

TEMPLE

PHILLY PHILLY



ALL THE RIGHT MOVES

Fred Stein, *KLN '72*, masterminds the city's biggest celebrations.



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CAMPUS

A Gift Inspired, A Legacy Created

Temple's new library will be named Charles Library in recognition of a \$10 million gift from entrepreneur and university trustee Steve Charles, *KLN '80*.

TEMPLE

Whether making history or studying it, high-flying Owls are leaving their mark. In this issue, would-be scientists hone their skills, a nearby corridor undergoes a renaissance and the future of driving becomes part of the equation.

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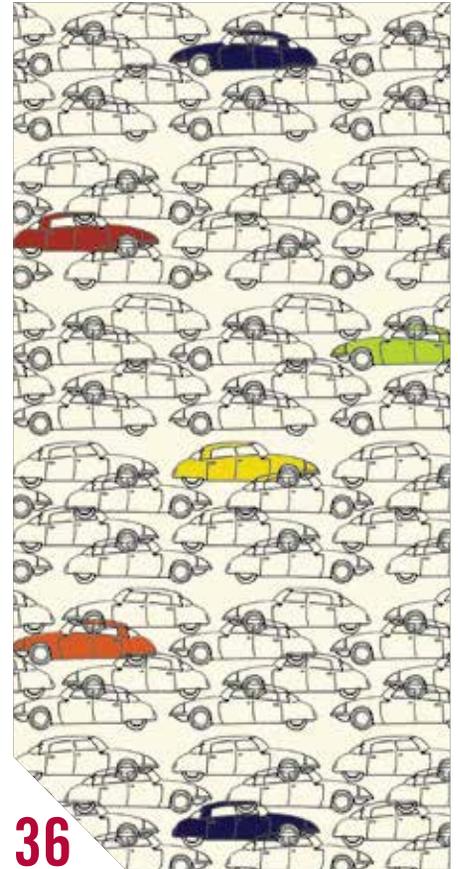


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The answer to a common roadway conundrum may be found in mathematics—and fast-developing technology.

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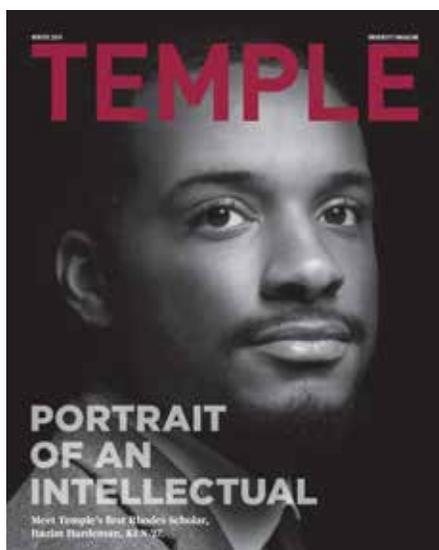
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WHAT DO YOU THINK?

Readers share their thoughts, experiences and pride.

KUDOS



I just finished the winter 2018 issue and I feel happy. What I cannot figure out is the source. Is it because I'm so impressed by Hazim Hardeman, Professor Martoff, Ibram Kendi, Michael Latini, and all the other Owls and their accomplishments? Is it because "Sound Waves" is a feel-good story about an amazing initiative? Or is it because the magazine was filled with relevant and interesting information and completing it felt like a good use of my limited time?

It's definitely not on you to answer my question, but perhaps it is on you to pat yourself on the back and thank your excellent writers, more than once.

Dara Lovitz, LAW '03

Bala Cynwyd, Pennsylvania

I received the current edition of Temple magazine today, and it's brilliant. Our son, David Cohan, who majored in film and is a proud graduate of the Temple Class of 2014, has realized his dream and is working at Sony Pictures in Los Angeles.

His grandmother, Mildred Vernick Frank, KLN '39, was thrilled when he chose her alma mater to pursue his studies.

Jessica Frank-Cohan
Scarsdale, New York

My husband, George Cody, is an alumnus of Harvard University. Harvard Magazine sends us annual requests for donations, and I recently sent them a check. I just finished the most recent issue of Temple magazine. It was full of interesting, well-written articles that made me feel proud to be a Temple alumna! My husband and I are Temple donors, but I think Temple magazine deserves special attention for its high quality. In my opinion, Temple magazine is uniformly excellent. I'm enclosing a check as a result. Thanks for keeping us so well informed about Temple!

Francesca Benson, EDU '72

Princeton, New Jersey

prior to it being covered over 20-some years ago by a metal plate. What lay beneath that plate was "an encasement of stones—a gift from the Class of 1966. These stones come from the farm of Ali Hafed in Pakistan ... brought to life through the efforts of the Pakistani government and University cooperation. ... The Brass Plaques at the base of the Campanile acknowledge the gift of the Class of '66 and relate the historic significance of the stones. The encasement will stand as a permanent reminder to students, administrators and visitors of the moral of 'acres of diamonds'—look in your own backyard for the riches you seek." The quotes are from the dedication brochure of the Paley Library in 1966.

Thomas M. Whitehead

Retired head of Special Collections, Paley Library

Hatboro, Pennsylvania

EDITOR'S NOTE

Although, unfortunately, the encasement did not withstand the test of time as moisture entered, ruining the display and necessitating its removal, Temple Founder Russell Conwell's "Acres of Diamonds" remains a significant reminder as to where life's true riches can be found.

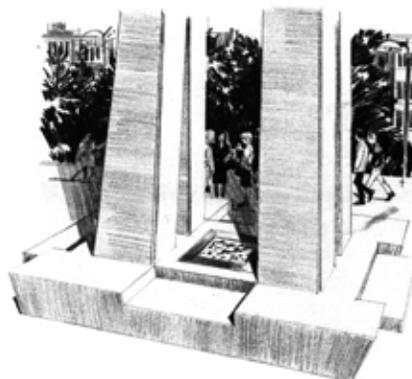
CORRECTIONS

Due to an editing error, "Road to Recovery" (winter 2018), an in-depth story chronicling the work that Temple physicians, researchers and alumni are doing around the opioid epidemic, misused a term to describe people who are battling addiction. In accordance with Associated Press style and the mission and spirit of the university, Temple strives to use person-first language in its content.

Terrence Malick's name was misspelled in "The Making of a Rhodes Scholar" (winter 2018).

GONE BUT NOT FORGOTTEN

I could not hold back from commenting on the statement in the winter 2018 issue, page 16 ("Refreshing Icons"), "... the Bell Tower had ... a metal grate in its center, which wasn't inviting." Alumni and staff may remember the base of the Bell Tower as it was



An architect's rendering of the original Bell Tower base.

Temple's trustees do so much on behalf of the university and its students. Through their efforts, four recent significant gifts that will have a direct and long-lasting impact on the university and our North Philadelphia neighbors deserve special attention.

Earlier this year, the Albert M. Greenfield Foundation gave Temple a \$1 million grant to support the Special Collections Research Center Reading Room on the first floor of the new library, currently under construction. The late Albert Greenfield was a successful Philadelphia businessman and a member of the Temple University Board of Trustees from 1927 to 1947. His foundation's support will advance the use of the library's Special Collections.

Speaking of the library, the latest gift from Steve Charles, *KLN '80*, is \$10 million for our new facility. It's truly proper that the Board of Trustees voted in March to name the library for Charles, a trustee whose history of generosity has been transformative for years. Charles has been generously supporting students and faculty in the Klein College of Media and Communication and the Be Your Own Boss Bowl competition in the Fox School of Business. His enthusiasm for Temple is amazing.

At the Lewis Katz School of Medicine, we recently celebrated the investiture of Domenico Praticò, Temple's top Alzheimer's researcher, as the first holder of the Scott Richards North Star Charitable Foundation Chair for Alzheimer's Research. The chair is the result of the generosity of Trustee Phil Richards, whose past support included



Joseph V. Labolito

restoring Temple's wrestling program as a club sport.

Finally, a \$512,000 grant, as an initial installment from the Lenfest Foundation, will help us create the North Philadelphia Workforce Development Initiative. We aim to stimulate revitalization in North Philadelphia by helping local residents to get jobs that pay family-sustaining wages. We could not do this without the ongoing support of the Lenfest family, particularly Trustee Gerry Lenfest, who has already done so much on behalf of Temple, including generously funding the East Park Canoe House and our men's and women's rowing programs.

Now you can understand why I can't say enough good things about Temple's trustees. Our trustees are unpaid volunteers, who each give selflessly of their time, expertise and financial support.

It is the enthusiastic commitment of trustees and their foundations that makes me optimistic about Temple's future. I know their ongoing support—like yours—will propel Temple to new heights.

Richard M. Englert

Richard M. Englert
President, Temple University

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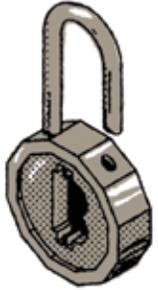
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SMALL TALK

OWL EXPERTS ON TRENDING TOPICS



TALES FROM THE CRYPT ... COIN

Virtual payment ... digital asset exchange ... bitcoin. These terms combine many of the universe's most perplexing mysteries: investing, global finance and the interweb. Yet now hundreds of these cryptocurrencies are available for purchase. Bora Ozkan, assistant professor of finance, talked with MSNBC about which ones may be best.

According to Ozkan, the name of the game is security: "If cryptocurrency exchanges can figure out an efficient and swift way to operate decentralized exchanges—let's say, like blockchain—they can operate more securely."



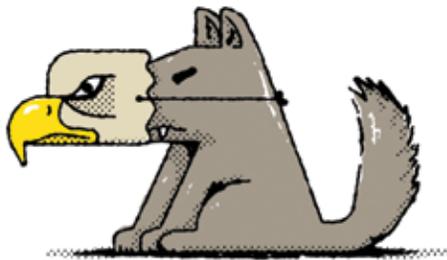
ORDER IN THE COURT

Have a friend considering law school? Better tell them, "Competition's picking up."

A recent report from the Law School Admission Council shows that, as of mid-January, the number of law school applications submitted in the 2018–19 admissions cycle was nearly 11 percent higher than it was around the same time during the previous cycle.

"As law school applications tend to be cyclical, I expect that we are in the beginning of a longer-term increase in applications," Gregory N. Mandel, dean and professor in the Beasley School of Law, explained to U.S. News & World Report.

Not to worry: Experts urge anxious law school applicants to remember that they still have much better odds of gaining acceptance than aspiring lawyers did at the start of the Great Recession, when law school applications reached an all-time high.



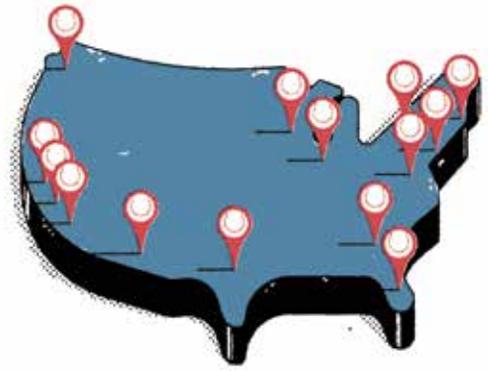
WHO LET THE DOGS OUT?

Eagles fans don't care about their "bad" reputations.

That's what Thilo Kunkel, assistant professor in the School of Sport, Tourism and Hospitality Management, told the Boston Globe.

Philly is a city that has historically chafed at playing second fiddle to New York and Washington, D.C., explained Kunkel. "The identity of Eagles fans is to be a little more rough around the edges."

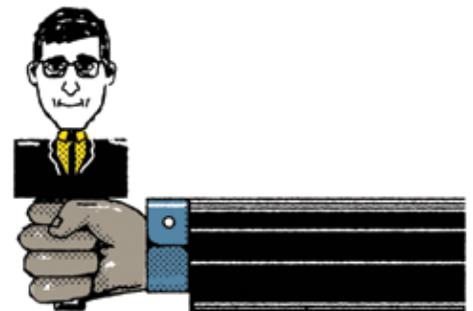
"That underdog mentality really plays a big role in how Philadelphians see themselves," he said. "That plays a role in how they approach their fandom."



Illustrations by Michael Haddad

"I WANT TO SEE THE BATHROOMS ON THE THIRD FLOOR AND SEE IF THEY ARE AS CLEAN AS THE ONES ON THE FIRST."

— THM graduate student **ANDY STURT** on his research on the Major League Baseball ballpark fan experience



JOHN OLIVER: THE NEXT ANDERSON COOPER?

Is John Oliver a journalist, despite his protests? "It's a question you have to answer with another question: What is a journalist in this day and age?" said Geoffrey Baym, chair of the Department of Media Studies in Klein College of Media and Communication.

Comedians like Oliver sound a lot like us, Baym told Variety. And their casual tones often prove more appealing to modern audiences than that of a TV journalist bound by the medium's traditions.

"We live in a world with infinite sources of media, hundreds of TV channels and infinite websites," said Baym. "Those old rules about who's going to speak and what they had to sound like when they did so—those no longer apply."

FOOD FOR THOUGHT

It's hard to learn when you're hungry.

This is the premise on which 2018 Carnegie Fellow and College of Education Professor Sara Goldrick-Rab predicated the New York Times op-ed she wrote in early 2018 about hunger among college students. Her research showed roughly 35 percent of Temple's undergraduates experience food insecurity, or a lack of reliable access to affordable, nutritious food.

"This isn't about eating pizza when you want to eat sushi or about eating ramen or rice and beans most days," Goldrick-Rab explains. "This is about running out of food that you need because you don't have enough money."

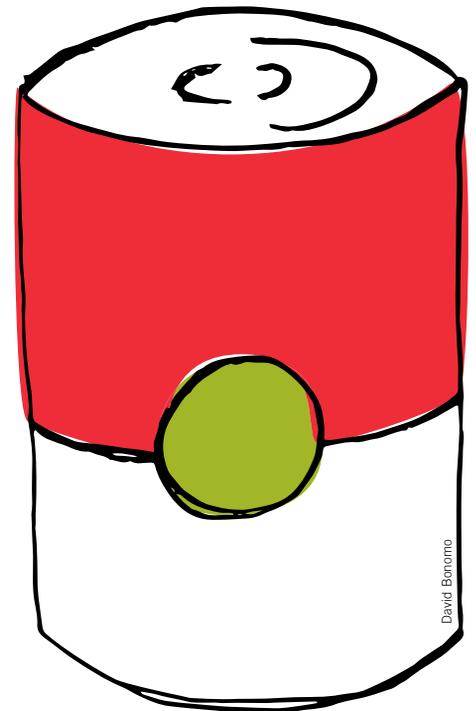
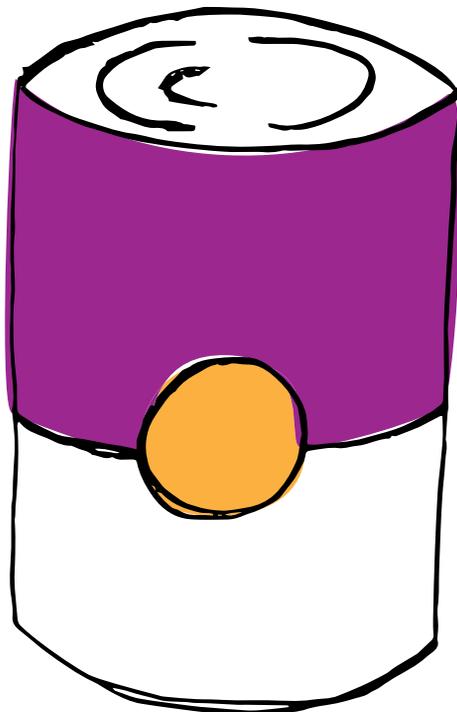
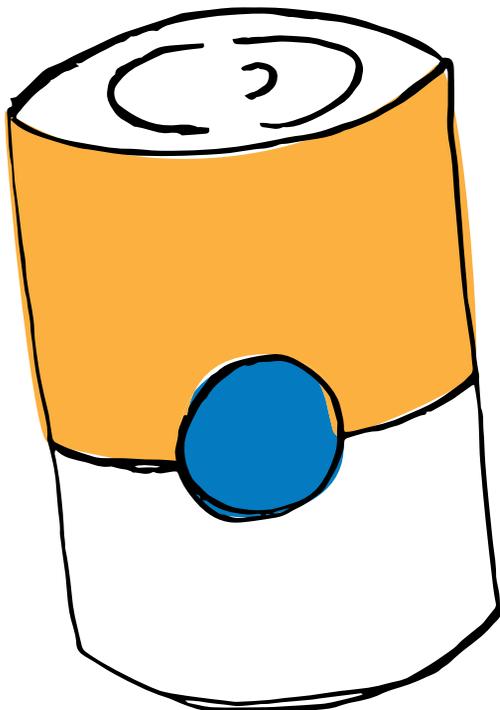
As a result of Goldrick-Rab's research, Temple in early 2018 launched Cherry Pantry, a food pantry in the Student Center where anyone with a Temple ID can obtain grocery items for free. As word of the pantry spread throughout campus, students, faculty and staff came together to keep it stocked.

Cherry Pantry joins more than 560 other college and university food pantries nationwide. Food insecurity has become a major issue for college students due to a number of reasons, including soaring tuition, decreasing financial aid and increasingly stringent requirements to qualify for food assistance programs.

"We want students to come to Temple, we want to retain those students and we want them to graduate," Vice President for Student Affairs Theresa Powell said. "It's important for us to do all that we can to help them be successful, and this is a very simple part of helping students to realize their dreams."

Gadi Zimmerman, Class of 2019, led student efforts to raise funds to support Cherry Pantry: "The reason I am so passionate about this is I know it's affecting my peers."

MORGAN ZALOT, KLN '11



David Benomo

A GIFT INSPIRED, A LEGACY CREATED

STORY BY BRANDON LAUSCH, *KLN '06, '16,*
AND MORGAN ZALOT, *KLN '11*

AN ENDURING GIFT

A passion for bringing people together inspired Temple Trustee Steve Charles, *KLN '80*, to donate \$10 million to Temple's future library. In recognition of his gift—one of the largest individual contributions in Temple history, the library will be named in his honor.

The Charles Library will serve as not only the physical heart of Main Campus when it opens in 2019, but also its beating, lively academic core.

“The library inspires me because it is the place where intersections between all the students and faculty and other folks who chance to be on this campus can occur,” Charles says.

Charles' historic gift to the library came on the heels of a \$1 million gift from the Albert M. Greenfield Foundation to name and provide long-term funding for the Albert M. Greenfield Special Collections Research Center Reading Room, which will be located on the library's first floor.



Joseph V. Labadie

Temple Trustee Steve Charles' \$10 million gift will be invested into an endowment to provide perpetual funding for Temple libraries.

Courtesy of Sinhetta



MEET STEVE CHARLES

Charles grew up on a farm in Lancaster County, coming to Temple from what he calls “humble beginnings.”

He graduated with a degree in advertising and co-founded immixGroup Inc., which helps technology companies do business with the federal government. He sold the firm in 2015 but continues to serve as a consultant.

Stemming from experiences as a youth, it's been his passion to bridge the divide between rural and urban areas—and the people who live in them.

“I believe that happens through knowledge and communication,” says Charles.

A rendering depicts how the Charles Library will become the stunning centerpiece of Main Campus when it opens next year.

A VISIONARY PHILANTHROPIST

- ▶ In 2011, Charles established the Klein College of Media and Communication's Stephen G. Charles Scholarship Fund.
- ▶ In 2015, Charles joined Klein's Board of Visitors and committed \$2 million to establish the Steve Charles Chair in Media, Cities and Solutions, a position currently held by prominent scholar and social commentator Marc Lamont Hill. It was Klein College's first academic chair endowed by an individual donor and, at the time, the largest one-time gift in college history.
- ▶ In 2016, Charles joined Temple's Board of Trustees and played an integral role in the fundraising effort to name Klein College (formerly the School of Media and Communication) for broadcast pioneer and longtime Temple instructor Lew Klein.
- ▶ Starting in 2018, Charles committed funding for various prizes for the next three years of the Fox School of Business' Be Your Own Boss Bowl, an annual business-plan competition.

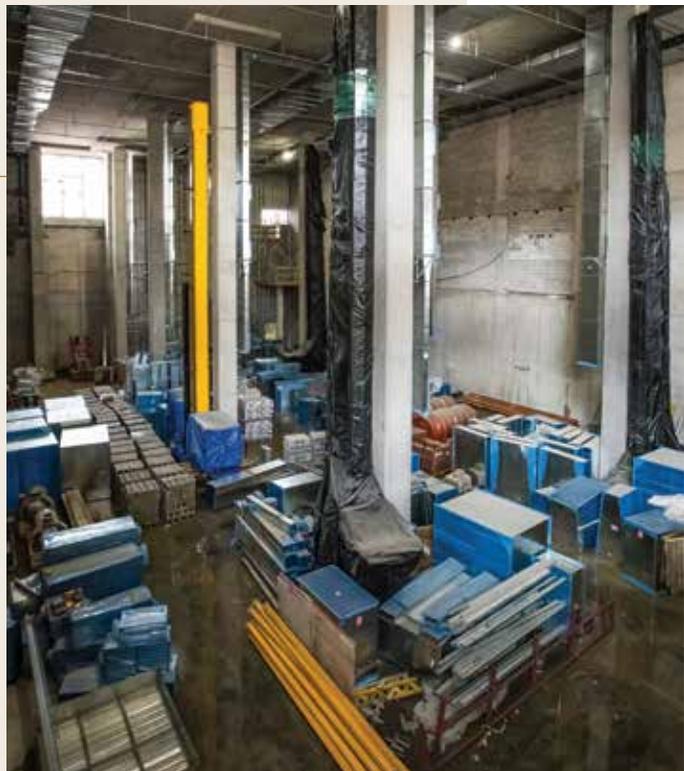
Plans for the new library go well beyond books and include much more social space with areas for collaboration and sharing ideas.

Courtesy of Spinetta



“LOCATED RIGHT IN THE MIDDLE OF CAMPUS, THE CHARLES LIBRARY IS DESIGNED FOR THE KIND OF COLLABORATION THAT PEOPLE DO TODAY.”

—STEVE CHARLES, *KLN '80*, TEMPLE TRUSTEE



Betsy Manning, KLU '87, CLA '08

The revolutionary robotic Automated Storage and Retrieval System, also known as BookBot, has been delivered and placed into the site of the new library on Main Campus. The system will make it possible to use less floor space for book storage, giving way to increased space for learning.

A LOOK INSIDE

Charles Library features will include high-performance computation to support advanced research; BookBot, a space-saving automated book retrieval system that will store most of the library's volumes; seating for more than 2,000 people, double the space in Paley Library; five dedicated reading rooms; and a fourth-floor terrace with sweeping views.

FROM THE GROUND UP

The students who built Temple's exhibit for this year's Philadelphia Flower Show didn't have to search far for inspiration: Paying homage to the Schuylkill River, the exhibit showcased plants and mimicked terrain indigenous to Pennsylvania.

This year's exhibit, "Within Reach: Unlocking the Legacy of Our Hidden River," featured a variety of materials, including crushed asphalt, scorched cedar planks, steel, rusted corrugated sheet metal and PVC pipes, as well as more than 50 plants found in Pennsylvania. It was meant to recreate the feeling of leaving a coal mine in the state's Piedmont region and emerging into a tidal freshwater marsh.

"Every turn that we expect a visitor to make, we hope to have something there for them to view, so that every time they reorient themselves, they're looking at something different—a new focal point, a new experience, a new activity of some sort or a new element," explains Rob Kuper, an associate professor of landscape architecture. Kuper teaches the Tyler School of Art's junior design-build studio class at Temple Ambler, where students build the exhibit each year. Michael LoFurno, an adjunct assistant professor of landscape architecture, also instructs the class.

Temple's flower show exhibits often garner awards, and this year's was no exception: It won a Pennsylvania Horticultural Society Silver Medal, the Chicago Horticultural Society Flower Show Medal and a Special Achievement Award of the Garden Club Federation of Pennsylvania.

"I don't know of any other landscape architecture program that has this kind of experience where you actually get to design and build something," says Alex Booth, Class of 2019, who worked on the exhibit.

MORGAN ZALOT, KLN '17

This page: Joseph V. Labolito



Visitors delight in Temple's award-winning flower show exhibit. Under the direction of Associate Professor of Landscape Architecture Rob Kuper and Adjunct Assistant Professor Michael LoFurno (top right, at right), landscape architecture and horticulture students grew over 50 plant species indigenous to Pennsylvania to include in the display.



Assistant Professor Victor Gutierrez-Velez aims to enable policymakers in his native Colombia to make informed decisions about the country's rich biodiversity.

A RETURN TO HIS ROOTS

Victor Gutierrez-Velez teaches and conducts research in the Geography and Urban Studies Department at Temple—but his heart is home in Colombia.

Now, with the help of a NASA grant, Gutierrez-Velez is realizing a longtime dream of making a difference in his home country. The \$600,000 grant will utilize satellite technology and data to provide information to make decisions about the country's rich biodiversity, with the goal of arming policymakers in Colombia with adequate information to make important decisions, such as where to harvest lumber or where to allow fishing.

Colombia is home to a number of rare and threatened species of animals and plants. But those threats, Gutierrez-Velez argues, could be avoided if the country's lawmakers

understood the implications of their decisions related to the environment.

"When I left Colombia, it was embedded in a terrible war. Terrible things were happening. I witnessed things that I think are too sad to say," says Gutierrez-Velez, an assistant professor.

Now that the war has ended, Gutierrez-Velez says, change can begin to come to Colombia, where his parents and extended family still live.

"We are in this situation where a lot is to be done in Colombia, and it's very exciting for me to be able to see that I am actually achieving what I aimed for before leaving," he says. "That's one of the motivations I have with this work."

MORGAN ZALOT, KLN '11

CHANGING MINDS

A new center at Temple's Lewis Katz School of Medicine is focusing on developing novel treatments for the sixth leading cause of death in the United States: Alzheimer's disease.

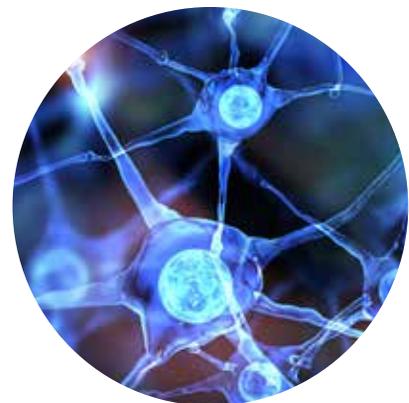
The Alzheimer's Center at Temple (ACT), established with a gift from Temple University Trustee Phil Richards, FOX '62, and the Scott Richards North Star Charitable Foundation, integrates research, training, and clinical and educational activities in order to study the pathophysiology of Alzheimer's disease and related disorders.

Domenico Praticò, a professor of pharmacology, microbiology and immunology who also serves in the Center of Translational Medicine, will lead the center as the first Scott Richards North Star Charitable Foundation Chair for Alzheimer's Research at Temple, an endowed chair also funded by the gift.

"ACT is committed to promoting brain health and fostering discoveries for a better understanding of Alzheimer's disease and related dementias through cutting-edge research, clinical studies and innovative educational programs," Praticò says.

"ACT brings together a diverse team of multidisciplinary and talented investigators who devote their entire effort to making a difference in the fight against these diseases."

MORGAN ZALOT, KLN '11





A visitor to the Franklin Institute examines the surgical needles developed by two Temple engineers on display as a part of a temporary 3D printing exhibit.

BUZZWORTHY

Nature is serving as an unlikely muse for a pair of Temple engineers. Drawing inspiration from the honeybee, Associate Professor of Mechanical Engineering Parsaoran Hutapea and PhD candidate Mohammad Sahlabadi are developing a new concept for 3D printable surgical needles.

“We brought some honeybees into the lab, and took out and inspected their stingers using a microscope,” says Hutapea. “The way honeybees sting human skin is very attractive for what we’re trying to develop, because, due mainly to the stinger’s barbs, it goes relatively smoothly straight through the skin and into the tissue.”

Hutapea has been using 3D printing technology to develop surgical needles since 2011 with the support of a Department of Defense grant. In developing these latest needles, made from a blend of polymers, Hutapea and Sahlabadi hope to create instruments that can decrease tissue damage while increasing precision.

After examining the barbs on the bees’ stingers, they devised a design with small barbs, or notches, carved into the needle. The notches, Sahlabadi explains, decrease the needles’ insertion and extraction forces, helping to further minimize damage to tissue.

Generally, due to its tip design, a surgical needle will curve when inserted into tissue and deviate from its planned path on the way to a target, such as a cancerous tissue, explains Hutapea.

“With this shape, the curve is limited—it makes it easier to control in a robotics setting,” he says. “It’s critical, because if the needle curves, you miss the target.”

The 3D-printed needles aren’t yet usable in practice as the needles and 3D printing technology itself are still being developed.

“The hope is that in two to three years, we have that technology,” Hutapea says.

MORGAN ZALOT, KLN '11

salute

LYNNE EWELL

“I recognize how fortunate I was to attend a world-class university that was affordable for my parents.”

As a child, Lynne Ewell, *ENG '86*, grew up watching her father, Temple Professor John Tarka, teach in his biomed lab. Later she became the first student and the first woman accepted into Temple's bachelor of science in electrical engineering program.

As an undergrad, she lived on campus in Johnson and Hardwick Residence Halls, and as a freshman cheerleader, she helped the basketball team usher in a new era when John Chaney began his winning reign as head basketball coach.

At Temple, Lynne also met her husband, John Ewell, *CLA '87*. In 1991, the pair founded Prism Engineering Inc., a provider of design engineering software. Twenty-six years later, when they sold their Horsham, Pennsylvania-based startup, it had grown to include 50 employees in six regional offices.

Today, after entrusting the education of her daughters—Carolyn, Class of 2020, and master's student Christine—to Temple, Lynne realized that leaning in to a STEM discipline, launching a company and providing for her family wasn't enough. She wanted to give back.

That's why she volunteers her time as the College of Engineering Board of Visitors Chair, and she and her husband recently established the John and Lynne Ewell Engineering Scholarship Fund.

“I am so grateful for the opportunities Temple gave me and recognize how fortunate I was to attend a world-class university that was affordable for my parents,” Ewell said.

With the Ewells' support, more Temple students can achieve their dreams.

That's something—and someone—worth saluting.

giving.temple.edu

WHERE LYNNE GIVES



OWL CLUB FUND



JOHN AND LYNNE
EWELL ENGINEERING
SCHOLARSHIP FUND



THE CINDY THOMPSON
SCHOLARSHIP FUND



SOCIETY OF WOMEN
ENGINEERS GIFT
FUND

ALUMNI NEWS

FIELD OF DREAMS

A lot can happen in 20 years. If anyone knows that best, it's Steve Maneri, KLN '10, and John Palumbo, CLA '10. They're two of this year's Young Alumni Diamond Excellence award winners. The pair played Temple football together and are still demonstrating the impact of teamwork.

In 2014, Maneri and Palumbo co-founded the Kid's Dream Big Foundation, which motivates students through sports to set goals and achieve them.

HOW THEY MET: Maneri and Palumbo grew up about 15 minutes apart in New Jersey. They knew of each other, but had never met—that is, until they roomed together on an official visit to campus to learn more about the football program. Palumbo had already committed to play for Temple and was tasked with getting Maneri on board. He was very persuasive.

POST-TEMPLE LIFE: Maneri was drafted by the Houston Texans and played for six different NFL teams over six seasons. Palumbo headed south to the Florida Coastal School of Law.

AT DINNER IN CHICAGO: The conversation, naturally, turned to football. Not in the way you might think, though. Maneri and Palumbo discussed their positions as role models and how they might use them for good.

THEIR MISSION: Kid's Dream Big Foundation works to apply what you learn in football—hard work, dedication, teamwork, accountability—to everything in life. They teach their students that success is inevitable if you take the on-the-field mindset and put it toward what you're passionate about.

Courtesy of Steve Maneri and John Palumbo



As accomplished athletes, John Palumbo (left), CLA '10, and Steve Maneri (right), KLN '10, are using what they learned on the field to motivate and inspire children.

INNOVATORS, ENTREPRENEURS, CHANGEMAKERS: WE WANT TO HEAR FROM YOU.

An upcoming issue of Temple magazine will be dedicated to showcasing 30 Owls under 30 who truly embody the Temple mission and spirit. If you're 30 years old or younger and making waves in your career or community, let us know why we should feature you. Or nominate someone else. Send a brief paragraph explaining why you (or your nominee) should be considered to templemag@temple.edu with the subject line **30 Under 30**.

Nomination deadline: October 1, 2018

TOGETHER, WE REACH NEW HEIGHTS ...

... and we make the greatest impact possible. That's exactly what our community did during this year's Global Days of Service and Temple Toast, April 23-29—thank you, Owls!

The university's annual weeklong event is dedicated to giving back by focusing on five initiatives—education, environment, health, hunger and support through gifts.

2018 BY THE NUMBERS



\$242,575
raised



2,342
service hours
logged



service sites in
15 states and
21 cities



627
volunteers

Joseph V. Labeolito



Ryan S. Brandenberg, CLA '14



From packing boxes at local food banks to planting gardens at nearby elementary schools, Temple students, staff and alumni do their part during the weeklong Global Days of Service.

MAKE PLANS

For a complete listing of events for Temple alumni, visit alumni.temple.edu/events.

AUG. 17: TEMPLE TAKEOVER AT THE PHILLIES

SEPT. 1: TEMPLE FOOTBALL HOME OPENER

SAVE THE DATE!

Mark your calendars for
Homecoming 2018: Oct. 19–21

Joseph V. Labeolito



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BRROADILLY

STORY BY JAZMYN BURTON





As when Temple Founder Russell Conwell held his first classes, the university may once again find itself at the center of a bustling thoroughfare.

Center City's skyline isn't the only thing that's rising. North Broad Street is, too.

From new and proposed development to improvements to landscaping and safety, there is no debating that the corridor is experiencing a revival.

Traveling north past City Hall, one of the most obvious transformations is the Divine Lorraine, now fully restored and leasing high-end, modern apartments.

The imposing, dilapidated landmark stood empty for decades, a brutal reminder of the losses sustained by the formerly prosperous boulevard. Today, with its eponymous neon sign lit once more, the 10-story tower stands as a beacon of hope for the future.

When the Divine Lorraine was originally constructed in 1892, North Broad Street was home to wealthy business owners who made their fortunes during the Gilded Age. New money magnates built opulent mansions and grandiose, four-story townhouses along the street.

In smaller row homes to the east of Broad Street lived skilled workers who were employed in the city's mills and factories, where they made hats, glass, linoleum and pianos. Educating these workers and their families became the mission of Russell Conwell when he founded Temple University.

When North Philadelphia's population declined following World War II as industries left cities, many of the luxurious homes that once lined the corridor were either sold or demolished.

By the early 21st century, North Broad Street was littered with debris, empty storefronts and abandoned buildings. Decades of disinvestment had sucked the lifeblood from the once-vibrant thoroughfare.

SEA CHANGE

Today, crews cleaning up sidewalks or volunteers filling planters are a common sight along the 4-mile stretch.

In addition, a new art installation of light poles, standing 55-feet tall, lines the median. Dubbed the North Poles, their design is reminiscent of streetlights that dotted the center of Broad Street a century ago.

Historic restoration is playing a significant role in prompting North Broad's long-anticipated upswing, but residential properties like the Divine Lorraine aren't the only buildings finding new life. A refurbished Metropolitan Opera House and a restored Uptown Theater will bring concert and entertainment venues back to the boulevard.

To support this turnaround, a community group established the nonprofit North Broad Renaissance in 2014 and Beech Companies' President Kenneth Scott asked North Philadelphia native Shalimar Thomas, *KLN '08*, to take the helm.

"Having the opportunity to advocate for the neighborhood I was raised in and believe in is amazing," says Thomas, the former executive director of the African American Chamber of Commerce.

In partnership with community stakeholders, Thomas works to promote revitalization and improve overall quality of life from City Hall to Germantown Avenue.

She and her colleagues serve as brokers to attract businesses to the area. To achieve this, she works to harness the power of what she calls "anchor institutions," like Temple University and Temple University Hospital.

Anchor institutions are schools, universities, hospitals, faith-based organizations and community-based organizations that have deep roots in a community and contribute to the community's stability and strength.

"They are often one of the biggest employers, and as a result, they have the potential to contribute greatly to the community's economy and well-being," she says.

Thomas' goal is to make sure that residents of the neighborhoods along Broad Street can capitalize on the area's development and economic expansion by securing family-sustaining jobs in the new businesses the revitalization attracts.

"We want to make sure that North Broad is not experiencing development for development's sake," says Thomas. "In that way we ensure that, whether through employment or commerce, the community will benefit."

THE BOTTOM LINE

Not all of the new development is focused on purely financial gain.

On the northern end of the corridor, the Beury Building—named for Charles Ezra Beury, Temple's second president, is currently under remediation by Shift Capital. The New York City-based firm is turning the Beury, a vacant, graffiti-laden building, into mixed-income apartments—with some units preferentially leased to people with physical disabilities.

Just north of Main Campus, Project HOME recently completed construction of the Ruth Williams House. The new structure carries on the mission of Project HOME co-founder Mary Scullion, *SSW '87*, to empower adults, children and families to break the cycles of homelessness and poverty. It provides affordable housing to people who are homeless and connects residents with health services and job training.

The revitalization efforts extend beyond Broad Street. For example, a few blocks east, affordable housing will replace the

former Norris Homes through the assistance of the Choice Neighborhoods Initiative. The program, led by the U.S. Department of Housing and Urban Development, transforms neighborhoods mired in extreme poverty into functioning, sustainable mixed-income communities.

PATHS TO EMPLOYMENT

As the economy along the corridor improves, efforts to bolster the workforce in North Central Philadelphia are also underway.

Where economic development focuses on bringing industry to the area, workforce development prepares working-age adults to take advantage of the career opportunities that come along with the redevelopment of urban centers, explains Sheila Ireland, FOX '93, executive director of the city's new Office of Workforce Development. Ireland's office is charged with overseeing the implementation of a new citywide workforce strategy in Philadelphia.

"Economic development and workforce development go hand in hand," says Ireland. "If you get both economic development and workforce development groups to focus on the same issue, such as helping those who are unemployed find jobs, you get a better solution than if they approach the issue separately."

Working in conjunction with citywide efforts, Temple has launched the North Philadelphia Workforce Initiative, supported by a \$512,000 grant from the Lenfest Foundation.

The initiative supports Temple's longstanding commitment to workforce development programs that serve various groups, including adults who are unemployed or underemployed, high school students, and citizens returning from incarceration.

"This initiative is particularly significant because not only will our neighbors continue to have access to high-quality job training resources, but those resources will also be more readily available than ever," President Richard M. Englert says.

DIAMOND ST

NORRIS ST

5

WEST MONTGOMERY AVE

CECIL B MOORE AVE

W GIRARD AVE

POPLAR ST

3

FAIRMOUNT AVE

SPRING GARDEN ST

CALLOWHILL ST

VINE ST

TEMPLE
MULTIPURPOSE
FACILITY

TEMPLE
SPORTS COMPLEX

4

PHILADELPHIA
METROPOLITAN
OPERA HOUSE

DIVINE
LORRAINE

2

RIDGE AVE

VIADUCT
RAIL PARK

1

1

VIADUCT RAIL PARK

North Broad Street and Noble Street
Phase one set to open in 2018
Friends of the Rail Park

Inspired by the High Line in New York, the Viaduct Rail Park will repurpose abandoned rail lines into usable green space that will serve neighbors, pedestrians and cyclists. Phase one includes streetscaping and lighting as well as landscaping on the elevated sections of the viaduct. The full park will measure 3 miles.

Courtesy of Atkin Olshin Schade Architects



4

TEMPLE SPORTS COMPLEX

Broad and Masters Streets
Opened 2015
Temple University

The approximately 10-acre property is the site of the former William Penn High School. The complex features two playing fields for use by men's and women's soccer, women's track and field, field hockey, and lacrosse teams. Each field includes bleachers, a digital scoreboard and a press box. The northern field is ringed by a publicly accessible track.



Betsy Manning, KUN '87, CLA '08



Betsy Manning, KUN '87, CLA '08

2

DIVINE LORRAINE

699 N. Broad St.
Restoration completed 2017
EB Realty

Originally constructed in 1884, this landmark featured luxurious apartments built for wealthy residents during the flourishing economy of the Industrial Age. In 1890, the structure began operating as a hotel and later, under Father Divine, became the first racially integrated hotel until it closed in 1999. The redevelopment, which offers 101 apartments, aims to preserve the history and prominence of the iconic building.

3

PHILADELPHIA METROPOLITAN OPERA HOUSE

858 N. Broad St.
Reopening scheduled for December 2018
EB Realty

Built in 1908, the historic structure was used by various opera houses, including New York's Metropolitan Opera House, before serving through the years as a movie theater, ballroom, sports venue and church. The Philadelphia Orchestra recorded in the Met during the '50s because of the hall's superior acoustics. A restoration effort will soon return the building to its musical roots, transforming it into a venue for Live Nation-managed concerts.



Courtesy of Moody Nolan



5

TEMPLE MULTIPURPOSE FACILITY

Broad and Norris Streets
Proposed opening 2020
Temple University

Temple's proposed multipurpose facility will create a vibrant, pedestrian-focused experience that will be more than an athletic center. The venue will bring the university and community together by providing a multifaceted space for events, retail, research and more.



Joseph V. Labolito

IT'S A WIN-WIN

If the plans Thomas and others have come to fruition, the next decade will see North Broad Street re-established as one of Philadelphia's most prominent corridors.

Glass facades will line the byway, and new industry will help sustain generations of North Philadelphia residents.

"We need educational institutions like Temple to help create the workforce and industrial anchors to keep the talent from leaving the city," says Thomas.

"When we work together in that way, growth is cyclical: The city wins, the community wins and improvement continues." ■

BREAKING THE CYCLE OF POVERTY IN NORTH PHILADELPHIA

Temple has a long history of providing quality educational and job training opportunities for local residents. Here's a look at some of the more than two dozen programs offered on campus.

- **TEMPLE TECH FOR PHILLY**, a collaboration between the university and Project HOME, prepares people for jobs in the tech industry through a 10-week training program focusing on computer technology.
- **THE COLLEGE BOUND ACADEMY** brings youth preparing to transition out of foster care to Temple's campus for a week during the summer so they can get a taste of college life and explore career paths.
- **TEMPLE CARES: BRIDGE TO EMPLOYMENT PROGRAM** is a collaborative effort between Temple University Health System and the College of Education that will serve students from North Philadelphia high schools. In partnership with District 1199C, the National Union of Hospital and Health Care Employees, students from six local career and technical high schools will be trained in a health sciences curriculum and, if they meet criteria upon graduation, be hired by Temple University Health System or other partners.
- The annual **NEIGHBORHOOD JOB FAIR**, held each May, connects job seekers with a wide variety of local employers.

W BUTLER ST

W ERIE AVE

W ONTARIO ST

W ALLEGHENY AVE

W INDIANA AVE

W LEHIGH AVE

YORK STREET

DAUPHIN ST

DIAMOND ST

BEURY BUILDING

9

BERMANTOWN AVE

RISING SUN AVE

NORTH STATION DISTRICT

8

W GLENWOOD AVE

RUTH WILLIAMS HOUSE

7

THE UPTOWN THEATER

6

6

THE UPTOWN THEATER

2227 N. Broad St.

Remediation began in 2017

Uptown Entertainment & Development Corp.

Built in 1927, this art deco structure has been closed since 1978. During the '50s, the Uptown became a major entertainment venue, drawing blues and soul acts from around the country, including Ray Charles, Stevie Wonder and the Supremes. Civil rights activists also held shows there. A plan is now underway to transform the building into a 2,040-seat theater with additional space for other events.

7

RUTH WILLIAMS HOUSE

2415 N. Broad St.

Completed in 2018

Project HOME

Ruth Williams House provides 88 units of affordable housing to the currently and formerly homeless and low-income members of the community. Residents are connected with health and behavioral services, such as substance use and recovery treatment.



Betsy Manning, AIA '87, CLA '08



Courtesy of Spagnolo Group Architecture

8

NORTH STATION DISTRICT

2900 N. Broad St.

Breaking ground in 2018

North Philadelphia District LLC

Located adjacent to the North Philadelphia regional rail station, this development will feature two buildings: one will be a six-story, 105-unit apartment building while the other will be a 21-story structure with 128 apartments and ample office space. The plans also include transforming a vacant industrial warehouse, known as the Ink Factory building, into a startup and manufacturing workspace.



Betsy Manning, AIA '87, CLA '08

9

BEURY BUILDING

3701 N. Broad St.

Reopening scheduled for summer 2019

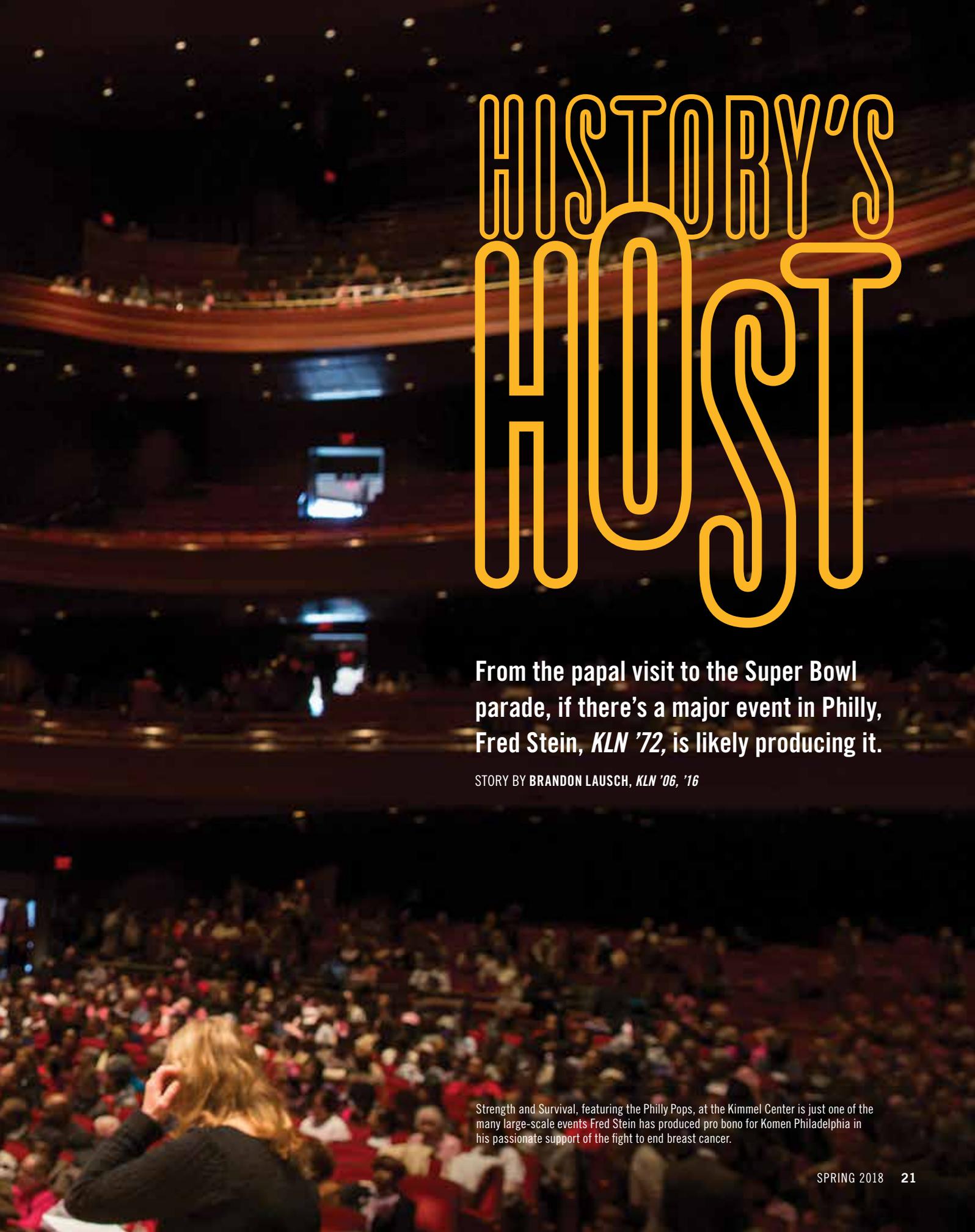
Shift Capital

Built in 1933, the Beury Building was formerly occupied by the National Bank of North Philadelphia. The 14-story, art deco skyscraper is being repurposed for both commercial and residential uses. Phase one will consist of 80 one-bedroom apartments, 50 of which will meet the requirements for affordable housing.



Betsy Manning, AIA '87, CLA '08





HISTORY'S HOST

From the papal visit to the Super Bowl parade, if there's a major event in Philly, Fred Stein, *KLN '72*, is likely producing it.

STORY BY BRANDON LAUSCH, *KLN '06, '16*

Strength and Survival, featuring the Philly Pops, at the Kimmel Center is just one of the many large-scale events Fred Stein has produced pro bono for Komen Philadelphia in his passionate support of the fight to end breast cancer.

The opening of the Liberty Bell Center. The opening of the Pennsylvania Convention Center. Multiple events for Pope Francis' inaugural visit to North America. And most recently, the Philadelphia Eagles' first Super Bowl victory parade.

Fred Stein, *KLN '72*, executive producer of the Creative Group, estimates that his Philadelphia-based firm has staged nearly 3,000 special events and meetings since its founding in 1984. That includes practically every major celebration, anniversary, groundbreaking or grand opening in Philadelphia in the past three decades.

Stein and one of his sons, Neil, *KLN '04*, an event producer and multimedia coordinator, combine fastidious attention to detail and grandiose imaginations to host historic events where seemingly anything is possible.

Temple magazine sat down with Stein to discuss the widely lauded Eagles parade—an event the city had anticipated for decades but could only truly plan days in advance—and how meaningful the event was for millions of fans. He also outlines how he approaches events where typical clients are heads of state, celebrities and CEOs.

Temple Magazine: Let's start with the Super Bowl victory parade. How long did you have to plan?

Fred Stein: Specific to this little project, we get a call from the Eagles six days before the Super Bowl. I'm asked if I'd be interested in putting together a parade and a ceremony if and when they win.

They were superstitious. They didn't want to be jinxed. I could not communicate what I was doing to anyone, which meant I couldn't really call people and say, "Hold this, hold that, I need 5,000 feet of barricades on Monday morning."

I had to sign a confidentiality agreement—this is the Wednesday before the Super Bowl—that I couldn't really communicate. I'm thinking about how I need 14 JumboTrons for seven days from now if they win. But I'd have to wait until Monday morning, three days before [the parade], to start looking for them? So I was allowed to call some people. I just couldn't tell them what I was doing.

So of course they read between the lines.

Exactly. I say, "Look, if I hear that you've communicated my request to anywhere, then you're not going to have the job." You put the fear of God in them a little bit.

I am fortunate in my career to have once-in-a-lifetime events, and this is one of them. No doubt about it.

How did you envision this event, or were you given marching orders?

There was a sense that the Eagles, with the few elements they wanted to communicate, wanted the parade to go north from the stadium and end at the Art Museum.

Because they wanted as many people as possible to attend?

Correct, and the city of Philadelphia had encouraged that for handling of crowds and public transportation. The Art Museum is an iconic location. It wasn't necessarily just the

Page 22

Left: Many of the hundreds of thousands of attendees of the Eagles' first-ever Super Bowl parade took public transportation, making for a crowded—albeit festive—ride on the Market-Frankford Line.

Right: Philly's newest catchphrase is seen high in the sky above the William Penn statue sitting atop City Hall.

Page 23

Left: Football fans embrace the underdog moniker while celebrating the Eagles' unlikely championship win.

Right: The men and women in blue join in the fun along the parade route.



Ryan S. Brandenburg, CLA '14



Joseph V. Labolito



Rocky steps, but it was the Ben Franklin Parkway and the facade of the Art Museum.

Basically that was your palette: “We want to end on the Parkway. Go to it.”

Exactly. My blank slate was “north.” We made the decision in the early planning to suggest to the Eagles that we use the steps as the stage. Traditionally, in the last few years, any stages for events at the Art Museum are set up across the street in Eakins Oval so that the [museum’s] steps are out of bounds.

But, we didn’t want the stage up top because that would have been too far away from the crowd. So we did it on that second level. It ended up working perfectly. Why? Because we’re very lucky.

The route had the team leaving from Lincoln Financial Field. We knew it would be motorized because it was a long run. We could not print, apply any decal, or hang any banner or sign until Monday morning. So we lined up whatever we could without committing—such as 16 double-decker buses—by basically saying, “Do you have this available? We’ll let you know.”

We wanted the parade to begin at 11 a.m. I’m a stickler for timelines, and I work second by second. At 10:58, all the buses, the lead police cars, and the hundreds of motorcycles and bikes were right at Broad and Pattison.

We figured they would travel 3.4 miles per hour. It was 3.6 miles from that point—Pattison Avenue—to City Hall, and we knew it was another eight blocks up to the Art Museum. So we figured about an hour and 15 minutes for the parade itself.

How long did it take?

Over two hours. We got the last bus there at 1:20. And here’s the reason why: 10 minutes into the parade, we get a call on the radio, “The parade stopped.”

The players had started walking, right? The players jumped out, and not so much that they were walking as they were going over to the fans, shaking hands, taking pictures—more selfies than God knows what.

I said, “What do the police say?” The staff said, “They don’t know what to do.” Eventually, the players got back on the buses, it starts moving up, and then I hear a mile later, “They got out of the buses again.” I said to the Eagles staff, “Just go with the flow. That’s all you can do.”

Just to digress from day-of parade, the day after the win, the mayor’s office held a press conference. Basically it was the mayor, the police commissioner and Don Smolenski, the Eagles president. When I got there, they said, “Fred, you’re going to give the details.” At that point, I’m still putting the details together myself.

I have not used so many adjectives in one 10-minute presentation as that day. Dramatic! Mesmerizing! Astounding! Super! What I didn’t know was that every one of the local news stations had broken in to broadcast the press conference live.

Whose idea was it to show the Super Bowl the morning of the parade?

When the Eagles agreed that I should be allowed to put out as many JumboTrons as I could—and I had them from City Hall all the

way up to the Art Museum—I said, “We need content. You tell us what you want.” And to the Eagles credit, they said, “We could probably get the rights to the game.”

We back-timed it to begin at 8 o’clock that morning, so it would end just before 11 o’clock, because then we were broadcasting the parade live. I heard it firsthand on the Parkway: The fans were cheering the game as if it was happening for the first time.

Tell me about the players’ speeches, including Jason Kelce, who won the day. What was your reaction in the moment?

Every coach, every player, nothing was scripted. It came from the heart. They marched down the steps. We didn’t want anyone else in the picture, just the team, players, coaches and staff. From that point on, other than calling a couple of cues—for fireworks or whatever—we were just basking in the same exact thing that millions of our friends and colleagues were witnessing.

Jason Kelce starts, and his voice was already hoarse. I’m off to the side, and we’re hearing it live. His first four-letter word, we’re thinking, “OK, we’ll get over that.” But it just kept going. All I could think of was, “I can’t wait to watch this online later,” because it’ll be on YouTube in four minutes. That became one of the trademarks of that celebration.

I think a lot of people who were at the first press conference thought that was one of the surprises I alluded to. Well, it was—it was a surprise to me, too.

What did it mean to you personally to be part of the first Super Bowl parade for the city?

I was honored to just be a part of history alongside the almost 1.1 million fans on the street and tens of millions around the country, around the world and even on airplanes watching this parade and ceremony.

As a native Philadelphian, I felt a sense of pride that very few times in my life I have experienced. But it was pride over the city being proud and not necessarily of our work producing the parade. That part was wonderful, but having been a small piece of the fabric of a “proud Philly” is the best.

Let's shift to your guiding principles when you're putting on such grand events.

Teamwork. You're talking about not only my team, which includes Karen Homer and, of course, Neil, but also the city—almost every single department. Then the other team is the Eagles and their staff. And then the vendors who provided the sound system, who set up the stage, the 240 union guys who worked for three days and nights straight and who were fed by a caterer.

Another element would be communication, where we are internally communicating everything that has to get done, and, if there are issues, we're communicating to the proper people and asking them for advice, not telling them what to do.

Then there's external communication and letting the world know what's been planned and what's happening.

How do you keep from crumbling under the pressure, given the significance of these events and the personalities at play?

The first undergrad event management class I ever taught at Temple, I walked into the room, I gave my background and I said, “How many of you like to party?” Everyone raises their hands. “How many of you have been to an event?” Everyone. “How many of you have produced an event?” A couple of kids.

Now, here's the big question: “How many of you love stress and pressure?” Maybe you get a couple. Every class I've taught since, and every time I talk about career and experience, it's if you can't handle stress and pressure, this probably isn't [a career] you should be going into.

When I see a client under stress, they need to depend upon us [to] keep calm. I'm always proud of saying that if I see that something is wrong and can correct it before anyone notices it, then guess what? Nothing went wrong.

How do you stay fresh when seemingly you've done it all?

It's thinking on your feet and not just doing cookie-cutter operations. I'm going to finish a proposal this afternoon for the opening of an innovation center that's down at the Navy



Joseph V. Labolito

The dedication of Stein and his son Neil (right), along with their team at the Creative Group, is apparent as they strive to make every occasion unique.

Yard. And it has to be totally different from a proposal that I have to write next week for the opening of a million-and-a-half-square-foot manufacturing plant in Ohio for an Italian producer of toilet paper. Swear to God.

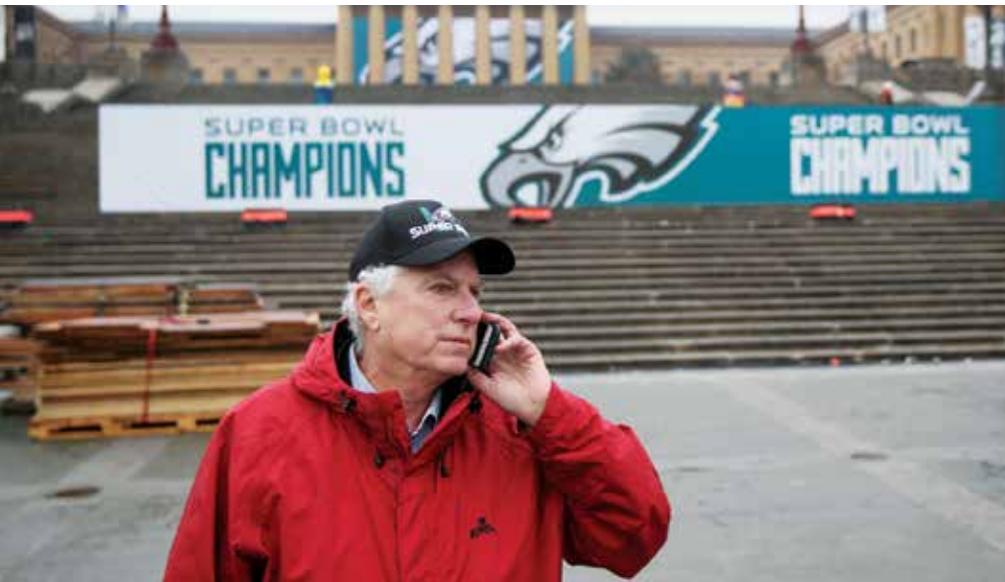
I will do “ribbon cuttings,” but I'll never use three-foot rental scissors—ever. When we did the opening of the Museum of the American Revolution, I had a ribbon because they wanted one, but I had a re-enactor using the original sword, from the museum, that George Washington carried.

How old are you now?

This is the best part! The best part of being Class of '72 is you have the free SEPTA card. People say to me, “You take the subway?” I say, “Yeah, do you know why? Because I went to Temple.” How could you not take the subway?

What's in the future?

Not retiring, ever. I look forward to such things as 2026—the 250th anniversary of the United States. I want to be a part of that. Then I want to look after that at what's coming next. It could be our 15th Super Bowl championship. ■



Tim Tai, Used with permission of Philadelphia Inquirer Copyright © 2018. All rights reserved.

Stein handles countless details when orchestrating grand events like the hugely successful Eagles Super Bowl parade.



LEARN MORE at news.temple.edu/historys_host.

CHAIN OF EVENTS

When you're Fred Stein, *KLN '72*, your routine is once-in-a-lifetime events.

1972

Stein graduates from Temple with a bachelor's degree in communication and becomes a reporter with Intercounty Publishing, a local chain of community newspapers.

1981

Stein is appointed Philadelphia's assistant managing director to plan and implement the city's 300th anniversary events. He turns a \$25,000 appropriation into \$3 million in sponsorships for more than 100 events in a year. The first: a film festival honoring actress Grace Kelly.



1983

Only a few months after becoming chief of staff for U.S. Rep. Thomas Foglietta, Stein leaves the job to work on behalf of the national Commission on the Bicentennial of the U.S. Constitution, chaired by U.S. Supreme Court Chief Justice Warren Burger.



1984

Stein establishes the Creative Group as a special-events production and meeting-planning firm. To date, the company has staged over 2,800 events worldwide.

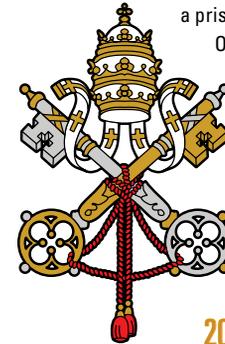


1997

After hosting major events at Penn, Drexel, Villanova and other universities, Stein gets a call from Temple President Peter J. Liacouras to organize the opening of "The Apollo of Temple." Three years later, it's renamed the Liacouras Center.

1987

In celebration of the Constitution's bicentennial, Stein helps to organize a July 1 train trip for approximately 300 members of Congress to go from Washington, D.C., to Philadelphia for an overnight stay. It's the first time Congress leaves Washington en masse. Later that year, the entire U.S. Supreme Court makes a similar trip.



2018

The Philadelphia Eagles win their first Super Bowl, kicking off a victory parade along Broad Street and the Parkway that Stein coordinates in less than a week with practically every city department, the Eagles organization and a large variety of vendors. It's widely heralded as a stunning success.



2008

The Comcast Center forever changes Philadelphia's skyline, and Stein hosts the grand opening (and, before that, the groundbreaking and topping-out ceremony of the 58-story building).



Joseph V. Laballo

BARNES

THE BARNES FOUNDATION

2012

The Barnes Foundation relocates from Lower Merion to Benjamin Franklin Parkway. As he did with many other major projects (such as the National Constitution Center and National Museum of American Jewish History), Stein hosts the groundbreaking and grand opening.

2015

During Pope Francis' first visit to North America, Stein produces a variety of events in Philadelphia, including a cathedral Mass, a prison visit and speeches.

Outside Independence Hall, under Stein's direction, the pope speaks from the same lectern Abraham Lincoln used for the Gettysburg Address.



A GROWING SOLUTION

A College of Engineering program in local schools is inspiring future agricultural technologists.

STORY BY **KYLE BAGENSTOSE, KLN '11**

ILLUSTRATION BY **CHIA-LING YANG**

PHOTOGRAPHY BY **JOSEPH V. LABOLITO**



It's a winter Wednesday morning at Kenderton, a K-8 school just west of Temple University Hospital in North Philadelphia, and the hallways are abuzz as teachers line up students for roll call. One by one, a few children who participate in the school's STEM (science, technology, engineering and mathematics) team are plucked from their morning routine and led to a quiet second-story classroom.

Mansa Brownlee, a bright-eyed seventh-grader, is the first to enter the room. Finding himself in the midst of half a dozen adults he doesn't recognize, he sheepishly crosses the room and peers into a strange, 4-by-4 plastic tub placed atop a rolling cart. It's lined with a thin layer of pebbles that look like Milk Duds and crackle like Rice Krispies.

"Cat got your tongue?" asks a man nearby, smiling.

"No, sir," he quietly replies.

An hour later, it's a much different scene. Five of Brownlee's friends have arrived, and they're wildly relaying a cart up and down the hallway to a sink, running water over the pebbles to clean them and wheeling them back to dump into the tub, bucket

after bucket. They haven't been told yet, but they're building an aquaponics system—a model of soilless agriculture that relies on fish to grow herbs and vegetables.

"The value of this is not to be understated," says Jamie Bracey, director of the Center for Inclusive Competitiveness in the College of Engineering, as she watches the children work. "We're talking about community sustainability: economic, social and environmental."

Bracey oversees a Temple-led effort to introduce aquaponics to Philadelphia public school students, as part of a wider campaign by the College of Engineering to matriculate more area students into careers in STEM. She points out that less than 5 percent of the school district's students have traditionally gone into STEM fields. In a region rich with industries such as biotechnology, she sees gigantic amounts of untapped potential to connect Philadelphia students to good-paying careers in technology.

"These are the kids no colleges are recruiting, because they are interested in only the top 10 percent. But shame on all of us, because here are these kids doing

amazing things," Bracey says. "No one's ever told them by high school that this is a path they can take."

Over the past eight years, the college's main vehicle in schools has been its role as regional host of MESA, a nationwide engineering and technology program that provides curricula to member schools and organizes annual competitions. As many as 50 Philadelphia schools participate each year, with Temple providing classroom resources and hosting workshops on Main Campus on Saturday mornings. The strategy is working: So far, about 85 percent of MESA students have gone on to college, compared to 67 percent districtwide.

But with aquaponics, Bracey is thinking even bigger. She sees it as a part of the solution to local problems such as food deserts and a lack of farmland as well as worldwide crises like freshwater shortages and climate change.

"We want to take the science skills the students have already learned and apply them to grand challenges the entire world is working on," Bracey says.



Studying aquaponics exposes high school student Aaliyah Briggs to STEM fields she may not have otherwise considered.

FISH INTO WATER

Bracey isn't working alone. After receiving \$50,000 from corporate partners Chubb and Waste Management to fund a pilot aquaponics program this year, she connected with Bertram Johnson, an agriculture teacher at W.B. Saul High School in the Roxborough section of Philadelphia and co-instructor at Temple University Ambler's Aquaponics Laboratory, to help design the program. Together they identified six Philadelphia schools in which to build small-scale aquaponics systems: Saul, Abraham Lincoln and George Washington Carver high schools as well as Kenderton, Sharswood and Bethune elementary schools.

To build a system, Johnson drills holes through a plastic tub and connects tubes to a second tub below. The lower tub is filled with water and houses fish; the top tub is used to grow plants. A pump pushes the water up to the top tub, where it floods a seeded pebble bed before draining back down. The fishes' excrement provides

nutrients for the plants, and the plants filter water for the fish.

The system runs on its own, with fish food and electricity for grow lights as the only recurrent costs.

Johnson adjusts his curriculum for the aquaponics system depending on the age of the students. For younger students, it might be as simple as sketching the plants and learning how they grow.

"For more advanced kids, we're doing water chemistry, and we're going to talk about the water cycle and the nitrogen cycle," Johnson says, adding lessons can be designed for all ages. "The whole idea is, it becomes a total school kind of curriculum."

Aquaponics also enables students to apply concepts they've learned from other MESA projects. A student favorite is building rovers—small, autonomous robots whose sensors can be repurposed for aquaponics.

"Our rover can detect water and soil," explains Andre Watkins, a sixth-grade student at Kenderton. "So we're going to do water testing."

Using the sensors, students measure data such as pH, temperature and nutrient levels. They track trends and upload the information to a website, activities that serve as an opportunity for an additional software lesson.

At the high school level, Bracey and Johnson developed a pre-apprenticeship program for 30 students working on the aquaponics systems. In addition to hands-on experience building the systems, the students receive a \$1,000 stipend and help finding paid internships. The goal is to work with faculty to approve the experience so they can earn college credits if they enroll at Temple.

Dema Alhuraibi, a junior at Lincoln, is one of the students in the pre-apprenticeship program. When Johnson visited her school to build the aquaponics system, she at first cowered with several friends as he began using a jigsaw to cut holes in the material. One by one, he called the students up to use the tool, many of them for the first time.

Alhuraibi executed her piece flawlessly, drawing a smile from Johnson.

"It requires a lot of work, a lot of hands-on work," Alhuraibi says of aquaponics, adding that it's a divergence from her current ambition of traveling the world as a health worker. "But overall it's pretty interesting, because I'm trying something I've never done before."

SPRINGING TO LIFE

In addition to their work in the classroom, Bracey and Johnson are already thinking about how to grow the aquaponics program beyond this year's pilot effort. They're

Engaging Saturday morning workshops on Main Campus introduce attendees like Mansa Brownlee to a STEM education at a young age.





(Left to right) Kesti Koci, Aaliyah Briggs and Muzakkir Khan (far right), shown with teacher Paula Miller (second from right), gain valuable hands-on experience as well as college credits if they enroll at Temple.

planning an expansion to more schools next year, using Temple engineering students as mentors to increase capacity. They're also brainstorming ways to build working systems that are accessible to communities, such as in vacant homes or lots, that could provide herbs and vegetables to residents.

"There are a lot of vacant buildings around here that could possibly be changed into controlled environment agriculture," Johnson says. "The food is fresher, it's a better quality, and you don't increase the carbon footprint."

Paula Miller, a physics teacher and lead instructor of the MESA team at Lincoln, adds that fresh soil is a "dying commodity" around the world and encourages her students to think critically about which plants can be grown using aquaponics to deliver the most nutritional value to consumers.

"Our students will not come across aquaponics in their everyday lives," Miller says. "But by bringing it into the classroom, they can see this is actually a career."

Upon the completion of each year, that's the endgame for Bracey: That all students who graduate from the aquaponics and MESA programs leverage their education into high-powered jobs or the pursuit of college degrees in the sciences.

At a recent meeting in Harrisburg, Bracey says Cheryl Cook, Pennsylvania's deputy secretary of agriculture, overheard her talking about aquaponics.

"I'm absolutely thrilled with this project," says Cook. "With so many of our current farmers looking to retire, we need a new

generation of food producers; we need to increase food production without sacrificing our soil and water quality; and we need to ensure that citizens in our built environments have access to fresh, healthy foods."

Back in Kenderton, it's up to students like Mansa Brownlee to help figure out the way forward. After an hour or two of working on the aquaponics system, he's loosened up and is playing with a robot he helped program. Turns out, it's his 13th birthday.

"We engineer, we do the coding, we do the math," Brownlee explains. "We decide which directions we want our rover to go in." ■

Kyle Bagenstose is an environmental reporter for the Bucks County Courier Times and a freelance journalist. He lives in Philadelphia's Kensington neighborhood.

Kenderton Elementary School students Anntonette Thomas (left) and Jordan Steward (right) collaborate to build their own small-scale aquaponics system.



SOWING SEEDS OF OPPORTUNITY

Once or twice per semester, the MESA students traveled to the Ambler Aquaponics Lab, where they received additional instruction in aquatic agriculture and horticulture.

Partnering with schools and community groups to educate the public about soilless farming is a primary mission of the lab, located at Temple's Ambler Campus.

While traditional commercial aquaponics gardens focus on harvesting both plants and fish, the fully accredited Ambler Aquaponics Lab is focused entirely on research, exploring different types of aquaponics setups and finding the best balance between fish, plants and nutrients.

Today, the program that began as a grassroots effort in 2013 offers both three-credit and non-credit courses in aquaponics.

The courses attract everyone from entrepreneurs, government officials and teachers to homeowners, foodies and survivalists.

"I think more and more people are becoming interested in the idea of growing their own food in a closed system that they control," says instructor Tom Bilotta.

To learn more, visit ambler.temple.edu/about/aquaponics-ambler.



A peek inside the LESLEY shows some of the irreparable damage the sneakbox has incurred over the years.



Beyond Repair

Ten history students strive to save a Jersey shore treasure.

STORY BY **KIM FISCHER, CLA '92**
PHOTOGRAPHY BY **RYAN S. BRANDENBERG, CLA '14**

Cynthia Heider bent tentatively over an unpainted pine plank and placed a drill bit at the precise spot she had carefully identified.

Applying pressure to the top of the bit brace hand drill with one hand, she rotated the bit by turning the tool's U-shaped handle across her torso in a circular motion with the other hand.

"The movement was awkward and unfamiliar," remembers Heider. "And it required a considerable amount of strength."

As she continued to rotate the drill, she felt some tension and the wood began to splinter.

Heider wasn't taking a woodshop course. She was one of 10 graduate history students at work in the Independence Seaport Museum's Workshop on the Water, a boat shop located at Philadelphia's Penn's Landing.

Looking out the window onto the nearby dock, Heider could see the tall masts of the USS Olympia, a Spanish-American War-era cruiser that is a part of the museum's collection. The sound of a hammer and the smell of sawdust permeating the air added to the sensory experience.

By using traditional hand tools to make something out of wood, in this case tool boxes, the future historians gained awareness of the kind of labor and amount of time required to build a boat 100 years ago.

"When we use an ancient tool such as the bit brace, we feel our bodies working in ancient ways," says Associate Professor of History Seth Bruggeman. "Your hand or arm becomes something different when it is attached to a tool."



History students survey the exterior of the LESLEY, gathering data to be used to create a 3D interactive model.

ON THE WATERFRONT

Every Wednesday last fall, the students met for three hours at the museum, the mission of which is to bring to life Philadelphia's connection to the Delaware River. Says curator Craig Bruns, *TYL '94*, "Here, visitors can connect with the city's history as a seaport."

Bruns had approached Bruggeman the prior spring with a proposition: Help the museum staff figure out how to save the LESLEY.

The LESLEY was a 23-foot racing sneak-box, a vessel indigenous to the Philadelphia region, built during the 1930s by the Perrine Boatyard of New Jersey's Barnegat Bay.

The boat had been a donation to the museum, but because of its poor condition, it had been slated for deaccessioning (formal removal from the museum's collection) and eventual disposal.

For Bruggeman, who is director of Temple's Center for Public History, the request presented an intriguing opportunity for his Studies in American Material Culture course, and the museum offered the perfect setting.

The class is required for those pursuing a master's degree in public history.

"Historians sift through books and documents to answer whatever questions interest them," explains Bruggeman. "Public historians must answer questions posed by people who live and work in the communities they serve."

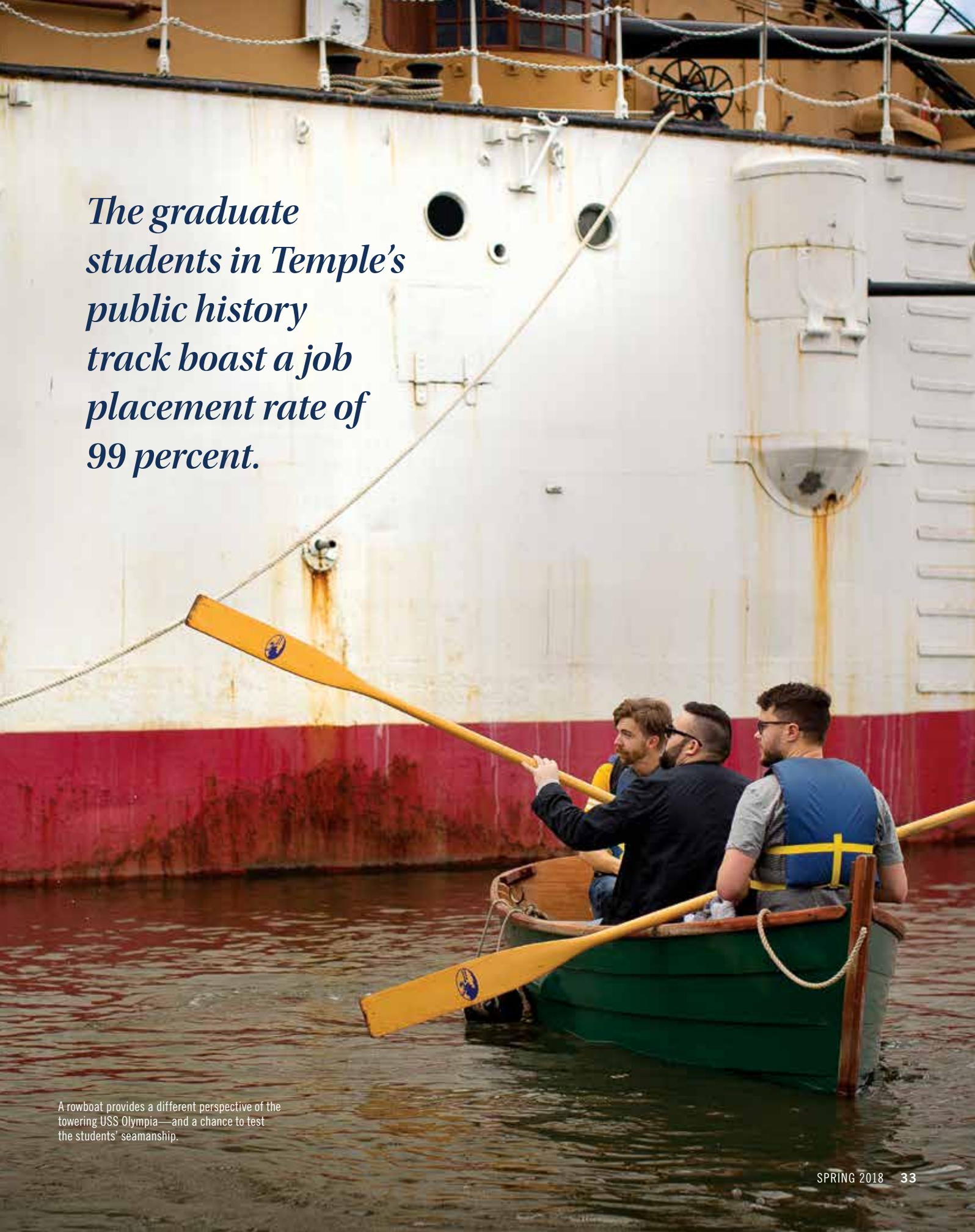
The graduate students in Temple's public history track, who are training for positions as museum curators, historic site managers and digital archivists, boast a job placement rate of 99 percent.

SHIP AHOY

On the river in rowboats during one class session, the students struggled to orient themselves with their oars in the water.

The class had experienced the USS Olympia from the inside during a formal tour, but in the rowboats they were seeing it from the outside, gazing up from the water at its massive metal hull.

"I'm an Early Americanist, so that means I mostly just dive into books—there's not any physicality to what I'm usually doing," says graduate student Daniel Pace. "This is a completely different perspective on history."

The image shows three young men in a green rowing boat on a body of water. They are wearing blue life jackets and using yellow oars. In the background, the massive white and red hull of the USS Olympia is visible, with various portholes and rigging. The scene is captured from a low angle, emphasizing the scale of the ship.

The graduate students in Temple's public history track boast a job placement rate of 99 percent.

A rowboat provides a different perspective of the towering USS Olympia—and a chance to test the students' seamanship.

A BRIEF HISTORY OF TIME AND THE LESLEY

Rowing on the river also gave the students, who were otherwise unfamiliar with boating, a sense of what it may have been like to ride in a sneakbox.

Sneakboxes were originally designed for use by working duck hunters in the mid-19th century. Early sneakboxes were roughly 12 feet long, and they were light and maneuverable to accommodate the Barnegat region's marshy coastal lands. Rails allowed the small crafts to move through ice in the winter as well.

Around the end of the 19th century, sneakboxes gained popularity among an emergent leisure class. "At that time, guys from the city would jump on the New Jersey Southern Railroad line that opened between Philadelphia and Atlantic City in 1860 and rent them to go hunting on weekends with their buddies," explains Bruggeman.

As a result, the design of the sneakbox evolved for use first as a leisure and then as a racing vessel, eventually reaching 23 feet in length.

"But by the 1960s, the sneakbox had all but vanished," says Bruggeman. "In the class, we use the story of the sneakbox as a portal to the issues of the region's changing economy, landscape and relationship between Philadelphia and the coast."

BURIAL AT SEA

When graduate history student Ted Maust met the LESLEY on the first day of class, finding it set up on a patio with no shelter, he was struck by the deteriorating condition of the once beautifully crafted woodwork.

"Engaging with a doomed, constantly changing artifact was pretty moving," he says.

Because the LESLEY was physically beyond repair, Bruggeman's students decided to use digital methods to preserve the boat for the museum before the vessel was lost to demolition.

After spending 10 weeks touching, drawing, measuring and photographing the LESLEY and immersing themselves in the maritime history of the Jersey shore, the students gathered all of their data. Using photogrammetry, they stitched together hundreds of the photographs. Then, with the help of

Jen Grayburn of Temple's Digital Scholarship Center, they rendered all of it as a 3D interactive model and presented it to the museum in the spring semester.

In this way, the museum could maintain a record of the LESLEY from which the sneakbox could potentially be reproduced one day.

"We were responding to a question that faces many museums today," says Bruggeman. "What do we do with objects we can't afford to keep?"

ALL ABOARD

For Maust, completing the digital rendering of the LESLEY was bittersweet. Near the end of the semester, the students had discovered that the sneakbox had been someone else's restoration project but was abandoned part-way through.

"To know that this person had seen this value in the boat but had been unable to follow through on their vision was really kind of depressing, but also profound," says Maust.

By partnering with cultural organizations around the city, Bruggeman is able to provide his students with unique opportunities for uncovering the past and understanding the historical significance of the relationships between people and their things.

It's all part of his belief that STEM (science, technology, engineering and mathematics) students aren't the only ones who need to do fieldwork. "Humanities students need hands-on, sensory experiences, too," he says.

Heider's hands-on experience building the tool box showed her that sometimes materials can control the outcome of a task.

"When my wood split, I gained a new appreciation of how objects exert influence," she says. "So, when we look at an artifact, we need to understand what decisions the craftsperson may have been forced to make because of the materials."

And sometimes, adds Maust, the most powerful stories objects tell us come from "the missteps and damage that happened to them along the way." ■



VIDEO EXTRA: Watch the students attempt to save the LESLEY at news.temple.edu/beyond_repair.





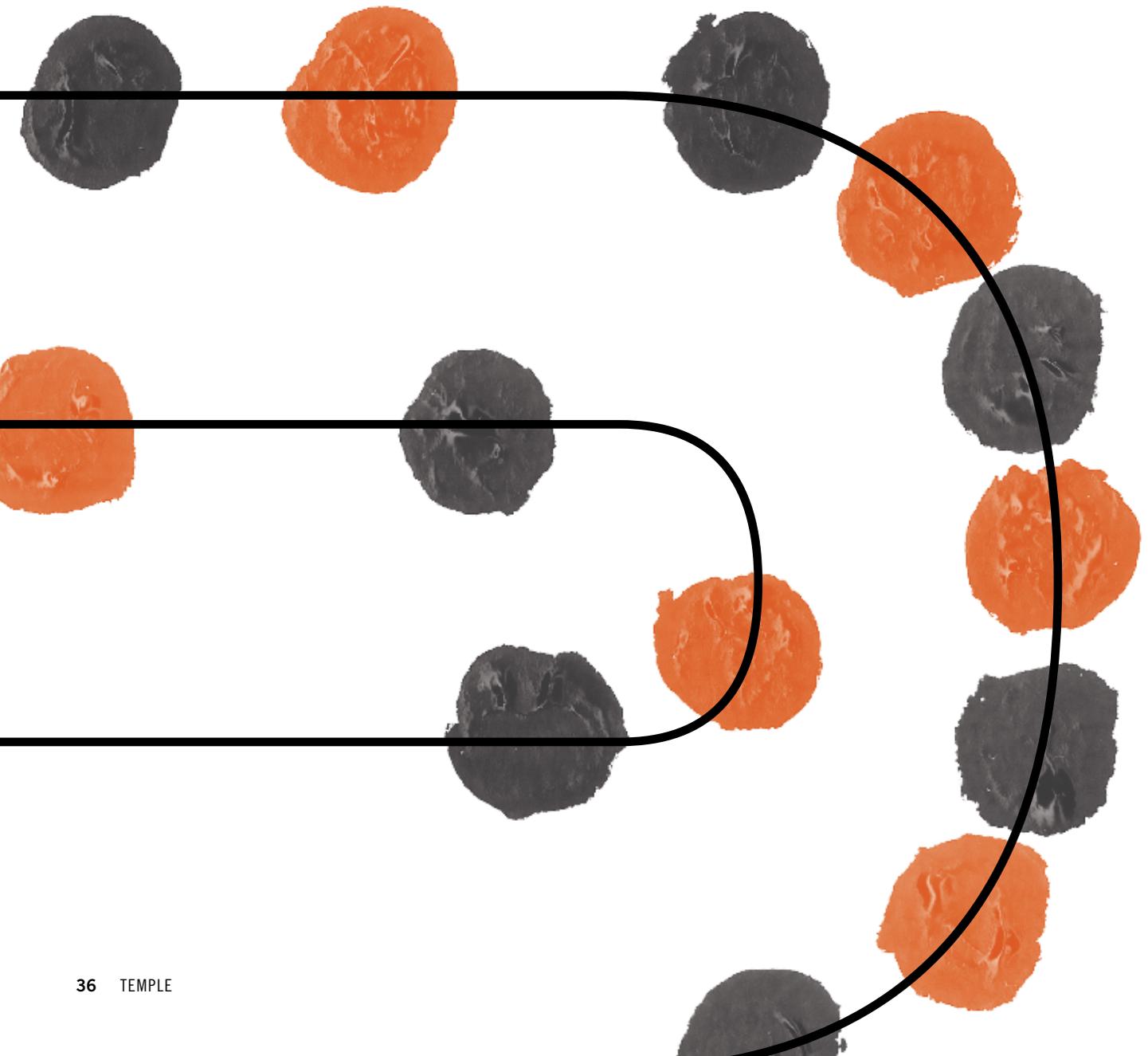
The Independence Seaport Museum's Workshop on the Water offers unbeatable views of the vessels on the Delaware River.

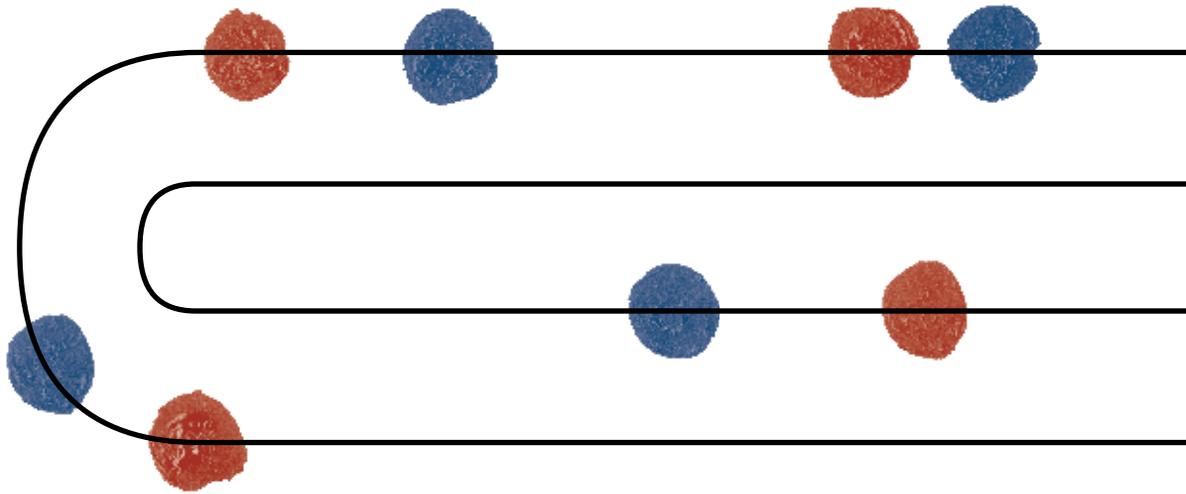
DRIVE TIME

A mathematician predicts how to solve one of rush hour's most vexing problems.

STORY BY BRUCE E. BEANS

ILLUSTRATION BY ANDREW COLLETTE





Everyone who has ever driven a car has found themselves stuck in puzzling, stop-and-go, phantom traffic jams.

“You have to brake, because the person in front of you brakes and you see no discernible cause for that,” says traffic flow researcher Benjamin Seibold, associate professor of mathematics in the College of Science and Technology. “It just happens.”

But what if a few self-driving cars were inserted into that uneven traffic flow?

A real-world experiment that Seibold and collaborators conducted confirms what the applied mathematician’s own traffic models and computer simulations had predicted: The presence of only a few properly controlled, autonomous vehicles can eliminate the stop-and-go traffic jams caused by human drivers—along with the accident risks, fuel inefficiencies and increased pollution that such driving causes.

The finding, by an interdisciplinary team that includes Seibold and researchers from three other U.S. universities, indicates that self-driving cars and related technology may revolutionize traffic control even before they represent a significant percentage of vehicles on American roads.

A POSITIVE INFLUENCE

“Our simulations indicated that it would be possible to eliminate phantom traffic jams if just one in every 20 to 25 vehicles was self-driving,” says Seibold. “The instabilities that human drivers unintentionally introduce by their driving behavior can get canceled by a single, well-controlled autonomous vehicle.”

Funded by the National Science Foundation’s Cyber-Physical Systems program, the research was published earlier this year in Transportation Research Part C: Emerging Technologies.

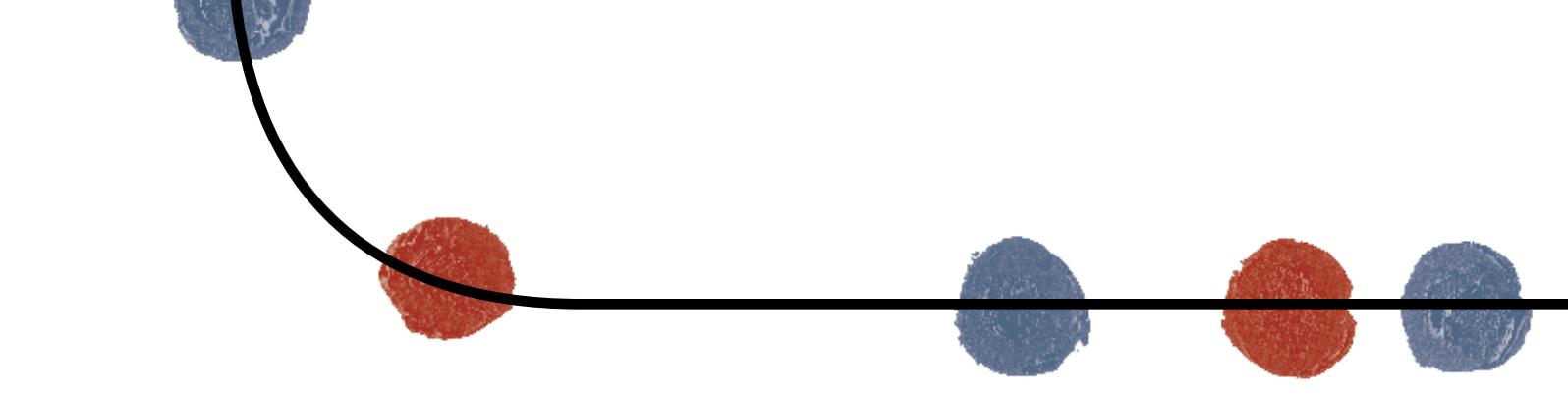
Seibold’s model predictions were confirmed on a circular test track in Tucson, Arizona, where, for the first time, researchers demonstrated that only a single self-driving car can smooth out the traffic flow of 22 other cars driven by humans. The pace of the self-driving car was controlled via algorithms based on models and simulations developed by Seibold’s research group.

FUELING EFFICIENCY

The team also concluded that eliminating stop-and-go traffic waves, or jamitons, could reduce total fuel consumption by up to 40 percent—and reduce polluting emissions of carbon dioxide and nitrogen oxides by the same percentage. Watching a video of the Tucson experiment on his laptop, Seibold points out that only about a minute after the self-driving car joins a stop-and-go traffic jam, the flow of traffic smooths out considerably and far fewer drivers are tapping their brakes.

It is expected to take many years before such fully autonomous cars make up a majority of motor vehicles. However, understanding and predicting the near-term scenario, when a limited number of self-driving cars will share the roadways with mostly human drivers, is even more challenging.

“The proper design of autonomous vehicles requires a profound understanding of how humans will react to them,” Seibold says, “and traffic experiments like the one we conducted play a crucial role in understanding this interplay of human and robotic agents.”



“The proper design of autonomous vehicles requires a profound understanding of how humans will react to them.”

—BENJAMIN SEIBOLD, ASSOCIATE PROFESSOR OF MATHEMATICS

“For research like this to have any chance of working, we needed to bring together four disciplines that included traffic models and computer simulations, control theory, someone with autonomous car expertise and civil engineering experts,” says Seibold.

Daniel Work, another of the project’s researchers and an assistant professor in civil and environmental engineering at Vanderbilt University, agrees: “Vehicles are becoming increasingly automated, electrified and shared (Uber and Lyft), and designing for these transitions or making predictions about how they will modify transportation as we know it can be extremely difficult. It is not a one-person, one-perspective job.”

REPLICATING WITH ROBOTS

To pave the way for future real-world experiments, a senior design team of Temple engineering students supervised by Philip Dames, assistant professor of mechanical engineering, has begun to replicate it. They built about 20 small-scale robotic vehicles to run on an electrified, 5-foot-long circular metallic track.

Seibold also wants to study the impact of self-driving cars amid denser traffic, with more freedom granted to the human drivers, such as the ability to change lanes and merge into traffic. However, for safety reasons—as underscored by the March death of a pedestrian struck by a self-driving car in Arizona—Seibold also first wants to use robots. He and computer science major Hee Won Yang, Class of 2020, are running up to four robotic Lego vehicles on a circular 20-foot-long, two-lane “highway” delineated by Magic Markers on ordinary paper.

In both Dames’ and Seibold’s labs, the robotic vehicles have been programmed with information gleaned from how the 20 human drivers behaved at the Arizona test track in order to replicate how human drivers actually react. “We need to better understand human driving behavior—such as how soon different drivers start braking when the vehicle in front of them slows down, and once traffic starts accelerating again, how rapidly drivers accelerate to catch up,” says Seibold.

The issues can be complex. “In a traditional advanced manufacturing plant, you don’t have to worry about how robots interact with people,” notes Dames. For example,

Seibold wonders what would happen if a self-driving car programmed to follow posted speed limits just drove 65 mph on the New Jersey Turnpike.

“Everybody would start weaving around it and thus increase the chances of an accident,” he says. “In California, some drivers who’ve spotted sensors atop the roofs of self-driving cars have bullied the cars, refusing to let them merge into traffic and cutting dangerously in front of them.”

Ultimately, Seibold wants to apply what is learned from their robotic experiments to more complex interplays between self-driving cars and human drivers in real-life driving situations.

“Developers of self-driving cars are focusing on how they can be operated safely and efficiently,” he says. “We’re turning that around and asking, ‘If you program these vehicles correctly, how will they affect the human drivers around them, and how can that be exploited to everyone’s benefit?’” ■

Bruce E. Beans, a freelance writer and editor from Bucks County, Pennsylvania, has written for Temple University since 2005.



VIDEO EXTRA: Watch as autonomous vehicles ease traffic at news.temple.edu/drive_time.



SPEED RACER

No matter the time of the day or night, you can find engineering students who are members of the Temple Formula Racing group in the College of Engineering building.

“Some nights, we work till 4 or 5 o’clock in the morning and then get up at 6 to keep working on the car and then go to class,” says team president Aaron Quinn Snyder, Class of 2018.

At least 10 of the team’s 25 active members average 40 hours a week designing, building and testing a one-seat race car capable of going from 0 to 60 mph in a Porsche-like 3.5 seconds. Their purpose: to compete in the annual Formula SAE student design competition sponsored by the Society of Automotive Engineers International.

“It’s a passion,” adds the senior mechanical engineering major. “We don’t get any academic credit. Some people do it because they love cars and applying what they are learning in engineering to automotive design.

“I’m not a car guy, but I love the freedom to explore and solve engineering problems.”

The students annually receive \$45,000 from the College of Engineering, as well as materials and advice from 30 outside sponsors. Each winter, they exhibit a car at the Philadelphia Auto Show.

In early May, they also competed with this year’s car against 119 other SAE Formula Racing teams at the Michigan International Speedway. Last year the judges, including engineers from Space X, Tesla and Ford, deemed their design the 39th best, a huge advance over a last-place finish several years ago.

“To spend 18 months building something we’ve designed and turned into a car I’m able to drive on a competition level is really gratifying,” says electrical engineering major Jon Wommer, Class of 2018. “It’s one of the best experiences I’ve had at Temple.”





WHERE OWLS COME TO ROOST

Lot K at Lincoln Financial Field—it's more than just a tailgate. It's the ultimate tailgate.

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2018 TAILGATE SCHEDULE IN PHILADELPHIA

SEPT. 01	vs.	VILLANOVA
SEPT. 08	vs.	BUFFALO
SEPT. 20	vs.	TULSA
OCT. 06	vs.	EAST CAROLINA
OCT. 20	vs.	CINCINNATI (HOMECOMING)
NOV. 17	vs.	SOUTH FLORIDA

CLASS NOTES



Greetings, Owls!

Among other great Temple developments, this issue of Temple magazine celebrates the Charles Library. It reminds me of the extraordinary impact of individual Temple gifts, as well as our collective power as alumni.

That power was more than apparent during this year's Global Days of Service, April 23–29, when over 600 alumni from around the city, country and globe joined together to celebrate what it means to be an Owl by volunteering to improve their communities.

Temple Toast, our annual day of online giving, also occurred that week. Roughly 1,730 Owls answered the call by donating more than \$240,000 to programs they felt most passionate about. During Temple Toast, TUAA members contributed \$22,500 to the Temple Challenge—these challenge funds were used to incentivize Temple schools and units in reaching their own goals for the day.

By working together, we gain momentum. Keep the Temple-mentum going!

PAUL G. CURCILLO II, CST '84

TUAA PRESIDENT

pgc@temple.edu

Save the Date: Temple Football Homecoming Game,
Oct. 20, 2018; Temple vs. Cincinnati

Keep Temple posted!

Email templemag@temple.edu to share your recent news and update your information. You also may mail your notes to:

Editor, Temple, Bell Building, 3rd Floor, 1101 W. Montgomery Ave.
Philadelphia, PA 19122

KEY TO SCHOOL AND COLLEGE CODES

<i>BYR</i>	Boyer College of Music and Dance	<i>LAW</i>	Beasley School of Law
<i>CLA</i>	College of Liberal Arts	<i>MED</i>	Lewis Katz School of Medicine
<i>CPH</i>	College of Public Health	<i>PHR</i>	School of Pharmacy
<i>CST</i>	College of Science and Technology	<i>POD</i>	School of Podiatric Medicine
<i>DEN</i>	Kornberg School of Dentistry	<i>SED</i>	School of Environmental Design
<i>EDU</i>	College of Education	<i>SSW</i>	School of Social Work
<i>ENG</i>	College of Engineering	<i>TFM</i>	School of Theater, Film and Media Arts
<i>FOX</i>	Fox School of Business	<i>THM</i>	School of Sport, Tourism and Hospitality Management
<i>HON</i>	Honorary Degree	<i>TYL</i>	Tyler School of Art
<i>KLN</i>	Klein College of Media and Communication		

1950s

ISRAEL CHARNY, CLA '52

is a practicing clinical psychologist and family therapist and a retired professor of psychology and family therapy at Hebrew University of Jerusalem and Tel Aviv University, who has published numerous articles and books. Charny is the executive director of the Institute on the Holocaust and Genocide in Jerusalem.

ARLENE LOVE, TYL '52, EDU '53

talked about her decades of experience as a female artist, in *Winged Woman* at the Painted Bride Art Center in Philadelphia, in March. The exhibition seeks to view Love's work in a contemporary context and examine the parallels of the political climate of the 1970s and 2018.

PATRICIA Q. WALL, CLA '53

published *Lives of Consequence: Blacks in Early Kittery & Berwick in the Massachusetts Province of Maine*, with Portsmouth Marine Society Press, about Maine's colonial slavery. She has two children's historical novels, *Child out of Place* and its sequel, *Beyond Freedom*, about colonial blacks, enslaved and free, in northern New England.

ELWOOD M. CORBIN, EDU '57, CLA '65, LAW '82

published *The End of Yesterday*, with First Edition Design Publishing, a book about two strangers caught up in the Spanish Civil War. They meet and experience *déjà vu* and come to believe that they knew and loved each other in an ancient Iberian war against the Romans.

NFL NEWCOMER

Ameena Soliman

DEGREE: BS, finance and marketing

LOCATION: North Philadelphia to Manhattan

WELCOME TO THE LEAGUE: After spending four years as an integral part of Temple football's support staff, Ameena Soliman, *FOX '17*, elevated her game this December when the National Football League hired her as a player personnel assistant. **GLUE GAL:** At the NFL, Soliman is tasked with everything from tracking daily roster changes, to ensuring teams comply with league regulations, to researching college players' eligibility for the NFL Draft. It's a challenge so far, but an "awesome" experience, Soliman says. **WARM UP THE BUS:** Soliman still lives in Philadelphia, commuting up to three hours each way to the NFL's Manhattan headquarters. **KICK OFF:** Soliman's time with Temple football included three seasons as an undergraduate intern, during which she conducted background research on recruits, as well

as scheduled and hosted their on-campus visits. Her experience proved essential in stabilizing the recruiting pipeline after a head coaching change, and she also spent seven months as a football operations and recruiting graduate assistant before joining the NFL.

—KYLE BAGENSTOSE, *KLN '11*

WORD TO THE WISE

"I just knew that I wanted to get involved somehow, so I made a phone call to Temple football."

Ryan S. Brandenburg, *CLA '14*

ARTHUR E. HELFAND, POD '57

was recently recognized by Pennsylvania Gov. Tom Wolf for over 60 years of outstanding service as a doctor of podiatric medicine. Helfand is professor emeritus at Temple's School of Podiatric Medicine and retired chair of the former Department of Community Health, Aging and Health Policy.

DEL S. PLACIDES, CLA '57

received a 2017 CIPA EVVY Silver National Award for his book *The Home Front Kid*, centering around factual events during World War II happening in his hometown of Philadelphia.

1960s

DEBORAH GROSS-ZUCHMAN, CLA '69

illustrated *Becky's Braids*, a children's book by Susan Weiss released in December. Gross-Zuchman is also the author and illustrator of the social justice-based Haggadah "Seder for the 21st Century."

1970s

PAT AUGUSTUS GILBERT, CLA '71

recently received the Salute to Greatness Community Achievement Award for Civic, Justice and Public Service by the Trina Antoinette Adams Center for Keeping Children First Foundation.

MYRNA BLOOM, TYL '72

has opened her Philadelphia apartment to the public as a gallery showcasing her paintings and sculptures. Hours to visit her residence at the Watermark at Logan Square to view her artwork, which includes 157 paintings and prints, are by appointment.

DONALD "DOC" CHEEK, CLA '72

is an international gold medal Masters sprinter, at age 87. Cheek repeatedly wins in the 85-to-89 division, competing in the 50-, 100-, 200- and 400-meter events. In October 2016, he set the record for 100 meters at the Huntsman World Senior Games. Cheek resides in Clovis, California.

ELIZABETH NEWELL ORD, KLN '72

has been the executive director of the Southeastern Theatre Conference for the past 19 years.

STEVEN H. LUPIN, LAW '73

was selected for inclusion in *The Best Lawyers in America* 2018 in the area of commercial litigation. The publication highlights the top 5 percent of lawyers practicing in America. Lupin is managing partner in the law firm of Hamburg, Rubin, Mullin, Maxwell & Lupin.

LAURA N. GITLIN, CLA '74

became dean of the College of Nursing and Health Professions at Drexel University in February. Prior to this, Gitlin was an applied research sociologist and distinguished professor at Johns Hopkins University.

LAWRENCE VENUTI, CLA '74

was selected by Northwestern University Press and the university's Global Humanities as the winner of the second annual Global Humanities Translation Prize. Venuti is currently professor of English at Temple. He has also taught as a visiting professor at the University of Pennsylvania, Princeton University, Columbia University, University of Trento, University of Mainz, Barnard College and Queen's University Belfast.

CRAIG J. FIRESTONE, FOX '75, '78

has joined the firm of Bassman, Laserow, Adelman & Weiss PC, located in Blue Bell, Pennsylvania, as a shareholder and director of the firm's audit practice. Prior to the merger, he was the managing member of Firestone & Co. LLC.

BEATRICE O'DONNELL, CLA '75, LAW '78

has become a fellow of the American College of Trial Lawyers, one of the premier legal associations in North America. O'Donnell is partner at Duane Morris LLP.

HENRY I. PASS, LAW '75

was recently interviewed on WWDB's Lifestyles radio program, during which he discussed his boutique law practice. Pass is a transactional and commercial litigation attorney in Bala Cynwyd, Pennsylvania, and serves as a director of the Private Investors Forum and the Entrepreneurs Forum of Greater Philadelphia. He is also the founder and managing director of Patriot Venture Capital Group LLC.

GARY L. BORGER, LAW '76

participated as a panelist at the New Jersey Association for Justice's Meadowlands Seminar 2017 on matrimonial law. He presented on "The Intersection of Tort and Family Law." Borger is an attorney with the firm BorgerMatez in Cherry Hill, New Jersey, and has been practicing law for 37 years.

MUHAMMAD HATIM, EDU '76

published *Caregiving to Muslims: A Guide for Chaplains, Counselors, Healthcare and Social Workers and Qur'anic Comfort and Healing in*

Contemporary Times: Unfolding the Joy of Al-Islam. He presented the Lord Robert Runcie Convocation Lecture for the Graduate Theological Foundation Commencement activities and was named a foundation fellow.

LYNN LANDES, CLA '76

founded the Wild Foodies of Philly, which encourages foraging as a profession and "wilding" as a new type of farming. Since 2010, the group has grown to over 3,300 members.

TERRY AND LINDA JAMISON, TYL '77 AND TYL '79, respectively

launched their YouTube channel, the Psychic Twins, two years ago, which now has over 725,000 subscribers. The twins are the authors of four best-selling books, including the international best-seller *Psychic Intelligence*.

MARILYN FRANK, CLA '78

joined the board of Living Beyond Breast Cancer. Frank is a private-practice psychotherapist specializing in perinatal and postpartum mood disorders. She has also worked in nonprofit management, including for the National Office of Big Brothers Big Sisters and Devereux, and has done much philanthropic, volunteer and board work.

J. PHILIP FRETZ, FOX '78

published his first book of poems, *Poems of Life and Love*. It is a collection of primarily free-verse writings in themes of love, relationships, coming out and emotions. Fretz resides in southern Delaware and belong to the Rehoboth Beach Writers Guild.

STEVEN I. PRESENT, DEN '78

was named a fellow of the College of Physicians of Philadelphia, the oldest private medical society in the U.S. Present is a clinical associate professor at Temple's Kornberg School of Dentistry and was a clinical instructor at Manor College's Expanded Duties Dental Assistant Program for 27 years.

MURRAY SAYLOR, LAW '78

has been named one of Georgia Trend's Legal Elite in the taxes, estates & trusts category. Saylor is a founding partner of Saylor Law Firm LLP and past chair and current member-at-large of the Atlanta Bar Association's tax law section.

KEVIN WASHINGTON, CLA '78

is president and CEO of the YMCA of the USA, the 14th person and first African American to lead the Y in the U.S. Washington served as president and CEO of the YMCA of Greater Boston from 2010 to 2014, where he expanded membership and access and implemented a childhood-education quality initiative that benefits thousands of children and families.

1980s

JOE BERTOTTO, CLA '81

is scheduled to publish *Pick Up the Gum Wrapper-How to Increase Performance While Improving Lives* in July. The book explains a method that leaders can follow to create an incredible workplace. It is based on Bertotto's 30-plus years of research and practice in the field of organizational leadership.

RENEE COSHIN, CLA '83

celebrated the first anniversary of her business, RCC Weddings & Events LLC—a wedding and event planning service. Coshin is based in Baltimore but still considers Philadelphia her home.

RICK GRIMALDI, CLA '83

is one of two attorneys heading FP Advocacy LLC, a wholly owned subsidiary of Fisher Phillips. Grimaldi is the co-chair of the Fisher Phillips Government Relations Practice Group, former deputy general counsel to Pennsylvania Gov. Tom Ridge, and former chief counsel of the Pennsylvania Department of Labor and Industry. His national law practice spans all aspects of labor and employment law.

JUNE EDMONDS, TYL '84

is the recipient of a 2018 City of Los Angeles Individual Artist Fellowship. Awarded by the Department of Cultural Affairs, the fellowships support the creation of new works by a selection of the city's most exemplary midcareer artists. The grant culminates with an exhibition at the Los Angeles Municipal Art Gallery from May to June.

JEFF RYAN, EDU '85

has been promoted to chief operating officer of Cancer Treatment Centers of America and will also continue his role as senior vice president of finance. Ryan has held various positions within the organization since joining in 2012.

ROSEANN B. TERMINI, LAW '85

recently spoke on the Sunscreen Innovation Act at the 71st annual conference of the Society of Cosmetic Chemists in

New York. Termini also served as sole presenter at FDAnews on “The U.S. Opioid Crisis—What Every Regulatory Professional Absolutely, Positively Needs to Know,” and she spoke on “Whistleblower Actions—Challenges, Risks, Rewards, Protections for the Pennsylvania Bar Institute.”

KARL PRIOR, KLN '86

has been elected a fellow in the American College of Trust and Estate Counsel (ACTEC). ACTEC is a nonprofit association of lawyers and law professors skilled and experienced in the preparation of wills and trusts, estate planning, and probate procedure and administration of trusts and estates. Prior is co-founder and partner of Mannion Prior LLP.

LAURIE ZIERER, CLA '86

is executive director of the Pennsylvania Humanities Council (PHC). She joined PHC in 1995 as a program officer and was named executive director in 2012. Zierer has led PHC to focus on civic engagement and education through programs such as Humanities Live with WHYY and statewide initiatives such as Our Stories, Our Future.

LARRY HANOVER, KLN '88

recently co-authored his first book, *Rebuilt from Broken Glass: A German Jewish Life Remade in America*, published with Purdue University Press. It is the memoir of Fred Behrend, whose family, in 1939, fled Nazi Germany to Cuba and ultimately the U.S., and was featured in the Philadelphia Inquirer. Hanover, a former longtime Trenton Times reporter, has been an adjunct journalism professor at Temple since 2007.

ANDREW MCMASTERS, TFM '88

recently retired after 25 years as artistic director from the nonprofit theater he created. McMasters is currently CEO of ImprovMindset, a new corporate education company that uses theater to improve business processes, located in Seattle, Washington.

STEVEN P. O'DAY, LAW '88

was appointed by the Austin College Board of Trustees as the 16th president of Austin College, in October, following a comprehensive national search.

KEVIN J. MCNAMARA, KLN '89, CLA '95

was invited by the U.S. embassies in Prague and Bratislava to conduct a speaking tour in both countries in May 2018, in conjunction with the celebrations of the 100th anniversary of both the founding of the former Czechoslovakia and of U.S. diplomatic relations with the Czechs and Slovaks.

1990s

LYNN FERRARI, CLA '91

was named chief talent strategist at Vettd, bringing her strengths in business leadership and human resources to Vettd's revenue generation organization

UNA MANNION, CLA '91

has won a National Hennessy Literary 2017 Award in Emerging Poetry for “Crouched Burial.” The poem also won Yeats' Society's Seamus Heaney Memorial Poetry Prize 2015. Mannion teaches performing arts in the School of Engineering and Design at the

ADVOCATE FOR AFRICA



Juliet Lemon Photography

Kim Reuter

DEGREE: PhD, biology

LOCATION: London, England

GUIDING PRINCIPLE: Humans and nature share the same road. That realization transformed Kim Reuter, *CST '15*, from a budding biologist into an environmental sustainability consultant. **FURRY FOCUS:** Most people know lemurs: Their adorable appearance and the distinctive black-and-white appendage of the ringed-tailed lemur make them audience favorites in movies like *Madagascar*, the namesake of the island nation to which lemurs are endemic. Motivated after studying a species that had only a few thousand left in the wild, Reuter helped launch the Lemur Conservation Network, to connect those working to safeguard the world's oldest living primates.

INCONVENIENT TRUTH: Reuter's research has focused on two key dangers pushing lemurs closer to extinction: illegal pet ownership and consumption as bushmeat. Without

more investigation and intervention, she says, "they could be extinct before my daughter gets to high school."

CURRENT GIG: Senior technical director, Gaborone Declaration for Sustainability in Africa at Conservation International, one of the world's foremost environmental organizations. —KYLE BAGENSTOSE, *KLN '11*

QUOTABLE

"The longer I work in this field, the more I realize we need to protect nature for human well-being."



CREATIVE MUSCLE

Richard Freeda

Stan Stanski

DEGREE: BFA, graphic design

LOCATION: Stamford, Connecticut

HIS ARENA: Stan Stanski, *TYL '90*, is senior vice president of creative services for World Wrestling Entertainment, better known as WWE, where he oversees a global brand experience. Think: promotional materials, action figures, superstar names and identities. **TRUE LOVE'S FIRST KISS:** In elementary school, Stanski discovered the Kiss album "Destroyer" and found himself mesmerized by the art. "It was the perfect merger of comic book, over-the-top characters and this music that was awesome," he says. **GLOBAL STAGE:** The northeastern Pennsylvania native spent a year studying at Temple Rome, and his current work continues to offer him a view of the world. He rattles off events in Texas, Saudi Arabia and Australia, to name a few. **MEMORABLE MATCH:** He's partial to the 28th WrestleMania—WWE's answer to the Super Bowl—

which put wrestler-celebrity-powerhouses Dwayne "The Rock" Johnson and John Cena in the ring together. **FAMILY CORNER:** What keeps Stanski going, he says, is the family experience of the WWE and seeing his team's work have a magical effect in real time. **ANGELO FIGHERA, *KLN '13***

QUOTABLE

"At WWE, it's more than wins and losses. It's about the moment. It's the excitement. It's the roar of the crowd."

Institute of Technology Sligo in Ireland. She is also the program chair of the institute's new BA in writing and literature.

PHIL CHARRON, CLA '92, EDU '94 has just been named the executive vice president of Philadelphia-based experience design firm Think Company, headquartered in the Greater Philadelphia region. Founded in 2007, the company conducts research that informs business strategy, and designs and creates software, business applications, responsive websites and more.

LYNN MARIE MIERZEJEWSKI, FOX '92 earned her master's degree in special education in July 2016 from National University, San Diego. She holds a California Commission on Teacher Credentialing preliminary credential to teach students with moderate to severe disabilities and is working on a preliminary credential to teach students with mild to moderate disabilities. Mierzejewski is a teacher at Harmony Elementary, a part of Los Angeles Unified School District.

EMEL ERSAN, LAW '93 has been named to 2017's 10 Best Immigration Attorneys for Florida by the American Institute of Legal Counsel. Ersan was also named Best of Tampa Bay for 2017.

JAMES BUTLER, CPH '94 was promoted to associate professor with tenure at the University of Maryland School of Public Health, College Park, Maryland.

MATTHEW CLAYTON, TYL '95 has recently joined Entech Engineering Inc. as a project

architect. He brings nearly 20 years of architectural design and project management to the position. Clayton's previous experience has been heavily focused on research laboratories and office spaces for chemical and pharmaceutical companies.

JOHN M. BACON, LAW '98 was named head of the legacy giving program at the Metropolitan Museum of Art in September. He looks forward to discovering Tyler alumni who have work in the collection and which other Owls work there. He formerly served 14 years as director of planned giving at the New York Public Library.

DEREK GREEN, LAW '98 was recognized by the Made Man, an initiative designed to honor the extraordinary achievements of notable African American male influencers while building a bridge for the honorees to provide empowerment tools for underserved male youth and adults students. Green is a member of the City Council of Philadelphia.

2000s

CHENORA BURKETT, FOX '00 has been named vice president of finance at United Way of Greater Philadelphia and Southern New Jersey. She brings a strong mix of experience from the civic, corporate and nonprofit sectors to help drive the organization's singular cause of ending intergenerational poverty.

ANTOINETTE CAMPBELL, CST '00 is a chemist with the Philadelphia Police Department's Office of Forensic

Science. She also founded and runs the nonprofit Association of Women in Forensic Science and Club Philly Forensics, a series of hands-on workshops for kids.

SANDRA C. KETNER, LAW '00 has been recognized by the Best Lawyers in America as lawyer of the year within her practice in Reno. Ketner is counsel with Littler, the world's largest labor and employment law practice representing management. She regularly presents seminars on employment-related topics and conducts training for clients on employment issues.

VICTORIA VELAZQUEZ, EDU '00, '02 received her EdD from Seton Hall University in K-2 administration in May 2017. She also published an article in the May 2017 edition of Pennsylvania Administrator, titled "Improving Schools Through Community Partnerships." It is an examination of the community partnership between the Bensalem Township Police Department and the Bensalem Township School District resulting in more-effective schools.

MARCUS ALLEN, CLA '01 is CEO of Big Brothers Big Sisters Independence Region. Prior to this, Allen was CEO of ACHIEVEability, a Philadelphia-based nonprofit that works to break the generational cycle of poverty for low-income, single-parent and homeless families.

NICK PYTEL, THM '01 was named to Billy Penn's "Who's Next Tourism: 14 young ambassadors helping build Philly hype." Pytel is associate director of business development at the Pennsylvania Horticultural Society.

ANDREA PIPPINS, TYL '02, '09 is an illustrator, designer and author who has been featured in O: The Oprah Magazine, Family Circle and more. Pippins is the author of *I Love My Hair*, a coloring book featuring her illustrations celebrating various hairstyles and textures, and *Becoming Me*, for young women to color, doodle and brainstorm their way to a creative life. Her new book, *Young, Gifted and Black*, is set to be released in spring 2018.

CHRISTINE ANNE ROYCE, EDU '02 began her one-year term as president-elect of the National Science Teachers Association in June 2017. She assumes the office of president on June 1, 2018. Royce is a professor in the teacher education department and co-director for the Master of Arts in Teaching STEM Education program at Shippensburg University in Pennsylvania.

CAROL WATSON, THM '02 was named to Billy Penn's "Who's Next Tourism: 14 young ambassadors helping build Philly hype." Watson is general manager at Hotel Palomar Philadelphia.

DARA LOVITZ, LAW '03 has published her third book, *Twinsight: A Guide to Raising Emotionally Healthy Twins with Advice from the Experts (Academics) and the REAL Experts (Twins)*, with Familius, which explores the complex social, emotional and relationship challenges that arise in families with twins. Her other books include a children's book and a nonfiction exposé.

CLASS NOTES

JOSH BLACKWAY, KLN '06

currently plays guitar for CJ Ramone, who was the bass player for the Ramones from 1989 to 1996. They've toured extensively, playing throughout the U.S. and in Canada, Europe, Japan, South America and the U.K. in 2017. Blackway resides in Ocean Pines, Maryland.

MENA M. HANNA, BYR '06

was presented with the inaugural Honors Distinguished Alumni Award by the Temple University Honors Program in April. Hanna is a summa cum laude graduate and Marshall Scholar, and now the founding dean and professor of musicology and compositions at the Barenboim-Said Akademie in Berlin. He also serves on several boards and is a trustee for the Gingko Library.

JANET MARIE DOHERTY, LAW '08

joined the board of Living Beyond Breast Cancer. Doherty is an associate at Dechert LLP, where she manages debt and restructuring cases. She is a member of the Pennsylvania and New York State Bar Associations and the U.S. District Court for the Eastern District of Pennsylvania. In 2016, she founded Preserving the Love, dedicated to helping cancer patients preserve their fertility.

SARA KANGAS, CLA '08

was recently selected as the 2018 recipient of the International Research Foundation for English Language Education's James E. Alatis Prize for research on language planning and policy in educational contexts. Her winning article, "That's Where the Rubber Meets the Road: The Intersection of Special

Education and Bilingual Education," was published in Teachers College Record.

KARA OWENS, FOX '08

has been named managing director, global cyber executive at Markel Corp. in New York. Owens is responsible for leading the company's cyberstrategy and working with underwriting teams to develop best practices for cyber products.

MIKE ADAMS, EDU '09, '17

was named director of education at the National Constitution Center in Philadelphia.

LAUREN E. CASPER, KLN '09

was named to Billy Penn's "Who's Next Politics: 13 Philly millennials shaping policy for the future." Casper served as finance director for the Philadelphia GOP last year and also won the election as a delegate for the 13th Congressional District. She currently works with a variety of clients in government affairs at J. Egan & Associates.

SARAH FILIPPI DOOLEY, CLA '09

was admitted to the Bar of the United States Supreme Court. Admission is only granted if an attorney is sponsored by two current members of the Supreme Court Bar and has been an attorney in good standing for at least three years. Dooley joined Duffy + Partners in 2012.

PAUL KAHAN, CLA '09

is publishing his sixth book, *The Presidency of Ulysses S. Grant: Preserving the Civil War's Legacy*, with Westholme Publishing. In the book, Kahan focuses on the unique political, economic and cultural forces

present during the Civil War and how Grant addressed them during his presidency.

2010s

BRENNAN LODGE, FOX '10

was named data scientist vice president in the Technology Risk Department at Goldman Sachs in New York City. Lodge was formerly at Bloomberg LLC as a team lead of the threat analysis team.

ANGELA MCQUILLAN, TYL '11

is the curator at the Esther Klein Gallery in Philadelphia, which is part of the University City Science Center, a nonprofit that helps entrepreneurs and scientists commercialize their technologies. The gallery's mission is to bridge the gap between art and science and technology to provide a resource for the community.

JASON TUCKER, LAW '11

was selected by the Committee of Seventy as one of five inaugural Buchholz Fellows, promising young Philadelphians who will spend a year as board members. Tucker is vice president of acquisitions and development at the Goldenberg Group. He co-founded Philadelphia's Leaders of Tomorrow and also PhilaSoup, a nonprofit organization that strives to promote innovation in education.

JAMIE COOPERSTEIN, THM '12

was named to Billy Penn's "Who's Next Tourism: 14 young ambassadors helping build Philly hype." Cooperstein is CEO of J. Cooperstein Hospitality Consulting LLC. She provides training for employees in how to give great customer service.

BRIAN HART, KLN '12

won two national awards in 2017: Irish America Magazine's Business 100 and PR News' Rising PR Stars 30 & Under. Hart is founder and president of national public relations and digital marketing agency Flackable in Philadelphia and a weekly online columnist for Inc. magazine.

BRITTANY LEWIS, KLN '12

won the crown in the 49th annual Miss Black America Pageant held at Philadelphia's Venice Island Performing Arts Center, in August, representing Washington, D.C. Lewis competed as Miss Delaware in the 2014 Miss America Pageant.

CHRIS PETRUCCI, THM '12

was named to Billy Penn's "Who's Next Tourism: 14 young ambassadors helping build Philly hype." Petrucci is business development manager at the Philadelphia Convention & Visitors Bureau. There he works to bring in groups to the city from throughout the northeastern U.S.

JAMIE SHANKER, LAW '12

was named to Billy Penn's "Who's Next Tourism: 14 young ambassadors helping build Philly hype." Shanker offers guided tours of Philadelphia's Chinatown through her business, Philly Food Adventures.

RONEISHA SMITH-DAVIS, EDU '12

is owner of Bella Ballerina Dance Academy in North Philadelphia. Smith-Davis earned her bachelor's degree in early childhood education with a minor in dance and was a part of the Temple Diamond Gems dance team.



VISIONARY VICAR

Joseph V. Labolito

Renee McKenzie

DEGREE: MA and PhD, religion

LOCATION: Diamond Street, North Philadelphia

JUST A TYPICAL WEEK: As vicar at the 120-year-old Church of the Advocate, Renee McKenzie, *CLA* '98, '05, presides over everything from jazz concerts to community meetings and, of course, Sunday service. **MORE THAN A CHURCH:** This fall a new wellness center will open at the Advocate. A centerpiece: a grand piano donated from the Boyer College of Music and Dance. **A FRONT DOOR TO NORTH PHILADELPHIA:** As the episcopal chaplain to Temple's Campus Ministry, McKenzie makes sure that students know they are always welcome. The ministry is well known as a center for community building, and students often visit to take part in everything from social, spiritual and cultural conversations to tours of the building. **KEYNOTE:** When a local undocumented mother of four needed help to prevent forced deporta-

tion, McKenzie answered the call. She led supporters in a prayer vigil and offered asylum to the woman and her family behind the walls of the church. —JAZMYN BURTON

QUOTABLE

“The Advocate is more than a church; we’re a social services organization with faith at the heart of what we do.”

IN MEMORIAM

1940s

Matthew E. Johnson, *CST* '41
Ruth D. McHenry, *EDU* '42
Sidney Z. Beshunsky, *FOX* '43
Richard A. Hobday, *FOX* '43
Abraham A. Perkins, *PHR* '43
Alfred P. Schipsi Jr., *PHR* '43
Patricia M.K. Gibney, *MED* '44
Elsie Starr Gross, *FOX* '44
Antoinette Lappin, *POD* '45
Virginia L. Yonan, *CST* '46, *EDU* '61
John Hagopian, *EDU* '47, '49
Dorothy P. Perry, *CPH* '47
Milton L. Rock, *CLA* '47, '48, *HON* '98
Sheldon C. Cook, *MED* '48
James J. Minns, *FOX* '48
William M. Baer, *FOX* '49
Henry Linker, *FOX* '49
Robert P. MacIntosh, *FOX* '49
John C. O'Brien, *FOX* '49

1950s

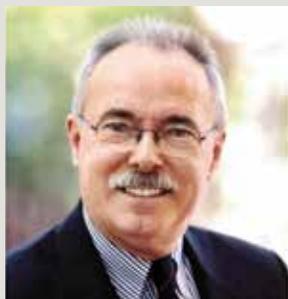
Walter A. Brower, *EDU* '50, '65
Mary Fabrizio McCarthy, *PHR* '50
Peter Hagis Jr., *EDU* '50, *CST* '52
Roberta Marie Stauffenberg, *CPH* '50
Elizabeth R. Tumas, *CPH* '50, *EDU* '59
Robert J. Verna, *FOX* '50
Georgia J. Besecker, *TYL* '51
Ralph H. Imschweiler Jr., *FOX* '51
Shirley Leuschner, *CPH* '51
Bernard L. Shapiro, *LAW* '51
Robert J. Beyer, *CLA* '52
Harry M. Langan Jr., *ENG* '52
Daniel R. White, *FOX* '52

Virgil L. Evans, *TYL* '53, *EDU* '60
Jack Goushian, *LAW* '53
Herbert B. Hartman, *EDU* '53
Benjamin B. Jons, *MED* '53
Robert A. Krum, *PHR* '53
Carl Nachesty, *CLA* '53
Albert J. Schreder, *DEN* '53
Dorothy A. Brown, *BYR* '54, *EDU* '58
Richard E. Gernrt, *CPH* '54
Harris Meisel, *TYL* '54
Elizabeth L. Starr, *CPH* '54
Harriet W. Stein, *EDU* '54
Clinton F. Banks, *CLA* '56
Adele Pack Boyd, *EDU* '56
Jacob E. Dailey, *EDU* '56, '68
Phyllis K. Kimmel, *CPH* '56
Samuel D. Moore, *DEN* '56
Donald M. Swanson, *POD* '56
Galen J. Weidman, *EDU* '56
Maryann W. Keiser, *EDU* '57
Kenneth I. Phelps, *EDU* '57
Gerson Serody, *PHR* '57
Robert Schroll II, *PHR* '57
Lawrence C. Shulman, *CLA* '57
Harold Yaffa, *CST* '57, '59
Stephen A. Distell, *FOX* '58
Francis J. Hoban, *EDU* '58
Samuel J. Mackall, *MED* '58
Francis J. Maslar, *EDU* '58
Francis Michels, *CLA* '58
Irene Mazur Perna, *TYL* '58
Glenn R. Pratt, *CLA* '58
Anthony P. Sindoni, *POD* '58
Paula Colton Winokur, *EDU* '58, *TYL* '58
John J. Zaccaria, *EDU* '58
James J.P. Boyle Jr., *FOX* '59

Marian P. Brown, *EDU* '59
Martin Gelman, *EDU* '59, '77
Joseph J. Kollmer III, *MED* '59
Thomas Papoutsis, *DEN* '59
James E. Pennington Sr., *DEN* '59
Donald A. Wittbrodt Sr., *CLA* '59

1960s

Joan T. Baxt, *FOX* '60
James H. Craig Jr., *DEN* '60
Charles W. Dimaria, *ENG* '60
Dorothy S. Gucker, *CPH* '60
Edward C. Shore, *DEN* '60
Bruce F. Sorensen, *MED* '60
David J. Torpey Jr., *MED* '60
Henry J. William Caretti, *MED* '61
Edward J. Chermol Sr., *DEN* '61
Peter A. Economos, *EDU* '61
George E. Friebis, *FOX* '61, *EDU* '65
William C. Gutman Jr., *CLA* '61
Ronald H. Lebbby, *DEN* '61
John H. MacDonald, *FOX* '61, *EDU* '66
Walter W. Price, *BYR* '61
Richard J. Radel, *EDU* '61, '75
Russell L. Wilhour, *ENG* '61
Geneva Norwood Bost, *BYR* '62
Darlene I. Ford, *EDU* '62
Laurie C. Gedansky, *CLA* '62
Helene M. Halpern, *EDU* '62
Robert C. Sharp, *MED* '62
Stanford R. Zukin, *PHR* '62
Anthony Ammirata, *DEN* '63
Lois K. Badgley, *BYR* '63
Marilyn Weiss Gordon, *CST* '63, *EDU* '64
John J. Klekotka Jr., *MED* '63
Thomas A. McElrone, *CLA* '63
Edwyn M. Smith, *DEN* '63
William R. Fisher, *EDU* '64
John L. Kraft, *EDU* '64
Fred S. Paul, *CST* '64
Donald J. Raman, *ENG* '64
Donald J. Rudisill, *CLA* '64
Elizabeth H. Way, *TYL* '64
Joseph J. Barros, *EDU* '65
Joseph P. Gilbert, *EDU* '65
Walter G. Heileman, *ENG* '65
William D. Mackay, *ENG* '65, '66
Donald A. MacMurray Jr., *CPH* '65
John J. Mishko, *EDU* '65
Janette L. Packer, *EDU* '65, '72
Jacqueline Waldman Patterson, *CST* '65
Robert C. Prettyman, *EDU* '65
Mary M. Coulson, *EDU* '66
Amos E. Dombach, *EDU* '66
Daniel T. Fitzgerald, *FOX* '66, *SSW* '73
Anita A. Geiger, *EDU* '66
Bertram W. Gross Jr., *CLA* '66, '76
Morey S. Rosenbloom, *FOX* '66, *LAW* '69
Michael Bachem, *CLA* '67, '68
Lee D. Basore, *EDU* '67
James H. Murray Jr., *MED* '67
Paul S. Redelheim, *CLA* '67, *EDU* '70
John C. Adolph, *FOX* '68
Arlene D. Baggaley, *CLA* '68
Neil C. Curry, *EDU* '68, '78
Karen H. Good, *EDU* '68
Anita H. Ricks, *EDU* '68
Alan E. Singer, *POD* '68
Kathy Perry, *CPH* '69, *EDU* '71
Marie Potts-Deakin, *CLA* '69
John T. Schunk, *EDU* '69
William Susnosky, *EDU* '69



JOHN H. MACDONALD

John H. MacDonald, *FOX '61, EDU '66*, former assistant vice president of Alumni Relations, passed away Feb. 27, 2018.

MacDonald came to Philadelphia in 1959 to attend Temple University, and after a brief teaching career in the Philadelphia school system, he returned to Temple in 1966.

He became assistant director and then director of the Temple University Alumni Association before moving to his role in Alumni Relations, serving under five university presidents and alongside 21 TUAAs presidents.

As a regular Temple supporter, MacDonald was a member of the Wachman Society, which recognizes the university's most loyal alumni and friends who have donated for 25 or more consecutive years. He received the Lew Klein Alumni in the Media Honor Award in 2004.

The John H. MacDonald Endowed Scholarship was established in 2004 to honor MacDonald's 40 years of service to Temple. It provides funds to students from Massachusetts attending the Klein College of Media and Communication.

1970s

Joseph J. Burge, *PHR '70*
 Justin J. Corvacchioli, *ENG '70, '74*
 Robert Hoffman, *TYL '70*
 Albert A. Innaurato, *KLN '70*
 Walter W. Mathews, *EDU '70*
 Elaine Y. Seiler, *EDU '70, '73*
 Mary E. Stavoy, *CPH '70*
 John R. Vannoni, *EDU '70*
 James P. Wright, *FOX '70*
 Judith B. Kohler, *EDU '71*
 Constance G. Matthews, *CPH '71*
 David A. Nause, *EDU '71*
 Jonathan M. Steere, *CLA '71*
 Alan L. Broude, *FOX '72*
 Stephen C. Leichner, *EDU '72*
 George A. Matus, *ENG '72*
 Ann Elizabeth Rountree, *EDU '72*
 William J. Buonato Sr., *FOX '73*
 Thomas L. Disque III, *CLA '73*
 Martin J. Dubin, *FOX '73, PHR '75*
 James H. Forster, *CLA '73*
 Rhoda Wio Lavinsky, *TYL '73*
 Robert J. Porte, *CST '73, MED '78*
 Kay K. Reed, *SSW '73*
 Alice W. Adams, *EDU '74*
 Karl D. Geiger, *DEN '74*
 Rande B. Lipsman, *EDU '74*
 Gary J. Makuch, *EDU '74*
 Douglas I. Guy, *FOX '75*
 James J. Koegel, *LAW '75*
 David H. Michener, *EDU '75, '78*
 Patrick H. O'Neill, *FOX '75*
 Ronald H. Skubecz, *LAW '75*
 Patricia F. Guntle, *CLA '76*
 Daniel E. Kramer, *LAW '76*

William E. Leitzel, *EDU '76*
 Carl J. Mattiola, *EDU '76*
 Neil E. Pollock, *CLA '76*
 Diane R. Waxman, *EDU '76*
 Mary I. Bradley, *FOX '77, '82, '89*
 Kenneth G. Fulmer, *FOX '77*
 Stephen J. Reid Jr., *LAW '77*
 Thurman Sanders, *ENG '77*
 Janet M. Solomon, *EDU '77*
 Bertha S. Waters, *SSW '77*
 Thelma T. Applegate, *EDU '78*
 William V. Detora, *CLA '78, '82, '94*
 Margaret Erdmann, *EDU '78*
 Joseph J. Murphy, *ENG '78*
 Anthony J. Pastore, *FOX '78*
 Michael G. Reuter, *FOX '78*
 Lawrence A. Elwell, *FOX '79*
 Gary N. Laden, *POD '79*
 Vincent P. Seaman II, *ENG '79*
 Martin Weston, *KLN '79*

1980s

Allan P. Mensky, *EDU '80*
 Michelle A. Patterson, *CPH '80, '82*
 Susanne Blough Abbott, *EDU '82*
 Sarah A. Gray, *DEN '82, '04*
 Craig D. Hansen, *LAW '82*
 Georgette A. Sims-Chambers, *MED '82*
 Jack Stover, *KLN '82*
 Audrey C. Aarhus, *SSW '85*
 David W. Kuhns, *MED '85*
 Susan Warner, *LAW '86*
 Lucy J. Weidner, *CLA '86*
 Gaile M. Pohlhaus, *CLA '87*
 Lorraine Hamel, *DEN '88*
 Nina Kaleska, *CLA '88*
 Jean S. Jones, *EDU '89*

1990s

Joseph J. McKernan, *TFM '90*
 John J. Cobb, *FOX '91*
 Brunhilde P. Gaughan, *KLN '93*
 Timothy O. Morgan, *FOX '93*
 Melanie J. Leinweber, *FOX '96*

2010s

Sarah E. Lyter, *CST '14*

To submit a name for this list, email templemag@temple.edu or call 215-204-7479.

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THE LAST WORD



Luba Lukova

“I think we live in a time where **it’s difficult for a company to sit by the sidelines.**”

KLEIN COLLEGE’S DEVON POWERS in the Philadelphia Inquirer on why advertisers are taking stands on social issues, Sept. 8, 2017

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