo, and other technology companies located here, San Jose is called Silicon Valley’s capital. “More companies are locating right in the downtown area,” adds Smith. “It’s prompting an increase in housing options for people, which contributes to the dynamic atmosphere that’s building here.”

B Jack London Square

Broadway and Embarcadero, Oakland

Located on the waterfront and named after the American writer and San Francisco native, Jack London Square offers restaurants, retail shops, and waterfront activities. London’s cabin—where he lived during the gold rush in the Canadian Klondike—has been relocated to the square, next to Heinold’s First and Last Chance Saloon.

Heinold’s was a favorite of London’s—and it’s also a favorite of **Zakia Barnes** '04, '17S (MBA), an Oakland transplant who started a job at Facebook early in the summer. “The pub’s owner, Johnny Heinold, and Jack London were close. Heinold actually lent London the money to go to Berkeley to pursue his passion for writing,” says Barnes. “This place, and the sailors who passed through here, inspired many of London’s stories.”

C The Ferry Building Marketplace

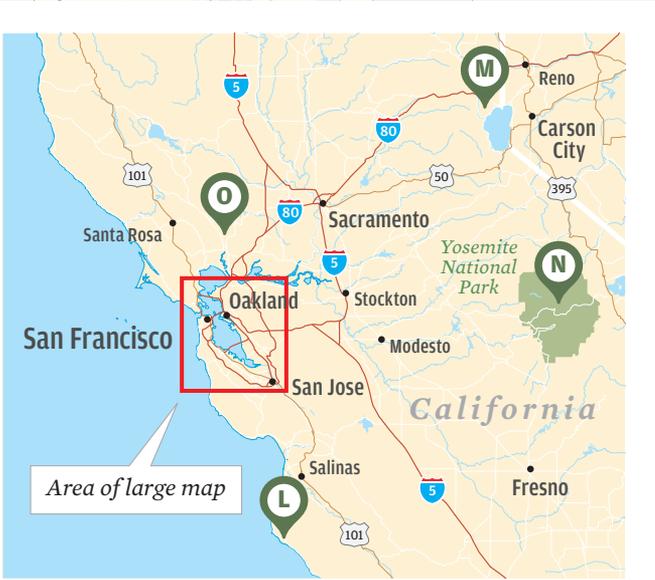
One Ferry Building, San Francisco

The original Ferry Building opened in 1898 and served as a transportation hub for decades until it fell into disrepair. That changed with the 1989 Loma Prieta earthquake, which devastated the Embarcadero Freeway. A major renovation resulted in a transformed Ferry Building, now a world-class artisan public food market that also features a working ferry terminal.

“Tourists and locals alike enjoy everything the area has to offer,” says **Carol Karp** '74, a peninsula resident who visits the Ferry Building for its farmers market. Among her favorite places are the Hog Island Oyster Co., which offers notably fresh oysters, and the Slanted Door, which features Vietnamese



Graywhale Cove State Beach
Montara State Beach



If you're going to San Francisco...

Members of the Bay Area Network offer their insights and favorite places to visit to create an insider's view of San Francisco and its surrounding area. The color-coded circles match the descriptions for each spot.

The San Francisco edition of Show Us Your Town is part of a series highlighting the University's regional networks and communities.

☀️ Let's talk about the weather

Microclimates thrive in the Bay Area. Don't be surprised to experience fog, sprinkles, and 45-degree weather on a summer morning in San Francisco. In the afternoon, head to San Jose or Stanford, where the sunshine can blind and temperatures can escalate to 90 degrees or more. "Be prepared for all kinds of weather," says David Fang '05, '11 (PhD), who moved to San Francisco with his wife, Megan Schumann, two years ago. "Wear layers and invest in a down jacket—you will probably need it."

fare. The restaurant “can also create a delicious off-menu oyster stew for you,” she adds.

Signature San Francisco

Few cities are as connected to iconic foods as San Francisco.

Sourdough bread

Boudin Bakery—San Francisco’s oldest bakery, now with multiple locations—has been using the same sourdough starter, also known as “Mother Dough,” since the Gold Rush of 1849. That’s what gives the bakery’s bread an exceptionally tangy flavor.

Cheese

A trip to the Cowgirl Creamery yields a large selection of delicious gourmet cheeses, including organic goat cheese, soft cow milk cheese, and even one named after the local Mount Tam.

Chocolate

In addition to the Ghirardelli Chocolate Company, Karp suggests Recchuitu Confections, a Parisian-inspired local company that serves up many goodies, among them a s’mores bite—a sweet concoction that combines vanilla bean marshmallows, handmade graham crackers, and, of course, chocolate.

Coffee

Several alumni recommend Philz for its drip coffees with meaningful names and Equator Coffees & Teas, which is dedicated to sustainability and social responsibility. It also serves delicious “early bird” tacos for breakfast. (Get there early; they sell out fast.)

Parks and Rec

Getting—and playing—outside is easy in the Bay Area.

D Sutro Baths

1004 Point Lobos Avenue

Only the remnants of the once spectacular baths—or, really, pools—remain. Named after Adolph Sutro, a wealthy resident and former city mayor, the baths are now part of the Golden Gate National Recreation Area. Visit the baths and then explore a vast network of trails that leads to beaches in one direction and to spectacular views of the Golden Gate Bridge and the San Francisco Bay in the other. “This is one of the city’s magical pockets,” says Fang, who visits regularly to relax, enjoy a sunset, learn some history, or go for a run or a hike.

E The Presidio’s Main Post

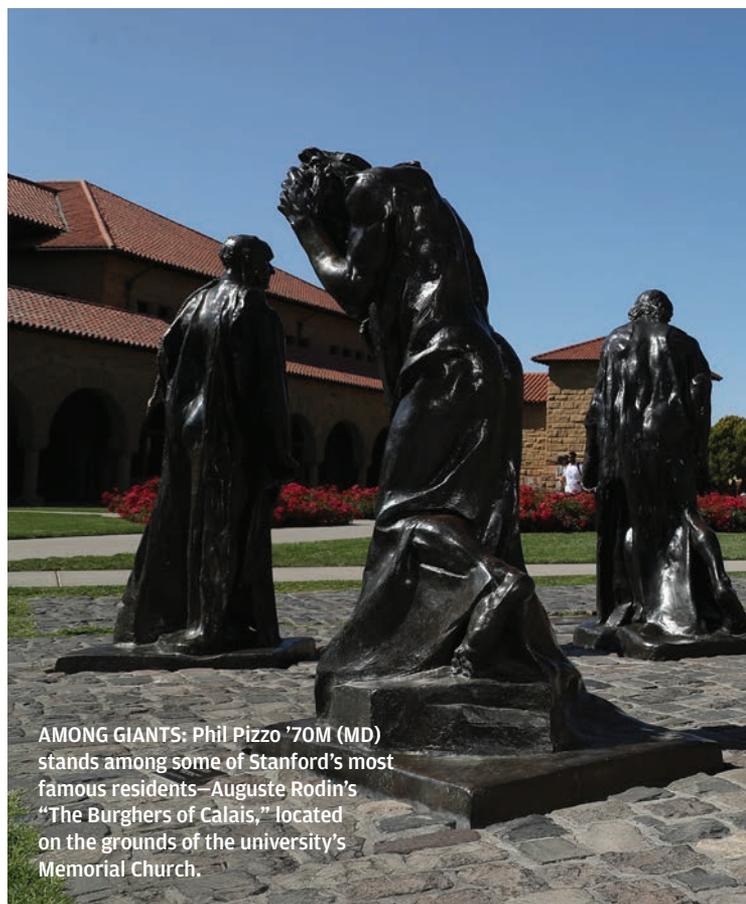
San Francisco

Several alumni recommend the park and former military fort where, some say, San Francisco began. Native peoples lived in the area for thousands of years, then the Spanish built a fort, and later, it became a US Army post. Today, it’s a national park site that offers cultural events, restaurants, and outdoor activities. Start at the Visitor’s Center and explore bike paths and walkways through old Army buildings and a military cemetery. Make your way to the Golden Gate Bridge.

F Mountain View Cemetery

5000 Piedmont Avenue, Oakland

Designed by Frederick Law Olmsted, the 150-year-old cemetery is a popular park and one of Barnes’s favorite spots. Take in beautiful views, impressive monuments, and local history. Among those buried in what the locals know as the Piedmont Cemetery are J.A. Follers, founder of Follers Coffee; Domingo Ghirardelli, namesake of the chocolate company; Bobby Hutton, the Black Panthers’ first treasurer; and Elizabeth Short, aka “the Black Dahlia,” whose Hollywood murder remains unsolved.



AMONG GIANTS: Phil Pizzo '70M (MD) stands among some of Stanford’s most famous residents—Auguste Rodin’s “The Burghers of Calais,” located on the grounds of the university’s Memorial Church.



BACK IN TIME: Zakia Barnes '04, '17S (MBA) sits outside Heinold's First and Last Chance Saloon in Oakland. "There's a ton of history in this pub," she says. "If you visit, check out the pub's original gas lamp, potbelly stove, mahogany bar, and slanted floor, which is the result of the 1906 earthquake, when part of the building's foundation sank."



Arts and Culture

From visual arts to performing arts to cultural activities, the Bay Area has it all.

G San Francisco Museum of Modern Art

151 3rd Street

Each alumni guide recommends SFMOMA. Dedicated to 20th-century art, it is one of the largest modern and contemporary art museums in the country by square footage and features the work of Andy Warhol, Ellsworth Kelly, Diane Arbus, Roy Lichtenstein, Alexander Calder, and many of their contemporaries. *Tip:* The San Francisco CityPASS offers discounted admission to some of the area's most popular attractions, including SFMOMA, which also offers free admission to those 18 years old and younger.

H San Francisco performing arts district

The central area near the Hayes Valley neighborhood is home to the San Francisco Symphony, the San Francisco Opera, SFJAZZ Center, San Francisco Ballet, and the San Francisco Conservatory of Music. It also has a large concentration of theaters. "There is always something to see and hear here," says Smith. "Plus the area's restaurants offer wonderful places to wine and dine before or after a performance."

I Cantor Arts Center and the Anderson Collection

328 Lomita Drive at Museum Way, Stanford University

A fan of art, **Phil Pizzo** '70M (MD) frequents museums. With a collection that spans 5,000 years across its nearly 40,000 works of art, the Cantor Arts Center features a number of Rodin bronze sculptures, both inside the museum and in an outdoor sculpture garden. The Anderson Collection is housed in a building adjacent to the center and features one of the world's leading collections of modern and contemporary art. Both are open to the public.

The Stanford University campus offers a variety of sightseeing and educational opportunities. Highlights include the Hoover Tower observation platform (named after President Herbert Hoover, a Stanford alumnus), Bing Concert Hall, Memorial Church, and access to many outdoor activities, including a hike to the Dish, a recreational area that also serves academic and conservation purposes. "Stanford is really a self-contained city," says Pizzo. "The campus has everything I need, from running trails to athletic events to performing arts programs, not to mention the tremendous medical and research facilities here."

Take—or Get Off—the Beaten Path

J Alcatraz to Angel Island

Alcatraz Island sits just a mile offshore from San Francisco. Visitors can take a ferry to the infamous prison, now operated by the National Park Service, or they can find other ways to get on the water. Karp suggests taking a ride on one of San Francisco's Red and White Fleet cruises. Tickets are easy to get and the views are extraordinary. Or grab a ferry to Angel Island, suggests Hopton. Operated by California State Parks, the ferry is only a short ride from the city and offers 360-degree views of the entire Bay Area.

K Muir Woods to Mount Tam

Located north of San Francisco, in Marin County, the famous redwoods of Muir Woods lure huge crowds daily. Tickets and reservations are required and must be ordered in advance.

For that reason—and a few others—locals often trek to Mount Tamalpais instead, says Hopton. Just a hairpin turn or two from Muir Woods, "Mount Tam" offers a rich web of trails, some leading to



TO THE BEACH: As a San Francisco resident for only two years, David Fang '05, '11 (PhD) still spends weekends exploring what the area has to offer. "There is so much to do here," he says. "In just this Lands End area of the Golden Gate park, you can visit Sutro Baths, hike some great trails, glimpse the sites of famous shipwrecks, and enjoy a terrific meal at the famous Cliff House, which overlooks the ocean."

water, some perambulating through the open mountain side and the deep woods. "My husband, Noah, and I have been there at least 50 times in the six years we've been here," she says. "He even proposed to me near the top of the mountain." *Trivia:* Mount Tam and the surrounding areas in Marin County are considered the birthplace of mountain biking.

Farther Afield

A variety of experiences and adventures are just a few hours away.

Big Sur

Drive down the scenic Pacific Coast highway—State Route 1—for about three hours to get to Big Sur, which sits between an unforgettable coastline and the Santa Lucia Mountains.

Lake Tahoe

Known for its beaches, ski resorts, and outdoor activities, the freshwater lake in the Sierra Nevada Mountains lies on the border between California and Nevada, almost four hours from San Francisco.

Yosemite National Park

The famous photographer Ansel Adams loved the park, and so do the four million visitors every year who take in its sequoia trees, myriad trails, and views of El Capitan, Half Dome, and Bridal Veil Falls.

NETWORK CONNECTIONS

Regional Networks and You

San Francisco is home to just one of the University's regional networks, which offer alumni, parents, and friends a variety of social events and opportunities for networking and volunteering. With new cities added regularly, the lineup of metropolitan areas includes Baltimore, Boston, Chicago, Houston, Los Angeles, Philadelphia, Rochester, and New York City.

The networks also organize opportunities that include interviewing and mentoring students, welcoming new alumni to an area, organizing events, and serving as social media ambassadors. For more information, visit Rochester.edu/alumni/regional-network.

Staying Connected on the West Coast

Being engaged with her alma mater—and helping other alumni do the same—is important to Lauren Sacks Hopton '10, who has played a key role in organizing events in the Bay Area as a Young Alumni Council leader.

"For the past two years, as part of the University's Global Day of Service, I organized a sidewalk planting event with the Friends of the Urban Forest," she says. "It was wonderful to work alongside fellow alumni to beautify our city." She has also planned George Eastman birthday events and "new to the city" events for alumni who have recently moved to the area.

Keeping connections alive while helping the community is important to Jason Smith '03, '08W (MS), too. "One of our most successful alumni events was held at Hotel Biron, a favorite restaurant of mine in San Francisco," says Smith, cochair of the Bay Area Network Leadership Cabinet. "We gathered together as an alumni community, with proceeds from the event going to Napa/Sonoma fire relief funds."

Other volunteers engage, give back, and provide leadership in other ways. David Fang '05, '11 (PhD) is on the Hajim School's Visiting Council and the Bay Area Network Leadership Cabinet. He recently attended an event with students on a tour of technology-oriented companies in the Bay Area sponsored by the Gwen M. Greene Center for Career Education and Connections.

"It's important to give young people a practical taste of what their futures might hold," he says. "It can ground them and inspire them at the same time." Fang is also a volunteer with Real Reader, a University program that connects alumni with students and offers ongoing professional counsel and feedback, including advice on résumés, interviewing, and more.

Phil Pizzo '70M (MD) and Carol Karp '74 serve on the University's Board of Trustees and are former co-chairs of the Bay Area Network Leadership Cabinet. Pizzo also has a close advisory relationship with Mark Taubman, CEO of the University's Medical Center and UR Medicine.

Karp also serves as chair of the River Campus Libraries National Council and on the recently formed Alumni Board. She has been inspired, she says, by "the commitment to the University demonstrated by the exemplary support of our former board chair, Ed Hajim, and our newly appointed board chair, Rich Handler."

Zakia Barnes '04, '17S (MBA) is part of the Alumni Board and the Diversity Advisory Council, and serves as a Simon Business School mentor. "Being connected to my alma mater is rewarding and keeps me grounded," she says. "I encourage everyone to get involved—we can all grow from sharing our experiences and perspectives with one another." —Kristine Thompson



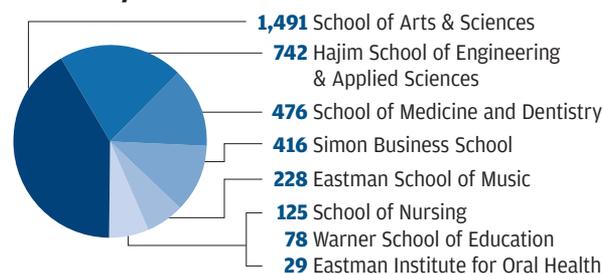
Metro San Francisco Network

With San Francisco at its center, the regional network includes alumni, parents, volunteers, and others living in the Bay Area.

3,440 alumni
168 students

92 current parents
130+ volunteers

Alumni by School



MOUNTAIN MAJESTY: As an outdoor enthusiast, Lauren Sacks Hopton '10 appreciates what the Bay Area offers, including plenty of hiking, biking, and running trails.

Wine country

Sonoma and Napa Valley are just a short distance over the Golden Gate Bridge. Check out the Russian River Valley in the heart of Sonoma County—it's a go-to area for locals.

Half Moon Bay

Just 45 minutes south of the city, a nearly 300-mile stretch of coastline offers breathtaking views, dining experiences (and heaps of fresh seafood), as well as outdoor activities like biking, kayaking, and surfing.

Right Place, Right Time

Bay to Breakers

The annual footrace began in 1912 as a way to lift morale after the 1906 earthquake. Now held on the third Sunday of every May, it's "like Dandelion Day in race form," says Smith.

San Francisco Pride

The annual celebration of the LGBTQ community takes place during the last weekend of June. Highlights include a parade and festival. *Tip:* Check out the GLBT Historical Society in the Castro District, too—it's a treasure trove of materials and knowledge.

Fillmore Street Jazz Festival

Held every year over the July 4th weekend, the festival features live music, plus more than 12 blocks of gourmet food, beverages, and fine arts and crafts vendors.



ERIN MORLEY '02E

An Operatic 'Trapeze Artist'

Soprano Erin Morley '02E steps into the international spotlight.

By Robin L. Flanigan

"It's like going to a circus and watching a trapeze artist," **Erin Morley** '02E, one of the world's most sought-after coloratura sopranos, says of the operatic style of singing.

"A lot of it is about showing off a facility, about singing really high and really fast. It's something not every voice is built to do, and there are special roles that highlight those strengths."

Those roles—often comedic and frothy and frequently the kind that charm audiences and critics—are becoming a key part of Morley's repertoire as she has stepped into the international spotlight during the past decade.

Since 2011, a string of critically acclaimed appearances in the great opera houses of Vienna, Munich, and Paris have established Morley as one of the most in-demand performers at some of the opera world's most influential venues. She has a good relationship with the Metropolitan Opera in Manhattan, where this winter she makes a number of notable appearances—first in her role debut as Pamina in *The Magic Flute*, then as the Forest Bird in *Siegfried*, and as Constance in *Dialogues des Carmélites*.

She was invited to participate in three celebrations in 2018 for the 100th anniversary of the birth of American musical icon Leonard Bernstein. And in September she made her debut—at 34

weeks pregnant—in Debussy's *Le Martyre de saint Sébastien* with the Deutsches Symphonie-Orchester in Berlin.

Her performances regularly earn high praise. The *New York Classical Review*: "Erin Morley is in a class of her own among coloratura sopranos, singing even the most dazzlingly difficult material with beauty and musical sense." Morley recognizes that she wasn't always offered the coloratura roles.

Instead she was often cast in roles that required a much heavier singing voice, which meant she had to be judicious about which to accept to avoid damaging her vocal chords.

In 2011, she gave birth to her first daughter. "That really did change the trajectory of my career," Morley says.

Now the mother of two daughters, ages 7 and 2, Morley was expecting her third child, a boy, in October. The first day of rehearsal for *The Magic Flute* is four weeks after her due date.

"You have to treat it like an Olympic sport," she says of maintaining her voice, which one critic has described as "brilliant as a diamond." That means holing up in the music room of her New Haven, Connecticut, home for up to five hours a day, practicing intensely but more slowly than usual to work through reflux and other body changes that come with pregnancy.

"My job right now is to make sure everything I have to perform after this baby is born is ready to go," she says.



As someone who's on the road between six and nine months a year, Morley thinks a lot about work-life balance.

"I think you can get swallowed up in motherhood, and you can get swallowed up in your career," she says. "Being both a mother and a singer at the same time helps to keep me grounded."

After earning her undergraduate degree in vocal performance from the Eastman School of Music, Morley completed two graduate degrees at the Juilliard School before her acceptance into the Metropolitan Opera's selective Lindemann Young Artist Development Program, where she trained and performed for three years on the Met stage.

Believing that every singer must always remain a student, she works with multiple mentors—technical voice teachers, a vocal consultant, a speech pathologist, and language coaches—to sustain and improve her technique.

Gerald Martin Moore is Morley's vocal consultant both in person and via Skype. Based in New York City, he's an internationally recognized singing teacher and vocal consultant who also has worked with renowned soprano Renée Fleming '83E (MM), and is an expert on coloratura singing.

"What makes her stand out for me is that a lot of singers who specialize in very high coloratura repertoire don't have such warmth in the 'middle voice,'" says Moore, referring to a range between what's known as the "chest voice" and the "head voice."

Case in point: Morley says she's embracing the lyrical role of Pamina in *The Magic Flute*, even though the opera's Queen of the Night, which Morley has sung in the past, is the coloratura showcase role. "I don't want to become a one-trick pony," she says.

Morley came from a musical family. Her father sang in the

STAR TURNS: Morley's turns in the international spotlight have included roles as Olympia in the Metropolitan Opera's production of *Les Contes D'Hoffmann* (opposite) and as (this page, clockwise from above) Zerbinetta in the Vienna State Opera's *Ariadne auf Naxos*, Sophie in the Met's *Der Rosenkavalier*, and Cunegonde in the LA Opera's *Candide*.

Mormon Tabernacle Choir, and her mom gave her violin and piano lessons. She remembers being 12 or 13, listening to a live performance of a young pianist perform with the Utah Symphony near her home in Salt Lake City.

"I remember feeling just how much power he had in order to make me feel all of those things I was feeling," she says. "I wanted to be able to do that for people."

She had never seen an opera before her first year at Eastman, when she attended a school production of *Albert Herring*, a comic chamber opera in three acts by Benjamin Britten.

"I walked up to Steven Daigle, who ran the opera department, and said, 'I really love this. Can I be in the next one?'" she says. "He laughed, and oddly enough, he did cast me in the next one."

What captivates Morley about opera is that every live performance is unamplified—what she calls a "celebration of the human voice." And through roles that explore comedy, drama, and despair, she takes the audience on an emotional journey.

"I get to hold up a mirror to humanity," she says, "to offer them a chance to look at their own lives and say, 'Am I like this character?' It feels like a form of therapy for me and for the audience.

"I hope it is." **R**

Flanigan is a Rochester-based freelance writer.

ARMISTICE ANNIVERSARY

'I've Got to Do Something for Uncle Sam'

More than 800 alumni, students, and faculty served during World War I. To mark the 100th anniversary of the 1918 Armistice, here are a few of their stories.

By Jim Mandelaro

When the United States entered World War I on April 6, 1917, Jules Fish knew he must serve.

"I've got to do something for Uncle Sam," the Rochester first-year student told his mother.

At 19, Fish was two years under the draft age. And at six and a half feet in height, he was rejected by several branches of the military for being too tall. But he persisted, and the 23rd Infantry finally accepted him that summer. Fish's parents reluctantly signed a consent form, and he set sail for France that September.

"It will all be over in a few months," he reassured his worried mother. "I'm not going to be gone long." On April 6, 1918—the first anniversary of the United States' entrance into the war—Fish was killed in a battle near Maizey, France.

"We all lived in hopes that the inevitable had not occurred," infantryman Donald McGary wrote in a letter to Fish's mother. "But after the attack was over, our hopes were shattered as we witnessed four Red Cross men carrying a real hero, our pal Jules Fish, to his final resting place."

Fish is buried in St. Mihiel American Cemetery in France.

The University awarded his degree posthumously in 1920. Fish was one of 862 University students, alumni, and faculty members who served for the Allies in World War I—at home and abroad, on the front lines, in hospitals, and on American training bases. Of them, 326 served outside the United States, at sea, on land, or in the air.

Twelve Rochester women are also known to have served. Eleven men gave their lives.

In honor of the 100th anniversary of the armistice for "the War to End All Wars," here are some of the members of the University community who answered the call. 

Jules Fish



Margaret Neary Bakker, Class of 1913

She graduated with a degree in chemistry and served as a bacteriologist at Base Hospital 19, in Vichy, France, during the war, then joined a Red Cross unit for 16 months. Never content to stay in one place, she lived in Hawaii, Austria, China, Australia, Switzerland, Germany, England, and France.



Harold Kimball, Class of 1911

He became the first University community member to die in the war, when he was killed in France on April 9, 1917. At 25, he had joined the Canadian Army in 1916, a year before the United States entered the war.

Eleanor Gleason, Class of 1903

A member of the University's third female graduating class, she received a bachelor's degree in philosophy. During the war, she was a YMCA canteen worker at a French hospital and set up a library system in the Virgin Islands after it became a US territory.



Vernon Brown, Class of 1920

The Canada native left school after nine months to join Britain's Royal Flying Corps and was credited with downing at least two German planes. He went missing in May 1918 and was presumed dead. In fact, he had been shot down, wounded, and placed in a German prisoner of war camp. Although he didn't return to the University, the faculty awarded him a bachelor's degree in 1920 in deference to his war service.





**Nathaniel Kendrick,
Class of 1921**

The first to enroll at Rochester after active service in France, he left high school during his senior year to join the American Field Service and drove a front-line ambulance for six months. He became a longtime history professor and dean at Bowdoin College in Maine. His grandfather, Asahel Clark Kendrick, was a member of Rochester's original 1850 faculty and taught Greek for 45 years. His father, Ryland, taught Latin and Greek at the University from 1881 to 1937.



**Prentiss Gilbert,
Class of 1906**

The son of William Wallace Gilbert served as a captain in the Military Intelligence Division during World War I. He became the University's first director of its Extension Division and later was named US representative at the League of Nations and appointed chargé d'affaires at the US Embassy in Berlin, Germany, by President Roosevelt. He died of a heart attack at the embassy in 1939, at age 55.



Charles Evans, Class of 1918

Evans left school in the spring of 1917 to join the US Navy Reserve. That June, he was on a patrol boat off Boston Harbor when an excursion steamer emerged from heavy fog and smashed into the boat's cabin, tearing off Evans's left arm. Five comrades gave blood transfusions in a desperate effort to save his life, but he died two days later and received his degree posthumously from the University.



John Lehnen, Class of 1912

The former University football star was working as a law clerk when he entered military service in April 1918, at age 30. He was killed by enemy shellfire five months later in the Battle of Saint-Mihiel and is buried in the same American veterans cemetery as Jules Fish.



Raymond Ball, Class of 1914

The Wellsville, New York, native enlisted in the US Army in 1917 and served two years as a captain of a machine gun battalion in France. He went on to hold several executive posts at the University, including treasurer and chairman of the Board of Trustees before embarking on a long career in Rochester as a banking president.



**Carolyn Emerson,
Class of 1908**

She was University class president her sophomore year and interrupted her career as a French teacher to join a wartime YMCA canteen service in France, providing food, beverages, and personal items to soldiers. Emerson's University yearbook quote spoke to her character: "Many are called, but few get up."



**William Wallace Gilbert,
Class of 1861**

The nephew of Martin Brewer Anderson, Rochester's first president, had a military career that spanned six decades and included the Civil War, the Spanish-American War, the Philippine Insurrection, and World War I, where he came out of retirement at age 77 to serve in a recruiting base in Texas.



Lawrence Atkins, Class of 1915

Atkins served as student body president at Rochester and was a member of the baseball and track teams. He joined the 106th Ambulance Company and was sent to France, where he was a victim of the historic influenza pandemic that would eventually kill an estimated 30 million people. He died in a French hospital of bronchial pneumonia on October 30, 1918, just 12 days before the war ended.

CAITLIN MEIVES '05

A New Generation in Preservation

As cofounder of the Young Urban Preservationists, or 'YUPs,' Caitlin Meives '05 is helping to ensure that preservation itself endures.

By Sophie Aroesty '18

Caitlin Meives '05 is such a preservationist that she recently found in her attic the Rochester history department flier that inspired her to become one in the first place.

Meives is the preservation planner for the Landmark Society of Western New York, a Rochester-based nonprofit that maintains and celebrates historical sites within and near the city. But as a soon-to-be graduate in 2005, Meives, a history major, had no idea what she wanted to do until she spotted the flier featuring a flowchart of advanced degrees and career paths related to her major—including master's programs in historic preservation. After earning an MS in historic preservation from the University of Vermont, she returned to Rochester to launch her career.

Meives gets excited about things like peeking around early 20th-century Park Avenue houses to spot intricate detailing on their garages. But she noticed that the people at Landmark Society events who would come and “nerd out” like she did weren't like her. Patrons tended to skew older. “It was really important to do something for [the Landmark Society] to start cultivating and growing the next generation of preservationists and members,” she says. So in 2013, she cofounded the Young Urban Preservationists, or “YUPs,” in order to preserve preservation itself.

“I have this theory that all of you are closet preservationists,” Meives told the audience at TEDxFlourCity in 2015. While none of them identified as a preservationist, plenty said they enjoyed things like walking their dogs through Highland Park, or eating out on Park Avenue. “Most of us are actively supporting preservation and being preservationists, and we just don't realize that,” she told the group.

Such closet preservationists are drawn to events like Bikes, Beers & Buildings, YUPs' annual scavenger hunt by bicycle that draws about 75 people to ride around the city. They hunt down places like the Driving Park Hotel and the oldest synagogue in Rochester, stopping for beers at Fifth Frame Brewing along the way.

Another favorite of the YUPs is their biannual trip. They visit cities of the Rust Belt Coalition, a collection of young preservationist groups scattered around the country. Rochester hosted the coalition last summer. They brought people to eat at Nick Tahou's and the Public Market, partied at Swillburger and Radio Social, and took them on walking, biking, and dog-walking tours through places like Mt. Hope Cemetery, the abandoned subway, and the RG&E hydroelectric station at Lower Falls.

Melissa Baxter, a member of YUPs' executive team, explained

why she finds preservation important. “Preservation is a way to combat this whole way that capitalism can kind of gobble things up. Saying, ‘this is old, let's just tear it down and build it up new’—if you constantly are doing that, I think you lose touch with those that have come before you and even the environment.” Instead, she says, “you can adapt what you already have and make it better in its own right.”

The YUPs have finished a strategic plan that includes a comprehensive list of goals and actions with five pillars: becoming more diverse and inclusive, developing strategic partnerships, focusing their impact, holding events that engage and educate, and making a difference in the world of preservation.



PRESERVING PRESERVATION: “Most of us are actively supporting preservation and being preservationists, and we just don't realize that,” Meives says of many young professionals.

Meives spoke at length about the first and last pillars—about how she wants to challenge the field to grow and adapt, particularly when it comes to racial and socioeconomic diversity. “Preservation has a lot to offer people of every background, and so we want to make it open and welcoming and serving to everyone,” she says.

For Meives, preservation is as much about the future as it is about the past: ensuring the continuation of the Landmark Society, adapting historical sites for future generations, and ushering preservation into a new era.

“The thing that really makes me happy is when I see people using historic spaces and enjoying them, because that's what it's all about—creating communities people live in and enjoy,” she says.

The rest is history. 

Aroesty is a Brooklyn-based freelance writer.

DIANE AMBLER '71

Invested in Law

With some bold decisions, investment lawyer Diane Ambler '71 made it to the top of a male bastion.

By Sandra Knispel

Years ago, **Diane Ambler** '71 started writing a memoir of sorts. Every chapter began with a quotation of something that somebody had said to her at work.

But there was a hitch. Some of it was outright unprintable and all of it inappropriate and often demeaning. Ambler was trying to prove herself as a young lawyer in securities and financial services law, a male bastion in the early 1980s, when she first arrived on the scene.

"It was an outlet for my anger," admits Ambler, who is now a partner at the international firm K&L Gates. Eventually, she abandoned the book. "Once I started writing it all down I realized it wasn't the focus of what I was trying to achieve." Unfocused anger, she says, "is a waste of time."

Her time has been well spent.

Widely sought out for her expertise in financial services regulation and federal securities law, she now appears regularly on lists of best lawyers in America, the world's leading women in business law, and others.

A big part of her success derives from a bold decision she made early in her career. Forty years ago, as a young lawyer, Ambler noticed that most of her male colleagues in securities law were preoccupied with capital formation and deal making. Ambler went for the much less sexy mutual funds law instead. A nascent field with few experienced practitioners, mutual funds proved fertile ground for Ambler to make her mark.

Ambler's break came when the American Bar Association invited her to chair the group's Investment Companies and Investment Advisers Subcommittee—a prestigious offer. Yet her first impulse was to turn it down. The mutual funds industry was exploding. And she had just joined an international law firm to develop and lead their new 40 Act practice (shorthand for the Investment Company Act of 1940, the major law now governing mutual funds).

She was also a single mother with a toddler at home.

"I have a lot on my plate. I don't have time for that," she remembers thinking at the time. "It's a terrible idea."

When she mentioned the offer to a male colleague, however, he simply assumed she'd take it. That assumption got her thinking. Are there ways to make it work?

She did, once she realized that she didn't need to be one of the firm's top billers. She also hired a live-in nanny.

Yet again, a big decision paid off.

"It completely accelerated my career in a way that I never would have anticipated, because it gave me exposure to everyone in the field," Ambler says. It also gave her a voice to appear before regulators.

Looking back, she says, at times her rise was lonely. In her early years, women were working in what she calls "parallel play." They didn't see much of one another. "We simply didn't know that there were a lot of women with the same struggles, trying to deal with the same issues."

That's one of the reasons she now mentors young lawyers—male and female. Starting 15 years ago on her own doorstep, Ambler helped set up a women's group at her law firm, which now employs



LEGAL ADVICE: Too many women leave the legal profession in mid-career, says Ambler, who has worked to develop initiatives to help women succeed as lawyers.

some 1,800 lawyers worldwide. Many of the initiatives developed by the women's group have since been adopted as a firm-wide vision to help their female lawyers succeed.

A problem that remains to this day is that too many female lawyers leave the profession in mid-career, says Ambler, who is also a member of the executive boards of both the Women in Law Empowerment Forum and the National Association of Women Lawyers.

"We need to make sure they have options, good mentoring, and the institutional backup needed to be successful." 

Deadly Dust

The cycles of algae blooms known as red tides that are plaguing the Gulf of Mexico have their origins half a world away, rising out of the Sahara in Africa. While the blooms have existed for millennia, the cycles have been happening with more frequency and intensity, say Rochester alumni who study red tides and their impact.



The Florida red tide is caused by *Karenia brevis*, a single-cell organism belonging to a group of algae called *dinoflagellates*. *Karenia brevis* can reproduce very rapidly under the right conditions.

Widespread dust storms this year in the Sahara have blown large amounts of iron dust into the atmosphere. The dust drifts west to the Gulf of Mexico, where it is processed by bacteria, increasing the amount of nitrogen in the water and setting the stage for the rapid growth of toxic algae.

MICHAEL PARSONS '90 AND MICHAEL SAVARESE '81, '84 (MS)

Red Tide: A Looming 'Planetary Problem'

What does a persistent bloom of algae indicate about the health of the planet?

By Lindsey Valich

While the harmful algae known as red tide have historically been common in warm waters like those of the Gulf of Mexico, the troublesome blooms are no longer seasonal. The algae kill marine animals and make life miserable for beachgoers.

A particularly robust cycle that began last fall prompted Florida Governor Rick Scott to declare a state of emergency this past summer for seven counties in southern Florida.

Michael Parsons '90 and **Michael Savarese** '81, '84 (MS) are leading an effort to study red tide and determine what can be done to mitigate its effects. As researchers at Florida Gulf Coast University, they analyze the blooms and environmental changes in coastal settings, particularly in response to human development, sea-level rise, and global warming.

"Regions of harmful algal blooms across the globe have increased in size, number and frequency," Savarese says. "This isn't just a Florida problem or a Gulf of Mexico problem, this is a planetary problem."

What is red tide?

When algae grow out of control and produce toxins harmful to humans and wildlife ecosystems, they are called harmful algal blooms (HABs). Red tide is just one type of HAB, common in the Gulf of Mexico and characterized by explosions of single-celled

algae called *dinoflagellates*. Each cell is about the size of a grain of salt, but when concentrations become greater than 100,000 cells per liter of water, the harmful algae can severely lower oxygen levels and give water a reddish or brownish color.

What are the effects on humans?

Red tide is harmful to humans if ingested, either by eating tainted shellfish—which can cause nerve and respiratory damage—or breathing in the neurotoxin brevetoxin, which the algae produce. Breathing the toxin can cause people to sneeze or cough, and red tide may exacerbate symptoms of asthma or other pre-existing respiratory ailments. Most of the respiratory irritations are easily fixed, though: "You just leave the beach," Parsons says. "But when you leave the beach, you're disrupting the tourism economy."

Florida is hit especially hard economically by red tide because of the state's reliance on tourism. Fort Myers Beach, for example, announced this year that the area has been losing \$2.6 million per day because of red tide, Parsons says. "The economic impacts are huge."

What causes red tide?

Poor water quality does not directly lead to red tide algal blooms, Parsons says. "Everyone assumes the cause of red tide is agricultural nutrients coming off the landscape, but it's not that simple. Red tides have existed for millennia."



A 2002 red tide bloom along Florida's west coast was clearly visible from orbit (top). This year's bloom, which has caused mass die-offs of fish and other marine wildlife, has hit Florida particularly hard because of its dependence on tourism.

Poor water quality can exacerbate the problem, but red tide algal blooms actually form far offshore, triggered by a natural cycle. Iron-rich dust from the Sahara scatters into the Atlantic Ocean and fertilizes the water, creating ideal conditions for *dinoflagellates* to thrive. The Florida coast is fairly shallow until about 100 to 200 miles out, where the gulf drops into extremely deep water. When those deep waters rise up toward the surface, they can bring in new nutrients that further feed the red tide.

Why was red tide so bad this year?

While scientists are still studying the connection between climate change and red tide, there "is clearly some sort of relationship," Savarese says. "For algae to bloom and thrive, warmer waters are important. The current Gulf of Mexico temperatures are unprecedented in recent history."

Warmer waters are just one of a "perfect storm" of factors contributing to the intensity of the current red tide, Parsons says. Other factors include more persistent winds blowing offshore blooms inland and "legacy" nutrients—litter, fertilizers, and wastewater runoff—from Hurricane Irma, which hit Florida in September 2017.

Red tide used to be more common in the winter, but even that's changing: the current red tide has been a continuous presence in Florida since October 2017. "I don't know when red tide season is anymore, and the reason I don't know is scary: there seem to be red tides year-round now," Savarese says.

With this bleak picture, is there any hope that the red tide may go away any time soon?

Yes, surmises Parsons. "It's hard to predict, but we are seeing the system change. Nutrients are moving into different pathways, which should basically starve the red tide. But things could change back at any time." 📍

JOSH CASSADA '00 (PHD)

Making History: An Astronaut Prepares for Flight



Josh Cassada

Josh Cassada '00 (PhD) is making plans to be part of the first US crew in history to journey to space in American-made, commercial spacecraft.

The spacecraft capsules, Boeing's "Starliner" and SpaceX's "Crew Dragon," are scheduled to carry astronauts to and from the International Space Station, beginning in 2019. Cassada and the rest of the crew will be the first astronauts to launch from

American soil since 2011, when NASA announced the end of its own space shuttle program.

Cassada, who has been training as an astronaut since 2013, would be the third Rochester alumnus to go to space, joining **Jim Pawelczyk '82** and **Ed Gibson '59** (who set a record in 1974 for his time on Skylab).

ANDREA KALYN '02E (PHD)

New England Conservatory: Meet the New President



Andrea Kalyn

The oldest independent school of music in the United States has a new president. In January, **Andrea Kalyn '02E** (PhD) becomes the president of the New England Conservatory, the internationally recognized Boston institution that was founded in 1867.

Most recently the dean of the Conservatory at Oberlin College, Kalyn will become the 17th president of the New England Conservatory.

A pianist, Kalyn is a scholar of American music of the 20th century. She earned her bachelor's and master's degrees from the University of Western Ontario.

JOSH SHAPIRO '95

Pennsylvania Investigation: 'Abuse Scarred Every Diocese'



Josh Shapiro

Pennsylvania Attorney General **Josh Shapiro '95** has become one of the nation's most prominent public officials investigating claims of child sexual abuse by clergy in the Roman Catholic Church. In August, Shapiro's office released the results of a two-year grand jury investigation that alleged more than 300 priests in the state's dioceses had abused more than 1,000 children over decades.

Considered one of the most comprehensive investigations of such claims, the 884-page report also alleged that senior church officials often covered up the abuse. The grand jury recommended changing the state's criminal and civil statutes of limitations on sexual abuse to allow those who were abused as children to reopen their cases.



LIFETIMES

Researcher, Scientist, Diplomat: Norman Neureiter '52

One of the world's best-known science diplomats, **Norman Neureiter** '52 has lived a life that reads like a novel, with compelling settings, political intrigue, and a global cast of characters. The story of the one-time advisor to Richard Nixon, Madeleine Albright, and Colin Powell could be written in six languages: he reads and speaks German, Russian, Polish, French, Spanish, and Japanese.

Widely honored over the course of his more than 40-year career for his efforts to share scientific and technological information and negotiate cooperative agreements around the world, Neureiter this summer received the Distinguished Alumnus Award from the School of Arts & Sciences.

My childhood

My father was an Austrian immigrant who came to the US to teach college chemistry and science in Illinois. My mother was a farm girl who made wonderful jams and jellies. When I was about five years old, our family moved to Geneseo, New York, as my father took a teaching position at the college there.

My passion for language

Although my father was fluent in German, he never spoke it at home. This was around the time of the Second World War, when

speaking German was not something many in the US did. In high school, I took to Latin quickly, and my affinity for language flourished in college.

When I started at Rochester, I recall my dad telling me to study whatever I wanted but to learn Russian because it would be very useful someday. It was the best advice I was ever given.

For a short time, I even taught Russian. That was back in 1957, when Sputnik went off.

My Rochester days

Four years at Rochester influenced me greatly. It was a pivotal time for me, including working at WRUR, being a letter sorter in the post office downtown, selling vanilla ice cream on a stick at a local theater, and even working for the famous wrestler, Gorgeous George, when he came to town. My job entailed walking him into the ring and helping him remove his robe for dramatic effect.

My time as Fulbright scholar

After Rochester, I went to Northwestern University, where I earned a PhD in chemistry. During graduate school, I went to Munich, Germany, as a Fulbright scholar. This was exactly 10 years after the war. American occupation had officially ended.



STUDENT & DIPLOMAT: Neureiter (center, opposite) talks with former American Ambassador Walter J. Stoessel (left) and a colleague (right); and Neureiter's yearbook photo (opposite, below) as an undergraduate.

When Ivan Came to the Fair

In the January 1960 issue of *Rochester Review*, Neureiter published "Ivan Came to the Fair," an article about the Russian exhibition where he was a guide. He wrote that the cultural fair showcased "the very credible collection of American gadgetry, household items, clothing and consumer goods, including 18 automobiles, a color television studio, and a model home (\$14,500)."

Neureiter's final words in the article read, "Let us not just flex our military muscles, rather let us strengthen ourselves from within, let us solve our own problems, eliminate our own injustices, and thereby demonstrate that America is indeed a fitting model for the rest of the world."

All around me, I saw destruction. So much was in ruins and I thought to myself: What for? Why war? I decided then that I wanted to do what I could to make the world a little better and more peaceful. It sounds idealistic and naive, but it set the course for my life.

My early career

After the Fulbright, I went back to Northwestern to complete my graduate work. Then I went to work as a research scientist at Humble Oil, which later became Exxon, and I was there for about five years. The State Department put a call out looking for Russian interpreters. At that time, a top-ranking Russian official, Alexander Topchiev, was coming to the US to give a series of organic chemistry lectures at universities across the country. The real purpose of his visit, though, was to discuss, in closed-door meetings, the control of nuclear weapons. As a chemist who spoke Russian, I translated the lectures and the secret meetings.

My first time in Russia

My wife, Georgine, and I met at Northwestern. We've been married 60 years now. A three-month trip to Moscow turned out to be our honeymoon. I had accepted a position as a guide for a cultural exhibition to be held there. Its purpose was to show how American life was. The Russians previously held an exhibition in New York City.

My continued global service

After the Russian exhibition, I returned to Humble Oil for two years and subsequently went to work for the National Science Foundation. I directed a program, started by President Kennedy, that was committed to developing diplomatic science programs with Japan. I eventually learned Japanese and spent quite a bit of time there.

After the NSF, I became a foreign service science officer for the State Department. I worked in Germany, Poland, Hungary, Czechoslovakia. Eastern Europe was behind the iron curtain, and the people who lived there did not have experience with science officers or even with Americans. Sometimes, they thought we were spies. Other times we were followed, and our house was bugged. Knowing that, Georgine and I would turn on the faucet and whisper if we had anything private to discuss.

My time with the State Department

While we were living in Poland for the State Department, a colleague rang to say he was going to retire as the international advisor to the White House Office of Science and Technology. He asked if I wanted the job. I took it.

The late 1960s and early 1970s were interesting

international times. There was Vietnam, of course. And there was also China. The US had lacked a formal relationship with China since 1949, but President Nixon and Secretary of State Henry Kissinger changed that. They asked my office to come up with some ideas, and we presented 40 joint science initiatives. When an official communiqué was issued, we were excited to see that science cooperation was included. It became a key part of our country's relationship with China back then. Before his resignation, Nixon closed the Office of Science and Technology. I then went to Texas Instruments, where I was a marketing executive for 25 years and worked around the US, Europe, and Asia, spending five years in Japan.

My commitment to science diplomacy

Science diplomacy is such a key part of fostering cooperation among countries. By the early 1990s, interest and support for it seemingly waned. The scientific community thought the government had forgotten that



MEDALIST: Gloria Culver, dean of the School of Arts & Sciences, awarded a Dean's Medal to Neureiter this summer to recognize his achievements and service.

science can be an important tool for engagement. The pendulum began to swing back in its favor, though. After I retired from Texas Instruments, I was invited to join the Department of State as its first science advisor to Secretary Madeline Albright and then Colin Powell.

Following a three-year term, I was asked to join the American Association for the Advancement of Science. I became very involved in science diplomacy with countries where our overall relationships were strained: Burma, Cuba, Iran, North Korea, and Syria. I remain involved, particularly in activities with North Korea. I have visited there five times, as we try to use science diplomacy as a tool for engagement. Stay tuned.

With so many countries having access to nuclear warfare and biochemical and other weapons, science diplomacy is more important now than ever. Committing to it helps us all understand how to use science and technology responsibly, which undeniably helps keep the world at peace. **R**

As told to Kristine Thompson.

Class Notes



CLASS PORTRAIT: Members of the Class of 1968 from the College and the School of Nursing gather for a photo after a ceremony in which they each received a University medallion in acknowledgment of their 50th reunion. For more class reunion photos, see pages 62 and 63.

College ARTS, SCIENCES & ENGINEERING

1950 Kenn Hubel writes: "I was delighted to receive notes from classmates responding to an email requesting summaries of their 68 years of living since graduation at Eastman Theatre." Kenn passes along these updates: **John Wermuth**, blessed with support from the GI Bill, earned an MBA at Harvard in 1952; married Marilyn, a Denison graduate; and commenced a family (four sons and one daughter) in 1955. He was CFO for Acheson Industries before starting his own business marketing insurance and staying active (tennis until two years ago and frequent bridge). John and Marilyn have lived in Elm Grove, Wisconsin, since 1958, where John is still active as a program chairman in Kiwanis. He can be reached at wermuth@prodigy.net. . . . **Hugh (Bud) Garvin**, following a year of graduate study and five years of ROTC, fulfilled his Navy duty as an electronics officer on ships in the Atlantic and Mediterranean for two years and then served an

additional two years in the Guided Missile Service. He married **Shirley Gantz** '52, '53N and then completed requirements for a PhD in physics at UC Berkeley in 1959. Until 1963 he worked on the design of systems to generate electricity from nuclear reactions in space equipment and then joined the research staff at Hughes Research Labs in Malibu, where he worked on many challenging projects. The Garvins had a son and twin daughters and now have six grandchildren. They still live in the Malibu home that they have enjoyed for 40 years, but Bud acknowledges their concerns about threats from fires and earthquakes on the California coast. He can be reached at MBUHLNSCG@msn.com. . . . **Sallie Turner Guy** married **John Mount** '47, who became a Presbyterian minister and died tragically in an auto accident in 1960 at the age of 34. Six years later, Sallie married Lt. Col. Carroll Guy, an Air Force pilot and widower with three daughters. Upon retirement, they moved to Kentucky Lakes and lived there until his death in 2010. Sallie now lives in a retirement community in Crossville,

Tennessee. She has been a hand weaver since 1962; she taught workshops across the US and twice in New Zealand and has produced two instructional videos. She also spins and enjoys watercolor and the role of grandmother and great-grandmother to her eight grandchildren and six great-grandchildren. She can be reached at guy.sallie@gmail.com. . . . **Dvorah Goldman Kolko** writes: "I started at the University as Dvorah Goldman and graduated as Dvorah Kolko, as I married after my junior year. We have four sons: one in Rochester, two in Pittsburgh, and one in New York City. There are seven grandchildren and one great-grandchild. I earned a teaching degree in 1949 from Nazareth College and tutor now at 35 schools. I have lived in the same home for 67 years. Hello to everyone." Dvorah can be reached at dmkolko@gmail.com.

1951 Last April, the University of Scranton honored **Dave Ocorr** with the naming of Dave Ocorr Way, a walkway leading to the entrance of the university's new baseball stadium and athletic complex. The walk-

way honors Dave's "leadership, dedication, and contributions to the University of Scranton and the City of Scranton," which he provided as the university's athletic director and baseball coach from 1968 to 1974. Dave also coached at Rochester for 12 years following his service in the Navy and was Rochester's director of athletics from 1974 to 1981.

1952 Shirley Gantz '53N (see '50). . . . **Chesley Kahmann** has released a CD, *Long Live and Love* (Orbiting Clef Productions), her 12th recording with her singing group, the Interludes.

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

MEDALLION REUNION

OCT. 3-6, 2019

Rochester.edu/alumni/class/1959

1959 Nancy Bates Carlman

writes that she and **Barbara Merritt Roberts** spent a weekend in May together in Vancouver, British Columbia, where Nancy lives. "We spent our junior year abroad in Edinburgh, Scotland, but we had not seen much of each other since we graduated in 1959. After many years living in Texas, Barbara now lives in Bellingham, Washington, only about 45 minutes from Vancouver. While Barbara was in Vancouver, we took a drive to Whistler, where, instead of skiing, we enjoyed a visit to the Audain Museum of Northwest Coast Art. The photo was taken in the town of Whistler in front of the 2010 Winter Olympics Rings. Perhaps we will make it to our 60th reunion in 2019." . . . **Tom Worosz** writes: "In July 2018, I traveled to Iceland with two of my grandsons, Sam and Jack, for a week of adventure and fun. We learned about Viking culture, saw magnificent scenery, whitewater rafted in 50-degree water, snorkeled in the Silfra Rift's freezing clear water, and enjoyed the comforting warm waters of the Blue Lagoon. The boys had a great time, and I am able to say, 'Been there, done that.' I created a blog that details our adventures with prose and pictures at www.papasicelandadventure.blogspot.com." Tom sends a photo of him and his grandsons in their drysuits, dressed for snorkeling. He adds that he also "took a month-long trip in August: eight days through the Baltic countries of Estonia, Latvia, and Lithuania followed by a 22-day journey throughout Poland, birthplace of my father. I hope to see you at our 60th reunion in fall 2019."



1951 Ocorr



1959 Carlman



1959 Worosz



1962 Rosen

1960 Lt. Col. **Don Hart**, retired from the Air Force, was presented with the Governor's Veterans Service Award by Florida Governor Rick Scott. The ceremony was held at Camp K-9, the headquarters of K-9s for Warriors in Ponte Vedra, Florida, where Don has volunteered in various capacities for a number of years. The organization is the nation's largest provider of service dogs to military veterans suffering from post-traumatic stress disorder (PTSD) and traumatic brain injury (TBI).

1962 John Marciano is coauthor of *The Russians Are Coming, Again: The First* CONTINUED ON PAGE 65



1964 Allen

SENSATIONAL 65TH: Members of the Class of 1953—John Braund, Ray Hasenauer, James Symonds (back row); Anthony DiVasto, John Schottmiller, Joan Riley Pitts—celebrated as part of Rochester’s Medallion Reunion program, which recognizes graduates after their 50th-reunion year.



MELIORA WEEKEND: REUNION 2018
Celebrating Reunion

More than 1,100 alumni celebrated class reunions during Meliora Weekend in October. As part of each milestone gathering—this fall marked the five-year intervals for class years ending in 3 and 8—members of the classes gather for activities and other events, including dinners at venues on campus and throughout Rochester.

For more about reunion, visit Rochester.edu/melioraweekend.



2013



1993



1978



1983



2008





ROCHESTER: Acoye Downer '21 (foreground), Gabriel Guisado '19, and Julia Norwood '20 of the National Society of Black Engineers join alumni and others to ready the grounds for the change of seasons at the M. K. Gandhi Institute for Nonviolence.

GLOBAL DAY OF SERVICE

Making a Difference

Alumni bring the spirit of Meliora to their local communities.

More than 250 alumni, parents, and friends in 18 cities volunteered to help their home communities with gardening, tree planting, collecting and sorting food and supplies, and taking part in other service projects to mark Rochester's second annual Global Day of Service in September. Modeled on Wilson Day, the University's annual day of community service for first-year students, the day is organized by alumni volunteers who work with local community organizations and nonprofit agencies to marshal people to help with select projects.

Drawing inspiration from a famous saying of George Eastman's—"What we do during our work hours determines what we have; what we do in our leisure hours determines who we are"—volunteers shared the spirit of Meliora with communities in New York City, Baltimore, San Francisco, Phoenix, Denver, Rochester, Boston, and many others. **R**

For more about the annual Day of Global Service, visit Rochester.edu/alumni/service.



BALTIMORE: Genevieve Chawluk '04 (left); Dino La Fiandra '91; his daughter, Olivia; Lisa Corbett, the sister of Ruth Ann Scoles '09; Jackie La Fiandra '92; Elisabeth Mekosh '11; and Scoles (back to the camera) assemble food packages at the Baltimore Hunger Project. The organization, which was founded by Lynne Kahn '91, helps support children who don't have adequate access to food by delivering supplies to families during the weekends, when kids are out of school.



SAN FRANCISCO: Arden Witheford '12, Cara Kessler '15, Kaitlin Carragher '12, and Eva Hansen '18 work with Friends of the Urban Forest, an organization that helps add and maintain greenery in neighborhoods in San Francisco.



NEW YORK CITY: Before fanning out to help deliver Meals on Wheels to home-bound seniors in the Bronx, alumni and friends mark the day with a photo: (back row, left to right) Tavrean Parker, Lee Burnley '83, Elana Naimi '17, Clara Choi '17, David Bournas-Ney, Emily Hart '12, Joshua McCough '17, Jason Wang '09, Alex Gifford '13, and Micheleen Karnacewicz '83; (front row) Samantha Lish '16, Ellen Swanson, and Mavis Gifford '13.

CONTINUED FROM PAGE 61 *Cold War as Tragedy, the Second as Farce* (Monthly Review Press). John is a longtime activist and professor emeritus of education at SUNY-Cortland. . . . **Bob Mead** has been recognized for his leadership of the systems integration division of the Lone Star Unmanned Aerial Systems Center of Excellence and Innovation at Texas A&M University, Corpus Christi. The integration division has ranked first for the last three years. . . . **Arthur Rosen** '68 (PhD) sends a photo of himself and his youngest grandson, Ross, during Ross's Bar Mitzvah at the Western Wall in Jerusalem last August (see page 61). . . . **Tom Tiffany** has written and illustrated a book of poetry and other writings, *Life Doesn't Rhyme with Orange* (CreateSpace), relaying life lessons he's learned from experience over the years.

MEDALLION REUNION

OCT. 3-6, 2019

Rochester.edu/alumni/class/1964

1964 Tina VanRensselaer Allen sends a photo and writes: "These 13 women first met at Frosh Camp in September 1960, as entering members of the Class of 1964. Over the last two decades they have met every two or three years in locations ranging from Napa Valley to Charleston, South Carolina, to celebrate and renew their friendships. This year's gathering took place in Washington, D.C., in June." Pictured from left to right on page 61 are **Joan Bertinelli Tobey, Judy Swoyer Johnstone, Marcia Canary Babb, Bonnie Kerzman Cook, Jean Bunting Mitchell, Ann Abelow Siegel, Patricia Earnest, Tina, Linda Sanders Warner, Carole Leone, Patti Lorbach DiBella, Judith Sutton Drake** '65W (MA), and **Bonnie Fish Welch** '64N. . . . **Marion Bartlett VanArsdell** has published a book, *"I Teached Him to Talk": Stories of Children with Autism* (Levellers Press). Marion chronicles two years she spent with children participating in an intensive public school program she designed for young children with autism spectrum disorder.

1965 Gary Noyes '67 (MS) (see '51 Graduate).

1966 Betsey Weingart Cullen and **Nancy Sharples** send a photo from a minireunion in Chautauqua. Pictured are (first row, left to right) **Cheryl Anderson Jolley,**



1966 Cullen and Sharples

Barbett Wikfield Wood '66N, **Sandy Didenko Varney, Alice Reid Beckwith, Cathy Feuer Owen, Sue Ellen Kraff Liebman, Helen Scannell Thomas** '66N, **Marion Marsh Nesterenko**; (second row, left to right) **Carol Gill Anderson, Gail Bass Arnoff, Meichelle Hull Norell, Nancy, Rosalie Elespuru Lijinsky, Margaret Clarey Mendrykowski, Sheila Taylor Knopke**; (third row, left to right) **Charlotte Olson Roth** '84N, **Bonnie McLellan Brewer, Janet Ingalls Burchett** '69W (MA), **Martha Turner Johnstone, Dorothy Lebach, Betsey, Kristin Bing Peckman, Gail Rowell Starr**; (top row, left to right) **Pat Erdle Anderson, Jane Davis Torrens** '68W (MA), **Sharon Porter Kavanagh, Mary Whittlesey, Phyllis Dalton Modley, and Jane Speyer Weber** '67W (MA).

1967 Ira Schildkraut writes that he has completed 50 years of secondary school teaching: 35 years at Freeport High School in Freeport, Long Island, New York, followed by 15 years to date at Rambam Mesivta High School in Lawrence, Long Island, and Shalhevet High School for Girls in North Woodmere, Long Island. He continues at Shalhevet in the fall, beginning his 51st year of teaching. . . . **George Shaw** is coauthor of *Navigating the Energy Maze: The Transition to a Sustainable Future* (Springer). He's a professor emeritus of geology at Union College in Schenectady, New York. . . .

Bernie Zimmerman is chair of the Nevada County Historical Landmarks Commission and coauthor of *Exploring Nevada County: Historical Landmarks* (You Bet Press).

1968 Susan Testa Hawkshaw writes that she's published a book, *Aldo Parisot, The Cellist: The Importance of the Circle* (Boydell & Brewer). Parisot retired in June after 60 years at the Yale School of Music. Susan is a musicologist on the faculties of both Albertus Magnus College and the University of New Haven. . . . **Chuck Smith** writes: "After retiring from the EPA and then working part-time for the EPA for another 12 years, I am finally fully retired. I have begun to send some of my short plays to far-flung community theaters. *Meeting Acute* was done in Tampa; *Fluent* was done in Pennsylvania near Penn State and in Flagstaff, Arizona; and *Romantic Comradery* was done this summer in a local Virginia one-act festival and won Best Actress, Best Original Production, and Best Script."

50TH REUNION • OCT. 3-6, 2019

Rochester.edu/alumni/class/1969

1969 Sharon Fralonardo Chiumento '69N has published a book, *Prehospital Detective: Analyzing Clues to Enhance Patient Care* (Sharon Chiumento), a handbook for EMS and other prehospital care providers. "My career has bridged both nursing and EMS as a paramedic through the years," she writes. The book "compiles much of

the information I gleaned through my career along with many recent updates, into a resource book that can be utilized by anyone involved in treating patients in the prehospital environment."

1971 Clayton Press has written a book, *Reds* (Linn Press), offering commentary to accompany the exhibit of the Mnychin Gallery in New York City that explores artists' use of the color red over a 60-year period following World War II. A noted art collector, Clayton is a contributing journalist for *Forbes* and

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Issue	Deadline
Winter 2019	December 15, 2018
Spring 2019	March 15, 2019

an adjunct professor in art market economics and history at New York University.

1972 Eliza Rogers Gouverneur, a retired librarian who raised four children, has published a poetry collection, *Kiddushin* (Modern Memoirs), that deals with “moments in the life of a contemporary Jewish family, touching on the joys and loneliness of a wife, the intersection of Shabbat and Little League, and the humor and struggle of raising adolescents.”

1973 Thanet Aphornsuwan has published a translation into Thai of Karl Marx’s *Pre-Capitalist Economic Formations* (Sommadhi Press). Thanet is the director of the Association of Southeast Asian Nations studies program at the University of Thammasat in Bangkok.

... **Penny Drue Baird**, an internationally recognized interior designer and founder of the firm Dessin, has published her fourth book, *On Interior Design* (Images Publishing).

... **Barry Friedman** writes: “It’s a small world after all! Forty-five years after graduation, **Paul Babiarz** and I work together as professors in the business school at the State University of New York at Oswego. I earned my PhD in industrial/organizational psychology soon after graduation, worked in industry for 25 years, then joined the faculty at SUNY Oswego. Paul enjoyed industry leadership roles in process improvement, international marketing, and earned three patents for new products.” ... **Nina Ginsberg** was sworn in as president-elect of the National Association of Criminal Defense Lawyers at the group’s annual meeting last July. Nina is a founding partner of the firm DiMuro Ginsberg in Alexandria, Virginia, outside Washington, D.C. ... **Steven Hahn** has been elected cochair of the Pulitzer Prize Board, on which he’s served since 2011. A professor of history at New York University, Steven won the Pulitzer Prize for history in 2004 for *A Nation Under Our Feet: Black Political Struggles in the Rural South from Slavery to the Great Migration* (Harvard University Press).

1977 Peter Friedenberg, a partner in the Boston law firm Sherin and Lodgen specializing in real estate law, has been included in the 2019 edition of the *Best Lawyers in America*. ... **Harold Paz** ’82M (MD) has been named by *Modern Healthcare* as among the “50 Most



1973 Friedman



1980 Holtzer



1981 Graham

Influential Physician Executives and Leaders.” Harold is executive vice president and chief medical officer of Aetna and an adjunct professor of internal medicine at the Yale University School of Medicine. He’s also the former senior vice president for health affairs and dean of the College of Medicine at the Pennsylvania State University and CEO of the Penn State Hershey Medical Center and Health System.



1979 Schreiber

1978 Michael Corp—chair of the tax, trusts, and estates and elder law and special needs departments at the Syracuse law firm Hancock Estabrook—has been selected for inclusion in upstate New York *Super Lawyers* for 2018. ... **Leslie Dunner** has been named conductor of the Academy Orchestra at the Interlochen Center for the Arts in Interlochen, Michigan. He was previously music director of Chicago’s South Shore Opera Company.

40TH REUNION • OCT. 3–6, 2019
Rochester.edu/alumni/class/1979

1979 Bob Bly has published *Charles Proteus Steinmetz: The Electrical Wizard of Schenectady* (Quill Driver Books), a biography of the scientist who developed the technology that underlies the modern electrical power grid. The book contains a foreword by Richard Heist, the professor of chemical engineering at Rochester who taught Bob thermodynamics. ... **Rick Peltzman** (see ’11). ... **Elliot Schreiber** writes that he was vacationing in France when he

met **Christine Wilcosz-Thompson** ’54E, who, like him, was staying at Château Dordogne. “I hoped I could pick up a few musical tips from Christine, who has been a talented musician for over eight decades,” he writes. Elliot lives in New York City and is counsel at Assured Guaranty, and Christine lives in Chatham, Ontario, where she teaches voice, piano, and music theory. ... **Marty Stern** ’80S (MBA) (see ’11).

1980 Amy Goldblatt Holtzer writes that she and several classmates got together for a James Taylor/Eagles concert in Washington, D.C., last summer. Pictured from left to right are Amy, **Susan Elbe**, and **Susan Eckstein Gaynor**.

1981 Dan Blumenthal was elected as fellow of the National Academy of Inventors. According to the academy’s website, “The NAI Fellows Program was established to highlight academic inventors who have demonstrated a prolific spirit of innovation in creating or facilitating outstanding inventions that have

made a tangible impact on quality of life, economic development, and the welfare of society.” The program has 912 fellows worldwide representing more than 250 universities and governmental and nonprofit research institutes.” As a group, fellows hold more than 32,000 issued US patents which have generated more than 9,400 licensed technologies and companies. Dan is a professor of electrical and computer engineering at the University of California at Santa Barbara. . . . **Tony Graham** writes on behalf of several of his Theta Chi brothers who attended a Theta Chi reunion on Long Island in September. Tony, **Mark Taft**, **Michael Tatarek**, **George Roden** '83S (MBA), **David Friedman**, **William Hermance**, and **Wally Wolf** were among those who gathered for “lots of laughs recalling classes, spring on the Fraternity Quad, road trips, Theta Chi events, the Rathskeller (the “Rat”), our cooking, and Genesee Beer.” . . . **Karin Roberts** writes: “After 19 years at the *New York Times*, I’m now working for NBC News Digital as a news editor. I started on the news desk in February and am now working for the medical unit as a health editor.” Karin invites health news pitches from classmates at karin.roberts@nbcuni.com.

35TH REUNION • OCT. 3–6, 2019
Rochester.edu/alumni/class/1984

1984 Steve Zoeller writes: “I returned to campus along the route I took many times while attending the U of R on my bike! The 7-day, 380-mile ride took me from Dutchess County, New York, over the Catskills, along the Southern Tier, into a detour into Pennsylvania, and through the Finger Lakes Region. If you’re interested in going for a ride or just getting in touch, contact me at steven.zoeller@gmail.com.”

1985 Sascha Feinstein has edited *Understanding Hans Hofmann: Reflections by Sam Feinstein* (Provincetown Arts Press), a book of reflections by his father, artist Sam Feinstein, on his friend and fellow abstract expressionist painter. Sascha is the Robert L. and Charlene Shangraw Professor of English at Lycoming College.

1987 Dave Abrams (see '89). . . . **Julie Taddeo** '97 (PhD) is coeditor and contributor to *Conflicting Masculinities: Men in Television Period Drama* (I.B. Tauris). She

teaches Victorian and 20th-century British culture at the University of Maryland, College Park.

1988 Capt. **John (JC) Carter** (see '89). . . . Capt. **Scott Duggan** (see '89).

30TH REUNION • OCT. 3–6, 2019
Rochester.edu/alumni/class/1989

1989 Ken Carter has been named vice president of claims at Merchants Insurance Group in Buffalo. . . .

Jennifer Traylor Kruschwitz '95 (MS) is an assistant professor at the Institute of Optics and has published a book, *Field Guide to Colorimetry and Fundamental Color Modeling* (SPIE Press). . . . “Hello from West Africa,” writes **David Stier**. “I am a member of the United States Foreign Service and I am completing my two-year tour of duty here at the US Embassy in Ouagadougou, Burkina Faso, before returning to Washington.” He sends a photo and notes that the monument behind him is the Monument to Martyrs, a national war memorial. . . . **Mark Zaid** writes that Capt. **Scott Duggan** '88, who began his naval career as an NROTC at Rochester, retired after 30 years of service. Mark and several Sigma Phi Epsilon brothers attended Scott’s retirement party. Mark sends a group shot of (left to right) **Dave Abrams** '87, Capt. **Scott Fuller** '91, Capt. **John (JC) Carter** '88, Mark, and **Royce Haddad** '91.

1990 Jason Korosec writes that he’s joined Roku to lead the development of Roku Pay. After several months traveling back and forth between the company’s New York City and California offices, he now works in the company’s Los Gatos, California, office, and lives with his family nearby. . . . **John Sotomayor**, publisher and executive editor of start-up magazines *Elevate* and Spanish-language counterpart *Elevar*, writes that *Elevar* and *Elevate* received the Charlie Award (first place) and Silver (second place), respectively, for Best Digital-Only Magazine at the 2018 Florida Magazine Association Charlie Awards banquet last August in Orlando. (See photo, page 68.)

1991 Christine Flanagan, an associate professor of English at the University of the Sciences, in Philadelphia, has published the book *The Letters of Flannery O’Connor and Caroline Gordon* (University of Georgia Press). . . . Capt. **Scott**



1984 Zoeller



1989 Stier



1989 Duggan



1990 Sotomayor



1995 Spivak



1998 Koenig



1999 Gong



2001 Patounas



2002 Pomerleau



2009 Padmaraju



2009 Ziegler

Fuller (see '89). . . . **Royce Haddad** (see '89).

1992 Donald Chilcote writes, "I've been quite busy in the last couple of years, writing original and hymn-tune preludes for church services in Cleveland and Columbus, Ohio." Donald has also written several travelogues. He maintains a website at 88keys4kids.com.

1993 Abe Dewing and **Robert Lee** send photos from an Alumni Relations-sponsored minireunion of Boston-area alumni (See "Boston Alumni Bash," right).

1995 Andy Spivak writes: "In September 1991, my wife, **Jill Robinson Spivak**, and I met for the first time while living on the second floor of the Susan B. Anthony dorm. Somehow, we hadn't been back to campus as a couple since we graduated 23-plus years ago! It was absolutely surreal to now share our beloved campus with our three beautiful children, Claire, 9, Ray, 7, and Kate, 2. WE – R (clap, clap), U – R (clap clap)!"

1996 Christine Tebaldi Eldin '96N, '01N (MS) (see '98). . . . **Jonathan Hovey** graduated last May with a master of science degree in strategic analytics from Brandeis University. He's a senior data analyst at Dell in Hopkinton, Massachusetts, and is married to **Michelle Boucher Hovey**. They have two boys, Ethan, 9, and Matthew, 7, and live in Grafton. . . . **Laura Stevens** has been promoted to executive vice president and general counsel of the education and technology company Cengage, in Boston.

1997 Michael Goldberg (see '98).

1998 Lindsay Greene Koenig writes that she and several classmates had a minireunion in Newton, Massachusetts. Pictured are (back row, left to right) Lindsay, **Becka Hart Goldberg**, **Lorye Wexler Peddie**, **Christine Tebaldi Eldin** '96, '96N, '01N (MS), **Amy DiVirgilio Fanikos**; (front row) **Tim Fanikos**, and **Michael Goldberg** '97.

20TH REUNION • OCT. 3–6, 2019
Rochester.edu/alumni/class/1999

1999 Marla Bruns '00M (MS) was featured in *Neurology Today* in an article titled "Off the Clock: Marla Bruns, MD, PhD Dancing through Life—Why She Trades Her Doctor's

Jacket for Ballroom Glitz." A neurologist with Rochester Regional Health, Marla competes in ballroom tournaments. She writes: "I do reference the annual Viennese Ball! I'm a dementia specialist, though, not a movement disorder specialist as misprinted." . . . **Amanda Cronkhite** writes: "I successfully defended my dissertation in political science at the University of Illinois on June 22. My research specialty is political communication and behavior, with a focus on Latin America. In July, I started a position as a post-doctoral researcher at the Army War College in Carlisle, Pennsylvania." . . . **Melissa Gong** sends a photo and writes: "My family vacation included an impromptu visit to the U of R. I was so happy to share the campus with my kids. I also had an amazing journey switching careers recently to become an intensive-care-unit RN on Long Island. Thank you to the summer ambassadors we bumped into who helped to take this gorgeous family photo." . . . **Stephanie Rickard** is an associate professor of political science at the London School of Economics and has published *Spending to Win: Political Institutions, Economic Geography, and Government Subsidies* (Cambridge University Press).

2001 Ellie Patounas welcomed a second daughter, Katerina, last May. She sends a picture of Katerina with her big sister, Ourania.

2002 Marcel Pomerleau sends a photo and writes about his participation in Pride last June. "At Skydive California in Tracy, California (one hour east of San Francisco), we celebrated with the Pride Boogie." The photo shows Marcel (second from the left) participating "in a rainbow smoke jump," in which jumpers prepare to unfurl a rainbow flag.

2008 Mark DiFiore has been named a partner at Davis Polk & Wardwell in New York City. He is part of the firm's derivatives and structured products group. . . . **Julie Grossman** writes that she was named the 2017-18 Maryland School Psychologist of the Year. She sends a photo of herself with her award, which she won after four years as a school psychologist in Prince Georges County Public Schools. Julie provides individual and group counseling to students at three elementary schools, consults with teachers, and conducts psychological assess-



BOSTON: From the Class of 1993, (front row) Abe and Robert; (back row) Mary Ruhl, Shari Freidkin Noe, Jennifer McMahan Gonzalez, Kim O'Brien Roskiewicz, Michelle Wertz, and Cathy Coniaris Vakalopoulos.



ALUMNI: Philip Katz '12, Samara Schwartz '11, Paul Alperin '11, Bekah Goldstein '11, Roy Mounier '96, and Kim Etingoff '10.



BASH: Kim Etingoff '10, Mariana Stone '11, Bekah Goldstein '11, and Samara Schwartz '11.

A Boston Alumni Bash

Last September, 25th reunion committee member **Abe Dewing** '93 organized a Boston-area alumni minireunion at Buff's Pub in Newton, Massachusetts. The gathering, facilitated by the Office of Alumni Relations, attracted quite a few alumni from the Class of 1993 as well as other, more recent graduates. Abe and **Robert Lee** '93 share group photos from the event. **B**

ments for special education. In addition, she designs and implements school-wide activities promoting children's mental health. In 2017, one of her schools was recognized as a "champion school" by the Children's Mental Health Matters Campaign in Maryland." Julie also serves parents of children with educational disabilities, teaches a class on behavior management for employees in her school district, and trains fellow school psychologists.

10TH REUNION • OCT. 3-6, 2019

Rochester.edu/alumni/class/2009

2009 Kishore Padmaraju writes that he married Komal Patel and sends a photo from the wedding. Pictured on page 68 are (from left to right) **Matt Magill**, **Scott Herman**, **Aja Kalkanoglu** '12N, **Aaron Gelinne**, **Megan Saunders** '10W (MS), **Noah Bennett**, **Matt Au**, **Gena Akers**, Komal, **Ben Hardy**, Kishore, **Derek Smith**, **Jon Widawsky** '07, **Tyler Kieft**, and **John Kreckel**. . . . **Amanda Ziegler** '10 (KEY) writes that she married Jason Watrous last May. Pictured on page 68 are (back row, left to right) Ky Lynch, **Michelle Desrosiers Heckman** '13W (MS), **Derek Crowe**, **Dawn Ryan**, **Lynne Klasko-Foster** '05, and **Jason Ludwig**; (front row, left to right) **Gracie Weinstein** '11, Amanda, Jason, **Deborah Philbrick**, and **Alicia Oddo** '11W (MS).

2011 Andrew Otis writes: "My book, *Hicky's Bengal Gazette: The Untold Story of India's First Newspaper*, published by Westland Books, came out in print last May. It is only available in India so far (due to foreign rights), but should hopefully be coming out in the US next year. Much of my research for this book came from my fellowships (O'Hern and Fulbright) so I have U of R to thank for much of this work." . . . **Aigerim Raimzhanova** has published a book, *Hard, Soft, and Smart Power: Education as a Power Resource* (Peter Lang). She earned a master's degree from Regents University in London, a PhD from the University of Bucharest and the Institute for Cultural Diplomacy in Berlin, and now teaches at Kazakh National University. . . . **Ben Witten** '12S (MS), '13S (MBA) works as a product marketing manager for End Point, a company cofounded by **Rick Peltzman** '79. "I first connected with Rick through **Marty Stern** '79, '80S (MBA) while I was serving on the Simon School Alumni Board



2012 Richlin

with Marty in Washington, D.C.," Ben writes. He adds that End Point develops Liquid Galaxy, an immersive panoramic media platform which has been used in events worldwide.

2012 Anna Richlin married Michael Millstein in Rockleigh, New Jersey, last May. Pictured from left to right are **Susanna Virgilio**, Anna, Michael, **Alyssa Epstein** '11, **Emily Duke Lappegaard** '11, and **Judith Plasky** '14.

5TH REUNION • OCT. 3-6, 2019

Rochester.edu/alumni/class/2014

2014 Dan Gorman '17 (MA) writes he published an article, "Abner Woolman's Colonial World: Quaker Politics and Literature Before the American Revolution," in the fall 2018 issue of *Quaker History*. . . . **Nicole Zizzi** had work she choreographed showcased at the Boston Contemporary Dance Festival last

August. Nicole performed her piece with Evolve Dynamicz, a modern and contemporary dance collective in Boston.

**Graduate
ARTS, SCIENCES & ENGINEERING**

1951 Gary Noyes '65, '67 (MS) shares the news that **Bob Ginsberg** (MS), a longtime friend of Gary's and fellow optics alumnus, died in July. "I first met Bob while I was a grad student at the Institute of Optics and he was instrumental in introducing me to Hughes Aircraft Co., where I wound up working for 30-plus years," Gary writes. Bob was born in North Dakota to Lithuanian Jewish immigrant parents. Before college, he served in the Army Air Corps during World War II and was navigator of a B-24 Liberator bomber on missions in Italy, Germany, and

Austria. After he earned his graduate degree at the Institute of Optics, Bob spent most of his career at Hughes Aircraft, where he worked on projects related to the US space program. But he began his career in Rochester at Bausch & Lomb, followed by four years as a research associate at the Institute of Optics, where he help fabricate special lenses for the wide-angle movie process first used in *Oklahoma!*

1966 Larry Klein (MS) has published *ITS Sensors and Architectures for Traffic Management and Connected Vehicles* (Taylor and Francis), his 10th book. He's a systems engineer and a leader in the development of worldwide standards to evaluate traffic sensors.

1967 Gary Noyes (MS) (see '51).

1968 Arthur Rosen (PhD) (see '62 College).

1970 Joseph Amato (PhD) has published a work of historical fiction set in the 1850s, *Buffalo Man: Life of a Boy Giant on the Minnesota River* (Crossings Press).

1984 Bharat Trehan (PhD) (see '88).

1986 Prakash Loungani (PhD) (see '88).

1988 Carsten Kowalczyk (PhD), an associate professor of international economics at Tufts University's Fletcher School of Law and Diplomacy, is the coauthor of



2013G Gaylo and Moynihan

Globalization: Strategies and Effects (Stringer-Verlag). Contributors also include **Prakash Loungani** '86 (PhD) and **Bharat Trehan** '84 (PhD), as well as Ronald Jones, a professor emeritus of economics at Rochester.

1995 Jennifer Traylor Kruschwitz (MS) (see '89 College).

1997 Julie Taddeo (PhD) (see '87 College). . . **Lynn Vavreck** (PhD) is a coauthor of *Identity Crisis: The 2016 Presidential Campaign and the Battle for the Meaning of America* (Princeton University Press). She's a professor of political science and communication studies at the University of California, Los Angeles.

2000 Marla Bruns (MS) (see '99 College).

2008 Catherine Marsh Agar (MA) has published *52 Words: A Vocabulary of Spiritual Mindfulness* (Verbal Images Press). She teaches writing at Keuka College.

2010 Jeremy Saucier (PhD) has coauthored *A History of Video Games in 64 Objects* (Dey Street Books). Jeremy is assistant vice president for interpretation and electronic games at the Strong National Museum of Play and editor of the *American Journal of Play*.

2013 Matt Moynihan (PhD) writes that he and **Alison Gaylo** '16M (PhD), '18M (MD) were married at Colgate Divinity School in Rochester. They're living in Pittsburgh, where Matt is a senior nuclear engineer at Bechtel and Alison is starting a dermatology residency at the University of Pittsburgh Medical Center. Pictured from left to right are **Andy Cox** '16M (PhD), '18M (MD), **Kyle Koster** '16M (MS), '18M (MD), **Sam Carrell** '16M (PhD), '18M (MD), **Ellie Frett Carrell** '16M (PhD), **Megan Cox** '13M (MD), '16M (Res), **Sade Fridy** '16M (MPH), **Adrienne Chesser** '15M (PhD), '17M (MD), **David Bruestle** '08E, '09RC, '17M (PhD), and **Katie Herman** '08E, '09RC, '17M (PhD).

2017 Dan Gorman (MA) (see '14 College). . . **Mitch Gruber** (PhD) was elected to the Rochester City Council in 2017. He's also the chief program officer at the nonprofit Foodlink. . . **Justin Winkler** (PhD) has joined the Institute for Defense Analyses in Alexandria, Virginia, as a research staff member.



1983E Salimando-Porter



1991E Lanners

Eastman School of Music

1954 Christine Wilcosz-Thompson (see '79 College).

1958 Francis Brancalone writes that two of his articles have been published in the spring 2018 issue of *Sacred Music*: "Georgia Stevens, R.S.C.J., Indefatigable Educator, and the Pius X School of Liturgical Music" and "Recollections and Reflections on the Palestrina Institute of Ecclesiastical Music: A Pioneer in Catholic Liturgical Music Education in Detroit (1943-1970)." He adds that he was also a coach for the one-piano, four-hands ensembles round of the New York International Piano Competition last June. "One ensemble I coached won first prize and another shared second prize," he writes. Francis has served on the screening panel for the competition since its inception in 2002.

1966 John Russo and the Tompkins County History Center have published *Ithaca Our Home: A Forty-Year Odyssey in Tompkins County* (History Center in Tompkins County). John writes that the book, which comes with a CD of his songs, is "a review of my life in music, here in the cultural and educational center of my native Finger Lakes." He adds that his musical odyssey "is a result of the great education I received at Eastman and the U of R 60 years ago."

1969 Vivian Goh (see '01).

1970 Robert Silverman (DMA) writes that he celebrated his 80th birthday "with all-Chopin recitals in several cities including Toronto and Vancouver, and a CD release of the composer's four scherzi on Marquis Classics." The latest recording is a follow-up to his 2017 album, *Chopin's Last Waltz* (IsoMike), which won the Best of the Month citation

from *Stereophile*. . . **Chris Vadala** writes that he celebrated 25 years as a professor of saxophone and director of jazz studies, with the title of Distinguished Scholar-Teacher, at the University of Maryland School of Music this year. In addition, he marks 25 years as first-call saxophonist with the National Symphony Orchestra.

1977 James McVoy (PhD) has published a book, *Fifty Birds in Fifty States* (James McVoy), telling of the 13-year quest of his and his wife, Sue, to identify 50 bird species in each of the 50 states. James is a professor emeritus of music theory and composition at West Chester University and a volunteer at Tri-State Bird Rescue in Newark, Delaware.

1981 Composer and vocalist **Akmal Parwez** (PhD) writes that last December, he attended performances of his "Vanishing Spring" for alto saxophone and harp at the University of Massachusetts-Amherst and of his "Happy Bells!" for mezzo-soprano, baritone, viola and piano at the Wild Goose Creative in Columbus, Ohio. In August, he was invited to sing at both of the Pakistani and Indian Independence Day celebrations organized by Queens Borough President Melinda Katz. He performed his settings of Urdu ghazals by his father, Afzal Parwez, Iqbal, and other poets, and Punjabi and Persian mystic poems of Bulhe Shah and Amir Khusrau. . . **Lucy Warner** (MA) has published her second children's book, *Zap! Bam! Now! Superheroes of Music* (Spring Promise Productions) featuring 12 more famous composers as superheroes. She's the chair of the music department at the Browning School in New York City.

1983 Lori Salimando-Porter sends a photo from the United States Military Academy Band, West Point, alumni weekend last June. She writes that the band performed "Quadrille" by Joseph Turrin, who received an honorary degree from Eastman in 2006. Included in the picture are Joseph Turrin (second from left), **Matthew Wozniak** '94, '97 (MA), '97 (MM) (third from left), and Lori (second from right).

1987 Lim Soon Lee (see '01).

1991 Tom Lanners (DMA), a professor of piano at Oklahoma



BUSINESS LEADERS: Kate Washington '04S (MBA) and Sean Flaherty '97, '06S (MBA) lead the Simon Business School's Alumni Board.

ALUMNI LEADERS

Meet the Cochairs: Simon Alumni Board

The Simon Alumni Board, a group of 30 business leaders, meets formally, hosts events, and shares advice with those who steer the school. But for cochairs Kate Washington '04S (MBA) and Sean Flaherty '97, '06S (MBA), the board they've led since its inception in 2016 is really about demonstrating ways alumni can help current and future students.

"Simon changed my life," says Flaherty, executive vice president of strategy at ITX Corp., a Rochester-based IT services and consulting company. "The school gave me a world-class education and it helped me build my network. This benefits not only the individual but also the school and the community at large."

Washington—the CEO of OWN Rochester, a nonprofit organization that helps launch worker-owned cooperatives in the community—agrees. "Our focus is on creating an environment for students to seek out the resources they need to launch their careers, be they connections to people or specific organizations, affinity groups, or areas of concentration."

Washington worked in the for-profit realm before her current position and served in board positions at various nonprofits. A professionally trained musician, she was an early, key supporter of Gateways Music Festival, which celebrates professional classical musicians of African descent. Her nonlinear career path resonates with students. "Most of my peers came from finance. Their goal was Wall Street, whereas today many want to bring their business acumen to the nonprofit world or as industry consultants."

Washington is most proud of the group's influence on Simon's culture. "Now more than ever, there are increased opportunities for students to learn from each other's diverse backgrounds, perspectives, and cultures. This helps build understanding while giving space for students to retain their identities and individual perspectives."

Says Flaherty: "I'm a huge fan of the Simon brand and I do what I can to promote and protect it. This includes supporting some of our employees as they earn their business degrees here."

"Watching them move through the program, gain new skills, and advance in their careers is exceptionally rewarding." 

—KRISTINE THOMPSON

For more information, visit, Simon.rochester.edu/alumni.

State University, writes that he taught at two international summer music festivals in 2018: the *AmiCaFest* in Italy in June and the *Shanghai International Piano Festival and Institute* in China in July. He writes: "My teaching and performing colleagues were eminent pianists and pedagogues who serve as faculty members at the Mozarteum in Salzburg, the Moscow Conservatory, the Manhattan School, Eastman, the New England Conservatory, and the Shanghai Conservatory, along with recent top prize-winners of the Chopin Competition in Warsaw and the Sydney Competition in Australia." In October, he served as a judge for the Texas Music Teachers Association's annual competitions and presented a session at the Music Teachers National Association convention in Washington, D.C. Pictured on page 71 are Tom (at far right) with (from left to right) Maxim Mogilevsky of the New England Conservatory faculty, Yuri Didenko of the Moscow Conservatory, and **Zhe Tang** '04 (DMA) of the Shanghai Conservatory.

1993 Linda Lister (MM) has released a CD, *Pleas to Famous Fairies* (Albany Records), including original compositions which she performs with pianist Amanda Johnston.

1994 Matthew Wozniak '97 (MA), '97 (MM) (see '83).

2001 Joshua Tan Kang Ming, associate conductor of the Singapore Symphony, has been appointed to the additional post of principal conductor of the Singapore National Youth Orchestra. The youth orchestra was founded by **Vivian Goh** '69 in 1980. **Lim Soon Lee** '87 was the principal conductor from 2005 to 2010.

2002 Andrea Kalyn (PhD) has been named president of the New England Conservatory, the first woman to hold the post in the institution's 151 years. Previously, she was dean of the Oberlin Conservatory of Music.

2004 Greg Hershberger writes: "I've rescued two rat terriers, Toogie and Ella, and applied for continuing studies at Washington State University in Pullman. Among other things, I have a Bar Method yoga gym that I attend a few times a year. Also, after about 10 years of yoga practice, I began to study the

barre method for improved marathon strength. There's a pretty good correlation." . . . **Zhe Tang** (DMA) (see '91).

2013 Lauren Haley has published a book, *Kids Aren't Lazy: Developing Motivation and Talent through Music* (PDP). She's a violin and viola teacher and founder of the Lauren Haley Studios in Houston, Texas.

2016 Phil Pierick (DMA) has released a CD, *Saxo Voce* (New Focus Recordings), along with fellow saxophonist Noa Even. Phil and Noa make up the duo *Ogni Suono*. The CD contains seven commissioned works, including one by **Zach Sheets** (MM).

School of Medicine and Dentistry

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

1964 Larry Nazarian (MD), '66 (Res) writes: "With sadness I report the passing of **Steve Kunitz** (MD), in April. After completing his training as a physician, Steve earned a master's degree in the history of medicine and a PhD in sociology. A prolific researcher and writer, he became an expert in the sociology of medical knowledge, the history of medicine, and the relationship between social change and morbidity and mortality. Widely traveled, Steve worked with natives of the Polynesian Islands, Australian aboriginal people, and the Navajo people, among others. His career involved many years on the faculty of the School of Medicine and Dentistry. He is remembered by his friends for his superb intellect and his wonderful sense of humor, manifested often by outrageous puns. Steve is survived by his wife, Izzie, daughter Lisa, son Daniel, and grandchildren Rachel and Joseph."

1979 Elizabeth Warner (MD), '83 (Res) is the coauthor, with **Adrienne Bonham** '10S (MS), '01M (Res) and James Woods, former chair of obstetrics and gynecology at Rochester, of *The Little Book of Menopause: Living*

the Challenges of Breast Cancer (University of Rochester Press). Elizabeth is a clinical professor emeritus of obstetrics and gynecology at Rochester; Adrienne is an associate professor of obstetrics and gynecology at Rochester.

1980 Wendy Schlessel Harpham (MD), a physician and cancer survivor, has published *Healing Hope: Through and Beyond Cancer* (Curant House). "Hope remains a vital element in the illness journey," she writes. "The topic of healing hope will resonate with anyone who has ever been a patient or cared for a patient." . . . **Robert Smith** (Flw) writes that a fourth edition has been published of *Smith's Patient-Centered Interviewing: An Evidence-Based Method* (McGraw-Hill). He adds: "I was a fellow in the consultation liaison group of George Engel in 1979-80 and on faculty as an assistant professor from 1980 to 1984." Robert holds the title University Distinguished Professor and is a professor of medicine and psychiatry at Michigan State University.

1982 Harold Paz (MD) (see '77 College).

1983 Elizabeth Warner (Res) (see '79).

1999 Teresa Herbert (MPH) has been named chief medical officer and vice president of medical affairs at Park Ridge Health in Hendersonville, North Carolina.

2000 Marla Bruns (MS) (see '99 College).

2001 Adrienne Bonham (Res) (see '79).

2004 Roger Di Pietro (Pdc) has published a book, *Decoding Persistent Depression: Book One—Mysteries and Mindsets* (Lulu), the first in a planned series on long-term depression. Roger is a clinical psychologist in private practice with offices in Rochester, Syracuse, and Baldwinsville, New York.

2016 Alison Gaylo (PhD), '18 (MD) (see '13 Graduate).

School of Nursing

1953 Shirley Gantz (see '50 College).

1964 Bonnie Fish Welch (see '64 College).

1966 Helen Scannell Thomas (see '66 College). . . . **Barbett Wikfield Wood** (see '66 College).

1969 Sharon Fralonardo Chiumento (see '69 College).

1984 Charlotte Olson Roth (see '66 College).

1987 Cynthia Connolly (MS), an associate professor of nursing at the University of Pennsylvania, has published *Children and Drug Safety: Balancing Risk and Protection in Twentieth-Century America* (Rutgers University Press).

1996 Christine Tebaldi Eldin '01 (MS) (see '98 College).

Simon Business School

1980 Marty Stern (MBA) (see '11 College).

1983 Panida Chotiyanon (MBA), a lecturer in finance at Thammasat University in Thailand, has coauthored *The Changing Role of the Management Accountants: Becoming a Business Partner* (Palgrave Macmillan). . . . **George Roden** (MBA) (see '81 College).

2004 Jacqueline Spaulding (MBA) writes: "My husband, John, and I moved to our dream destination, Monterey, California. I've been with Fidelity Investments since 2014, have earned my CFP designation, and work with clients on retirement and financial planning. Every time I talk about the efficient frontier, or eat Wendy's chili, I have fond memories of the late Professor Michael Barclay. Although I'm not retired yet, I feel as if I am every weekend, living in a vacation destination. I do not miss the Rochester winters!"

2010 Adrienne Bonham (MS) (see '79 School of Medicine and Dentistry).

2012 Ben Witten (MS), '13 (MBA) (see '11 College).

Warner School of Education

1965 Judith Sutton Drake (MA) (see '64 College).

1967 Jane Speyer Weber (MA) (see '66 College).

1968 Jane Davis Torrens (MA) (see '66 College).

1969 Janet Ingalls Burchett (MA) (see '66 College).

2005 Sue Schultz (EDD) received the 2018 St. John Fisher Trustees' Distinguished Scholar Faculty Award. She's an associate professor at St. John Fisher College's education school.

In Memoriam ALUMNI

Philip H. Tierney '36, June 2018

Eleanor Nicholson Humphrey '37, '41M (MD), June 2018

Marjorie Curtis Smee '41N, June 2018

Newton E. Thomas '42, August 2018

Robert H. Willoughby '42E, March 2018

Martha Nichols Rakita '43, July 2018

Gladys Burdick Becker '44N, May 2018

Roselle Goldstein Fine '44, September 2018

John D. Egan '45, September 2018

Ruth Hagood Lisso '45E, September 2018

Janet Fee Stark '45E, May 2018

Jean Bernhard Williams-Thompson '45, May 2018

William L. Connellee '46, September 2018

Marilyn Lester Losee '46, January 2017

Alta Cilley Palmer '46E, June 2018

Esther Dunn Shur '46, August 2018

Theodore F. Vanzandt '46, '49M (MD), June 2018

Richard E. Carlson '47, September 2018

J. Elizabeth French Engan '47, '47N, September 2018

Jeanette Riley Hunt '47, June 2018

Martha Bolles Keith '47, July 2018

John M. Malloy '47, March 2018

Frederick A. Mosby '47, June 2018

Susan Moore Pope '47, June 2018

Joan Sherwood Beers '48E, July 2018

John N. Campbell '48, May 2018

Peter S. Farrell '48E, '53E (MM), May 2018

Audrey McKissick Fernandez '48, '76 (MA), September 2018

Beth Bishop Flory '48, '50 (MA), May 2018

Louis B. Gordon '48E, '49E (MM), '62E (DMA), August 2018

Betty Jane Newman '48N, September 2018

Alan S. Rabson '48, July 2018

Janet Amendt Groover '49N, August 2018

Annette Wilson Marple '49, September 2018

Ruth Dean Morris '49E (MM), September 2018

Lois Bennett Sheats '49, June 2018

Laure Down Young '49E, August 2018

Barbara Wilt Beam '50, '51N, July 2018

Madeline Goldstein Haft '50, '57M (MS), May 2018

George W. Luckey '50 (PhD), September 2018

Theodore Pella '50, June 2018

Joyce Peters Wheeler '50E (MA), September 2018

John F. Finnerty '51, June 2018

Glenn C. Fowler '51, September 2018

Marilyn Bukowsky Friederich '51E, May 2018

Robert H. Ginsberg '51 (MS), July 2018

Willard F. Gordon '51, July 2018

Elizabeth Mayer Gries '51N, '56, July 2018

Norma Krause Hecker '51N, June 2018

Jean Jefferson Klein '51, June 2018

James A. Parr '51, July 2018

David C. Grimwood '52M (MD), July 2018

Joan Asher Henley '52, July 2018

Halford B. Johnson '52, May 2018

George J. Meyer '52M (MD), July 2018

Kay Sebiry Sarner '52, August 2018

Milada Steiner Vanselow '52, July 2018

A. Ferdinand Bonan '53M (Res), June 2018

TRIBUTE

Tristram Smith: A Humble ‘Rock Star’ of Autism Research

Our university experienced a tremendous loss in August with the sudden passing of Tristram Smith at the age of 57. Tris was the Haggerty-Friedman Endowed Professor in Developmental Behavioral Pediatric Research at the Medical Center. In part due to the far-reaching impact of his clinical autism research, in part because of his quiet wisdom and generosity, and in part because of his kind heart, he was well known, respected, and loved in the autism community in Rochester and nationally.

An early friendship with a young man with autism inspired him to apply to the doctoral program in psychology at the University of California, Los Angeles, where in 1983 he was accepted to work with O. Ivar Lovaas on the UCLA Young Autism Project. The research collaboration between Tris and Lovaas in the late 1980s and early 1990s provided the first demonstration that children with autism spectrum disorder could respond positively to behavioral interventions and that, for some children, intervention resulted in significant gains on assessment and clinical outcomes. This seminal work not only altered conventional wisdom regarding the possibility of interventions in autism, but also ignited advocacy efforts and provided both hope and a plan for many families.

In 2000, Tris joined the faculty of the Medical Center, where an interdisciplinary, federally funded autism research center had been recently established under the leadership of Patricia Rodier. With his collaborators, Tris was awarded a Studies to Advance Autism Research in Treatment (STAART) Center grant, thus beginning a very successful series of funded investigations based in Rochester. Acknowledging the significant role that families play in their children’s treatment, he collaborated on several multisite projects involving parents as well as children to address disruptive behavior and feeding challenges. Always mindful of how his research translated into meaningful outcomes for families, Tris recently focused much of his work on the application of evidence-based interventions in real-world settings. Through extensive collaborations with the community and researchers around the country, Tris led studies designed to support parents, educators, and other school personnel in helping children with autism access appropriate and high-quality services in home and public school settings—often with an emphasis on families who are traditionally under-represented in research.

Tris will be equally remembered for his kindness, integrity, creativity, and a quick and dry wit. Despite his many influential

accomplishments, we remember him as a gentle and compassionate person who shied away from the spotlight in favor of highlighting his collaborators and students. His collaborator, division chief, and friend of many years, the physician Susan Hyman, who often described Tris as a “rock star” in autism research, said, “He may have been unassuming, but when he spoke, everyone would listen.”

In his time at Rochester, he became a valued mentor to numerous students and other trainees. Many of us sought him out for his wisdom, and Tris shaped our careers with respect, gentle encouragement, and generosity of experience and credit. He saw the best in his mentees, as he did in everyone he partnered with—from researchers to families.

Despite all that he gave to his colleagues and mentees, Tris always saved the best of himself for his family. It was clear in watching them together that Tris was completely devoted to his wife, Jenny, son, Jonah, and daughter, Maddy. This love also shone through when he gave occasional updates on new family adventures, transitions, and accomplishments—always beaming with pride.

I first met Tris in the lobby of a hotel during an Association for Behavior Analysis International annual conference when I was an undergraduate student. He was kind enough to speak with me about a potential job as a research assistant on one of his newly funded studies. I was told by my undergraduate mentor that Tris was “such a nice man,” but also an exceptionally brilliant researcher. Intimidated, I sat down on an uncomfortable faux-plastic chair and handed over my CV. Tris walked me through a job description, asked me a few questions, but then—a huge smile overtaking his face—asked me if he could show me pictures of his new daughter. He and Jenny had just finalized the adoption, and he

was bursting to share the news. I entered that meeting ready to weigh the implications of doing research under the mentorship of a brilliant and accomplished man, but it was as we sifted through those pictures that I thought, “This is the kind of person I want to shape my future.”

—SUZANNAH IADAROLA

Iadarola is an assistant professor of pediatrics at the Medical Center.

Previously published in the Journal of Autism and Developmental Disorders. Edited and reprinted with permission of the author and publisher.



UNCONVENTIONAL WISDOM: At a time when autism spectrum disorder was widely considered untreatable, Smith’s research provided the first demonstration that children with the condition could respond positively to behavioral interventions.

Tris will be equally remembered for his kindness, integrity, creativity, and a quick and dry wit.

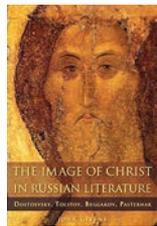
- H. Herbert Breneman** '53,
July 2018
- Walter A. Connolly** '53,
September 2018
- Leland A. Lillehaug** '53E (MM), '62E
(PhD), July 2018
- Frederick M. Miller** '53E (MM),
August 2018
- Alfred N. Schiff** '53,
July 2018
- Charles E. Wunderlich** '53E,
July 2018
- Joyce Lejeune Arvanetes** '54,
July 2018
- John F. Atkinson** '54,
May 2018
- Harold L. Bushey** '54M (MD),
January 2018
- Barbara Creaton** '54N (Dpl),
June 2018
- Jon E. Engberg** '54E, '56E (MM),
'70E (DMA), August 2018
- Crawford Gates** '54E (PhD),
June 2018
- Jean Rector Sullivan** '54,
June 2018
- Nancy Mills Wienecke** '54,
June 2018
- Mary Haskins Atkinson** '55,
June 2018
- Alex Braiman** '55M (Res),
September 2018
- Ann Marie Johnson** '55N, '73,
July 2018
- Marilyn Close Kinney** '55N,
September 2018
- Garland Grover Kleinstuber** '55N,
August 2018
- Robert L. Stern** '55, '62E (PhD),
August 2018
- James H. Grissom** '56,
April 2018
- Leslie Prigerson** '56,
July 2018
- William A. Robinson** '56,
June 2018
- George T. Walker** '56E (DMA),
August 2018
- Mary Zeyen** '56E (PhD),
June 2018
- Alex D. Cross** '57 (Flw),
June 2018
- Thomas N. Peterson** '57E,
February 2017
- Raymond L. Downs** '58 (MS),
July 2018
- Theodore P. Robinson** '58, '61 (MS),
'80 (MS), August 2018
- Hewitt F. Ryan** '58M (MD),
May 2017
- Richard A. Slocum** '58,
June 2018
- Edward H. Boyce** '59,
July 2018
- Richard J. Cologgi** '59,
September 2018
- Katherine L. Hoover** '59E,
September 2018
- Arlene Goff Wood** '59, '60N,
July 2018
- Donald L. Brown** '60M (Res),
June 2018
- Edwin N. Freeman** '60M (Res),
June 2018
- Carol Stephens Hilfiker** '60,
August 2018
- Richard V. McCloskey** '60M (MS),
'60M (MD), July 2018
- William S. Nichthausser** '60,
April 2018
- John B. Raimo** '60E (DMA),
June 2018
- Annette Fayer Stolberg** '60,
August 2018
- Barbara Johnson Yarrington** '60N,
October 2016
- Barbara Long Green** '61N,
September 2018
- Steven M. Parsons** '61E, '68E (MM),
September 2018
- A. John Walker** '61E, '72E (PhD),
August 2018
- Charles R. White** '61W (Mas),
August 2018
- Norman W. Cordt** '62,
February 2018
- James A. Durfee** '62M (Res),
August 2018
- Arthur F. Hammer** '62,
September 2018
- Thomas F. Jordan** '62 (PhD),
July 2018
- Gail Say Katul** '62N,
August 2018
- John W. Newitt** '62 (MA),
September 2018
- Robert G. Newman** '62M (MD),
August 2018
- Karolyn Webster Simon** '62N,
August 2018
- Penelope Powers Stowell** '62N,
July 2018
- Carl A. Lamendola** '63,
July 2018
- Susan Goldberg King** '63,
August 2018
- Charlotte Berry Klein** '63E (MM),
June 2018
- Donald T. Lambert** '63,
July 2018
- Constance Higby Reed** '63,
July 2018
- James D. Cox** '64M (MD),
August 2018
- Charles M. Gluck** '64M (Res),
July 2018
- Hedda Martens** '64, '72 (PhD),
June 2018
- David P. Brust** '65 (PhD),
September 2018
- Phyllis Cobb** '65 (MA),
September 2018
- Jan Fougner** '65,
March 2017
- Paul Z. Goldman** '65,
June 2018
- Tavia Harpending** '65, '93W (MS),
September 2018
- Carol Rudman Pilati** '65, '67W (MA),
August 2018
- Diana Whitlock Sheridan** '65,
November 2016
- Olga Marousis Vaughn** '65W (MA),
July 2018
- Larry W. Hill** '66M (MS),
May 2018
- Elizabeth Call Jones** '66,
August 2018
- Rufus C. Short** '66S (MBA),
July 2018
- Robert E. Vermette** '66,
September 2018
- Howard K. Broder** '67,
September 2018
- Alan Carmasin** '67,
August 2018
- Nancy Taylor Drifmeyer** '67E (MM),
June 2018
- Svetlana Chahowskoi Shales** '67
(MA), July 2018
- Lynn Herbert Whiddon** '67E,
July 2018
- Paul J. Burgett** '68E, '72E (MA), '76E
(PhD), August 2018
- David H. Graham** '68, '73M (MD),
August 2018
- Lawrence R. Jacobs** '68,
September 2018
- James A. Slater** '68,
September 2018
- Michael S. Terry** '68S (MBA),
August 2018
- Marc B. Glassman** '69,
September 2017
- Ann Wilcox Jones** '69W (MA),
June 2018
- Arthur H. Lerit** '69 (MS),
August 2018
- Margaret Murray Roberts** '69E,
June 2018
- Anne Halligan Turner** '69 (PhD),
July 2018
- John W. Graham** '70,
May 2018
- William J. Huddle** '70,
August 2018
- James F. O'Neill** '70,
January 2018
- John C. Witte** '70 (MS),
July 2018
- Hubert D. Wood** '70 (MS),
August 2018
- Frederick G. Burton** '71M (PhD),
July 2018
- Carol Blanchard Kenyon** '71, '76N
(MS), '86N (PhD), July 2018
- Dennis A. Maier** '71 (MS),
August 2018
- James W. McCarthy** '71M (Res),
August 2018
- Martin W. Pommerenke** '71,
December 2017
- William R. Schmid** '71E (PhD),
July 2018
- William H. Watson** '71E,
September 2018
- Barbara Hullender Gauldin** '72E
(MM), June 2018
- Robert L. Kauffunger** '72S (MBA),
September 2018
- J. Michael Neander** '72,
July 2018
- Nicholas C. Russo** '72M (Res),
July 2018
- Ira S. Goldman** '73,
June 2018
- Jeffrey A. Marx** '73,
August 2017
- Steven B. Sokol** '73,
July 2018
- Rodney D. Spring** '73W (EdD),
July 2018
- Kenneth D. Almgren** '75S (MBA),
June 2018
- Marlowe A. Hain** '75N,
September 2017
- Deborah Sharpe-Lunstead** '75E,
July 2018
- Magdi Credi** '76M (Res),
September 2018
- Bruce E. Mills** '76,
July 2018
- William B. Bidwell** '77 (PhD),
August 2018
- John J. Mahar** '78S (MBA),
June 2018
- John W. Derock** '79,
September 2018
- Gerald W. DeCoursey** '82,
September 2018
- Nancy Phillips** '83,
September 2018
- Michael T. Sullivan** '84,
September 2018
- Lisa Bronstein Brumberger** '85E
(MM), July 2018
- Roberto Dominijanni** '85 (PhD),
February 2017
- Margaret Best-Krizan** '88, '91W
(MS), September 2018
- David O. Belcher** '89E (DMA),
June 2018
- Carol Van Dusen** '90N (MS),
June 2018
- Joseph G. Denaro** '94,
July 2018
- Mandeep K. Taneja** '96,
April 2018
- Kelly Shannon** '99,
July 2018
- Jennifer Dehman** '03N,
June 2018
- Jonathan G. Rohr** '06E (MM),
July 2018
- Eliza Kaye Bromfield** '09,
July 2018
- Alissa Cole** '15W (MS),
September 2018
- Alexander N. Montalbano** '16,
August 2018
- Jihan Cooke** '18S (MS),
April 2018

Books

The Image of Christ in Russian Literature: Dostoevsky, Tolstoy, Bulgakov, Pasternak

By John Givens

Northern Illinois University Press, 2018

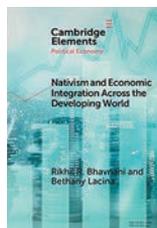


Givens explores the ways in which four of the most important Russian novelists of the 19th and 20th centuries contended with the image of Christ in their works, at a time when the historical critical method of biblical criticism was gaining a foothold. Givens is an associate professor of Russian and chair of the Department of Modern Languages and Cultures at Rochester.

Nativism and Economic Integration across the Developing World: Collision and Accommodation

By Bethany Lacina and Rikhil Bhavnani

Cambridge University Press, 2018



While migration and nativism in Europe and North America have received much attention, Lacina, an associate professor of political science at Rochester, and her coauthor examine the relatively neglected subject of the political effects of soaring migration in the developing world.

Stella, A Play for Lovers (1776)

By Johann Wolfgang von Goethe, translated by Susan Gustafson and Kristina Becker Malett
Peter Lang, 2018

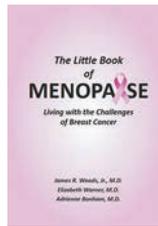


Goethe's 1776 play—which featured a ménage à trois—caused such a stir that he rewrote it 30 years later to get it back onstage. Gustafson, the Karl F. and Bertha A. Fuchs Professor of German Studies at Rochester, offers an English translation of the original play with an introduction exploring its reception, scholarly interpretations (including her own), and an appendix documenting more than 100 changes between the 1776 and 1806 versions.

The Little Book of Menopause: Living with the Challenges of Breast Cancer

By James Woods, Elizabeth Warner '79M (MD), '83M (Res), and Adrienne Bonham '01M (Res), '10S (MS)

University of Rochester Press, 2018

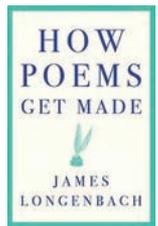


Three Medical Center gynecologists offer a guide to managing menopause symptoms targeted to breast cancer patients. Woods is former chair of obstetrics and gynecology; Warner is clinical professor emeritus of obstetrics and gynecology; and Bonham is an associate professor of obstetrics and gynecology.

How Poems Get Made

By James Longenbach

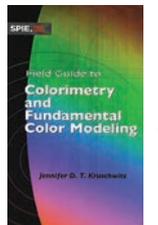
Norton, 2018



Longenbach, a noted poet and the Joseph Henry Gilmore Professor of English at Rochester, offers an account of how poems in English, from the 8th to the 21st century, are constructed from such basic elements as diction, syntax, rhythm, and figuration.

Field Guide to Colorimetry and Fundamental Color Modeling

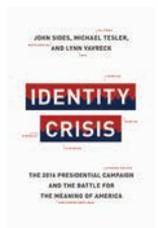
By Jennifer Kruschwitz '89, '95 (MS)
SPIE Press, 2018



Kruschwitz, an assistant professor at the Institute of Optics, provides an overview of “how we measure, identify, communicate, specify, and render color.”

Identity Crisis: The 2016 Presidential Campaign and the Battle for the Meaning of America

By Lynn Vavreck '97 (PhD) et al
Princeton University Press, 2018



Vavreck and her coauthors present a data-backed analysis of how the 2016 presidential election led to a result that shocked most of the media and pundit class. Vavreck is a professor of

political science and communication studies at the University of California, Los Angeles.

Children and Drug Safety: Balancing Risk and Protection in Twentieth-Century America

By Cynthia Connolly '87N (MS)
Rutgers University Press, 2018

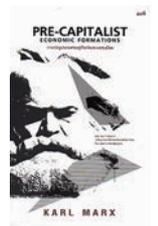


Connolly, an associate professor of nursing at the University of Pennsylvania, offers a 20th-century history of the development, use, and marketing of drugs to children.

Pre-Capitalist Economic Formations

By Karl Marx, translated into the Thai by Thanet Aphornsuvan '73

Sommadhi Press, 2018

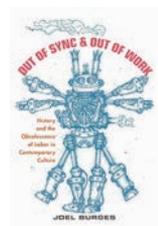


Aphornsuvan, director of the Association of Southeast Asian Nations studies program at the University of Thammasat in Bangkok, presents the first translation of Marx's 1857 work into the Thai.

Out of Sync and Out of Work: History and the Obsolescence of Labor in Contemporary Culture

By Joel Burges

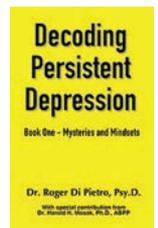
Rutgers University Press, 2018



Burges, an assistant professor of English and of visual and cultural studies at Rochester, explores the representation of obsolescence, as it pertains to labor, in works of contemporary literature and film, produced at a time of increased automation in capitalist economies.

Decoding Persistent Depression: Book One—Mysteries and Mindsets

By Roger Di Pietro '04M (Pdc)
Lulu, 2018



Di Pietro, a clinical psychologist in private practice, shares his insights on long-term depression in the first book of an eventual series.

Spending to Win: Political Institutions, Economic Geography, and Government Subsidies

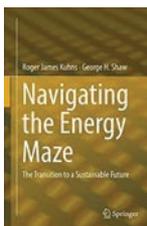
By Stephanie Rickard '99
Cambridge University Press, 2018



Through interviews with government officials, analyses of local media and industry publications, and other sources, Rickard explores the roles of economic geography and electoral institutions in government subsidies to address the question of why some governments redistribute more narrowly—to small groups at the expense of the majority—than others. Rickard is an associate professor of political science at the London School of Economics.

Navigating the Energy Maze: The Transition to a Sustainable Future

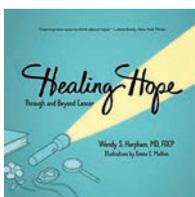
By Roger Kuhns and George Shaw '67
Springer, 2018



Shaw, a professor emeritus of geology at Union College, and his coauthor offer a guide for local and national policymakers on sustainable energy development and use.

Healing Hope: Through and Beyond Cancer

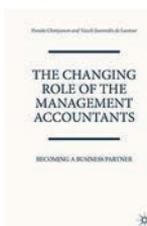
By Wendy Harpham '80M (MD)
Curant House, 2018



In a book of illustrated aphorisms and supporting text, Harpham, a physician and cancer survivor, offers cancer patients and loved ones tips for thinking about hope in new ways.

The Changing Role of the Management Accountants: Becoming a Business Partner

By Panida Chotiyanon '83S (MBA) and Vassili Joannidès de Lautour
Palgrave Macmillan, 2018



The authors explore the changing roles of financial practitioners through case studies of four veteran management accountants. Chotiyanon is a lecturer in finance at Thammasat University in Thailand and a former CFO.

"I Taught Him to Talk": Stories of Children with Autism

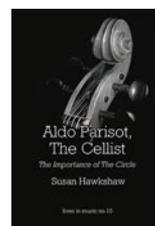
By Marion VanArsdell '64
Levellers Press, 2018



VanArsdell chronicles two years she spent with children participating in an intensive public school program she designed for young children with autism spectrum disorder. VanArsdell is a veteran early childhood special educator and the former director of Hampshire County (Massachusetts) Head Start.

Aldo Parisot, the Cellist: The Importance of the Circle

By Susan Hawkshaw '68
Boydell & Brewer, 2018



Hawkshaw presents a biography of the noted cellist and music educator who retired in June 2018 after 60 years at the Yale School of Music. Hawkshaw, a musicologist, is a faculty member at both Albertus Magnus College and the University of New Haven.

The Russians Are Coming: The First Cold War as Tragedy, the Second as Farce

By Jeremy Kuzmarov and John Marciano '62
Monthly Review Press, 2018



The authors argue that a new cold war between the United States and Russia "is playing out as farce—a dangerous one at that." Marciano is a professor emeritus of education at SUNY-Cortland.

Ithaca Our Home: A Forty-Year Musical Odyssey in Tompkins County

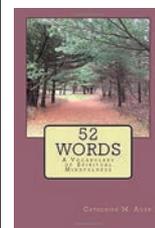
By the History Center in Tompkins County with Johnny Russo '66E
The History Center in Tompkins County, 2018



Russo, a native of the Finger Lakes region and leader of the East Hill Classic Jazz Band, joins with local historians to present an overview of his and the band's career.

52 Words: A Vocabulary of Spiritual Mindfulness

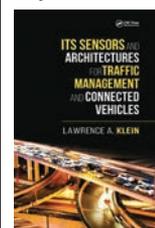
By Catherine Agar '08 (MA)
Verbal Images Press, 2018



Agar offers a positive and affirming word for each week of the year, and prompts to inspire quiet meditation on each. She teaches writing at Keuka College.

ITS Sensors and Architectures for Traffic Management and Connected Vehicles

By Lawrence Klein '66 (MS)
Taylor and Francis, 2018



In a book for transportation personnel and students, Klein argues for the benefits of intelligent transportation systems (ITS) for safety, emissions, and traffic flow. Klein is a veteran systems engineer and a leader in the development of worldwide standards to evaluate traffic sensors.

A History of Video Games in 64 Objects

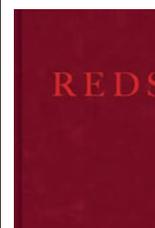
By John Paul Dyson and Jeremy Saucier '10 (PhD)
Dey Street Books, 2018



The authors trace the evolution of video games as shown through the collections of the Strong National Museum of Play in Rochester. Saucier is assistant vice president for interpretation and electronic games at the museum and editor of the *American Journal of Play*.

Reds

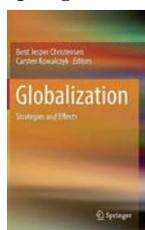
By Clayton Press '71
Linn Press, 2018



Press offers commentary to accompany the Mnuchin Gallery's exhibit exploring artists' use of the color red over a 60-year period following World War II. A noted art collector, Press is a contributing journalist for *Forbes* and an adjunct professor in art market economics and history at New York University.

Globalization: Strategies and Effects

Edited by Bent Jesper Christensen and Carsten Kowalczyk '88 (PhD) Springer-Verlag, 2017



The editors bring together research by academics and practitioners. Contributors include Prakash Loungani '87 (PhD), a macroeconomist at the International Monetary Fund, Bharat Trehan '84 (PhD), an economist at the Federal Reserve Bank of San Francisco, and Ronald Jones, a professor emeritus of economics at Rochester. Kowalczyk is an associate professor of international economics at Tufts University's Fletcher School of Law and Diplomacy.

Kiddushin

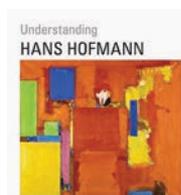
By Eliza Gouverneur '72 Modern Memoirs, 2018



Gouverneur, a retired librarian who raised four children, offers a collection of poetry “on moments in the life of a contemporary Jewish family, touching on the joys and loneliness of a wife, the intersection of Shabbat and Little League, and the humor and struggle of raising adolescents.”

Understanding Hans Hofmann: Reflections by Sam Feinstein

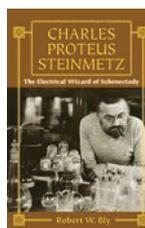
Edited by Sascha Feinstein '85 Provincetown Arts Press, 2018



Feinstein, the Robert L. and Charlene Shangraw Professor of English at Lycoming College, edits a book of reflections by his father, artist Sam Feinstein, on friend and fellow abstract expressionist Hofmann.

Charles Proteus Steinmetz: The Electrical Wizard of Schenectady

By Robert Bly '79 Quill Driver Books, 2018

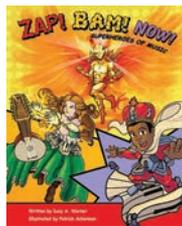


With a foreword by Richard Heist, Bly's thermodynamics professor in the 1970s, Bly presents the story of Steinmetz, extolled in the late 19th and early 20th centuries, but little known today,

who “made the modern world possible through his revolutionary work on AC electricity transmission, the technology underlying today's power grid.”

Zap! Bam! Now! Superheroes of Music

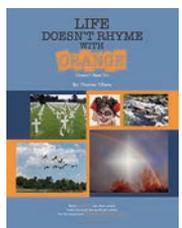
By Lucy Warner '81E (MA) Spring Promise Productions, 2018



Warner presents 12 additional superhero composers in a follow-up to her 2016 book *Zap! Boom! Pow! Superheroes of Music*. She's the chair of the music department at the Browning School in New York City.

Life Doesn't Rhyme with Orange

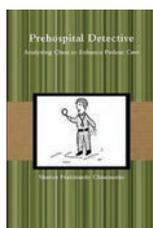
Written and illustrated by Thomas Tiffany '62 CreateSpace, 2018



Through art, poetry, and prose, Tiffany offers life lessons to inspire “adult remembrances and communication with younger family members.”

Prehospital Detective: Analyzing Clues to Enhance Patient Care

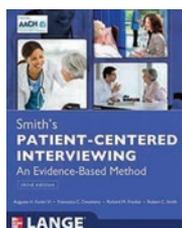
By Sharon Chimento '69, '69N Sharon Chimento, 2018



Chimento presents a handbook for EMS and other prehospital care providers. A nurse and paramedic, she serves on the New York State health department's Emergency Medical Services Committee.

Smith's Patient-Centered Interviewing: An Evidence-Based Method (Fourth Edition)

By Robert Smith '80M (Flw) et al McGraw-Hill, 2018

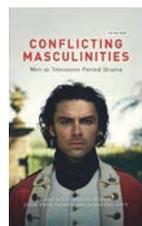


Smith and his coauthors present a fourth edition of the textbook Smith first wrote for medical students and clinicians on patient-centered interviewing. The book is supplemented by video demonstrations accessible on the publisher's website. Smith holds the title University Distinguished

Professor and is a professor of medicine and psychiatry at Michigan State University.

Conflicting Masculinities: Men in Television Period Drama

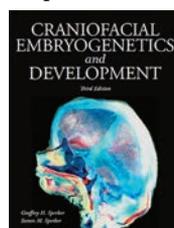
Edited by Julie Taddeo '87, '97 (PhD) et al I. B. Tauris, 2018



Taddeo coedits and contributes an essay to the collection exploring the historical and contemporary construction of masculinity in British television period dramas. Taddeo teaches Victorian and 20th-century British culture at the University of Maryland, College Park.

Craniofacial Embryogenetics and Development (Third Edition)

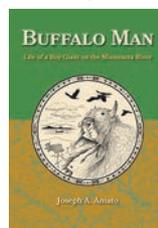
By Geoffrey Sperber '62D (MS) People's Medical Publishing House, 2018



Sperber, a professor emeritus of medicine and dentistry at the University of Alberta, presents a new and updated edition to his textbook, incorporating new breakthroughs in the field of embryonic research.

Buffalo Man: Life of a Boy Giant on the Minnesota River

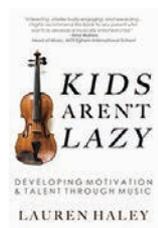
By Joseph Amato '70 (PhD) Crossings Press, 2018



In a historical novel, Amato tells the life story of a boy-giant living among diverse populations along the Minnesota River in the 1850s. Amato is a retired professor of history at Southwest Minnesota State University.

Kids Aren't Lazy: Developing Motivation and Talent through Music

By Lauren Haley '13E PDP, 2018



Haley—a Houston-based violin and viola teacher and founder of Lauren Haley Studios—offers a guide for teachers and parents, writing “candidly about how to turn frustration into determination and anxiety into accomplishment.”

On Interior Design

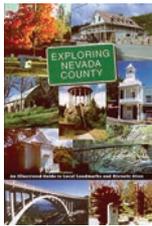
By Penny Drue Baird '73
Images Publishing, 2018



The noted designer offers her take on the essential aspects of contemporary interiors.

Exploring Nevada County: Historical Landmarks

By David Comstock
and Bernard Zimmerman '67
You Bet Press, 2018



Zimmerman, chair of the Nevada County Historical Landmarks Commission, and his coauthor offer a guide to more than 200 historical landmarks in Nevada County, California.

Fifty Birds in Fifty States

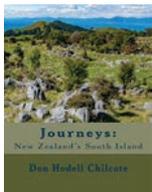
By James McVoy '70E (MM), '77E (PhD)
James McVoy, 2018



McVoy tells of the 13-year quest of his and wife, Sue, to identify 50 bird species in each of the 50 states. He's a professor emeritus of music theory and composition at West Chester University, and a volunteer at Tri-State Bird Rescue in Newark, Delaware.

Journeys: New Zealand's South Island

By Don Hodell Chilcote '92
CreateSpace, 2018



Pianist and composer Chilcote offers his reflections on the island through photography and writing.

Hicky's Bengal Gazette: The Untold Story of India's First Newspaper

By Andrew Otis '11
Westland Books, 2018



Otis, a doctoral student in journalism at the University of Maryland, College Park, examines an Irish newspaperman's efforts to expose the underside of British rule in late 18th-century Calcutta.

The Letters of Flannery O'Connor and Caroline Gordon

Edited by Christine Flanagan '91
University of Georgia Press, 2018



Flanagan, an associate professor of English at the University of the Sciences, in Philadelphia, presents an annotated collection of correspondence showcasing the friendship between the two novelists.

Hard, Soft, and Smart Power—Education as a Power Resource

By Aigerim Raimzhanova '11
Peter Lang, 2017



Focusing on the case study of Kazakhstan, Raimzhanova explores the role of education in increasingly diffuse global power relations. Raimzhanova, a native of Kazakhstan, teaches at Kazakh National University.

Recordings

Chopin: Four Scherzi

By Robert Silverman '65E, '70 (DMA)
Marquis Classics, 2018



Pianist Silverman performs the Polish composer and piano virtuoso's four scherzo as a follow-up to his 2017 release, *Chopin's Last Waltz* (IsoMike).

Pleas to Famous Fairies

By Linda Lister '93E (MM)
Albany Records, 2018



Soprano and composer Lister performs original works accompanied by pianist Amanda Johnston.

Buds

By Fearless Dreamer
Infinite Room, 2017



Fearless Dreamer, led by trumpeter Pam Fleming '79E, presents original music in multiple styles, including jazz, world, funk, reggae, rock, and progressive new age.

Saxo Voce

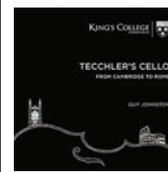
By Ogni Suono
New Focus Recordings, 2018



The saxophone duo including Noa Even and Phil Pierick '16E (DMA) performs seven newly commissioned works—including one by flutist and composer Zach Sheets '16E (MM)—that incorporate singing and speaking to create “an expressive synthesis of saxophone and voice.”

Tecchler's Cello: From Cambridge to Rome

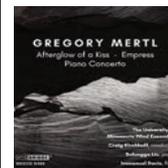
By Guy Johnston '12E
King's College Cambridge, 2017



Cellist Johnston performs selections, including newly commissioned works, on a cello made in Rome in 1714 by David Tecchler. The recording, conceived in 2014, commemorates the cello's 300th “birthday.”

Afterglow of a Kiss; Empress; Piano Concerto

By Gregory Mertl '05E (PhD)
Bridge Records, 2017



The University of Minnesota wind ensemble, with pianist Solungga Liu '01E (DMA), perform three works by composer Mertl.

Long Live and Love

By Chesley Kahmann '52
Orbiting Clef Productions, 2018



Kahmann and her singing group, the Interludes, present 10 of Kahmann's compositions. Words, music, piano accompaniment, and direction are by Kahmann, and performing on the trumpet is her son, Ames Parsons.

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.

Teaching and Learning about American Indians

What should schools teach about American Indians? Working with native communities, the Smithsonian's MaryBeth Yerdon '13W (MS) is helping lead that conversation.

Interview by Karen McCally '02 (PhD)

There's a lot of debate in the country, and I think it's getting especially heated now, about whose history is taught. What is the story of America, and how do we teach it? What do we tell young people about it?

It's not a secret that most curricula about US history favor a Euro-American perspective. That's the story that dominates textbooks, and that's the story that dominates content that is presented on standardized tests.

Things get left out, and topics about American Indians are left out pretty often. And then, of course, the stories that are told are really relegated to just a few. There's the Trail of Tears, which we like to call Removal; Pocahontas; Thanksgiving; the Battle of Little Big Horn. Extending education beyond those few narratives is one of the biggest challenges we come up against as a museum.

Native Knowledge 360°, or NK360°, is a national education initiative developed by NMAI [Smithsonian National Museum of the American Indian]. It was developed over the course of a couple of years and demonstrates how NMAI has really pioneered involvement in, and is committed to, formal education. The museum has said, things are being taught about American Indians that aren't accurate, there's a lot that's being left out of the curriculum, and we need to do something about that. NK360° developed out of that mentality.

MaryBeth Yerdon '13W (MS)

- Education product developer, Smithsonian National Museum of the American Indian
- Lead developer, Native Knowledge 360° at Americanindian.si.edu/nk360

Home: Washington, D.C.

On the importance of inquiry: "In social studies education, there are trends that are constantly changing. But my time at Warner definitely taught me this: There are some things in education that don't change. Inquiry has existed since the time of Socrates. Asking kids big questions and asking them to come to conclusions based on evidence and dialogue—that's not a new trend. That's just good teaching."

Working with native communities and teachers, we started by developing some essential understandings. First among those is the idea of diversity among American Indian tribes and nations. There is no single American Indian history, culture, or language. There are more than 2,000 tribal groups in the Americas and 562 federally recognized tribes right here in the United States. That means that native perspectives on history and culture are quite diverse.

Another essential understanding is that American Indians are citizens of their tribal nations, and they are also citizens of the United States. That's something that a lot of kids don't grow up knowing. They don't grow up thinking about tribes as sovereign nations within the US, which is also a nation.

NK360° uses an inquiry-based model. Inquiry-based instruction focuses on asking kids compelling questions and having them come to evidence-based arguments in response to those questions. It's pushing teachers away from rote memorization. For example, rather than asking kids to remember when the American Revolution was, the question would be, was the American Revolution revolutionary? And the kids would develop an evidence-based response to that question.

We're continually developing new materials for teachers and have moved onto the stage of the project that involves training teachers. We're doing presentations about our materials, running workshops at our museums in D.C. and New York, offering a paid residency program for teachers, and holding a free institute in the summer. Teachers come to D.C. for a week of intensive instruction on teaching about American Indians and using the inquiry design model.

We're really trying to build a network of teachers and native experts who partner with us and help us in what we do, and whom we can help with their needs in the classroom. We're the Smithsonian, so fortunately, we have a lot of experts in-house. We also have the name recognition to partner with scholars as well as native communities and leaders. The Smithsonian just has a massive reach. We have the means to do what we're doing, and it's great to be part of a team that is dedicated to such an important endeavor. 📍





OPENING DOORS

SUZANNE TIMBLE '67

SUZANNE TIMBLE '67 excelled in high school. Like many undergraduates, she initially found her coursework at Rochester a challenge—but she persevered.

After graduating with a bachelor's in psychology, Timble completed a master's degree, a Ph.D., and later, a law degree. Despite her accomplishments, she never forgot her undergraduate challenges or the mentoring she received from her professors. Timble credits her Rochester education for helping to open doors to graduate programs and career opportunities. "People recognized and respected the value of a Rochester degree."

Timble marked the occasion of her 50th college reunion with a special outright gift. She also named the University as a beneficiary of her estate, designated to the scholarship she had previously established in memory of her father.

"I am gratified to know The Frank B. Timble Endowed Scholarship will provide new generations of Rochester undergraduates a world-class education."

After a career as an estate planning attorney, Timble is enjoying retirement in Santa Fe, New Mexico. Her gifts qualify her as a Founding Member of the Wilson Society and a member of the George Eastman Circle.



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MELIORA WEEKEND
Celebratory Selfie

FAMILY PHOTO: David Robson '88 and his daughter, Elena Robinson '21, take a photo during Meliora Weekend. PHOTOGRAPH BY MATT WITTMAYER FOR THE UNIVERSITY OF ROCHESTER