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Santa Clara Magazine

A global effort based at SCU to restore trust in journalism. *Page 22*

Nobel origins: Hersh Shefrin and behavioral economics. *Page 28*

Grief, loss, and recovery in the wake of disaster. *Page 32*

Poet Dana Gioia on true crime and a cowboy ballad. *Page 50*



TRUST



09/08/17

BRACING FOR IRMA: The hurricane barreled through the Turks and Caicos Islands en route to Florida. It was one of several major hurricanes in the Atlantic last season—along with Harvey, Maria, and Jose. Why was the season so destructive? Climate change was likely a factor. Though scientists are careful to avoid pointing to one event and saying, “See? We told you so!” notes **Iris Stewart-Frey**, an associate professor of environmental studies and sciences whose research focuses on water cycles. “But the physics of climate change are pretty well known, and this is consistent with what we know,” she says. One office of the National Oceanic and Atmospheric Administration acknowledges: “Anthropogenic warming by the end of the 21st century will likely cause tropical cyclones globally to be more intense on average.” Get generation-specific, and a recent poll shows three fourths of Millennials believe that steps should be taken to slow or stop climate change. *Wired Magazine* founder John Battelle puts the concern of people in their twenties and thirties in more stark terms: “Climate change is to Millennials what mutually-assured destruction was for Boomers: An existential threat.”

PHOTO BY NOAA NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE (NESDIS)

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Santa Clara Magazine



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After decades of declining trust in journalism, here's some good news. Introducing the Trust Project. *By Steven Boyd Saum and Deborah Lohse. Illustrations by Franziska Barczyk*

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Asylum seekers, victims of human trafficking, and veterans are among those **Christina Fialho '06, J.D. '12** tries to help in her day-to-day work. All are detained immigrants. *By Katia Savchuk. Illustrations by Edel Rodriguez*

50 The Ballad of Jesus Ortiz

A new poem from a very old story that seemed too strange to be true. A cowboy ballad, courtesy of the California Poet Laureate. *By Dana Gioia*

magazine.scu.edu

DIGITAL EXCLUSIVES

Timely features, videos, slideshows, American values, grace on ice, why the Reformation still matters, the gift of water, more basketball, and farming 2.0. Here's some of the latest.



STATE OF THE UNIVERSITY An update from President **Michael E. Engh, S.J.**—and an appreciation for how the SCU community is committed to hosting a conversation across any line that divides us.



CHANGE AND REDEEM In a video tribute to Martin Luther King Jr., **Aldo Billingslea** reads from an address by MLK, and he and W. Kamau Bell, the Frank Sinatra Artist-in-Residence, discuss its lessons 50 years after his assassination.



A NEW LEASE ON LIFE Bronco parents Tim Long and Casey O'Connor have given a new lease on life to The Hut—literally. The venerable off-campus haunt known to generations of SCU grads is being reborn as a restaurant with great food.

With a Capital T

'TIS NOT TROUBLE we're talking, my friends, but *Trust*. The good stuff: assured reliance on character, ability, strength, truth. It holds together the fabric of society, fosters social and economic prosperity, nurtures flexible and sustainable organizations and nations and systems, and is the veritable coin of the realm. Something that must be earned, might be betrayed in ways great or trifling. And once breached, hard to mend.

"Love all, trust a few, do wrong to none," counsels the mothering Countess in *All's Well That Ends Well*. Not bad advice for the day-to-day.

So put the word *trust* into action: Who will show themselves worthy of trust in the accumulation of daily decisions or small disturbances? Or when hurricane or earthquake strikes or a nightmare wildfire comes roaring over the ridge?

Or this: If word comes—as it did for me once years ago, on a brilliant late spring day, when I was teaching with the Peace Corps at a university in western Ukraine—that there had been an accident at the nuclear power plant nearby. Local officials denied anything was amiss. But this was the land of Chernobyl; who would trust the powers-that-be to come clean when atomic disaster threatened? Instead, citizens had their own radiation detectors; those read above normal. Kids were kept indoors at school. Panic in the city of a quarter million was palpable. You couldn't buy a train ticket out of town to save your life. When the story made the international press a couple days later—a brief blurb—it was clear that the reporter had simply phoned an official in the capital who said (surprise!), "We're getting all these calls from panicked farmers out west asking if it's OK to open the window. Nothing is wrong!"

One valuable lesson it offered me was how journalism might fail us—especially if it forgets the responsibility to hold people in power accountable. And now, years later, here in the United States, trust in journalism is near an all-time low. How to earn that back? So glad you asked. The Trust Project, a global effort based at the Markkula Center for Applied Ethics, has staked out one way: creating a set of clear standards that news stories must adhere to if they want your trust. And these standards begin the answer, with proof, to the question: *Why should I believe you?*

Because there comes a time we might be told in soothing tones: "Trust in me." (See, for example, *The Jungle Book*, snake named Kaa, trying to lure the boy Mowgli into its coils.) And when you hear those words, perhaps via a Disney film, is it in the honeyed voice of Scarlett Johansson or, from half a century ago, avuncular Sterling Holloway? He also gave voice to Winnie the Pooh. But here's the thing: Everybody knows—even if you haven't read the first book of the Bible—that you can't trust the snake.



Letters



Justice for All: your comments on our Fall 2017 mag, inside and out. Read more, discuss: magazine.scu.edu

Write us: scmagazine@scu.edu

JUSTICE FOR ALL

Thank you for the wonderful magazine. I have enjoyed reading many of your provocative articles over the past 30 years.

Robert Costigan
Golden, Colorado

Great magazine. Thank you.
Thomas Gebhardt '45
Boise, Idaho

This cover is not good. It would be bad form to take this to the Pentagon. Lives were lost. 9/11 was one of the worst days of our lives.

Homer V. Hervey Jr.
Bethesda, Maryland

MOST IMPORTANT LAWSUIT

Thanks for explaining and exploring this complex and compelling case. A fair hearing for these young people would be the least we could offer everyone that will inherit the mess we've

Little Rock, 1957: Lt. Marty Sammon '56, MBA '63 (background, center) was there with the 101st Airborne.

not done enough (yet) to clean up.

Ken White
Via Facebook

So proud that case is a Santa Clara Law case! Let's hear it for Lawyers Who Lead!

Jamie O
Via Facebook

What [the article] should say is that there has always been climate change on earth. Important that we try not to add to it too much, but with countries like China and India polluting our earth, our efforts are minimal. Remember, Mother Earth is like a woman. Her moods (climate) ever changing. It is not manmade, and like hurricanes Harvey and Irma, man cannot control their path.

Victoria Christo
Via Facebook

I believe with all my heart that the most important lawsuit on the planet (certainly in America) is the one that would overturn *Roe v. Wade*.

James T. "Terry" McDermott '69
Rancho Santa Margarita, California

COURAGE CENTRAL

I read the interview with **Marty Sammon '56, MBA '63** with great interest, and then read it again—between the lines. Marty was in the class ahead of mine, and we all realized Marty was unique. He was a happy warrior who, with his broken nose and lovable personality, radiated a menacing joy. I can imagine him as an inspiring infantry officer. I can imagine the commanding general of the 101st Airborne saying, "Send Lieutenant Sammon's unit down to Little Rock and

get those colored kids into the high school. Have Sammon lead the kids through the front door the first day, and let's see what happens."

So Marty told his men, "Nobody touches the kids and nobody touches you. You act accordingly and we won't have any problems." They start up the front steps and Marty sees a football player edging into position to trip him. Marty changes the rules of engagement with all network cameras rolling, kicks the kid in the lower leg and puts him down, and they march through the front doors. That probably set the tone for the whole successful operation. Marty was probably thinking, "You people aren't here to be nice to us or the kids we are escorting, and we aren't ordered to be particularly nice to you. If we decide to be not nice, here's a taste of what can happen."

I can imagine his commanding officer saying, "You weren't supposed to touch them, Sammon." "I didn't touch him, sir. I kicked him." Like a Bronco.

Jerry Clements '57
Los Altos, California

Here's to you Marty ... to a life well lived. Amazing story of a courageous man helping even more courageous "kids from Little Rock."

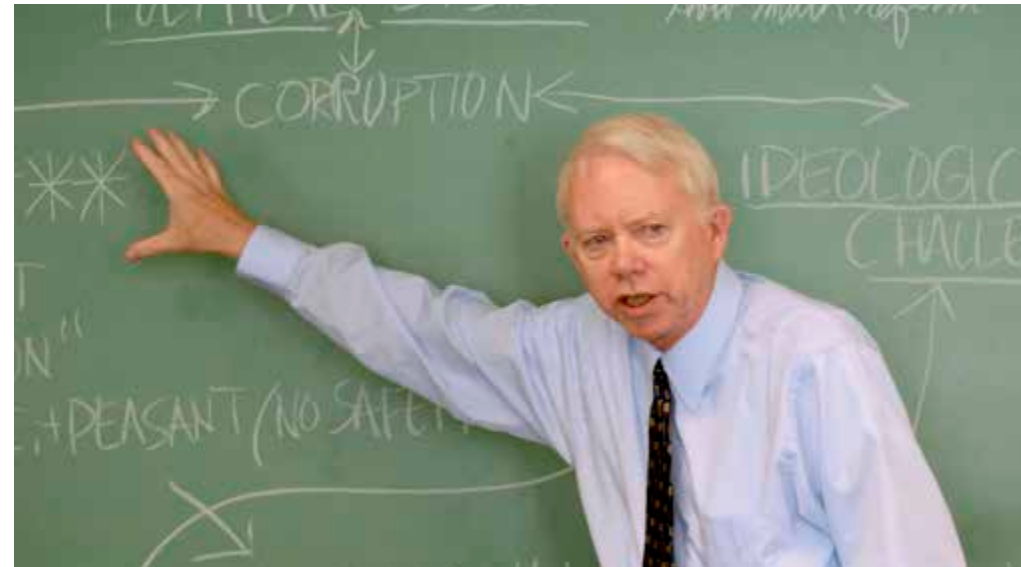
Steve Sutter
Comment via magazine.scu.edu

REMEMBERING ERIC HANSON

Over the past 30 years at the law school, we have taught a number of **Eric Hanson's** students. All had nothing but praise for him as a professor—and as a kind, caring person. His family, his friends, and the wider Santa Clara group will miss him. And the women's soccer team will also



PHOTOGRAPHY COURTESY LOOK MAGAZINE



miss seeing Eric in his seat in the stadium for every home game.

Patty Rauch
former Associate Clinical Professor of Law, and
Gary Neustadter
Professor of Law

Teacher, scholar, and soccer fan extraordinaire: Eric Hanson

GENERAL YEE'S LEADERSHIP

It is important to be aware of the extreme racism that Asian Americans have faced in the USA throughout our nation's history, especially during WWII. Prior to WWII, those of Asian and Pacific Island ancestry like Filipinos, Guamanians, etc. were limited to being cooks, stewards, and similar positions in the U.S. Navy. Congratulations to Major General **Garrett Yee '87** and all other minorities who have risen to the top ranks of their services. We in Guam are proud of the late Brigadier General Ben Blaz, who not only attained that rank on active duty with the Marine Corps, but served as our member of Congress.

LTC Robert Cruz '71 (retired)
Barrigada, Guam

RENAISSANCE MAN

As a former student of Professor **Christiaan Lievestro**, I read with interest **Diane Dreher's** graceful appreciation, "A Renaissance Man." He indeed proudly marched with Martin Luther King, Jr. A remembrance could have included his political activities with gay activist Harvey Milk and a mention of Prof. Lievestro's life partner of 46 years, John Dilks, who died in 2007. I will long remember and appreciate the support he showed

Find him in Florence: Michelangelo's David is actually not as sophisticated as work the artist completed before age 17, says arts guide Christina Mifsud '93.



me and other gay students during our formative years at SCU!

Charles McDermott '71
Ventura, California

OOPS ... YELLOW CARD ON US

One number off: Our digital exclusives story intro on **Julie Johnston Ertz** in fall 2017 had the wrong class year listed. She's a '14 grad, not a '10 grad. She has dazzled the world in just a few years of playing pro.

One letter off: Student **Scot Tomer**, who is leading a team of graduate students doing cool work on ten small test robots, is earning an M.S. (as in *science*) in engineering, not an M.A. as our story had it. —Ed.

FIRENZE AND US

My wife and I had the fortune of being on a tour led by **Christina Mifsud '93** a few years ago. She was learned and expert, and we received extraordinary insights into the art and life of

Michelangelo. She did not ignore the present, and took us to the Florence Central Market for the freshest, most delectable lunch imaginable. She has put her SCU liberal arts education to good use, and I highly recommend contacting her for an unhurried, intimate view of Firenze.

Dave Fitzpatrick J.D. '82
New Canaan, Connecticut

BEST IN THE BAY (AND THE USA)!

Big news from the Big Apple: In October, *Santa Clara Magazine* was presented with a pair of OZZIE Awards for design by *Folio Magazine*, honoring the best in magazine publishing. Winners this year also included *The Economist*, *Harvard Business Review*, and *Food & Wine*. Our honors: best designed university magazine in the country; and best use of photography by any magazine published by an association or nonprofit organization—for "World Refugee Day" by Kristóf Hölvényi. We shared that photography award with *Science Magazine*.

In November, we were honored in the Greater Bay Area Journalism Awards with 11 awards in writing, design, and overall excellence—including Best Magazine in the San Francisco Bay Area. Presented by the San Francisco Press Club, the awards are judged by journalists from around the country. Further accolades: best cover design—for "Come Together," featuring a photo of Mother Teresa's hands by Michael Collopy (Summer 2016); best headlines; awards for photography—for "World Refugee Day" by Kristóf Hölvényi and "Where Are They Taking Us?" by **Colleen Sinsky '10**; awards for profile writing—for "Let There Be Light" by Robert Zimmerman and "An American Story" by **Steven Boyd Saum**; best sports feature—for "Them's the Rules" by Sam Farmer; second place awards for feature layout design for both "Let There Be Light" and "Dr. Jerome"; and second place for a feature of a serious nature—for "Mission Critical" by **Harold Gutmann**.

In September, the University College and Design Association honored us with seven awards for excellence: for two editions overall; for illustration—for "Can't Thread a Moving Needle," illustrated by Anna+Elena=Balbusso; for editorial layout—for "Cut & Paste Conservation," illustrated by Jason Holley; and for photography by Kristóf Hölvényi and Colleen Sinsky.

Mission Matters

NEWS FROM SANTA CLARA



Finn Residence Hall will host 366 beds for first-year students and sophomores in a mini-suite style. Move-in is slated for fall 2019. Below, **Stephen Finn MBA '76** takes center CAT for the groundbreaking. Check out the digital version of this story to see progress via construction cam.

Finn Hall Rising

EVEN AS A first-grader at Saint Clare School across the way from SCU, **Stephen A. Finn MBA '76** dreamed of one day walking to class along the palm-lined drive of the Mission Campus. “I looked over, and I thought, ‘Gosh, I want to go there,’” Finn recalled recently. “I wonder if I could ever be smart enough.”

Step forward to 2018. On January 30, ground was broken on the south side campus for a new building bearing his name: Finn Residence Hall.

After completing his bachelor’s at San Jose State University, Finn came to SCU to earn his MBA. He went on to a successful career in financial services, including serving as CEO of Trust Company of America. He has been a member of SCU’s Board of Regents and served on the Los Altos Hills city council. At the groundbreaking, he underscored what a tremendous difference Santa Clara has made for him. While proud of the new building, he also wants to put it in perspective. “I challenge the University, my fellow regents, trustees, students, community,”

Finn said. “How do we stay ahead? How do we stay relevant for the next generation? This building is nothing compared to the challenge we have ahead of us.”

A STUDENT HAND IN DESIGN

The design of Finn Hall is meant to foster interaction among students while maintaining SCU’s hallmark commitment to small residential learning communities. And the design takes inspiration from a sketch created by then-senior bioengineering major **Patrick Tavelli '16**. “The architects, as one would expect and hope, have done a marvelous job of transforming my really crude design into something really beautiful,” he said.

MORE BIG (REALLY BIG) BUILDING NEWS

As we go to press, Howard S. and Alida S. Charney Hall, the new home to the School of Law, is opening its doors. Move-in and classes begin in the spring, with a dedication to take place later this year. More in our next edition. Franklin Pedestrian Mall has been cleaned of construction dust as well—providing a pleasant stroll in front of the Jesuit Residence and the Edward M. Dowd Art and Art History Building, anchor to the arts neighborhood. Work is just beginning on a multi-phase project that is the biggest in the history of SCU: construction of the Sobrato Campus for Discovery and Innovation. In food news: Benson Memorial Center, the epicenter for student dining, soon gets a glass roof over the Bronco Patio.



WORDS BY PERLA LUNA '19. ARCHITECTURAL RENDERING BY DEVCON. GROUP PHOTO BY JAMES TENSUNAN



Apple of Our Eye. Before **Sean Reilly '16** traveled to Australia on a Fulbright fellowship, he had never eaten a pond apple. He worked with Aboriginal rangers to manage growth of the plants that formed dense stands and replaced native ecosystems. Today, Reilly can say pond apples are delicious—a tastier mango. Even sweeter? The Rhodes Scholarship he earned thanks in part to his research.



An environmental science and biology alumnus, Reilly is one of 32 American Rhodes Scholars for 2018. He is the third Santa Clara University grad to win the award in the past eight years and the fourth in SCU history. At University of Oxford, he’ll follow in the Bronco footsteps of **Aven Satre Meloy '13**, **Noelle Lopez '09**, and former FDA head **Arthur Hayes '55**. And he joins luminaries such as former President Bill Clinton and *New York Times* columnist Nicholas Kristof.

A Rhodes Scholarship, one of the oldest and most celebrated international fellowship awards in the world, provides all expenses for two years of study at Oxford. While at Oxford, Reilly will earn a master’s degree in mathematical modeling and scientific computing and in environmental change and management. He wants to help communities address anthropogenic impacts on their ecological surroundings. During his time in Australia, Reilly saw spaces and problems far too big to tackle in person. His work at Oxford will teach him how to use sophisticated modeling to do research too large or complicated to physically sample. In other words, big data meets nature.

Reilly’s tenure at Santa Clara’s College of Arts and Sciences was an illustrious one. A member of the University Honors Program who worked with the Center for Sustainability, he won a trio of SCU Sustainability Champion Awards (one individual and two collaborative); was elected to Phi Beta Kappa as a junior; won the SCU Environmental Science Research Award; and won the Distinguished Researcher Award from the School for Field Studies in 2015—which took him to Queensland for environmental field research.

Leilani Miller, director of the Honors Program, says Reilly is an example of SCU at its best: “He has the intellect and research skills to understand problems and find solutions no one else has found,” Miller says, “and a conscience that is pushing him to do something about it.”

*One key quality Sean Reilly '16 possesses is “a sincere commitment to inclusive civic action,” says **Chris Bacon**, associate professor in environmental studies and sciences.*

PHOTOGRAPHY BY JAMES TENSUNAN. WORDS BY MATT MORGAN



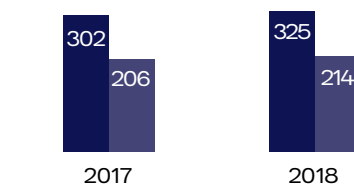
MAKE A CHOICE

GO INTO AN intro to philosophy class and you're likely to find a thought experiment that goes like this: A runaway trolley is headed for a group of five people stuck on a train track. Next to you is a lever that, if pulled, can divert the trolley to a different track. The dilemma: There's one person caught on that other track, too. What do you do? Kill one person or five? **Erick Ramirez**, associate professor of philosophy, finds thought experiments like this really weird. "People stink at correctly simulating environments in our heads," Ramirez says. "What we're actually doing is, we're trying to predict our behavior." Rather than just imagine,

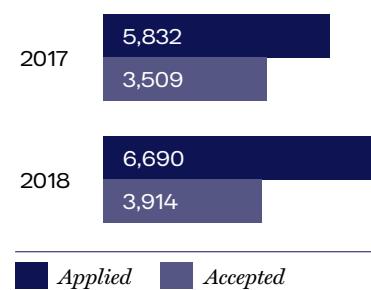
Ramirez and fellow associate professor **Scott LaBarge** have worked with student **Miles Elliott '19** to recreate thought experiments like the "Trolley Problem" in virtual reality simulations. In VR, a person has to look at the people and make the choice. "In an actual time pressure judgment, do they tend to switch or not?" Ramirez asks. And VR lets you track more than just the outcome. Ramirez will be able to track head movements to analyze what people are looking at when they make decisions. In addition to the Trolley Problem, the team developed six other simulations that tackle ethical dilemmas. All are free to download.

BIG AND BRIGHT The returns are in for those who applied to SCU Early Decision, and the Class of 2022 is shaping up with superlatives in terms of size, academic achievement, and diversity. Early Decision is binding; students commit to enrolling at SCU if admitted. These offers have already gone out. A larger number of students choose to apply Early Action: They receive an early admission decision but do not have to commit until May 1. More than 16,000 students applied for admission overall. The 9,000 who applied Regular Decision will be notified of their admission status by April 1.

Early Decision



Early Action



No stranger to campus: **Michael Crowley** served on SCU's Intercollegiate Athletics Commission. And he and wife **Kathy Crowley '85**, who holds a degree in electrical engineering, were wed in the Mission Church.

ATHLETICS, QUAKES, BRONCOS

After decades with the Oakland A's as the team's longest tenured president, **Michael Crowley** takes on a new role on campus: vice president for finance and administration, a post he began on February 16. Will he bring some of the A's famed "Moneyball" attention to metrics? It's critical to employ business fundamentals wherever you are, he says. At SCU he has oversight of the University's \$925 million endowment and will play a key role in upcoming construction projects, like the Sobrato Campus for Discovery and Innovation. As president of the San Jose Earthquakes, he was instrumental in bringing the Earthquakes to Buck Shaw Stadium for seven seasons during Avaya Stadium's construction.

Mission Control



KAYLEIGH DOBSON '19 doesn't work at NASA—yet—but her friends like to say she does. "Sometimes I correct them," Dobson jokes. What is indisputable: She was part of a team of SCU engineering students in charge of mission control for a NASA satellite launched in late 2017 from the International Space Station. The *E. coli* AntiMicrobial Satellite, or *EcAMSat*, is a nanosatellite put in orbit to house experiments testing space microgravity effects on the antibiotic resistance of *E. coli*. "It's a stepping stone toward longterm space travel," Dobson says. "If an astronaut gets a bacterial or viral infection, they can't currently prescribe antibiotics in the correct dosage." During each pass over Santa Clara—about four times a day—students monitored the condition of the satellite itself: calling out and tracking degree elevations, state of health information, and data pages. The work was fascinating, but the satellite didn't observe holidays. Over Thanksgiving break, students were in the university's Satellite Mission Operations Center around the clock to collect data.



"We hated immigrants before, some of us hate immigrants now, but the point is that immigrants are part of the American mythology," Nguyen said. "They're part of the American dream. Immigrants validate the United States, whether or not we want them to come here at all. Refugees are completely different. Refugees are the unwashed, they are the unwanted, they come bringing with them the stigma of all kinds of fears of contamination, the idea that they come from broken states and broken countries."

Nguyen himself is a refugee. He was born in the central highlands of Vietnam, and after the fall of Saigon in 1975, his family fled to the United States. He grew up in San Jose and witnessed his vibrant Vietnamese community "still suffering traumatically from what had happened to them," as he put it. "I grew up hearing all

Not Immigrant but Refugee. *The Sympathizer* by Viet Thanh Nguyen is a war novel, a spy novel—but don't call it an immigrant novel. The book won the Pulitzer, and in 2017 Nguyen was awarded a MacArthur "genius" grant and published a collection of stories, *The Refugees*. The distinction between *immigrant* and *refugee* was a central part of Nguyen's talk and reading on campus last fall.

these stories about what the Vietnamese people had gone through. And, at the same time, I was growing up as an American. And I was getting a very different version of this war from American culture."

Case in point: the jarring difference between the treatment that a film like *Apocalypse Now* dealt Vietnamese people, versus how Vietnamese people saw themselves. With *The Sympathizer*, Nguyen set out to try to undo a sense of victimization.

His novel is a tale of America as well as Vietnam. "We were lucky as refugees to come to this country," he said. "We were not special. And people who were refugees need to stand up for people who are refugees today. Which is why I always claim I'm still a refugee."

His willingness to tackle difficult subjects has led to him being called a "voice for the voiceless"—a moniker with which he

takes umbrage. "The problem, of course, is not that the Vietnamese people are voiceless," he said. "It's that no one wants to hear them ... Any type of minority—we're up against systems and structures who don't want to hear from us, who don't actually want to give voices to the voiceless. They just want representatives to make it easier for us to be heard. That's the role I resist."

Nguyen spoke to a packed house at the de Saisset Museum on October 19. His visit was part of the Reading Forward series, co-sponsored by the *Santa Clara Review*, the Creative Writing Program, and the Department of English. The series brings writers to campus to participate in classes as well as meet with students and faculty in small groups to discuss writing and publishing. On that front: Nguyen is currently working on a sequel to *The Sympathizer* called *The Committed*.

Some refugees left by air—C-141s. Viet Nguyen left by sea. "Through my youth, I had a memory of soldiers firing from our boat onto another boat as we floated on the South Chinese Sea," he said.

”

I’m All Ears. W. Kamau Bell made it into the spotlight by talking. He’s stayed there by listening. The comedian and Emmy Award-winning host of CNN’s *United Shades of America* travels the country starting conversations with people he might disagree with. Bell is also this year’s Sinatra Artist in Residence. During his first visit in November, he hosted a Q&A with students.

Here is some of what Bell had to say: How do I talk to someone I obviously disagree with? For me, a lot of times, and I know this happens on college campuses a lot, people who disagree with each other talk to each other as a way to convince the other person. I don’t think that’s always the most effective way to engage in conversation.

If you want to convince somebody that you’re right, it’s not going to happen in one conversation. Which means the first few times you talk to them you’re going to just have to listen. So, for me, if you’re the Klan or you’re Richard Spencer or you’re a militia guy on the border who I talked to last week, it’s about me allowing you space to feel like you’re being heard. Because the problem with this country right now is, everybody feels like they aren’t being heard, even though some of them are clearly being heard. But even people who are being heard, if you really want to have a conversation with them, you have to allow them to be heard and you have to get used to—how do I say this?—shutting the fuck up.

A lot of times when we talk, we’re just waiting for the other person to stop talking and you’re thinking about the sick burn you’ve got. A lot of that comes from social media and Twitter and comment sections where you’re just trying to figure out a way to insult them and win the internet for the day. But as it turns out, that doesn’t pay a damn thing.

What’s more productive is actually listening to them and finding things in there that you’re curious about. When I was talking to the Klan, I was like, “Where do you get the wood from to burn the crosses?” Because I was just curious: Where does that come from? It’s not like I’m saying, “Yay, I love it when you burn crosses.” But what is the process? Where do you get the sheets from? Who makes them? These are questions I ask because I was curious about them. It doesn’t mean I agree with them. Some people don’t like the fact that I didn’t just yell at them, but we’ve seen how that happens. We’ve seen how it happens on reality television when people just yell at each other. It doesn’t accomplish anything.

W. Kamau Bell returned to SCU in February to host a panel with Bay Area artists and work with students in classes.



PHOTO BY JOHN NOWAK/CNN



THE ULTIMATE THREAT was the sobering topic for a discussion with former U.S. Secretary of Defense William J. Perry on campus October 30. The occasion: a discussion co-hosted by the Markkula Center for Applied Ethics on the threat of nuclear war with North Korea. Perry believes North Korea’s main motivator is keeping the current regime in power and sustaining the Kim dynasty—making the likelihood of North Korea deploying missiles low. “This regime is ruthless, it’s reckless, but it is not suicidal,” he said.



GUY’S ADVICE: “Make the product you want to use and hope for the best.” The Guy in question here is Silicon Valley icon Guy Kawasaki, in a conversation hosted by SCU’s My Own Business Institute (MOBI) in January. The author of *Art of the Start* gave Leavey School of Business students insight into his illustrious career, including as an early evangelist for Apple. More advice: “That product should make meaning. It should make people’s lives better.”



JAZZ GREATS fill the galleries of the de Saisset Museum this spring. Among them: Billie Holiday and Miles Davis (above) in black-and-white portraits, thanks to an exhibit subtitled *Classic Photographs from the Bank of America Collection*. The exhibition features 16 photographers’ portraits of well-known jazz and modern dance performers in a series of 34 photographs from the 1920s through the 1980s.

AI ILLUSTRATION BY LORENZO GRITTI. COMIC ILLUSTRATION BY RAM DEVINENI. MILES DAVIS PHOTO BY CHUCK STEWART. ROCKET PHOTO BY ASSOCIATED PRESS. KAWASAKI PHOTO BY WIKIMEDIA. WORDS BY DEBORAH LOHSE. GIANNINA ONG ’18, AND PERLA LUNA ’19

ALL EYES ON AI



Lessons from the AI Mirror: Professor of Philosophy Shannon Vallor notes that AI algorithms reflect us—though perhaps in a warped image we don’t necessarily like.

ARTIFICIAL INTELLIGENCE (AI) is already reshaping our world in profound ways. So how to make sure it’s for the better? For starters, ensure that ethics underpins work in AI near and far. With that in mind, in 2017, SCU’s Markkula Center for Applied Ethics (where **Brian Patrick Green** directs the Technology Ethics Program) became one of 21 members of a powerhouse global partnership focused on the ethical and societal implications of AI. The Partnership on AI to Benefit People and Society includes founding members such as Amazon.com, Google, Facebook, and Microsoft. Meanwhile, students in the Leavey School of Business earning the new

master’s degree in business analytics study machine learning and “deep learning” with **Sanjiv Das**, the William and Janice Terry Professor of Finance and Business Analytics; he has written about using deep learning in the financial-technology world with computer science and engineering student **Robbie Culkin ’19**. Also in computer engineering, Assistant Professor **Yi Fang** challenges his students to use machine learning to predict how viewers will rank movies—while colleague **Margareta Ackerman** has created a machine-learning method for writing songs. And Associate Professor of Law **Colleen Chien** has been teaching “crash courses” on AI and the law.

Hear Her Roar

ON THE STREETS of Mumbai, the walls have a story to tell. Priya, a rape-survivor turned comic book heroine, is depicted in a mural, sitting motionless on a tiger—a symbol of her *shakti* or divine power. With the use of a smartphone, her story comes to life through augmented reality. Aided by Hindu gods and goddesses, Priya finds inner strength and combats the social stigma of sexual assault. “Speak without shame,” Priya says, “and bring about the change you want to see.” In India, survivors of rape cannot be portrayed in media. The law is intended to protect, but actually prevents survivors from speaking out. “It’s against the law, even if they want to tell their stories,” Ram Devineni says. After participating in a protest following the gang rape of a young girl, Devineni, a documentary filmmaker, decided to tell these women’s stories. *Priya’s Shakti* is the first in a series of comics telling the true story of a young rape survivor. In the fall, Santa Clara University students experienced *Priya’s Shakti* thanks to an installation of the comic’s panels in the library.

Filmmaker Ram Devineni says comics are the perfect medium to reach young men, his target audience. “Men also have to be advocates,” he says.





Sweetness, Youth & Power. Sweet Sixteen, that is. And Freshman of the Year. The Broncos charged hard into the women's NCAA soccer tourney, making it to the third round before falling to South Carolina. Led by a roster of young goal scorers, Santa Clara finished the year with the deepest run into the NCAA tournament among West Coast Conference members.



*Victory! Captain **Kellie Peay '18** leads the celebration during a November 4-3 win over BYU, midway through a nine-game Broncos winning streak.*

The Broncos also notched second place in conference play, with a league-leading 46 goals and 127 points. A 3-1 victory over Vanderbilt Nov. 17 in round two of the NCAA tournament represented the 53rd post-season win in program history. Alas, the team missed the NCAA tournament quarterfinals by one goal, falling 1-0 in a tight match on Nov. 19 against No. 5 South Carolina.

"We made it a tight game, which was goal No. 1," said Coach **Jerry Smith** in a press conference following the match with the Gamecocks. "Losing to a tough team like South Carolina on their home field is no shame for us. I am really proud of my team's effort tonight, and the great season they had."

The Broncos' recent NCAA tournament appearance marked the program's third consecutive run and 27th all-time

in the postseason—what Smith refers to as "the third season."

SCU has had a lot of success in the third season, making it all the way to the Elite 8 last year. "Fifteen of our previous 30 have ended up in the Elite 8," Smith told players in a pre-tourney team meeting. "And that's not pressure, that's opportunity. We're one of the lucky ones who get a third season."

While that opportunity ultimately slipped away in 2017, the future remains bright for the Bronco squad. They went 15-7-1, averaging 3.2 goals per match during their nine-game winning streak. They were shut out just once during their first 22 matches. And the only loss for Santa Clara during regular conference play came in their first match, against Pepperdine, who beat out the Broncos for the conference title by a single point.

And about that bright future: Of 51 goals scored by Santa Clara this season, 39 came from first-year students and sophomores. Bronco newcomers were led on offense by **Kelsey Turnbow '21**, who finished the regular season second in the WCC with 13 goals. She also had five assists and was named All-Conference Freshman of the Year. Another distinction for a first-year Bronco: most goals in a season since **Leslie Osborne '05** scored 13 in 2001, the year Santa Clara won the national championship. Plus, Turnbow landed a spot on the U.S. Women's Under-20 team. That took her to France for a pair of games in March.

But you don't just win games by scoring. In a key spot, **Melissa Lowder '19** was a stalwart goalie once again. She appeared 16 times in the net and made 64 saves. She had four shutouts.

WORDS BY MONIQUE BEELER. PHOTOGRAPHY BY DON JEDLOVEC



LONGEST SET The Santa Clara women's volleyball team clearly didn't want their season to end. Playing their final match of the year, the Broncos topped St. Mary's 46-44 in a marathon third set—and established an NCAA record for most points scored in a set under current rules. After the 90th and final point, the immediate feeling for the Broncos was more relief than elation. It wasn't until later that they could appreciate their accomplishment. "My parents told me, 'Well, I guess you'll never forget your last volleyball game,'" said **Kirsten Mead '18**.



BE STRONG New head softball coach **Lisa Dodd** still views the game as a player. She can't help it. Moments where the crowd is so loud you can't hear the person next to you, that still gets her excited. Her aim? Bring that feeling not just to World Series games but conference championships, wins over rivals, even successes in practice. "If you can appreciate the small victories along the way, you can inspire players to want more and be more," she says. Dodd comes to SCU from University of Nevada, Las Vegas, where she won 121 games in five years.

SWEAT EQUITY In eight years helping coach at Stanford, **Rusty Filter** closely watched Santa Clara baseball. "It's a sleeping giant, ready to make the next step," he says. Filter comes to Santa Clara as head coach with five NCAA tournament appearances under his belt. He coached under Jim Dietz and Hall of Famer Tony Gwynn at San Diego State and Mark Marquess, the fourth-winningest coach in NCAA history, at Stanford. Filter has made his biggest impact developing pitchers, mentoring two pitchers who went on to be selected No. 1 overall in the

*Strong finisher: **Emmanuel Ndumanya '17** saved one of his best performances for one of his last games. The senior center scored a career-high 23 points and pulled down 10 rebounds against Portland on February 15.*



EMMANUEL'S GRIND

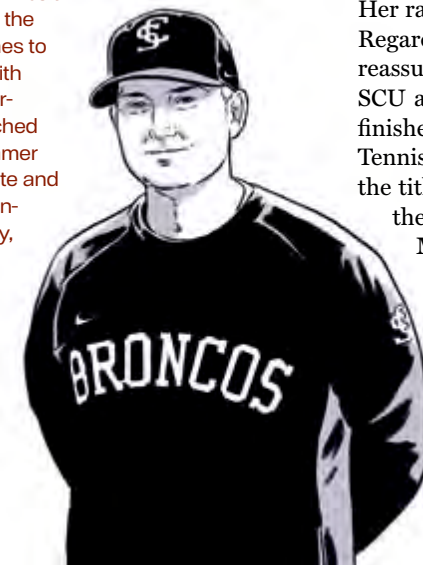
LIKE MOST KIDS growing up in Nigeria, the only sport **Emmanuel Ndumanya '17 M.A. '18** wanted to play was soccer. But when he exceeded the weight limit for his local league in ninth grade, Ndumanya was forced to take up another sport. Now 6-foot-10 and 267 pounds, Ndumanya had a natural alternative—basketball. A Nigerian scout brought him to Gardena, California, in high school before he came to Santa Clara. Adjusting to the States was difficult. "It got to the point I was tired of everything, and I told the folks that brought me here to buy my flight home," Ndumanya said. "They

encouraged me to keep fighting, never give up." On the court, Ndumanya is a team-first player. It might not ever get him on a poster, but he has taken pride in setting screens for outstanding scorers like **Jared Brownridge '17** and **K.J. Feagin '19**. "It's a job that needs to be done," Ndumanya says. "So I make sure I get the right person open." Ndumanya is taking graduate classes in educational leadership with hopes of owning a business after a career in basketball overseas. He also wants to run a school in Africa. "I want to give back to the community in the same way that they took care of me."

Sweet Home Santa Clara

MADDIE POTHOFF '20 just looks like a pro. Not just with her impossibly angled winners or demoralizing drop shots that barely cross the net. It's the way she handles herself. Between points, she never slumps. Her racket is affixed in the perfect, upright position. Regardless of situation, she maintains a composed, reassuring smile. Arizona native Pothoff came to SCU as a transfer from University of Alabama. She finished last year as one-half of the Intercollegiate Tennis Association's No. 2 doubles team and claimed the title of NCAA doubles finalist. This year, during the fall individual play, she and doubles partner

Madison Clarke '19, another Arizona native, landed the fifth seed at the ITA Northwest Regional Championships, earning a national ranking of 19 at one point. What brought her here? "The idea of receiving a world-class education while playing the sport I love really appealed to me," Pothoff says. "I couldn't pass it up."





Earthbag construction is simple—but wasn't government-approved technology in Nepal until 2017. That matters; government approval unlocks \$2,000 in quake recovery aid.

IN THE BAG

THE 2015 NEPAL earthquakes destroyed nearly 800,000 homes. Nearly three years later, rebuilding is still underway, with an eye toward safer construction. A team of women engineering students at Santa Clara noticed one type of dwelling survived well: earthbag homes. Led by **Tonya Nilsson**, professor of civil engineering, **Makena Wong '17**, **Olivia Carreon '17**, and **Nabila Farah-Franco '17** analyzed this existing but infrequently utilized technology in home construction. Then a fellow engineering alumnus, **Scott Hanson '14**, shared with them his experience as a construction manager with Conscious Impact, helping rebuild homes in Nepal. So

along with bringing engineering acumen to bear, they invested some sweat: They traveled to Nepal and worked with Conscious Impact alongside local workers to build earthbag housing in Takure, a small subsistence farming village next to the earthquake epicenter in which one out of 245 homes survived. Here's how to build an earthbag home: Fill mesh bags with soil onsite and stack them like bricks to create structurally sound and well-insulated walls. Building an earthbag home for Sunita Tamang, a widow with three children, also enabled the students to implement a rainwater collection system to provide the new homeowner with a steady source of water.

Sticky Science

THE MOLECULES IN associate professor **Amelia Fuller**'s lab are sticky—and powerful. The small vials of white powder don't look like much, but they're contamination magnets when they hit water. The sticky molecules are peptoids, Fuller says, which are N-substituted glycine oligomers. Peptoids are similar to peptides, which are natural compounds—smaller pieces of the molecules that make up proteins. If there's an oil spill or chemical leak, the presence of multiple chemicals in water can interfere with tests to identify contaminants, ultimately making it harder to clean. The sticky molecules fix that. The molecules cling to each other, creating a pocket that isolates the pollutant so it can be analyzed and more easily identified for cleanup. “The big-picture goal is to find new ways to look for potential contaminants in water,” Fuller says. “There are ways to do this now, but this would give us a way to do it that's more portable and sensitive.” Fuller's sticky molecules earned her the Henry Dreyfus Teacher-Scholar Award for her research—bringing national recognition and support for her team of student researchers.

Amelia Fuller says her sticky molecules could eventually pull even more weight. Not only would they help identify pollutants, they could help clean them as well.



BRICKYARD BOUND Come the 102nd running of the Indy 500 in May, along with cars powered by engines up to 700 horsepower, there will be a Bronco on the track: **Kyle Kaiser '20** makes his debut in the big race, piloting the entry for Juncos Racing. How did he get there? The Santa Clara native started driving at age 7—go-karts, that is—and won a national championship at age 12. A year later he was wheel-to-wheel with 20-year-olds on the Mazda Raceway. He moved to Indianapolis at age 18 to devote more time to training because, he notes, driving race cars that can accelerate to over 200 miles

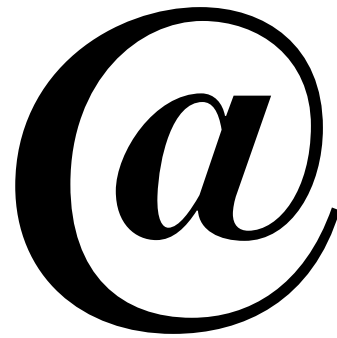


an hour takes physical strength, endurance, and mental agility. “You have to have an insanely fast reaction time,” he says. “The right decision can lead to gaining a position, the wrong decision could lead to a crash at high speeds.” In the 2017 season, Kaiser placed first in the Indy Lights Championship, winning a \$1 million scholarship and qualifying for the Indy 500—the world's largest single-day sporting event, which draws more than 300,000 attendees. His dream? To win, naturally.

BEST OF ALL TIME When the folks at Booklist rounded up their Top 50 Best Young Adult Books from the 1960s to the present, featured prominently is the work of Professor Emeritus **Francisco Jiménez '66**. The series began with *The Circuit: Stories from the Life of a Migrant Child* in 1997 and arced across the years with *Breaking Through*, *Reaching Out*, and *Taking Hold*. Booklist notes, “Written in gorgeous, economical prose, this quartet's importance continues to grow.” We couldn't agree more. We'll also note that Francisco Jiménez continues to be a popular invited speaker, and that he enjoys a special place on campus with the Francisco and Laura Jiménez Breaking Through Scholarship established in honor of him and wife **Laura Jiménez '67**.

INDIANAPOLIS MOTOR SPEEDWAY; LLC PHOTOGRAPHY; WORDS BY GIANNINA ONG '18, TINA VOSSIGHI, AND GABRIELLE DEUTSCH '18

WORDS BY MATT MORGAN; PHOTO BY KON TUM/GETTY IMAGES



Nun's Intuition. Theological education opportunities are virtually nonexistent in Vietnam—especially for women. There are no Catholic seminaries, and women aren't afforded these opportunities elsewhere in Asia. Where do you go from there? **Chi Tran, C.N.D.** headed east, for the Women of Wisdom and Action program at the Jesuit School of Theology.



For years, Sr. Chi Tran (who goes by Lucy) has relied on what she calls her nun's intuition. As a spiritual director for the Congregation of Notre Dame in Ho Chi Minh City, Vietnam, she was the one to whom young people in her congregation turned for guidance. Was it OK to live with a partner before marriage? How do you keep religion in an urban center when so few live religious lives?

Most of the time, Tran felt she came up with solid advice. Sometimes, she wished she had a greater depth of theological knowledge. “I helped them organize their lives for academic and spiritual success,” she says. “But I wanted to deepen my own spirituality and to continue to cultivate my knowledge of spiritual direction in order to serve God and people effectively.”

Two years ago, Tran got her chance. She was awarded a scholarship in the

Women of Wisdom and Action (WWA) program at SCU's Jesuit School of Theology, which has its campus in Berkeley. WWA was founded in 2012 to build networks of women theologians across Asia—from India, China, and Vietnam. The program educates talented women like Tran so they can return home to train other young women to be leaders in their church and community. WWA is a transformative experience. Students live and study together in Berkeley. They're also given the opportunity to travel to conferences across the country. In this supportive community, the women's confidence grows.

Tran will complete two graduate degrees this spring: a licentiate of sacred theology (S.T.L.) and master of theology (Th.M.). When she started the program, Tran says, she first had to get used to

talking in class. In Vietnam, classes are lecture style. You listen and recite back what you have been told. At JST, along with lectures and readings, classes tackle topics as a group. “In the classroom here, everyone has a voice,” Tran says.

Tran is eager to return to her congregation following graduation. As spiritual director, she will accompany a group of around 30 young Vietnamese women seeking to discern vocations in the consecrated life. The future of WWA will rely on women like Tran to continue its reach. The program was funded by grants from the Henry Luce Foundation and the Conrad Hilton Foundation, which run through 2019. The Jesuit School of Theology is developing a network of graduates in Asia. Faculty will serve as mentors and foster relationships and conversation between scholars.

Praying the rosary in Vietnam. The Women of Wisdom and Action program also supports women from India and China.



What Does Politics Have to Do with Beauty?

Efflorescence is a word that **Timothy Lukes** uses often in discussing the evolution, or flowering, of beauty in America. And he explores that notion through the impact of showman P.T. Barnum, naturalist John Muir, and auto designer Harley Earl, who gave us the '57 Chevy. They helped define aesthetics in the past. Why these three?

Lukes is a professor of political science and the author of the study *Politics and Beauty in America: The Liberal Aesthetics of P.T. Barnum, John Muir, and Harley Earl*. Here are a few questions we posed for him.

You write that Barnum, Muir, and Earl each championed an aspect of beauty—women, wilderness, and machines, respectively. How so?

These powerful cultural entrepreneurs pioneered this interesting aesthetic synthesis of utility and the exquisite. Barnum's entire career had a cohesive attention to disrupting the reputation of women with the help of some very interesting, and powerful, women and replacing it with this capable, enterprising entity that singer Jenny Lind, the "Swedish Nightingale," represented in America.

You're a political scientist. Why a book about beauty?

I like to examine the interface and synthesis of art and politics. We live in an era in which, especially in academia, artistic expression is often subjected to political influence—and artists often feel guilt if their art doesn't express a particular political influence. In my class, we explore alternatives to that. We explore Dadaism and romanticism and modernism, and various movements which see that interface in a different light.

What cost does society pay if artistic expression emphasizes what you call the "intrusion of utility"?

Studying political philosophy, you start to understand that the United States is the quintessential enlightenment polity. We have embraced John Locke, who is the political arm of the Enlightenment, so we have a very strong devotion—maybe even obsession—with self-preservation and the priorities of survival. With those priorities—as successful as we've been, and as appreciative as I am of being an American—there are always unanticipated consequences. And one of them involving the success of liberalism has been, I think, the dilution of those exquisite moments that beauty offers us.

Lines and shadows: the '57 Chevy, Jenny Lind the "Swedish Nightingale," and naturalist John Muir



BALL OR STRIKE? Pitch-framing is a commonly used tactic in baseball. A catcher lines up to the inside or outside of the plate and moves his hand toward the plate after he's caught it, giving the umpire the impression that the ball sailed over the plate. The practice is accepted, but is it ethical? In *Sport, Ethics, and Leadership*, **Jeff Mitchell**, senior associate athletic director at SCU, tackles questions like this and many others—from simple to serious—to examine



ethics using sports as a backdrop. For the book, Mitchell teamed up with former SCU Law Dean **Don Polden**, attorney Ronald S. Katz, and teacher and writer Jack Bowen. They explore how sports offers a special opportunity to observe ethical behavior in a vacuum and how it can help shape leadership in the world. "We live in a period of time where sport and a lot of other things are under intense scrutiny and leaders are being condemned on the actions they choose," Mitchell says. "If you are going to lead effectively, you need to do so in an ethical manner."



TALES FROM THE ROCK The opening story in *Hard Sentences: Crime Fiction Inspired by Alcatraz*, co-edited by **David James Keaton**, shares a gnarly description of an inmate with brittle bone disease who decides to break bones in his own body to slip through the bars of his cell. Keaton suggests some readers may want to "start with something a little less ... disturbing." Keaton teaches composition and creative writing in the Department of English. For this 19-story collection published by Broken River Books, he rounded up a crew of Alcatraz-inspired miscreants inspired by the notorious SF Bay prison: from escapes by raft to ghosts that haunt the children of groundskeepers and gardeners living on the island. Naturally, Al Capone and Creepy Karpis appear. So, too, do specters of Native Americans who occupied the island in the '70s.

A CAUTIONARY TALE



In her research for Undocumented and in College: Students and Institutions in a Climate of National Hostility to be quite this relevant again. In fact, she hoped it wouldn't be. From 2010–12, Nichols, an associate professor in the Department of Sociology, was part of a Ford Foundation study exploring complexities facing undocumented college students. Nichols and professors from two other Jesuit institutions interviewed and researched undocumented students at Jesuit institutions nationwide. But with the creation of Deferred Action for Childhood Arrivals (DACA) in June

LAURA NICHOLS '90 didn't expect her book *Undocumented and in College: Students and Institutions in a Climate of National Hostility* to be quite this relevant again. In fact, she hoped it wouldn't be. From 2010–12, Nichols, an associate professor in the Department of Sociology, was part of a Ford Foundation study exploring complexities facing undocumented college students. Nichols and professors from two other Jesuit institutions interviewed and researched undocumented students at Jesuit institutions nationwide. But with the creation of Deferred Action for Childhood Arrivals (DACA) in June

2012, many of the problems facing Dreamers were solved or lessened. Fast-forward to 2017. Nichols' book was published and President Donald Trump announced plans to repeal DACA. Suddenly, the problems in the book aren't a thing of the past. "It's a cautionary tale," Nichols says. *Undocumented and in College* adds context to the story of students' lives. There is work to be done, but Nichols thinks Jesuit schools could lead the way—and the Ford Foundation agreed. "They realized if there's any group of institutions who could say something about undocumented students, the Jesuit network could."

Byzantine Digital Deluxe



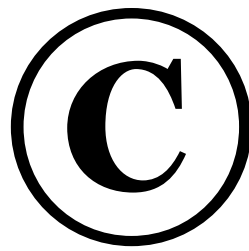
Medieval multitasker: Byzantine scribe Theodore Hagiopetrites was notable for also creating much of the decoration in the holy books he had a hand in, including the beginning of the Gospel of Matthew, shown here.

SCHOLARLY SLEUTH **KATHLEEN MAXWELL** deciphers telling tidbits in illustrated Greek gospel books from the Middle Ages. Pigment, gilded motifs, and vellum choices give away details about Byzantine illustrators, scribes, and wealthy patrons. Even personal glimpses echo off the page, the professor of art history argues in a chapter she contributed to the recent volume *The New Testament in Byzantium*. One intricate pattern in rich magenta ink hints that it was commissioned by a wealthy, aged donor before entering a monastery or convent. "That was considered a good way to end your life," Maxwell says, "moving into a more ascetic phase." Digital tools also are helping Maxwell and colleagues up their global detecting game by analyzing

manuscripts and suggesting related texts. A digital aid called the Clusters tool assessed known works by 13th-century illuminator and scribe Theodore Hagiopetrites—finding links in manuscripts scattered worldwide.

INTERVIEW BY MONIQUE BEELER, JENNY LIND AND JOHN MUIR. COURTESY GETTY IMAGES

WORDS BY GIANNINA ONG '18, MATT MORGAN, AND MONIQUE BEELER. STUDENT PHOTO BY JOANNE LEE. MANUSCRIPT IMAGE COURTESY THE SPECIAL COLLECTIONS RESEARCH CENTER, UNIVERSITY OF CHICAGO LIBRARY. ALCATRAZ PHOTO BY UNDERWOOD ARCHIVES/GETTY IMAGES. BASEBALL GLOVE PHOTO BY ISTOCK.

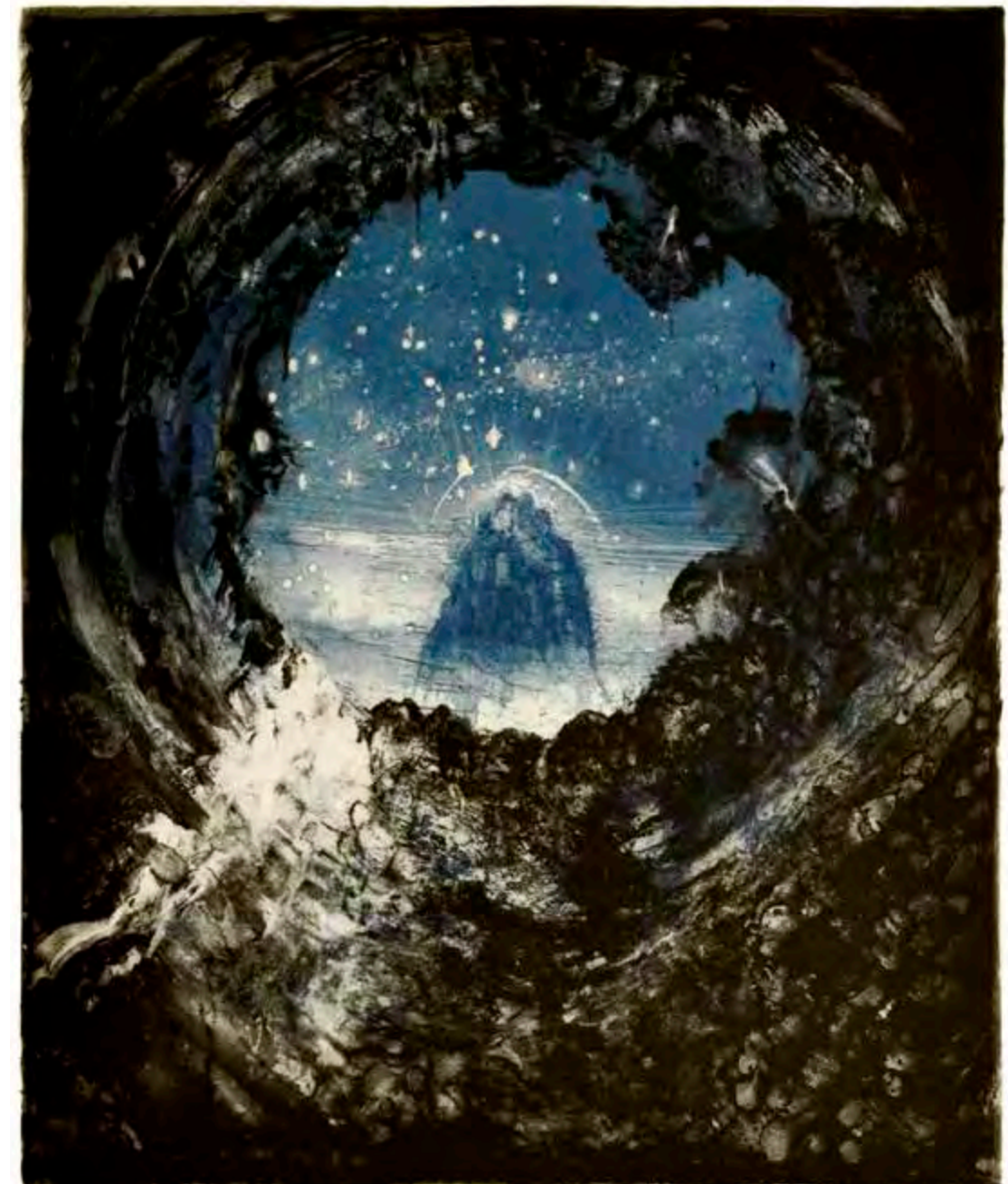


L'Inferno di Dante. Artist Michael Mazur does something unusual in illustrating Dante's *Inferno*: He lets us behold Dante Alighieri's world through the poet's eyes, not in third person. The harrowing vision is a project Mazur undertook from 1994 to 2000 in response to a translation by poet Robert Pinsky. Mazur considered this the most ambitious project in his life. Pinsky said that Mazur's etchings "are

themselves acts of translation." Each etching—printed on vellum in dense black and white—is paired with cantos in Italian and English translation, chronicling Dante's journey to hell and back. A tale centuries old becomes captivating and contemporary. Through June 2018, SCU's de Saisset Museum hosts an exhibition of Mazur's interpretation of the *Inferno* in its entirety. These are part of the museum's permanent collection, a gift of Smith Andersen Editions—thanks to the late Paula Z. Kirkeby.



Canto III
... cross to the other side
Of the dark water, and before one throng can land
On the far shore, on this side new souls crowd.



Canto XXXIV
Through a round aperture I saw appear
Some of the beautiful things that Heaven bears
Where we came forth, and once more saw the stars



Clockwise from upper left. **Canto II:** Day was departing, and the darkening air. **Canto III:** From every country, all of them eager to find / Their way across the water. **Canto IV:** ...how many worthy souls endured / Suspension in that Limbo. **Canto IX:** "Oh let Medusa come," the Furies bayed.

Canto XIV: All over the sand / Distended flakes of fire drifted from aloft. **Canto XXII:** We journeyed now / With the ten demons. **Canto XXX:** "That monstrosity / Is Gianni Schicchi; he runs rabid among / The others here, and graces them like this. **Canto XXXI:** All round the bank encompassing the pit / With half their bulk like towers above it, stood / Horrible giants.

Trust Me

After decades of declining trust in journalism, here's some good news. Introducing the Trust Project—a global effort to help readers identify reliable news.

BY STEVEN BOYD SAUM AND DEBORAH LOHSE

ILLUSTRATIONS BY FRANZISKA BARCZYK

FIRST, THE BAD NEWS: People have little trust in journalism. That's true across the country and in much of the world. That isn't simply bad news for journalists. Journalism, after all, is supposed to be the immune system of democracy, as Craigslist founder and philanthropist Craig Newmark puts it.

But then, you probably knew all that. And this: Over the past couple years, focus on trust in journalism—or lack thereof, and questions about what passes for journalism anyway—has been in the public eye like never before. Thank digital technology in part: Macedonian teenagers making up stories and, to sell ad dollars, intentionally creating “fake news”—before that term was weaponized. Meanwhile, Russian-controlled bots and other nefarious actors gamed (and continue to game) algorithms to surface toxic misinformation from the dark corners of conspiracyland. Yet the fact is, the trust problem isn't new.

Gallup polls started tracking trust in the news in 1972. (That same year news anchor Walter Cronkite was voted in another nationwide poll “most trusted man in America.”) They have asked a question about trust in the news annually since 1997; not coincidentally, technology began changing dramatically the dynamic of journalism in the late 1990s. And in general, trust in the news has been declining for forty years—though there was a slight uptick in 2017.

Veteran journalist **Sally Lehrman** has watched the decline in trust over the last couple decades with particular dismay. She has won awards for her coverage of science and health issues—an area of journalism, she notes, where rigor in reporting is essential. She also directs journalism ethics at the Markkula Center for Applied Ethics at Santa Clara. As for the decline in trust, she says, “It didn't just happen.”

Economics have something to do with the decline.

Editors have understood this for years—and they have voiced concerns about how the chase for clicks in digital environs was worsening both quality and ethics. Sometime back, Lehrman says, she began shifting the conversation—and went to technologists and editors and asked: “Can we flip the picture?” Or, as she put it in a conversation with the podcast for news research organization Storyful recently: “Can we make it possible to use the digital environment, to use algorithms as a force for good and a force to emphasize and promote quality?”

In 2014, Lehrman began building a formal network of news companies willing to take steps to instill greater trust in the journalism they produced. In a series of workshops spanning two years and hosted by the Markkula Center for Applied Ethics, Lehrman guided senior news editors through a series of in-depth interviews with users of news, looking for ways to combine their needs with journalism's highest values. The interviews were conducted across the United States and throughout Europe. And to get a broad picture, the interviews brought together a diverse range of news users—in terms of race and class, geography and generation and gender. Fundamentally, Lehrman says, the interviewers wanted to find out: “What do you trust in the news? When do you value the news? When do you trust it? And when has your trust been broken?”

Last year in a piece for *The Atlantic*, Lehrman described the project-in-progress in terms of what it isn't: “The journalists working on this project aren't attempting to prescribe the perfect news diet for the public,” she wrote. “That would be self-serving, pompous, and dull. No, we're asking people to tell us what they want and need from the news.”

One hopeful insight from the exhaustive process, which involved more than 75 news organizations, was this: That





there is a broad array of people who want news they can trust. And people who are engaged with the news really do want to know how the sausage is made. The interviews also revealed the fact that, while journalists and news consumers seemed to agree on what makes a story trustworthy, consumers didn't feel they had enough underlying information to assess if a story passed their own trust test.

Putting together expectations from both sides, the process led to the creation of a new set of transparency standards to help people easily assess the quality and reliability of journalism. Those standards were shaped under the aegis of a nonpartisan enterprise headed by Lehrman and hosted by the Markkula Center for Applied Ethics, and with partners around the world. It's called the Trust Project.

INDICATORS ARE

Starting last November, leading media companies representing dozens of news sites began to display Trust Indicators, which provide clarity on the organizations' ethics and other standards, the journalists' backgrounds, and how they do their work. The indicators also make clear what type of information people are reading—news, opinion, analysis, or sponsored content and advertising.

The German press agency dpa, *The Economist*, *The Globe and Mail*, the *Independent Journal Review*, *Mic*, Italy's *La Repubblica* and *La Stampa*, Trinity Mirror, and *The Washington Post* are among the companies that were part of the first wave. Along with that, the Institute for Nonprofit News is developing a WordPress plug-in to facilitate broader implementation by qualified publishers.

So what are the indicators? At the core, there are eight:

- › **Best Practices:** What are your standards? Who funds the news outlet? What is the outlet's mission? Plus commitments to ethics, diverse voices, accuracy, making corrections and other standards.
- › **Author Expertise:** Who reported this? Details about the journalist who wrote the story, including expertise, and other stories they have worked on.
- › **Type of Work:** What am I reading? Labels to distinguish opinion, analysis, and advertiser (or sponsored) content from news reports.
- › **Citations and References:** For investigative or in-depth stories, greater access to the sources behind the facts and assertions.
- › **Methods:** Also for in-depth stories, information about why reporters chose to pursue a story and how they went about the process.

› **Locally Sourced?** Lets people know when the story has local origin or expertise.

› **Diverse Voices:** A newsroom's efforts to bring in diverse perspectives.

› **Actionable Feedback:** A newsroom's efforts to engage the public's help in setting coverage priorities, contributing to the reporting process, ensuring accuracy, and other areas.

Working groups of news executives from diverse organizations collaborated to hone the editorial attributes of each Trust Indicator. Development and design working groups, which included sites that launched in November 2017 as well as the BBC and Hearst Television, envisioned how they would appear and work on digital news pages.

THE SEARCHERS

Part of the work was technical, and part of it involved solving problems with design: If you're adhering to these standards, how do you present that in the digital sphere—on your site or with individual stories?

Some outlets already disclose information included in the Trust Indicators. But the new system standardizes this information across the industry, making it easier for both the public and news distribution platforms to find it.

Roland Freund, deputy editor-in-chief for Germany's dpa, notes that the agency already provides detailed supplementary information to its customers—news organizations—for stories it covers. "In the future these details will be displayed to internet users as part of the Trust Project," he says. "Everyone will be able to benefit from this transparency, because good journalism is about being trustworthy."

Given the platforms through which people find news today, the Trust Project effort includes social media and search engine players as external partners. Call it a bridge between newsrooms and technology companies. So at the same time that news sites are bolstering their transparency through the Trust Indicators, digital platforms aim to incorporate them into the way they display news stories.

Here's how the indicators work under the hood: Each indicator is signaled in the article and site code, providing the first standardized technical language for platforms to learn more from news sites about the quality and expertise behind journalists' work. Google, Facebook, Bing, and Twitter have all agreed to use the indicators and are investigating and piloting ideas about how to best to use them to surface and display quality journalism.

COMING TO YOU LIVE

The rollout didn't just happen online. The Newseum in

"I'm a news consumer, not a news professional," says Craig Newmark, founder of Craigslist. "I just want news I can trust."

Washington, D.C., hosted a Trust Project event in November 2017 on “Rebuilding Trust in Journalism.” And in December, the Tech Museum of Innovation in San Jose hosted a West Coast rollout on “The Trust Project: Using Technology to Restore Faith in the News.” Among those joining Lehrman for those programs were Richard Gingras, vice president of news for Google; Cory Haik, publisher of *Mic*; Devin Slater, design director for *The Globe and Mail*; and Craig Newmark, founder of Craigslist.

Newmark was an early and key backer of the Trust Project through his philanthropic fund. He approaches the project not as a professional journalist but as someone who wants journalism to do the important work of helping us understand complex and urgent issues, and to foster informed debate. “I’m a news consumer, not a news professional,” he has said. “I just want news I can trust.” And, as he told Storyful, “News consumers need a way to tell media companies what we expect from them, the types of news we can count on and will pay for. The Trust Indicators set standards for media outlets and allow newspeople to commit to good faith reporting that’s worth buying.”

Along with funding from Craig Newmark Philanthropies, the Trust Project has received financial backing from Google, the John S. and James L. Knight Foundation, the Democracy Fund, and the Markkula Foundation.

NO SILVER BULLET

Despite the broad involvement of leaders in journalism, it’s fair to say that nobody thinks the Trust Project offers a silver bullet. Other efforts in the media ecosphere come at trust from different angles. Take the Open Brand Safety framework, launched in 2017 with the goal of researching sites that traffic in fake news and hate speech—and helping advertisers steer clear. Or there’s the Hamilton 68 Dashboard, which tracks content tweeted by Russian bots and trolls; backed by the German Marshall Fund, it is named for one of the *Federalist Papers* in which Alexander Hamilton warned against foreign meddling in U.S. elections.

Who is the audience for the Trust Project? Based on the years of interviewing, Lehrman breaks down news users into four broad categories. First, there is what she calls the “avid news user”: someone who actively seeks out quality news with solid reporting, and is willing to put in extra effort to make sure stories hold up—including cross-checking with different sources. After that, the user might push a story out through various social networks.

Not everyone has the time, energy, or desire to do their own investigation, though. So one notch below is what Lehrman describes as the “engaged user.” This is someone who still wants solid news—though perhaps they’re a bit overwhelmed by the cacophony of what is presented as news today.

Third, there is a user who is a bit less engaged. They don’t so much pursue the news as “let the news wash over them,” as Lehrman puts it. That’s understandable—there’s so much out there. And they might find themselves, as one study by the Center for Media Engagement at University of Texas at Austin puts it, “befuddled and distrustful.”

Finally, there is a user who is “actively angry and disengaged.” That’s a description that seems to speak to the tenor of our times. And Lehrman recognizes the valid reasons behind some of that disengagement. “Some members of the public are frustrated with journalism that seems thin, uninformed, biased against their community and replete with argument, anger, and violence,” she wrote for *The Atlantic*. “They complain about opinion presented exactly like news ... They want more humility from journalists, more recognition that in spite of journalists’ best aspirations, we do sometimes get it wrong.”

The participants of the Trust Project have begun their work with the first couple types of users in mind—those actively seeking out trustworthy news. They hope that these users, leveraging social networks, can then, as Lehrman says, flip the picture—and bring along members of the third group—folks who more or less let the news wash over them. As for convincing the angry and disengaged? That’s a tough row to hoe.

Lehrman understands that it is also natural for journalists and news organizations to ask: If they’re now expected to provide more information and background and are already pressed for time, how can they possibly manage this, too? As editors look at pinched staff resources, and publishers eye the bottom line, they want to know: How are we going to pay for this?

Part of an answer to that is that some Trust Indicators are implemented at a site level, then carried with every story. And part of an answer, project participants hoped, would lie in development of new digital tools for journalists to show indicators efficiently. With that in mind, the Trust Project convened a group of designers in a problem-solving effort hosted at the *Washington Post*. And they came together with a sense of doing far more than designing visual widgets. As Lehrman recounted in her recent Storyful conversation: “These designers started thinking about, ‘Well, how do we turn something like this process of adding more information about your sources into one that actually benefits the reporting process?’ They started thinking about things like creating a tool that would enable journalists to show their sources and also start building a better database of who their sources are and what kind of documents they’ve used. There are creative ways that you can take this idea of a transparency tool and actually enhance the reporting process as well.”

In other words, the efforts to pull back the curtain on journalism through Trust Indicators shouldn’t just make for more transparent stories. They should lead to better journalism.

David Walmsley, editor-in-chief of *The Globe and Mail*, explained to online magazine *OZY* why his paper felt compelled to be a part of the Trust Project. “For far too long, we have sat there and said, ‘Let the story speak for itself,’” he said. “Then we leave this vacuum, and it’s whoever speaks loudest gets heard.”

Lehrman is optimistic that social media and search platforms will continue to amplify the value of the Trust Project. “Google was involved from the very beginning,” she notes. “Facebook has come in, Twitter is involved.” They are experimenting with ways to display the Trust Indicators to flag that the stories are from a source that has committed to trustworthy reporting—or not.



Behind the story: Trust Indicators let readers find out more about the writer, reporting sources, who funds the publication, whether a piece is news or opinion, and more.

At the same time, Lehrman doesn’t expect platforms to solve the problem for news users. Nor does she want the Trust Project to give any news partners a free pass. Fundamentally, she says, we don’t want people blindly trusting the news media. Instead, both journalism and society at large are better served when people look to the media and read and watch and listen with skepticism—but at the same time, they look to it with the goal and the expectation of becoming more informed.

One way of thinking about the Trust Indicators is like nutrition labels for news, Lehrman says. Not everyone will look. But for those who want to know what they’re consuming, there are now standards—and the info is now available.

Since this effort is called the Trust Project, it’s helpful to remember how trust actually works among human beings. As Lehrman recently noted in an interview with *OZY*, “It’s not about convincing people to trust you. It’s about earning their trust.”

STEVEN BOYD SAUM is the editor of *Santa Clara Magazine*. **DEBORAH LOHSE** is assistant director of media and internal communications at SCU. She was previously a staff journalist at the *Mercury News*, *Wall Street Journal*, and *Money Magazine*. **FRANZISKA BARCZYK** is an illustrator, art director, and GIF maker whose work has been featured by *Walrus Magazine*, *Advertising Age*, and NPR.

WHAT’S THE BIGGEST CHALLENGE IN DELIVERING QUALITY JOURNALISM TODAY?

Answers from former editors of SCU’s student newspaper, *The Santa Clara*

We are undergoing a profound shift in how people receive and consume information about their community and the wider world. Institutions we have relied on for decades—newspapers, especially, but also local TV news and other mediums—are being replaced by social media channels that make little distinction between news, opinion, entertainment, propaganda, and other content. That lack of distinction is muddling the information marketplace and eroding what used to be its bedrock: a widely agreed upon set of facts gathered by reliable news outlets. Without that, political operators can easily manipulate consumers into drifting toward political poles, shutting out competing viewpoints, and squashing meaningful discussion about how to improve lives.

JOE TONE '01 — veteran newspaper reporter and editor who recently published his first book, *Bones: Brothers, Horses, Cartels and the Borderland Dream*

The cost and experience. Journalism isn’t cheap: It takes money to pay salaries, benefits, public-records requests, lawsuits, and reporting trips. Seasoned journalists have also, from my experience, been leaving the industry—and with them leaves years of source-building and nuance that can help inform readers of sensitive or complex areas, whether that’s city hall or the science beat.

JACK GILLUM '06 — investigative reporter at the *Washington Post*, formerly with *AP*, *USA Today*, and the *Arizona Daily Star*

For many years, the U.S. had the moral high ground in upholding press freedom around the world. Now we have an administration that calls reporters the enemies of freedom. The problem is in how real, responsible journalism can penetrate an environment where millions of people are being swamped by inside-out “news” and misdirection to an extent we’ve never seen. Quality journalism has many platforms, but arenas that used to be dominated by real journalism now are flooded with every other kind of material—not beholden to rigorous journalistic standards—that the information age offers, much of it masquerading as journalism.

RITA BEAMISH '74 — whose journalism career includes 20 years with *AP* as a *White House*, political, environmental, and investigative reporter

WHAT IMPORTANT LESSON DID YOUR TIME AS A JOURNALIST AT SCU TEACH YOU?

Trust is our only currency. If sources don’t trust us, they won’t talk to us and we can’t do our job. If readers don’t trust us to tell the truth, they are not going to read our stories. And unless we are transparent, we can’t gain trust.

JESSICA HARDCASTLE '98 — senior editor at *SDxCentral*.

My first editor at *The Santa Clara*, now a journalist in Washington, drilled into his staff the importance of getting the small details right—names, numbers, dates—because if you mess those up, how will readers trust you with the big stuff? That was true when we were reporting at Santa Clara about discrimination at parties or a University investigation into a cheerleading coach, just as it’s true today when I’m writing about legislation worth billions of dollars or investigations into Russian election meddling. A journalist’s best defense against charges of bias is to be as accurate, fair, and thorough as possible.

JEREMY HERB '08 — *CNN* national security reporter, covering the *Russia investigations and Congress*. He was formerly with *Politico*, *The Hill*, and the *Minneapolis Star Tribune*.

We don’t want people blindly trusting the media. We want people looking to the media and reading it with skepticism. We want them looking to it with the goal of becoming more informed.



Nobel Beginnings

Santa Clara Professor **Hersh Shefrin**, fellow economist **Richard Thaler**, and the beginning of the fight to have behavioral economics taken seriously. There was yelling involved.

BY **DEBORAH LOHSE**

ILLUSTRATIONS BY **PAUL BLOW**

SANTA CLARA UNIVERSITY finance professor **Hersh Shefrin** could not be prouder that Richard Thaler, the man he worked with for more than 15 years to bring psychological and behavioral insights into mainstream economic models, won the Nobel Prize in Economic Sciences in 2017. Shefrin also happens to be one of the few people who remembers that this world-changing work didn't start out auspiciously. In fact, it started with yelling.

"I knew in the '70s we were breaking new ground," recalls Shefrin of the work that he and Thaler first embarked on as junior faculty at the University of Rochester. "But when Dick and I would speak to our faculty colleagues in seminars, the hostility was very strong. Yelling, displays of temper, people telling us that what we were doing was crazy."

Their crazy notion? The idea that traditional, or "neoclassical" economics, had for decades wrongly assumed that people would always behave in ways that best served their overall self-interest. If people know they must save for the long-term, for instance, neoclassical models presumed they would coolly assess their income, assets, and spending, and put aside the optimal amount to accumulate assets over their lifetime.

The two upstart junior faculty members argued otherwise. They believed neoclassical economics was failing to factor in the reality that—due to psychological influences such as self-delusional behaviors—humans quite often behaved differently from the norms assumed by traditional economic models. And, they argued, that reality had serious implications—as more and more Americans were being put in charge of their own long-term financial well-being, with the decline in traditional pensions and an uncertain Social Security safety net.

It took quite a while to be treated seriously. In early 1985, one of the most influential economists at the time, future Nobel Prize winner Franco Modigliani, spent two long phone calls arguing to Shefrin that his and Thaler's work on self-control and spending was "valid, but very minor." Shefrin's work with both Thaler and later Santa Clara colleague **Meir Statman** directly challenged the Modigliani-Miller principle, named after Modigliani and University of Chicago academic (and also future Nobel laureate) Merton Miller. Their principle stated that psychological imperfections do not prevent people from rationally seeing financial truth. The University of Chicago hosted an entire conference on behavioral economics and finance—with the clear aim of debunking it, but without inviting Shefrin or Statman to speak. Instead, Miller gave

a talk saying that behavioral finance was about interesting "stories," not fundamental forces.

Shefrin and Thaler had some support at Rochester from their colleague **Tom Russell**, now professor emeritus of economics at Santa Clara, who arrived at SCU at the same time as Shefrin; he also published a paper on behavioral economics with Thaler. He would later conduct award-winning research on catastrophe risk and insurance.

Shefrin and Thaler shook off their numerous critics and spent the subsequent decades studying many fascinating questions about how psychology impacts financial and economic behavior. Among the descriptions of Thaler's accomplishments in the Scientific Notes accompanying the award by the Royal Swedish Academy of Sciences were numerous mentions of the foundational work he co-authored with Shefrin, now SCU's Mario L. Belotti Professor of Finance.

Neoclassical economics was failing to factor in the reality that humans behave differently from the norms assumed by traditional models.

PLANNERS AND DOERS

Shefrin and Thaler's early, seminal paper titled "An Economic Theory of Self-Control," sought to model the concept of temptation in a formal way, "something that was totally absent from the economics literature at that time," recalls Shefrin. The paper discussed "simultaneous internal conflict" involving two parts of the brain, in which people know they want to do something but can't get themselves to actually do it. At Thaler's suggestion, they called the part of the brain that wants to do something "the planner" and the other part "the doer." The "planner-doer" model became a highly influential way of approaching economics, and would later be credited with substantially helping to increase the rate at which Americans save.

Thaler and Shefrin's fascination with behavioral economics had different origins for each of them.

Thaler, who taught in the University of Rochester's business school, became intrigued after a dinner party at his

home, when guests implored him to take away some cashew nut hors d'oeuvres, lest they spoil their dinner. The classically trained economist in him wondered, “Well, if you’re rational, you simply choose to stop eating,” at some optimal point, Shefrin explains. But guests felt helpless to do so. So Thaler “asked the question, ‘What’s going on in our heads, and why is it that people don’t behave rationally in these kinds of situations?’”

Shefrin, then in the economics department at Rochester, had his own “aha moment” as his wife, a dental hygiene faculty member, was working on a research project which sought to help people with eating disorders make better health care decisions. Shefrin started thinking about eating disorders as an extreme example of people not acting in their own long-term best interest, and decided he wanted to study how nonrational behavior played out in economics.

Before long, he and Thaler found each other and began a 15-year collaboration, which continued even as Shefrin moved to Santa Clara University in 1978 and Thaler moved on to Cornell University. One such collaboration was a 1986 study of Santa Clara University MBA students, designed to investigate how individuals think about money differently based on how they acquire it.

The study’s central question: Is the way a person spends or saves money dependent on the source of the money—a paycheck vs. a home or investment vs. a windfall inheritance—or is the total value of their wealth all that matters? The students in the survey were presented with three scenarios, all of which were equivalent from a financial perspective but differed in how those finances were described. The survey results showed that even though acquiring money in each scenario increased their wealth by precisely the same amount, students were much more willing to spend certain kinds of wealth (especially from their paychecks) and inclined to save a far greater portion of certain other types of wealth (especially future wealth from an inheritance).

“Our Santa Clara students were the first to provide evidence in a systematic way that said it really matters in what form you get your wealth,” said Shefrin. The power of that concept—a special case of a phenomenon called “mental accounting”—loomed large in the Nobel Prize committee’s praise for Thaler.

CONTINUED COLLABORATION

Shefrin managed to infect Meir Statman, Santa Clara’s current Glenn Klimek Professor of Finance, with the behavioral bug, and the two began a decades-long collaboration, exploring how people save and invest, factoring in the impact of psychological phenomena. The Royal Swedish Academy mentioned the work of Shefrin and Statman in their Notes, pointing out that they “provided the first empirical evidence” of the so-called “disposition effect,” in which investors are loath to unload losing stocks.

The Santa Clara pair won the William F. Sharpe Award

A Brief Behavioral History



My first solo book, *Beyond Greed and Fear*, was published in 1999. I wrote it to explain how psychology, including imperfect self-control, influences investor behavior. Rather than writing in a highly academic, abstract way, I

focused more on stories about real people to bring the psychological issues to life for readers. At the same time, my interactions with executives from Financial Executives International provided me with a window on how corporate managers make judgments and decisions at their companies. I was noticing the same psychological issues that impact investors also impact managers, such as vulnerability to excessive optimism, overconfidence, confirmation bias, and aversion to a sure loss. The result was my 2006 book *Behavioral Corporate Finance*.

From the outset, my work on self-control examined techniques people use to mitigate psychological vulnerabilities. My next book in 2008, *Ending the Management Illusion*, focused on how companies can mitigate vulnerability to value-destructive psychological phenomena. I used many companies as examples in that book, and singled out Ford for making a positive corporate cultural shift to address its psychological challenges. The book also singled out BP for maintaining its problematic corporate culture. Several years later, Ford became the most profitable automobile manufacturer in the world, while BP experienced the explosion of Deepwater Horizon—and a presidential commission report on the accident would later conclude that at its heart the main problem was BP’s culture, just as I had argued.

My recent book, *Behavioral Risk Management*, published in 2016, is the natural sequel, and argues that every major risk management disaster since the turn of the century stems from identifiable psychological issues. Examples include the nuclear meltdown at Fukushima Daiichi, the financial meltdown associated with the global financial crisis, and the World Health Organization’s mishandling of the most recent Ebola crisis.

—Hersh Shefrin

for Scholarship in Financial Research from the *Journal of Financial and Quantitative Analysis* for their work on behavioral portfolio theory, and the Graham and Dodd Scroll Award from the Association for Investment Management and Research for their paper “Ethics, Fairness and Efficiency in Financial Markets.” Notably, Shefrin and Statman’s joint work launched the literature in behavioral finance.

Shefrin’s book *Beyond Greed and Fear* was the first comprehensive treatment of behavioral finance. That was published in 1999 by Harvard Business School. He has also written several other books that focus on how the behavioral approach impacts organizations (see sidebar) and co-edited a volume on *The Global Financial Crisis and Its Aftermath*, with contributions from leading economists, including then chair of the Federal Reserve, Janet Yellen.

Thaler, meanwhile, continued his research into practical ways to mitigate the impact of low self-control on saving rates, the main issue at the heart of his work with Shefrin. Thaler’s subsequent groundbreaking work with his former graduate student, Shlomo Benartzi, on a program called Save More Tomorrow, would eventually be adopted by major investment firms such as Vanguard.

Shefrin has written a tribute to Thaler for the online publication Vox, noting that “Thaler’s academic work teaches us to beware of the limits of assuming that the world is populated by rational actors.” And he notes that Richard Thaler does one thing better than any other economist: “He constructs simple and incisive thought experiments. Most economists, including me, are trained to think in terms of formal models. Thaler is more of a qualitative thinker.”

Santa Clara University is helping to carry on Thaler’s legacy in another way as well: His granddaughter **Hallie Friedfeld ’19** is a junior at SCU, double majoring in child studies and sociology, and recently returned from a study abroad program in Copenhagen. “I am very proud and excited to see the work that he has been developing for so long be acknowledged to the highest degree,” she wrote in an email about her grandfather.

Shefrin is also bursting with pride for his former research partner. Speaking as a theorist, he says he is proud of how his work with Thaler generated new insights into the interaction between human emotion and human cognition, and also set the stage for the emergence of neuroeconomics, which focuses on how brain structure impacts economic decisions.

“The fact that the work which Dick and I did together led to a system for helping people save more, is a source of pride for me,” he says.

And a source of comfort for those it helps.

DEBORAH LOHSE is assistant director of media and internal communications at SCU. **PAUL BLOW** has illustrated work for *The Guardian*, *BusinessWeek*, *The Independent*, and others.



The Fire This Time

After the most destructive fires in California history, how do you grapple with all that’s lost? And how do you help others put their lives back together?

BY KERRY BENEFIELD

IN THOSE CHAOTIC and terrifying early-morning hours in October, as wildfires propelled by fierce Diablo winds whipped through Sonoma and Napa counties, **Graham Rutherford ’81** and **Katie Bipes ’17** watched helplessly from afar. News updates and social media posts showed pictures of places familiar and treasured now ablaze—or already gone.

When it was over, the wildfires would become the costliest in U.S. history. More than 6,100 homes were destroyed and forty people were killed. The fires were propelled with such ferocity—roaring fifty feet high over ridgelines, or their embers carried a mile ahead of the flames to start new fires—that sometimes people were awoken from sleep in the middle of the night with only minutes to escape. Sometimes they had no time at all.

Rutherford, the longtime principal at Cardinal Newman High School on Santa Rosa’s Old Redwood Highway, just east of Highway 101, was staying at Lake Tahoe that weekend with his wife, Lyn. He had turned his cell phone to silent overnight. When one of the couple’s sons got through to Lyn’s phone in the early morning hours of October 9, Rutherford finally looked at his own. It was exploding with messages: Cardinal Newman was on fire.

For Bipes, the realization was eerily similar.

“My friend texted me at 5 a.m. and I woke up to that text,” Bipes said. “She said Santa Rosa was on fire and everyone was evacuating.”

From her home in San Jose, she called her parents. They had evacuated their home in Santa Rosa’s Coffey Park neighborhood around 1:30 a.m. after a neighbor pounded on their door and warned of the approaching flames. She didn’t know it as she spoke with her parents, but at that hour her childhood home was already gone. A couple miles away, her high school alma mater was on fire, too; she graduated from Cardinal Newman in 2013.

Fear reigned for nearly a week in Santa Rosa. Evacuations were ordered and were lifted. Roads were closed. Roads that were open were jammed first with firefighting crews from around the state and later, the National Guard. Helicopters and airplanes, some carrying fire retardant, dotted the sky. But the damage inflicted by the deadly Tubbs fire, which began near Calistoga and swept down canyons into the city of Santa Rosa itself, was largely done before most people were awake the morning of Monday, October 9.

Graham Rutherford graduated from Cardinal Newman in 1977. He has been principal for 14 years and a teacher there for 35. An ex-football and baseball letterman with the asymmetrical fingers to prove it, the bespectacled Rutherford is omnipresent at all events Cardinal Newman.

With ties so deep, Rutherford, perhaps more than anyone at the school, was forced to balance the pain of the destruction with the need of the school community to move forward. He makes dark jokes about his own loss but strikes a different tone when talking about the future of the school and the commitment he made to bringing students back as soon as possible. He calls it a promise.

Arilyn Edwards turned 6 years old on Oct. 6, 2017. She got a cobalt blue bike for her birthday. A few days later, her family’s home burned to the ground. She likes to climb trees and catch lizards.

PHOTOGRAPHY BY GUY WATHEIN/SAN FRANCISCO CHRONICLE/POLARIS



In the early hours of October 9, he saw images of Willi's Wine Bar, directly across the street from campus, leveled by flames. Then he saw pictures of sections of the school alight. He feared the entire campus was gone.

"Seeing Willi's at 3 a.m.? That was like 'We are in trouble,'" he said. "That is just too close."

It was Tuesday before he could reach campus. He gained access on closed roads thanks to a Cardinal Newman coach who is also an employee of a utility company. With a white mask covering his mustache and much of his face, he walked the campus and viewed the scene from the roof of buildings still standing.

"I was stunned by how burnt down it was," he says. "But I was expecting it to be worse."

Gone was the administration building, including Rutherford's personal office. Gone was the library and significant pieces of school history. Gone were twenty classrooms. Four more classrooms were damaged beyond the point of being usable.

And as Rutherford tried to assess the damage to the campus that first opened to students in 1965, the grim tally of Cardinal Newman students who lost their homes continued to rise. In the end, 110 students—about a sixth of Cardinal Newman's student body—lost not only a significant portion of their school but their home as well.



Coffey Park was a close-knit neighborhood. Hundreds of homes burned in just a few hours.

Bipes, who studied civil engineering at SCU and now works in construction management, has known no other family home than the house on Randon Way. Her parents moved into the two-story house on the cul-de-sac in Coffey Park before she was born.

Coffey Park is a collection of one- and two-story homes nestled west of Highway 101 and east of the tracks that today carry daily SMART trains. It suffered the most concentrated destruction from the wind-whipped fires that jumped six lanes of freeway in the middle of the night. Spot fires torched buildings west of the highway, but when the flames reached homes west of Coffey Lane, entire neighborhoods—more than 1,300 homes—were razed in hours.

But Bipes knew none of this when she talked to her parents early Monday morning.

A two-sport athlete at Cardinal Newman who played three years on Santa Clara's nationally ranked club lacrosse team, Bipes wanted to return to Santa Rosa as soon as possible. But between her parents' concern for her safety and prohibitions against entering burn zones, Bipes wasn't able to return to her hometown for two weeks. When she did, what she found was shocking. She

had been glued to the news, had seen all of the images, even drone footage of places she was intimately familiar with. But driving in her parents' car past burned ruins of entire neighborhoods was unnerving.

And then they drove into Coffey Park and down Randon Way.

"Before I knew it, we were driving by and there it was, completely burned down," she says of her family home. "It really did look like a war zone. There is nothing there."

For Rutherford, taking stock of the personal loss of his office gave him perspective on how to help so many Cardinal Newman families who were left homeless by the fires.

His father's veteran's flag. His grandfather's diploma from the University of California at Berkeley. His own diploma from Santa Clara. His senior year football jersey. His Cardinal Newman letterman jacket. All gone.

"It was the stuff you tend to gather in life," he says.

The place these objects inhabited in his daily life was what gave them meaning. The mementos started conversations with visitors, sparked memories, and brought him peace.

"I'm going to miss the reflection that that office provided," he says. "I could push my chair back, I would feel calm as my eyes wandered around. It was the stuff that helped me remember things and reminded me of what I have learned," he says. "I'm going to have to count on my memory to help me now."

His bookshelves were crammed with old texts from his days as a student, and with photos and trinkets. His desk, which appeared a study in disarray to the casual observer, was a serviceable mess. At one end sat a 1930s-era Corona manual typewriter with one sheet of paper on the roller. On it were messages from his sons Edward and Giles, sometimes just a word or a short line. Though Edward graduated from Cardinal Newman in 2010 and Giles graduated five years later, that paper was still in Rutherford's old Corona. "If I wasn't there, they could leave me a message, just between us."

A few years ago, Katie Bipes moved out of her family home. Her older sister had already left the nest. But Bipes' parents remained reluctant to downsize and move elsewhere. They loved—and love—the Coffey Park neighborhood. Their friends were there. A lifetime of memories inhabited that house on Randon Way.

The Bipes family had hosted houseguests just before the fire. In preparation for the guests, Katie's parents had asked her to move many of her things to her own new place in San Jose. Consider it a fortuitous circumstance.

"I took almost everything out of my room," she says. "But I still left my yearbooks and my bookshelves and some smaller things, a lot of artwork."

When the Bipeses left Coffey Park in a rush early that Monday morning, they carried very few belongings with them.

"They honestly felt that they would come back to the house," Katie says. "We really thought our house would be OK."

Randon Way is a two-block street that runs north/south alongside the railroad tracks to the west, the border of Coffey Park. The Bipes home—sitting on the eastern flank of Randon Way—marks the final reach of that finger of the fire. A stone's throw to the north, homes stretch for blocks, untouched by the tragedy.

What was lost for the Bipeses were the collective family things: Christmas ornaments, childhood toys Katie's mother



His mother's cups: Brian Gilman went through the rubble of his mother's house in Santa Rosa and was able to recover only these antique family treasures.

was saving for grandkids someday, her mother's wedding dress, some important jewelry.

"All the memories, too," Katie says.

After the fire, Katie made trips up to Santa Rosa to help her parents sift through the ashes. That was a painful ordeal—and largely fruitless. Still, there was this: a ring that had belonged to her grandfather.

"My dad really wanted to find it," she says. "On his third or fourth time, he actually found the ring. It was pretty burned and you couldn't really tell what it was. But he was able to find it."

Rutherford says his personal loss has made him a better leader to help those coping with tragedy. He knows, in some small way, what so many of his students are going through.

"The burning down of my office gave me a taste of what it might be like for someone to lose a home," he says. "It helps me understand."

The rebuilding also helps.

Cardinal Newman staff and students had to endure temporary quarters for the school for months. There were contractors to hire, designs to pick, insurance issues to grapple with.

Students were separated from one another. For months, seniors met for class in the town of Cotati, about 13 miles south on Highway 101. Juniors were taught in Rohnert Park, next door. Sophomores were up in Windsor, six miles north of the Cardinal Newman campus. And freshmen were in Santa Rosa.

Students returned to campus on January 22. They found a school, like town itself, starkly different.

Homes on the eastern flank of the school are gone. One finger of the Tubbs fire came roaring down Mark West Springs Road, just above the school. The neighborhood street that marked the northern boundary of campus—razed.

"It feels like a graveyard," Rutherford says. "The chimneys are like tombstones."

But Cardinal Newman is not entirely alone. Alongside the campus, St. Rose Catholic School, where kids from kindergarten to the eighth grade study, is open once more.

Still, Rutherford says, "It's odd for us and St. Rose to be the only people in the neighborhood. Where did our neighborhood go?"

Standing at the front of the school where chain link fence demarcates yet another area of construction, Rutherford strikes a hopeful, but realistic, tone.

"We are a long way from where we want to be," he says.

But seeing kids on campus again is heartening.

"We are keeping a promise made," he says.

While Rutherford recognizes that he'll have to count on his memory rather than mementos in his new office to summon connections with the past, he will have a few things on display that survived the fire: two tea cups from China, a piece of granite etched with a Scottish thistle, and a mug given to him at the start of the school year by Cardinal Newman teacher John Contreras. On it is the inscription *Don't sweat the small stuff*.

"That is the message that survived," Rutherford says.

KERRY BENEFIELD writes for the *Santa Rosa Press Democrat*. She, too, lost her childhood home in the Tubbs fire.

A Hard Rain Fell

Hurricane Harvey poured 27 trillion gallons of rain on Texas. Jeremy Dunford MST '17 was in the center of the downpour. Then he helped clean up the mess.

BY JOHN NOVA LOMAX

JEREMY DUNFORD, A 2017 graduate of the Jesuit School of Theology, had just accepted a position as a theology teacher at Houston's Strake Jesuit College Preparatory and moved to Texas in July. Before August was out, he found himself amid North America's single-most devastating rain event in recorded history.

Even though Dunford hails from California (a state Texans erroneously believe is beset with near-constant earthquakes and wildfires), this was Dunford's first disaster. "I grew up in the Sacramento area," he says, "and we've been pretty far away from major earthquakes, and even with the wildfires in recent years, my family has always been pretty safe. But to move to Houston and just months later be hit with one of the worst natural disasters in history was a little unsettling."

Not to make light of its devastation or the physical, mental, and financial sufferings of its victims, but it can be said that Tropical Storm Harvey was likely the most tedious natural disaster in American history. It rained really hard, and then it rained even harder, and then it rained even harder, and just kept on doing so for days and days.

"Boring is a good way to put it," Dunford says. "There was no thunder or raging winds. It was just 'When is this going to stop? When will these clouds finally run out of water?' But it just kept coming down for five days."

If you're a veteran of Gulf Coast storms, as I am, you can't help but start to assess them in aesthetic terms. Take 2008's Hurricane Ike: It was downright operatic—in mere minutes Ike's mighty storm surge erased whole coastal communities from the map, inundated Galveston, and pushed hundreds of boats miles from their moorings. Heading inland, Ike tore off rooftops and ripped apart trees whose limbs and trunks snapped most of the power lines in the region, leaving millions of Texans without electricity for weeks or even months.

As a Cat 4 hurricane, Harvey came ashore on Texas' central Coastal Bend area with even more force than Ike, and towns like Rockport and Port Aransas suffered Ike-like devastation. By the time the storm made its right run toward the northeast, taking dead aim on Greater Houston's 6.5 million inhabitants, its fury had abated. But even though it had been downgraded to a mere tropical storm, its capacity for devastation was undiminished, though it was now of another sort. It had become a gargantuan doom-laden slow-moving freight train of rain bands that stretch the bounds of the spectrum of colors weather forecasters use to represent severity. Ike did not linger. Harvey most decidedly did, its monsoon downpours seemingly never-ending.

"Just looking out the window and seeing it never stop—that was one of the most disconcerting things," Dunford remembers. By the time the last rain band moved off to the east, and the last few drops of the storm's total of 27 trillion gallons—the

weight of which depressed the earth's crust by 2 centimeters—were falling elsewhere, it was clear that Strake's 1,100 young men would not be back at their desks anytime soon. With 10 to 15 percent of them displaced from their homes, it was decided to shut down for two weeks, in part to alleviate stress on the students and their parents, but also to free up the entire student body for volunteer work. Never has the school's mascot—the Crusader—been more apt.

"That was cool to see: an army of 1,100 guys out working in the community," Dunford says. "Some had lost their homes. They were still out there working, saying 'If I can't do much to help my own family, I want to help those who can be helped.'" Such is the Jesuit credo—Be men and women for others. "That's right," Dunford says. "That's what we do."

Dunford joined in himself. It is estimated that all or some of more than 100,000 Houston-area homes needed to be "mucked"—meaning knocking out drywall, pulling up floorboards and ripping out carpets, and hauling waterlogged mattresses and sofas out to the curb. It's arduous and unpleasant work; old mattresses steeped in floodwater reek to high heaven, and Houston is infamously hot and humid in September. But despite that, and despite Dunford's lack of experience in anything remotely related to this field, he enlisted in Houston's ad hoc Muck Marines.

Battlefield promotions came early and often. At his first house, Dunford watched closely a man who appeared to be utterly in command of the skills Dunford lacked. He asked him if he was a contractor by trade. No, the man said, this was his second house. And that was how it was all over Greater Houston: dentists, grocery sackers, office clerks, laid-off petroleum engineers, and even California-bred newly minted theology teachers—all learning on the job.

After working a few houses, Dunford found himself in the role of drill sergeant, imparting his skills to the next wave of green recruits. "I was able to tell people what to do, to assess damage, to see what had to go and what could be saved. It was a steep learning curve, but that was what happened."

Houstonians and Texans pride themselves on their toughness and the ability of the wildly ethnically diverse city to come together in the aftermath of disasters, and Dunford was very impressed seeing those traits in action. "It was just very special to see, and that is what has allowed them to make so much progress over the last five months."

Dunford was so happy to have been a part of it all, he says, and he feels like he has now been initiated into a new tribe.

"I felt like a real Texan after that," he says. "I was waiting to put on my Texas license plate on my car, and after Harvey—that was the time."

JOHN NOVA LOMAX is a senior editor with *Texas Monthly* and, we should note, a graduate of Strake Jesuit College Prep.

East Houston: Samaritans help push a boat with evacuees to high ground during the torrential rains brought by Harvey. Call it a hurricane or a tropical storm, it was unprecedented in North America.

PHOTOGRAPHY BY ADREES LATIF/REUTERS



After Irma: Immokalee, Florida, a rural migrant worker town southeast of Fort Myers that was especially hard hit by the hurricane. Electricity was out, flooding extensive.

PHOTOGRAPHY BY SPENCER PLATT/GETTY IMAGES

AFTERMATH OF DISASTER

Category Five

Hurricane Irma was the worst storm to hit the continental United States since Katrina. Kelsey Rondini '16 studied public health, and it's her job to track diseases. Now it was time to help people in crisis.

BY MATT MORGAN

KELSEY RONDINI '16 surveyed her apartment to decide what would come with her and what had to stay. Her electronics were already triple-wrapped in Saran wrap and dropped in garbage bags; she hoped—perhaps naively—it might keep them safe in the flooding of a Category 5 storm.

What was left was a collection of trinkets and memories that would likely not survive the storm. Rondini is a calm person—especially for her age. But she couldn't keep her mind from jumping to the what-ifs. What if a tree fell on her car? What if her apartment was destroyed? What if all her memories were washed away in a flood? This was her first hurricane. She didn't quite know what to expect. Her mother assured her those were just *things* and replaceable. As long as she was OK, that's all that mattered.

Rondini realized that anything she left behind might not be there when she returned. She asked herself: "What's so important that I would be devastated if it was gone?"

Instinctively, she scooped up a couple pictures, some important documents—passport, birth certificate, Social Security card—and her laptop. She hopped in her car and headed to a shelter—to work.

In Florida, you want to be on the west side of the eye of a storm. And up until Friday, September 8, Rondini had been. After graduating from SCU, she moved to Tampa Bay for a job as a public health advisor for the Florida Department of Health in Polk County. It's part of the Centers of Disease Control and Prevention's Public Health Associate Program. Hurricane Irma was supposed to miss Tampa, but it drifted west Friday and was tracking toward the city.

During times of crisis, public health workers put the safety of others ahead of themselves. Rondini helped set up a specialty care clinic at the health department in Bartow, Florida, on Saturday. Within a couple hours, cots were lined up in rooms and hallways to support 400 special-needs patients from the community who needed electricity to power oxygen tanks or keep insulin refrigerated.

Rondini walked the halls to distribute food and help people use the restroom, when needed. People were tired. Many had been up for days. The air conditioning worked, but lights in some areas of the shelter couldn't be turned off, making sleep difficult. Rondini did what she could—sometimes that meant coffee. At one point she brewed 250 cups over a six-hour period. Other times, she just listened.

Public health workers constructed makeshift shutters to go over the sliding doors, keeping the storm out. Of course, once the shutters were closed at 8 p.m. on Sunday, no one could leave until morning. "That exact moment was the moment when we knew we're closed, we're hunkering down and waiting for this hurricane to hit," Rondini says.

BLUE SKIES, YELLOW MENU

After the storm, Rondini and her co-workers opened the shutters to reveal the damage. She expected to see flooding, like she'd seen in Houston, but didn't. Fortunately, the storm that had reached wind speeds of 185 mph elsewhere had veered east and largely spared Tampa. Trees were down, debris was everywhere, but buildings remained.

The shelter doors were open, but Rondini continued working as people remained in the shelter. She recalls one couple in their 60s who couldn't believe she was still around when her shift hit the 50-hour mark.

When she got the go-ahead to return home, Rondini drove to her apartment to find no damage. She was thankful, and wiser. When she was forced to choose what was important, she realized how much she could do without.

That night, she and her roommate ate at Waffle House, where she learned about the Waffle House Index for gauging the severity of a natural disaster. Green means Waffle House is serving a full menu. Yellow—open but with a special menu. Red means the Waffle House is closed. But Waffle House rarely closes. The Waffle House in Tampa was on yellow. Rondini had the All-Star breakfast: eggs, sausage, toast, a waffle, hash browns, and a sweet tea. The restaurant was packed. Rondini and her roommate sat at the bar, enjoying semi-air-conditioned air. Phones were charged for the first time in days. Life was starting to feel normal.

The weeks following a natural disaster is when work ramps up for the Department of Public Health. Rondini works in the reportable disease unit, tracking trends in diseases. Post-Irma, there were about 55 cases of carbon monoxide poisoning exposure in her area. Part of her job is to find out why. "Unfortunately, a lot of it was improper use of a generator," Rondini says. "Having it too close to the house." From there, Rondini helps decide if her group can put together a PR campaign or work with generator manufacturers to make sure the warnings are clearly displayed.

Florida itself is largely back to normal. A month after Irma, Rondini traveled to Key West. She was relieved that the damage wasn't worse.

Months later, Rondini still finds the experience surreal. She knows she's in the right field. She has gained an appreciation for how vital community is to surviving natural disasters—from volunteers to cleanup crews. Everyone is in it together. "This was a side of public health I hadn't seen in action," she says, "but I am so glad I had my team and am quite proud of the work we have done."

MATT MORGAN is the associate editor of this magazine.

The Earth Beneath Your Feet

An earthquake strikes Mexico City. When the shaking stops, what next?

If you're ok, grab boots and helmet and help those who aren't.

BY MATT MORGAN

PEDRO HERNÁNDEZ-RAMOS WITNESSED the quake from afar, though he knew his family was in the thick of it in Mexico City. On his computer screen in Santa Clara, images and video of the damage of the earthquake rolled in: the lurch and collapse of buildings, the fear on faces and terror in voices as the earth roared. In the newsroom of the newspaper *Milenio*, a cell phone video caught the room achurn as staff dived under desks. “Windows start popping, and you can see that they have those X-trusses, to reinforce the building, and still, bookshelves start coming down, computers falling off the desks,” Hernández-Ramos says.

The 7.1-magnitude quake hit just after 1 p.m. on September 19—a Thursday—with an epicenter in the city of Puebla, southeast of Mexico City. The shaking lasted about 20 seconds, toppling scores of buildings in the capital and hitting towns and villages outside the city even harder, killing 361 people. The earthquake came just 12 days after an 8.1-magnitude quake centered off the coast of Chiapas killed 98 people in what was the most powerful earthquake in a century. The September 19 quake also hit on the 32nd anniversary of an 8.0 magnitude earthquake that shook Mexico City in 1985. That devastating quake took 10,000 lives. Hernández-Ramos lived in Mexico City from 1975–80, surviving several quakes including one in 1979, when the only major structure to collapse was at the Jesuit university in Mexico City. Today he is an associate professor in the School of Education and Counseling Psychology at Santa Clara. But his family still lives in Mexico.

His brother, Santiago Hernández-Ramos, is an architect in Mexico City. He was at his office in the Lomas neighborhood when the earthquake hit. His kids were at school—which wasn't damaged. (Elsewhere, another elementary school collapsed, killing children inside.) His wife was at home in Colonia Del Valle, a few miles southeast. Six blocks away from his house, an apartment building tumbled. Eight blocks in another direction, a large apartment building fell. Streets were blocked off, which made driving impossible. Santiago made the two-hour trek home on foot to make sure his family members were OK. They were.

NOT GIVEN NAMES

Earthquakes are not given names like hurricanes. There's little warning. They strike—for agonizing seconds—then stop. Then the aftershocks. “They literally make you feel that the ground under you is not safe,” Pedro Hernández-Ramos says. “It is profoundly disquieting to be on stable

ground, and then in a matter of fractions of second, you start moving.”

Mexico City was built on a lake bed. The ground beneath is soft and wet, susceptible to liquefaction—essentially dirt becoming liquid. After the devastating 1985 quake, new regulations ensured buildings could better withstand earthquakes. Quake preparedness drills are held each year on September 19, the anniversary of the 1985 quake. The 2017 quake occurred just hours after the drills had finished.

The timing was ironic but fortunate. People were ready to help, and they started right away. Even something as simple as taking the password off Wi-Fi networks so others could latch on and connect with loved ones is standard practice. Anything you can do to help, you do.

BOOTS, HELMETS, VEST

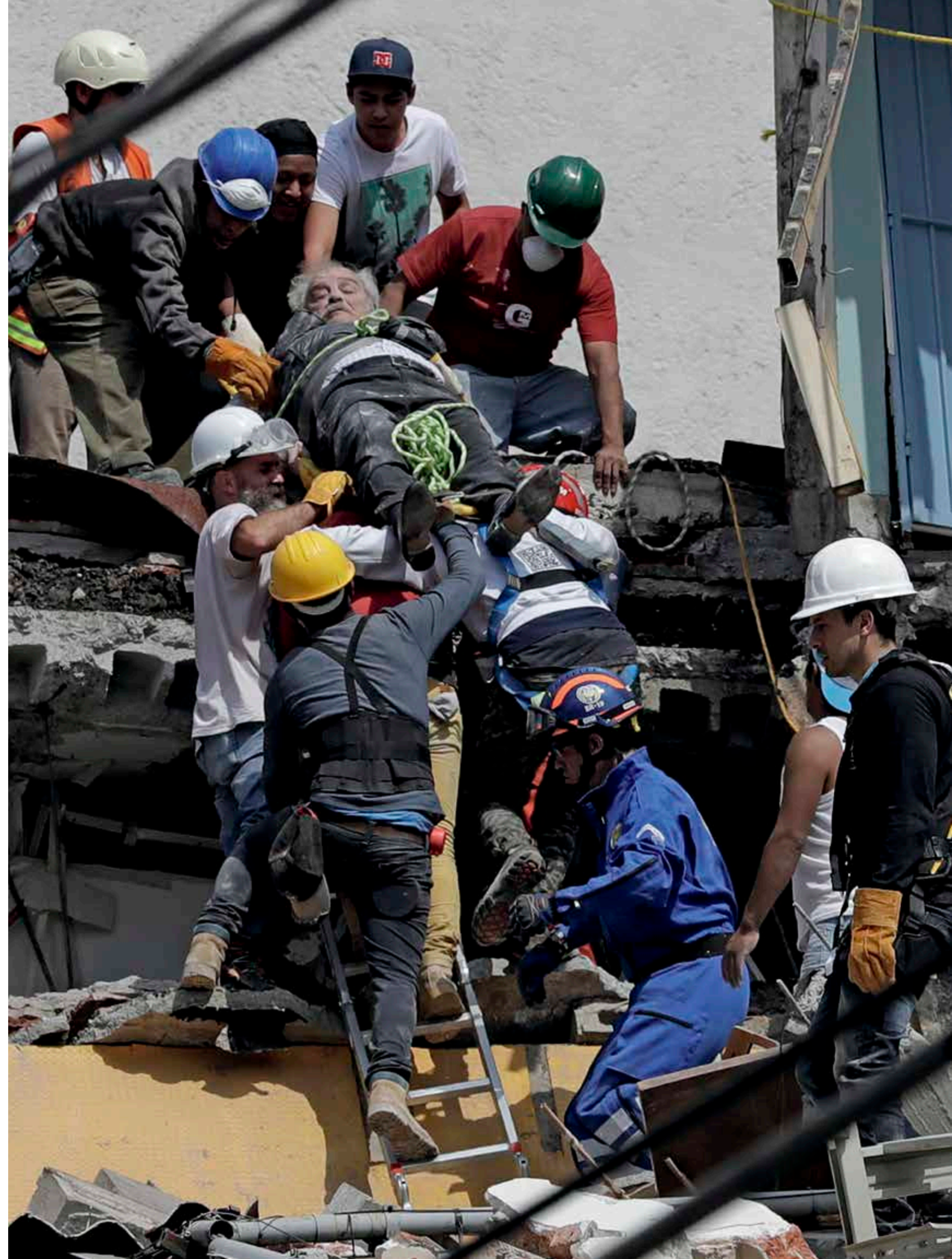
After checking in with his family, Santiago grabbed his work boots and construction helmet and walked to the nearest collapsed building to assist with recovery efforts. He wasn't alone. There was a line of volunteers and a checklist: Do you have boots, helmet, a safety vest? If so, write your name, blood type, and the phone number of an emergency contact—and start moving debris. “It was incredibly efficient, everybody was deeply concentrated, it was like a very fast-moving production line,” Pedro Hernández-Ramos says. “You could not allow yourself to be distracted for even one second, because the stuff was coming so quickly.”

Nationally, people rallied around Mexico City. The Telmex Foundation, which is related to the Telmex phone company, set up two numbers to collect donations. Telmex pledged to match donations five to one. Petitions circulated demanding political parties in Mexico, which receive federal funding for campaigns, voluntarily surrender the money for the 2018 national elections, to help with relief. A few did. Some quibbled about where the money would go, citing the ubiquitous corruption that afflicts the country. The September 19 earthquake hit the regions of Chiapas and Oaxaca hard—after they had been devastated by the quake just twelve days earlier. But even there, there was a strong spirit of community. Pedro Hernández-Ramos recalls seeing a photo of an elderly woman approaching a collection center with a bag of food. “She's dressed very humbly, she has no shoes,” he says, “and she's in the act of giving the bag to the people. Whatever you have, you give.”

MATT MORGAN is the associate editor of this magazine.

Rescue in the Roma Norte neighborhood of Mexico City. The quake hit on September 19, 2017, the anniversary of a devastating 1985 earthquake.

PHOTOGRAPHY BY REBECCA BLACKWELL/AP PHOTO



Grounds for Detention

Asylum seekers, victims of human trafficking, and veterans are among those **Christina Fialho '06, J.D. '12** tries to help in her day-to-day work. All are detained immigrants.

BY KATIA SAVCHUK

ILLUSTRATIONS BY EDEL RODRIGUEZ

ON A FRIDAY afternoon in late October, **Christina Fialho '06, J.D. '12** stood in front of Adelanto Detention Facility, two hours northeast of Los Angeles. From the outside, the squat, khaki-colored building with terra-cotta tile over the entrance could be mistaken for a nursing home or office park. In front, three flags jutted into the sky at equal heights: one for the United States, one for California, and one depicting horizontal stripes of blue, white, and green with the word *GEO*, the *O* circling a globe—emblem of the country's largest private prison company.

Fialho mounted a wooden platform perched in a sandy lot across the road. A petite woman with piercing blue eyes and auburn hair, she wore a fitted black jacket, blue jeans, and cream-colored wedges. A low sun cast shadows in the surrounding desert shrubs. A cluster of reporters from the *Los Angeles Times*, *Rolling Stone*, CBS, and other outlets had come to town for a press conference Fialho had helped organize. They trained their cameras and tape recorders on her.

"Every day, people in our communities are disappearing and being imprisoned in these facilities," she began, her back to the prison. "They include asylum seekers, victims of human trafficking, legal permanent residents, and even veterans of our U.S. wars ... For example, GEO Group runs the largest adult immigrant prison in the country, right here in Adelanto."

Unfazed by the trucks rattling behind her, Fialho explained that the 1,700 or so immigrants held there were among 40,000 or so incarcerated nationwide. They weren't serving criminal sentences. They were locked up while fighting removal. "This has to end," she said, enunciating every word for emphasis.

At 34, Fialho has spent the last seven years fighting to abolish immigration detention, a system that locks up people awaiting decisions in immigration cases—not serving time for crimes—in jails and prisons. Because immigrants are technically in civil detention, unlike criminal defendants, they are not entitled to an attorney. Fialho's goal is to replace the system, which costs taxpayers billions of dollars a year, with community-based alternatives—and in

the meantime, to improve conditions for those inside. As a law student at Santa Clara University, she started one of the country's first visitation programs for incarcerated immigrants. After graduating six years ago, she decided that, rather than become an immigration attorney, she would cofound CIVIC, which stands for Community Initiatives for Visiting Immigrants in Confinement. The nonprofit oversees the country's only network of visitation programs in detention facilities and operates the largest independent free hotline for detainees. CIVIC's on-the-ground presence has allowed the group to document abuses, file federal complaints, and push through legislative reforms. (The organization also just changed its name; more on that later.)

Adelanto has been a key battleground. In 2013, the prison temporarily shut down a newly launched visitation program two days after Fialho wrote an op-ed in the *Huffington Post* questioning oversight and training at private immigration detention facilities. The following year, CIVIC launched a campaign called "Defund Detention in Adelanto," arguing that the city of Adelanto focused on expanding private prisons at the expense of opening needed schools. Early on, some locals called Fialho a "terrorist" in online comments. But the campaign was successful: GEO Group and another large private prison company, Corrections Corporation of America (now known, ironically, as CoreCivic), abandoned plans to expand in Adelanto. Later, CIVIC publicized a hunger strike among twenty detainees calling for better medical care, food, and treatment, and CIVIC participated in a protest after three inmates died. In a report with Detention Watch Network in 2015, CIVIC documented cases of medical neglect, physical abuse, and religious freedom violations, including Muslim detainees who said they were barred from gathering for Friday prayers and were thrown in solitary confinement for praying quietly. Earlier in 2017, the organization filed a federal civil rights complaint noting that Adelanto was among the top five facilities where inmates reported sexual or physical assault, with one complaint for every 53 people.





Now Fialho was back in Adelanto. She had organized a press conference and concert with a pair of local immigrant rights groups, with two goals in mind. The first was lexical: to change the sanitized language used to describe facilities that incarcerate immigrants. She announced an online petition launched by two men who had been detained in private prisons: Sylvester Owino, who spent more than nine years behind bars while applying for asylum, and Carlos Hidalgo, who was imprisoned for a year and a half. Instead of referring to “detention facilities,” “[we’re] calling on news agencies to call these facilities what they really are: immigrant prisons,” Fialho said.

Her second goal struck a more positive note: “I want to turn this into somewhat of a celebration right now to celebrate the passage of the Dignity Not Detention Act, which basically ends for-profit immigration detention expansion in California,” she said. The law had been signed just a few weeks before.

Known as SB 29 and co-sponsored by CIVIC, the law is the first in the country to stop cities and counties from signing new contracts or expanding existing ones with for-profit prisons to detain immigrants. A few months earlier, CIVIC successfully lobbied for a provision in the state budget bill to bar municipalities from initiating or expanding contracts with U.S. Immigration and Customs Enforcement for immigration detention. The law also requires the state attorney general to audit public and private facilities housing immigrants.

The reforms were a major victory for CIVIC. At the press conference, Fialho invited Latin rock pioneer Ceci Bastida and members of Grammy-nominated hip-hop group Los Rakas to say a few words. Then came R&B superstar

Miguel, wearing sunglasses and a silver, fur-trimmed trench coat. “I’m here to be educated more and hopefully help educate anyone who’s paying attention,” he said.

Later in the day, actress Dianne Guerrero sent in a video message expressing support. CIVIC had never attracted such high-profile supporters.

“This is really emotional for me,” Fialho concluded. “When we started organizing against this facility, I could never have imagined all these people coming out to truly fight.”

JUST VISITING

Fialho’s interest in immigration started with her own family history. Her great-grandfather emigrated to Oakland, California, from Portugal after Congress passed legislation in 1958 welcoming refugees from an Azorean island devastated by a volcanic eruption. Her grandfather and father followed on family-based green cards. Her maternal grandfather emigrated from Madeira, a Portuguese island in the North Atlantic. Fialho grew up with her parents and brother in Oakland, Union City, and Arroyo Grande, a small town on the Central Coast.

It wasn’t until college that she decided to make immigrant rights a career. At Santa Clara University, she double-majored in English and philosophy with an emphasis in law and was a student teacher in a course on medieval studies and theology foundations. In her first year as an undergrad, she began volunteering at the Julian Street Inn, a homeless shelter in San Jose, through the Santa Clara Community Action Program. She continued volunteering there as a sophomore through an Arrupe placement, under the aegis of the Ignatian Center for Jesuit Education, and cofounded a talent show for residents and university students. Through her

work, she got to know a resident who was a refugee from Sri Lanka. He had been born in the same year as Fialho’s father and had immigrated in the same year, but he had ended up in a homeless shelter, while her father had earned a business degree and started multiple companies. “That made a big impact on me,” Fialho said. “I realized that the immigration system is not equal for everyone.”

That experience inspired Fialho to spend a summer interning with Catholic Charities of Santa Clara’s refugee resettlement program, also with support from a grant through SCU’s Ignatian Center. She worked primarily with a woman who had fled civil war in Liberia. The UN Refugee Agency had approved the woman for resettlement to the U.S. but, inexplicably, not her teenaged children. Fialho helped the woman successfully trace her children through the American Red Cross and petition the UN to allow her children to join her. In Fialho’s junior year, she won a scholarship to study at Oxford University, where she joined a student-led group that tutored immigrants from India and Pakistan in English.

In her last year at SCU, Fialho helped develop and teach a two-unit course called Ethics and Globalization as a Hackworth Fellow at the Markkula Center for Applied Ethics. “She was rightfully raising questions about the importance of engaging ethics with a constant awareness of the global context,” notes **David DeCosse**, director of campus ethics programs, who worked with Fialho on the curriculum. “She has always had a gift of seeing ethics as something that matters to real human beings.”

After graduating from college in 2006, Fialho was determined to become an immigration attorney. She got a job as a paralegal for an immigration defense firm and then worked for Upwardly Global, a San Francisco-based organization that helps highly skilled immigrants find jobs. In 2009, she started law school back at SCU. (Fialho met the man who became her husband, **J.P. Rose ’06, J.D. ’12**, when they were sophomores in college, and he enrolled at SCU’s law school the same year. He is now a staff attorney at the nonprofit Center for Biological Diversity. Fialho’s brother, **Erik Fialho ’12**, graduated with a degree in economics and management from SCU.)

Fialho learned more about immigration detention in her first year of law school, while helping to plan a protest against **Janet Napolitano ’79**, an alumna who had returned to speak in fall 2009 as secretary of Homeland Security, heading up the agency charged with overseeing immigration enforcement. While organizing the protest, Fialho met a young woman whose home had been raided by Immigration and Customs Enforcement. ICE agents had taken the woman’s father, and she couldn’t find him. He only called her after he had been deported, after signing a paper he didn’t understand in a private prison.

“What happened to her was horrifying,” Fialho said.

She began focusing on the issue full-force, founding the law school’s chapter of the American Immigration Lawyers Association, organizing a speaker series on immigration detention at the law school, and spending a summer in Geneva, Switzerland, interning at the Global Detention Project.

Fialho also discovered that the United

She met a refugee from Sri Lanka born the same year as her refugee father. The man ended up in a homeless shelter, while her father started multiple companies.

States hadn’t always imprisoned immigrants en masse. Until the 1980s, relatively few immigrants were detained, with the exception of Ellis and Angel islands, and the internment of Japanese-Americans during World War II. The big change came in the 1980s, when two private prison companies formed: Corrections Corporation of America in 1983 and GEO Group in 1984. Thanks to aggressive lobbying and legislative changes, the population of detained immigrants expanded drastically during the Clinton administration in the 1990s, in tandem with a general expansion of mass incarceration. Congress hasn’t attempted wide-ranging immigration reform since 1986.

The sheer number of detained immigrants—40,000 at any given time now—matters profoundly, notes SCU Professor of Law **David Bell**, who taught Fialho in law school and is co-chair of the American Bar Association’s corrections committee. “You have a concentrated group of interests that make money from growing immigration detention: private prison companies and local jails administered by sheriffs,” he notes. “On the other side, you have a politically disenfranchised group that literally can’t vote and has few economic resources, as well as language barriers,





political access barriers, and fears about speaking up. Facilities are balancing their books by housing immigrants, so there's this perverse profit incentive."

As Fialho learned in 2009, the system often lacked transparency. No comprehensive public list of detention centers existed, and people on the outside had no easy way to find out where a loved one was held. The vast majority of detainees lacked attorneys, and the media wasn't focused on the issue.

By the time Fialho returned from Switzerland to begin her second year of law school, she was set on starting a formal visitation program for detained immigrants in the Bay Area. At the time, only three such programs existed in the country, and none were in California. The program wasn't for family members, who could come during regular visiting hours. Rather, community volunteers would provide a link to the outside world for those without contacts: connect people in immigration detention with critical services and keep tabs on any abuses. Through a national network of anti-detention advocates, Fialho discovered that Christina Mansfield, a graduate student in cultural anthropology at the California Institute of Integral Studies in San Francisco, had the same idea. Over Skype, the two hammered out their vision for launching a program at West County Detention Facility in Richmond, California—about an hour northeast of San Francisco, and the closest place that held

immigrants. Fialho started volunteering in the facility with UC Davis Law School's immigrant rights clinic and helped run weekly "Know Your Rights" presentations. Nearly a year passed before ICE and county officials approved the visitation program.

The first detainee Fialho met confirmed her conviction that such programs were essential. She was a Brazilian woman in her thirties who had been trafficked into the United States and forced into prostitution in Oakland. After three years, she ran away from her captors; police found her, but because she had no documentation, they turned her over to ICE. She had been in jail for over a year. Fialho connected the woman with a pro bono attorney who ultimately helped her obtain a visa designated for victims of human trafficking. Fialho also helped the woman contact her daughter in Brazil and access services for human trafficking survivors. But her biggest contribution was just being there.

"There was a time she just wanted to be silent, and we just held our hands across the Plexiglas," Fialho said. "That need and human instinct to be connected with others is so much more visible in this system where people are isolated and completely disconnected from the world."

People around the country started reaching out to Fialho and Mansfield asking for advice about starting their own visitation programs. By the time Fialho graduated from law school in May 2012, programs had launched at 16 facilities. The women realized there was a need to form a national coalition to oversee the movement. Thanks to fellowships from Echoing Green, an organization that funds social entrepreneurs, Fialho and Mansfield launched CIVIC in July 2012.

She recognizes the immense need for lawyers in the system—where 84 percent of people are unrepresented. But she felt she could achieve systemic change by founding a national organization. "I could just see the power of these programs, not only in allowing for more coordinated community organizing but also in providing a place for people who aren't attorneys or policy wonks to effect change in the immigration detention system," she said.

Another change that came in 2013: Former Secretary of Homeland Security Janet Napolitano began serving as president of the University of California system—and quickly became a high-profile advocate for undocumented students. She convened a national summit on the issue and established a \$5 million fund to assist undocumented students attending UC schools.

ACROSS THE PLEXIGLAS

Two weeks before the Adelanto event, around lunchtime on October 6, six volunteers gathered in the lobby of the West County Detention Facility, a complex of beige, brick buildings perched on the shoreline above San Pablo Bay. Nearly 200 immigrants are detained in the minimum-security jail. The volunteers included five women and one man, all in their fifties or older, primarily retired professionals. Wearing "Hello, my name is" stickers, they stood around chatting or sat in '80s-style lumpy purple armchairs. They carried only notepads and information sheets; everything else had to be stashed in coin-operated lockers. Signs posted on the wall reminded visitors of the rules: *Shoes and shirts are mandatory. No jackets, shorts, or miniskirts. No gang clothing.*

Six years after Fialho founded CIVIC's first visitation program here, it is alive and well. Fialho, who now lives in Los Angeles, no longer runs the Richmond visitation program herself. Instead, Rebecca Merton, a young woman with blond hair pulled back in a messy bun, brings up to

fifteen volunteers to the medium-security jail for a one-and-a-half-hour visit each Friday. The volunteers include a fair share of retired people, but also students, members of faith communities, and even former detainees. Before volunteering, everyone must sit through a jail-run safety presentation that warns against developing a "friendly sympathetic relationship" with inmates, who "want you to see them as a ... 'regular person.'"

A guard summoned the volunteers to walk through a metal detector. Without explanation, he told them they could bring pens this week, instead of relying on the usual handout of library-style pencils. They rushed to their lockers to stock up. The guard led them down a hallway to the visitation room. In the center, some two dozen men in neon green jumpsuits crowded into a large glass pen, not unlike those displaying animals at a zoo. The volunteers sat down at numbered windows on the perimeter. Some held up papers identifying themselves as Spanish speakers.

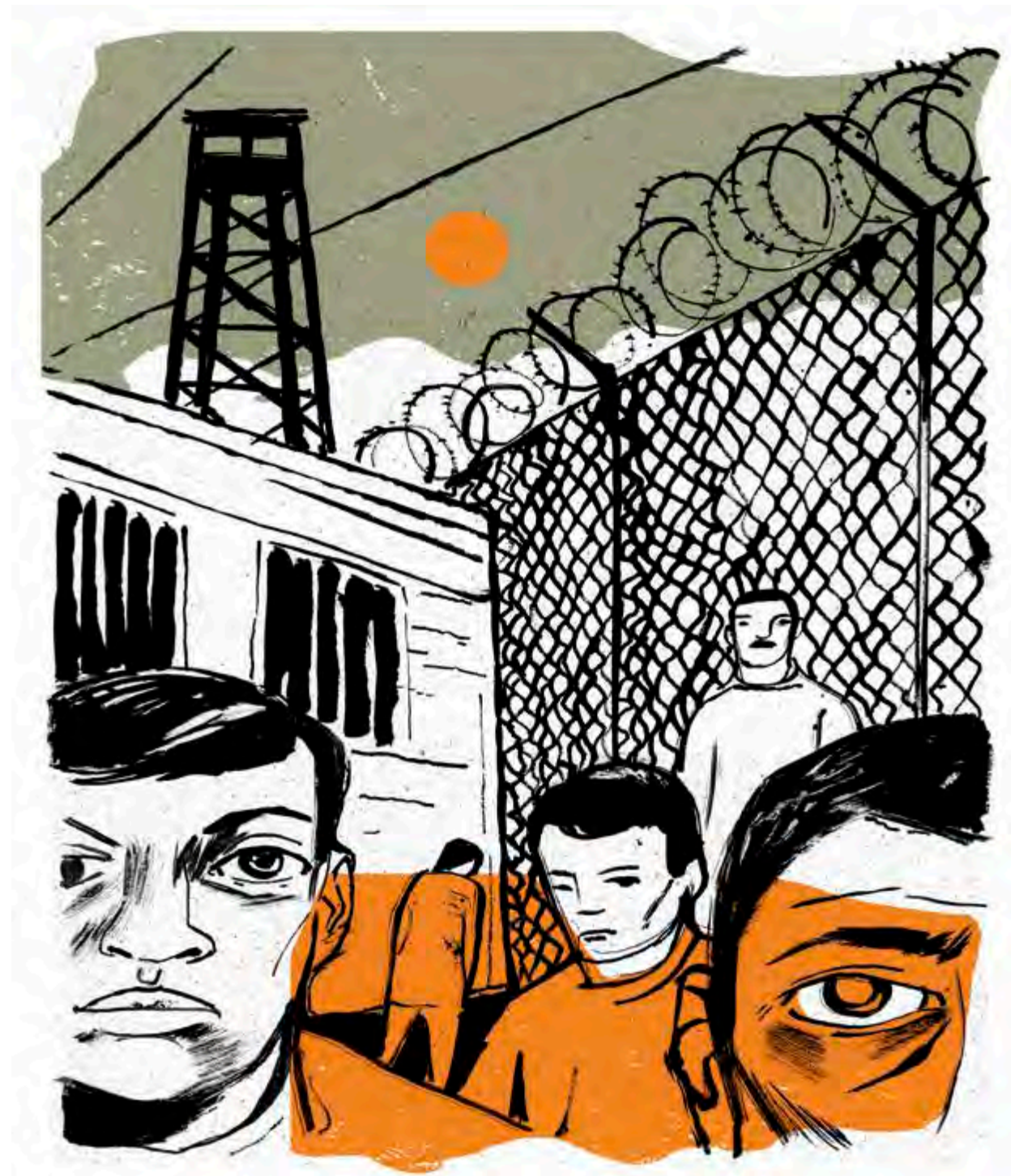
David Johnston, a retired history teacher, picked up the phone booth-style receiver at Window 28. On the other side was Justine Nnaemeka Esomonu, a 30-year-old man

from Nigeria he had met once before. Esomonu has closely cropped hair, curly lashes, and a broad smile. He says he trained as a nurse and arrived in the United States five months earlier from Australia on a two-year visa, but was turned away at the border. He requested asylum, he says, since his family of Christian farmers had been targeted by Fulani herdsmen in Nigeria's Benue state.

"Hello, good to see you!" said Johnston, a grandfatherly figure in a blue corduroy jacket and thick glasses. Esomonu thanked Johnston for sending a book he had requested, *You Can If You Think You Can* by Norman Vincent Peale, an evangelist of positive thinking.

"It's really inspiring to me," Esomonu said.

The pair turned to business. Johnston updated Esomonu on two contacts he had reached out to. He promised to call the public interest lawyer Esomonu hoped would take his case. CIVIC volunteers had already helped Esomonu contact his wife in Australia and his sister in Nigeria, who hadn't known whether he was alive. CIVIC also helped Esomonu find a church minister willing to sponsor him to increase his chances of getting out on bond.



"There was a time that she just wanted to be silent, and we just held our hands across the Plexiglas. That need ... to be connected with others ..."

The visitation program is much more than a feel-good project. Volunteers are almost de facto social workers, helping people find pro bono lawyers, gathering records for cases, contacting relatives, and even making small one-time deposits to commissary accounts. These tasks can be insurmountable for detainees, who aren't allowed to call or send mail internationally and face expensive fees for domestic calls. Of course, the emotional support matters, too.

"CIVIC has helped me keep my spirits up to this point," Esomonu told me. "I don't have family or friends here. CIVIC has been the family I have."

After an hour or so, guards led the detained men away, and a dozen women took their place. Sheny Esquivel-Arevalo, a 29-year-old woman with wavy hair and well-groomed eyebrows, sat down across from Johnston. It was the third time they had met. She had come to the United States when she was 14 years old and had a preschool-aged daughter of her own. ICE had detained her as she was coming from work at a lettuce-packing plant in Hollister, California, at 4 a.m. Johnston asked her about her daughter, about her lawyer, about why she thought ICE had targeted her. He took notes on a form CIVIC uses to collect information from detainees willing to share their stories. The young woman said she didn't want to provide any more details—she was scared.

"Would you like another book?" Johnston asked.

She requested a Spanish-language prayer book.

"I don't really know how to pray," she said. "There's nothing more that I can do. It's the best thing I can do here."

NUMBERS, MAPS, STORIES

Based out of a church in South Central Los Angeles, CIVIC now has seven full-time and two part-time employees and a new office in Oakland. Since 2012, its network has grown to encompass visitation programs in 43 of the largest facilities in 19 states, from California to Florida, from Texas to Minnesota. Collectively, volunteers make 54,000 visits each year. The organization manages a few programs directly, but most are autonomous, led by community groups, nonprofits, or individuals. CIVIC supports people who want to start new programs, shares resources and best practices with affiliates, and organizes an annual retreat for leaders. It also helps them overcome roadblocks. Over the years, authorities have temporarily blocked access for visitation programs in nine facilities after CIVIC spoke out about conditions inside. Approximately 150 facilities, including many located in remote areas, don't yet have visitation programs. To reach immigrants there, two years ago CIVIC launched a free national hotline that routes to volunteers' phones. People call to lodge complaints, ask CIVIC to contact loved ones or services, or just to talk. Those looking for a prolonged connection get referred to volunteers

who have signed up for a pen pal program. Since Donald Trump's inauguration as president, the number of monthly calls the hotline receives has doubled to 14,000.

"I think it speaks to the fear that people in immigration detention have," Fialho said, "but also to their desire to let the outside world know what is happening behind closed doors."

CIVIC also maintains the most up-to-date map of detention facilities available and shares immigrants' voices through storytelling projects.

Two years ago, CIVIC began tracking and consolidating information volunteers learn during visits and calls: how people were detained, their family history, how their cases evolve, conditions in facilities, and more. When a pattern of violations surfaces, the organization investigates and files federal complaints, issues reports with partner organizations, or lobbies for legislative changes.

"We're the eyes and ears of the immigration detention system," Fialho said.

In April 2017, CIVIC filed a federal civil rights complaint noting that the government had investigated fewer than 3 percent of more than 1,000 reports of sexual abuse filed by detainees in a two-year period. The following month, the organization issued a report with Human Rights Watch concluding that 16 of 18 people who had died in detention between 2012 and 2015 received substandard medical care. CIVIC's civil rights complaint about medical neglect in New Jersey's Hudson County Correctional Facility last year led to the creation of the first medical oversight committee in the immigration detention system.

Before the 2016 election, Fialho sensed momentum building in their work. The Department of Justice had announced it would phase out private prisons. CIVIC was experimenting with alternatives to incarceration, piloting a volunteer-based program based on the refugee resettlement model for asylum seekers at West County Detention Facility. In its first 18 months, the program helped 286 people obtain release. CIVIC informally coordinates 22 similar programs around the country.

The past 18 months have brought some big changes, though. Private prison corporations saw larger stock gains than any other companies after Election Day. Immigration arrests were up 40 percent in early 2017 compared to the previous year, and more asylum seekers are being denied bond and parole.

Yet Fialho remains optimistic. In December 2016, a non-partisan Homeland Security Department advisory council rejected a report "the conclusion that reliance on private prisons should, or inevitably must, continue." In August 2017, Rep. Pramila Jayapal, who represents Washington, D.C., in Congress, introduced a federal budget amendment that would block the use of taxpayer dollars to expand detention facilities. In October, she and Rep. Adam Smith, who also represents the capital, introduced the Dignity for Detained Immigrants Act, which would end the use of private detention facilities and repeal mandatory detention of certain categories of immigrants. Media outlets are paying more attention than they did five years ago. And CIVIC is advising the city of Santa Ana, California, on how it can repurpose its jail, which previously detained immigrants, to house the first publicly funded program providing a community-based alternative to immigration detention.

"What gives me hope is how quickly things can change from one day to the next, as they did in November 2016," Fialho said. "I believe the same thing can happen again in the opposite direction."

MAKE IT RAIN

After the October press conference at the prison, Fialho drove a couple miles to Adelanto Stadium, home of the High Desert Yardbirds baseball team and the High Desert Fury men's and women's soccer clubs. CIVIC and partners were holding a concert with funding from The California Endowment. A phone booth near the entrance played recorded voices of detainees. Overlooking the field, a black-and-white billboard proclaimed *#schoolsnotprisons*. A vending machine replicated prices prisons charge inmates—who are paid \$1 a day for work—for food and necessities: \$5.36 for a pouch of tuna, \$3 for deodorant.

Fialho fluttered around, talking to colleagues and former detainees she had invited to speak, including Owino and

Access for visitation programs has temporarily been blocked in nine facilities after CIVIC spoke out about conditions inside.

Hidalgo. She delivered a drawing that a detainee had given her to a booth above the stands displaying art: It showed a girl with braided hair and a pink backpack, gazing at a rainbow from behind thick brown bars. Despite the stress of planning a large event and speaking in public twice in one day, Fialho remained infallibly composed and sunny.

"She's kind of my hero," said Mansfield, Fialho's cofounder and co-executive director. "She's totally fearless and cannot stand for any kind of injustice."

As the sky darkened, more than 1,000 people crowded onto Adelanto's baseball field despite a bone-chilling high-desert wind. They helped themselves to free tacos and hot dogs and bounced along to the music of Ceci Bastida, Los Rakas, and Buyepongo, artists who would never typically stop in Adelanto. Between sets, Fialho, Mansfield, and other immigrant advocates took the stage, urging attendees to sign petitions and advocate for alternatives to detention. The audience squealed when Miguel delivered the finale, debuting a song from his new album and promising to continue speaking out about immigration detention.

A month later, he did—beyond Fialho's wildest expectations. On November 30, 2017, Miguel put out the official music video for "Now," a song from his fourth album, *War & Leisure*, released the following day. Unbeknownst to Fialho, the entire video was composed of footage from Miguel's appearance in Adelanto: shots of the prison, Owino and Hidalgo speaking, locals holding *#schoolsnotprisons* signs. Fialho makes an unwitting cameo herself, her message louder than she ever dreamed when she started a single visitation program seven years ago. *Build your walls up high and wide*, Miguel sings. *Make it rain to keep them out / That won't change what we are inside*.

But CIVIC changed, in one respect—its name. In March 2018, it became known as Freedom for Immigrants.

KATIA SAVCHUK is a journalist based in Oakland. Her work has appeared in *Forbes*, *Cosmopolitan*, *The Washington Post*, and other publications. **EDEL RODRIGUEZ** is a visual artist whose work includes covers for *Time*, *Der Spiegel*, and *The New York Times*.



The Ballad of Jesus Ortiz

The true story of my great-grandfather

BY DANA GIOIA

Jake's family were vaqueros.
They worked the cattle drives
Down from Montana to market.
They did what it took to survive.

Jake's real name was Jesus,
Which the Anglos found hard to take,
So after a couple of days,
The cowboys called him Jake.

When Jake was twelve, his father
Brought him along to ride.
“Don't waste your youth in the pueblo.
Earn by your father's side.”

The days were hot and toilsome,
But all of the crew got fed.
It wasn't hard to sleep on the ground
When you've never had a bed.

Three thousand head of cattle
Grazing the prairie grass,
Three thousand head of cattle
Pushed through each mountain pass.

Three thousand head of cattle
Fording the muddy streams,
And then three thousand phantoms
Bellowing in your dreams.

At night when the coyotes called,
Jake would sometimes weep
Recalling how his mother
Sang her children to sleep.

But when he rose in the morning,
The desert air was sweet.
No sitting in a mission school
With bare and dusty feet.

And when the drive was over,
He got his pay—and then
He came back to the pueblo
Where he was one of the men.

Ten years on the open range
He led the vaquero's life,
Far from his home in Sonora,
No children and no wife.

Then Jake headed north to Wyoming
To find his winter keep
Among the Basques and Anglos
Who raised and slaughtered sheep.

He came to cold Lost Cabin
Where the Rattlesnake Mountains rise
Over the empty foothills,
Under the rainless skies.

The herders lived in dugouts
Or shacks of pine and tar.
The town had seven buildings.
The biggest was the bar.

John Okie owned the town,
The Sheep King of Wyoming.
He owned the herds. He owned the land
And every wild thing roaming.

He hired Jake for his tavern.
He let him sleep in the kitchen.
Mexicans worked hard.
And didn't waste time bitching.

Tending bar was easier
Than tending cattle drives.
Jake poured the drinks while the men
Complained about their lives.

Jake never asked them questions.
He knew what he needed to know—
Men working in Lost Cabin,
Had nowhere else to go.

Jake married a sheepherder's daughter,
Half Indian, half white.
They had two sons, and finally
Things in his life were right.

He told his boys his adventures
As a cowboy riding the plain.
“Papa,” they cried, “will you take us
When you ride out again?”

One night he had an argument
With a herder named Bill Howard,
A deserter from the Border War,
A drunkard, and a coward.

“Bring over that bottle of whisky!
If you don't grab it, I will.”
“Okie said to cut you off
Until you paid your bill.”

Bill Howard slammed his fist down,
“Is this some goddamn joke,
A piss-poor Mexican peon
Telling me I'm broke?”

A little after midnight
Bill came back through the door.
Three times he shot his rifle,
And Jake fell to the floor.

Then Bill beheld his triumph
As the smoke cleared from the air—
A mirror blown into splinters,
And blood splattered everywhere.

A sudden brutal outburst
No motive could explain:
One poor man killing another
Without glory, without gain.

The tales of Western heroes
Show duels in the noonday sun,
But darkness and deception
Is how most killing is done.

Father Keller came from Lander
To lay Jake in the ground.
A posse searched the mountains
Until Bill Howard was found.

There were two more graves in Wyoming
When the clover bloomed in spring.
Two strangers drifted into town
And filled the openings.

And two tall boys departed
For the cattle drives that May.
With hardly a word to their mother
Who watched them ride away.

Was the Story True?

When I was ten, I had an astonishing conversation with my Mexican grandfather. He told me that he had quit school at my age to become a cowboy. When I asked him why, he replied, “My dad got shot in a saloon. My brother and I had to support the family.” He then described his early life in frontier Wyoming. I never forgot his rough and violent story. I also never entirely trusted it.

Forty years later during a speech in Casper, Wyoming, I mentioned the 1910 murder of my great-grandfather, Jesus Ortiz, in nearby Lost Cabin. The state librarian was in the audience. Afterwards she asked me some pointed questions. I assumed she, too, doubted the story. A month later a large packet from the state library arrived in my office in Washington, D.C. It contained copies of newspaper articles and official documents, concerning my great-grandfather's death and the search for his murderer. Although the events they recorded were a hundred years old, my throat tightened as I turned the pages. Things had happened almost exactly as my hard-drinking grandfather had told me.

I had to tell the forgotten story of Jesus Ortiz. I wanted to write a poem that spoke to both a literary and general audience, to create something that the working-class people I came from could understand. Every time I started, I gave up. The words felt lifeless. Finally, the obvious solution arrived—the cowboy ballad.

The ballad has traditionally been the form to document the stories of the poor, particularly in the Old West. The people I wanted to remember sang and recited ballads. The form seemed the right way to tell their story. “The Ballad of Jesus Ortiz” recounts the life and death of my great-grandfather. Every name, place, and significant event in the poem is true. I apologize the tale took a hundred and six years to tell.

Dana Gioia

DANA GIOIA is California Poet Laureate.

Bronco News

SCU ALUMNI NEAR AND FAR



Googler at 19: **Falon Fatemi '07** started out as the youngest Google employee on the corporate campus. Now she has launched her next big thing.

Discovery Engineer

FALON FATEMI '07 got a flying start into the high-tech heart of Silicon Valley. As a sophomore at SCU in 2005, she parlayed an internship at Google into a full-time job at the tech company, then a relative fledgling. Her responsibilities soon included working on strategies for Africa and Eastern Europe.

Even with 3,000 coworkers, it didn't take her long to realize that at age 19 and still an undergrad, she was the youngest employee on campus. "I was the baby, but most people didn't know how old I was," she says. "That came out later."

It was an excellent launchpad for a tech highflyer. But it was the next chapter, after six years at Google and YouTube, that provided the aha moment behind her recent

emergence as an entrepreneur. As a consultant working with startups and investors, Fatemi began to realize she had a knack for connecting people, companies, and resources, with often very profitable results.

Indeed, surveying the fruits of a half-dozen years of mercantile matchmaking, she says she calculated that her introductions had led to many millions of dollars in investments, sales, and mergers.

What if there was a way to build a product that could do similar introductions at internet scale?

That, Fatemi says, is the vision behind Node, the company she founded in 2015 and for which she serves as CEO. Node uses artificial intelligence and machine learning to try to bottle the kind of secret sauce that came naturally to her. The company's algorithms trawl the recesses of the internet to uncover opportunities between potential customers, collaborators, and markets that would likely otherwise never be discovered.

Products like Google's flagship offering excel as search engines, she says. Node aims to take search to another level: It's a "discovery engine," revealing things users wouldn't even know to search for. Node's focus is on helping clients in sales and marketing for now—though Fatemi says its technology may one day recommend the next hire, job opportunity, or date.

The 30-person company exited "stealth mode" in summer 2017, revealing more than \$17 million in funding from investors, including billionaire Mark Cuban, star of the television show *Shark Tank* and owner of the Dallas Mavericks, who is among Node's biggest and most involved investors. "This is a game changer," he told Bloomberg Television.

Business and entrepreneurship run in Fatemi's family. Her father, **Homi Fatemi MBA '83**—a longtime adjunct faculty member of SCU's Leavey School of Business—is a Silicon Valley veteran; her mother is a real estate investor. In Iran, where her parents grew up, her grandmother founded an ambulance system, akin to the 911 network here, Fatemi says.

Hard work was central to the family ethic. As she was growing up, her parents had two rules for summer vacation. She and her brother had to study ahead in math and science. And they had to have jobs that furthered their career potential.

Even leading Node, Fatemi keeps herself involved in extracurriculars, like writing for Forbes.com and offering fundraising tips for female entrepreneurs, ideas on how to leverage AI to improve customer service, and how to identify an overhyped product. For fun, she likes to go to wine country and Vegas with her husband, a fellow techie and a former professional poker player. But work is its own reward.

"Node is my baby," she says.

WORDS BY SAM SCOTT '96. PHOTOGRAPHY COURTESY NODE



How Soon is Our Driverless Future? "This is the time that self-driving cars will actually happen," says **Carol Reiley '04**. "This generation." She may play a central role in the revolution. In 2015 she cofounded Drive.AI, an emerging force in automated driving. Trace this road back to her teenage years, when she was a volunteer at her local hospital.



She had started candy striping to see if she should pursue a career as a physician. Instead, her imagination was captured by exposure to a fairly mundane medical device—the pacemaker. Doctors, she could see, had to hustle to help one person at a time. But whoever designed the pacemaker had touched millions of lives. The moment provided an early crystallization of what has become a personal mantra: the power of engineering to help people at scale.

The experience shaped her time at Santa Clara, where she majored in computer engineering. She also threw herself into four years of research in the robotics lab of Professor of Engineering **Christopher Kitts**.

That led to doctoral work in artificial intelligence (AI) at Johns Hopkins and to developing robotic surgical tools capable of entering the body with no invasive incisions. "It was coming full circle," she says. "It was tremendously rewarding."

So why did she leave it to found Drive.AI? She saw the chance to test her entrepreneurial skills against an even bigger problem. "Humans are just terrible drivers," she says.

She's not being flip. Each year some 40,000 people die on American roads, many in accidents caused by mistakes AI could avoid. "This is the most preventative medicine that we could build today."

Drive.AI is backed by more than \$70 million in funding, with partners including the ride-share company Lyft. To "see" the world, Drive.AI's hardware uses radar, cameras, lasers and deep learning algorithms to learn from and act on that information much like a human brain would. In early 2017, the company released video of its technology in action navigating Bay Area streets at night, in the rain and in traffic—all without a hitch, or a human touch.

There are challenges to bringing such technology fully into the wild, she says, many of them related to the unpredictability of people, but Reiley is sure that the driverless future is just around the corner.

"We have the potential to bring self-driving cars closer to reality," she says. "The sooner that we do that, that's thousands of lives every day worldwide we can save."

Around the corner: Carol Reiley '04 now serves as a board member for Drive.AI. Watch for what comes next.

WORDS BY SAM SCOTT '96. PHOTOGRAPHY BY CODY PICKENS

Mag Stage LIVE!



Coming to you LIVE: **Shannon Vallor** and Santa Clara Magazine editor **Steven Boyd Saum** onstage at the Computer History Museum in Mountain View in February

WE TOOK THE mag on the road in recent months—for the inaugural Santa Clara Magazine LIVE. For audiences in Chicago, Denver, London, Berkeley, and Mountain View, we produced an edition in person: Mission Matters, with University news updates from President **Michael Engh, S.J.**, and Jesuit School of Theology Dean **Kevin O'Brien, S.J.**; feature well talks from some of the thinkers and doers whose ideas fill our pages; and Bronco News, where we brought it back to our audience with a Q&A, hosted by editor **Steven Boyd Saum**. Our featured crew: Professor of Engineering **Christopher Kitts** took us into outer space and underwater with satellites

and robots. **Allison Kopf '11** tackled agriculture and ethics and feeding the world; she's CEO of the startup Agrilyst. Professor of Philosophy **Shannon Vallor** unpacked the ethical challenges we need to face in "Lessons from the AI Mirror." And **Michael S. Malone '75, MBA '77** traced how the center of gravity is shifting in Silicon Valley—toward Santa Clara; and how, with the automation revolution, we're on the cusp of a societal "phase change" on par with the invention of agriculture and the industrial revolution. In London, **Dorian Llywelyn, S.J.**, executive director of the Ignatian Center for Jesuit Education, hosted alumni for dinner and conversation.



HERE'S A FIRST Early in her soccer career, **Sofia Huerta '15** took a sporting risk. After playing for Mexico's Under-20 women's national team and briefly with the senior squad (Mexico is her father's homeland)—and battling opponents from Brazil to the United States—in 2014 she stepped away. The Idaho native wanted to play for the U.S. team. There were no guarantees she would achieve her goal. But on Sept. 14, 2017, soccer's governing body approved her national affiliation switch. The next day, Huerta donned the red, white, and blue jersey. She subbed in just after halftime for a match against New Zealand. Within 27 minutes, she launched a precise cross-field pass to the feet of a teammate who scored—Huerta's first assist for her country. The appearance also represented another first: She is the only woman to play for, and against, the U.S.

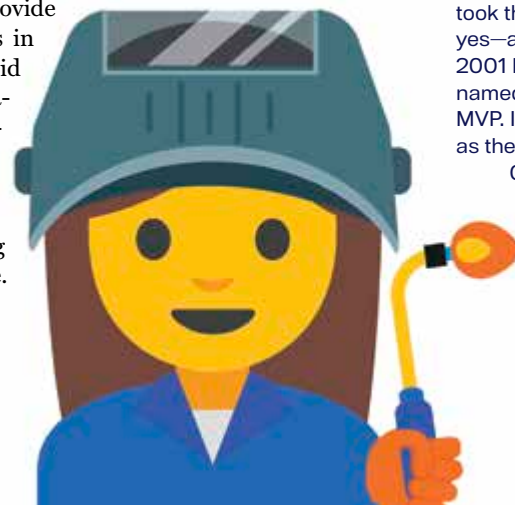


HALL OF FAMER Here's a new accolade for soccer star **Danielle Slaton '02**: In November she was inducted into the San Jose Sports Hall of Fame, in a class of five that included 49ers great Dwight Clark. Add that to the claims to fame Slaton already owns, including four-year starter for the Broncos, three-time first-team All-American defender, five-year member of the U.S. National Team, silver medalist in the 2000 Olympic Games in Sydney, and part of the team that took third in the 2003 World Cup. Oh yes—and she captained SCU to the 2001 NCAA championship and was named NCAA College Cup Defensive MVP. In 2015, Slaton returned to SCU as the director of the Jerry Smith Coaching for Life Academy. She is also a sideline reporter for the San Jose Earthquakes and a women's soccer analyst for NBC, Fox Sports, and the Pac-12 Networks.

SCM LIVE PHOTO BY THOMAS WEBB; DANIELLE SLATON PHOTO BY REUTERS; SOFIA HUERTA PHOTO BY BRAD SMITH/ISI/PHOTOS; EMOJI COURTESY OF GOOGLE; WORDS BY TINA VOSS/UGH AND MONIQUE BEELER

EMOJI POWER

IN 2016, **AGUSTIN FONTS '08** and his team at Google looked at the emojis offered on their phones and were bothered by their depictions of women: dancers, princesses, a bride, lipstick, and painted nails. "We thought, 'This doesn't match the world or Google,'" he said. Fonts, a product manager at Google, manages the operating system elements that provide app developers what they need to build user interfaces in Android, including text and emojis. So he and the Android design team set out to fix the outdated gender representation. The team proposed 11 new female emojis in industries ranging from farming, manufacturing, health care, tech, and business. There's even a rock star. Months after the emojis went live, Fonts saw a young girl on the Google campus wearing a T-shirt from The Gap featuring all 11 new female emojis, which he thought was awesome. "It's empowering girls—even little ones," he says.



Agustin Fonts '08 created new emojis by joining two or more characters. For example, the female pilot was created by merging the existing woman emoji and a plane.

”

Our Place in the World. Writer **Khaled Hosseini '88** says he is out of his element when it comes to figuring out sophisticated ways to use technology for global good. But as a goodwill ambassador for the U.N. Refugee Agency, he was very much at home at the Tech Museum of Innovation in San Jose on November 4, when he was honored for his humanitarian work.



Born in Afghanistan, Hosseini came to the United States with his family as refugees. He trained as a physician and then earned international literary fame with The Kite Runner, A Thousand Splendid Suns, and And the Mountains Echoed. The Tech honored him with the 2017 James C. Morgan Global Humanitarian Award. He also sat down with Santa Clara Magazine for an interview. Excerpts:

In your writing, you underscore the importance of empathy and hope. How does that drive the work you're doing with the U.N.?

Traveling out to refugee camps, and going to places like Jordan or Iraq—it reminds me of my place in the world, makes me feel reconnected to the issues that we're facing: to meet, sit, and speak face-to-face with the people who are behind the big

stories—the stories of the war, and the war on terrorism, all these things.

The big narrative has kind of trampled on the stories of individuals. I see my role as feeling connected to those individuals, those people who are affected by these enormous events—and to give them a voice, and to advocate for them, to understand what those people have lost.

I write largely about human stories. We learn so much about human nature going to a desert somewhere, outside of a city in Jordan—and then, sitting with people, in a small shack, in 100-degree weather. And to be blown away by the enormous generosity, and kindness, and wisdom of the people you meet. It's a lesson in human nature.

What do you think Americans need to understand differently about refugees and their plight?

I think the issue has become too politicized. People have used the issue of refugees to try and score political points and to win votes. But people should realize that most refugees are ordinary people who had something happen to them. Nobody chooses to become a refugee. People become refugees because of external forces that impact their lives and force them to make these drastic decisions: to leave their home, leave their communities. Nobody wants to do that. Nobody wants to take their family and put them on a boat, to cross the Mediterranean. These are people who have been victims, had to abandon what they own, and leave behind their homes.

Most refugees are under the age of 18. Most of them are women and children. The vast majority of refugees don't want to live in the U.S., Canada, or Europe. They want to go back home.

Khaled Hosseini '88 was recognized in 2017 alongside laureates of the Tech Awards for Global Good—a year-round program of exhibits and educational offerings featuring social innovators from around the world. Read our full interview at magazine.scu.edu.



‘Hockey on Horses’ is the way that **Sean Keys ’93** describes polo. A match is fast: 42 minutes, divided into six chukkas, with no time to ease into the game. Polo ponies gallop up and down the field—nine times the size of a football field. It’s an exhausting pace for the ponies—so steeds are rotated in and out of the game each chukka. And now Broncos play polo, too.



SCU provided **Sean Keys ’93** with lifelong friendships. “You go out in the rest of your world,” Keys says, “but you keep coming back to these people.”

The first-ever SCU polo match was hosted last August by Sean and Gretchen Keys at Hidden Creek Polo Club in West Linn, Oregon—not far from Portland. The occasion: a send-off party for SCU-bound first-year students unlike any other. Alumni, family, and friends were treated to a polo match at Sean’s polo club—and they enjoyed fare from local food trucks and a Champagne divot after the third chukka.

Why polo? By chance, Sean and Gretchen went to a match in the early 2000s. “I fell in love with the sport itself, and that year Gretchen got me polo lessons,” Keys said. Then it’s fair to say he went head over heels for polo—literally. “After I fell off the horse a number of times, I was hooked for good.”

Keys hails from Portland, where his family had established business in home-building and development. In college Keys took coursework in civil engineering and

accounting—because he, too, wanted to build things. He did a stint with Price-waterhouse as a CPA before coming back to his building roots. He is now a managing member at Metropolitan Land Group, a real estate development and investment firm based in Beaverton, Oregon.

Keys played lacrosse at SCU, but he doesn’t credit his polo prowess to his days of swinging around a lacrosse stick. “If you asked all my old buddies, I was not the most athletic guy on the field,” he admits. Though lacrosse didn’t hurt when it came to building hand-eye coordination.

Sean and Gretchen opened Hidden Creek Polo Club in 2005. For the match in August, one team wore Bronco red. The other? Santa Clara white.

Preparing for a polo game takes time—and training—both for the players and the horses: “It takes about four years to train a horse to play polo after they’re 3 years old,”

Keys notes. The biggest hurdle is getting the horses not to dart out when mallets are swung at their faces. Some horses never make it past that.

His favorite horse? A 16-year-old named Scarface. (The horse once got caught in a fence and tore his face.) “He’s a little skittish and a little crazy,” Keys says, “but it tends to be a really good chukka for me when I get him in the right mood.”

For players, being smaller is advantageous. And hand-eye coordination is crucial: “You’re running on a moving animal trying to hit a moving ball,” Keys says.

Injuries? Unavoidable. “It’s not a matter of if you’re going to fall, it’s *when*.” Coming from a man who has broken a wrist, a shoulder, and several ribs; sprained a bunch of things; and had a concussion or two, Keys is no longer fazed when he tumbles off a horse. “You gotta keep going if you’re passionate about it,” he says.

PHOTOGRAPHY BY CHRIS HO. WORDS BY GABRIELLE DEUTSCH ’18



MABUHAY! WELCOME! The SCU Alumni Association has opened a chapter in the Philippines, home to more than 150 Broncos residing in the country of over 7,000 islands. At the Beyond Innovation Roadshow in 2017, Manila proved to be a hub for enthusiastic Broncos eager to get an update on goings-on at the Mission Campus, and a chapter was born! This chapter hopes to flourish through social gatherings, creating connections between alumni, and providing a community for incoming first-year students. Heading the chapter is **Angeli King ’15**, who was born and raised in the Philippines, double-majored in marketing and communication at SCU, and is now a digital marketing manager for a tech startup. She is one of the many recent alumni in the Philippines; the oldest alumnus in the chapter is **Thomas J. Ford ’49**, who owns a sugar mill there. SCU is here on the Pacific Rim of North America, and we’re jazzed to see another Bronco community across the Pacific—along with international chapters in Guam and India.



ROOM FOR GROWTH SCU Alumni Association Board Member **Matt McCormick ’87** looks at the biggest names in real estate in the Bay Area and sees Santa Clara graduates. But McCormick, a real estate professional serving most of California, thinks SCU is just scratching the surface when it comes to connecting alumni in his field. That’s where the new SCU Real Estate Industry Group can play a big role: workshops, networking for buyers and sellers, and improving technology. What if SCU grads living in Dallas could search a database for Bronco real estate agents in their backyard? McCormick says it could happen. “Santa Clara and real estate makes total sense. What a great way for Santa Clara to take the lead.” Taking the lead of the new group: co-presidents **Gina Blancarte-Millard ’99** and **Carrick Young ’17**.

Welcome home: Along with class parties and the block party, this year’s Grand Reunion brought back more alumni than ever for affinity-focused events—just over 150.

GRANDEST REUNION



YOU ALREADY KNEW Grand Reunion is the biggest annual gathering of Broncos. But did you know how big? In October, 3,669 grads descended to the Mission Campus for Grand Reunion. The class of 2012 broke the all-time single-class record with 318. While we’re at it, here are three more things you might not know. No. 1: Alumni from all across the U.S. and 15 countries were there. **Gerard Prietto ’67** trekked farthest—from Australia. He couldn’t resist the opportunity to see his close friend of 50+ years **Bob Miller ’67**, former governor of Nevada, who spoke at the luncheon inducting his class into the Gianera Society. No. 2:

Broncos from five decades were honored at the veterans breakfast. **Eldon Regua ’77**, a veteran of 36 years and retired major general, told the story of how he chose SCU over Stanford. Regua wanted to join ROTC—and protesters burned down the ROTC building in Palo Alto. He recalls playing flag football against San Jose State’s ROTC, too: “We used to beat the heck out of them.” No. 3: Grand Reunion is about more than just reuniting with former classmates. This year, Grand Reunion had its most affinity groups ever: Black Alumni, Veterans, Asian Pacific Islander, Chicano-Latino, and LGBTQ+ alumni—to name a few.

Flashback Friday

KATHLEEN (CHAMBERS) SCHELHORSE ’97 and **Josh Schelhorse ’97** recaptured their college days at October’s Grand Reunion. On the way into their class party, they spotted a photo (left) of themselves in a senior yearbook. They loved it so much, they recreated it. The original caption said, “Having met in freshman English class, (Kathleen and Josh) remained friends and looked forward to graduation.” In the years since, Kathleen and Josh have done more than remained friends. They got married.



Class Notes

At magazine.scu.edu/classnotes see the latest, post an update, share a photo—especially if it’s your reunion year. For Broncos who have joined the Gianera Society—that’s 50+ years since graduation—every year is reunion year!

1950 Henry Ford attended the annual “Engineer’s Class of 1950” reunion on campus on Oct. 25, 2017, along with his wife, **Betty Ford**, seven graduates, and several widows of graduates. The engineer’s reunion is well known for having been held annually—not ever missing a year since they graduated! Henry Ford is the son of **Edward Byron Ford 1915, J.D. 1917** and worked for Lockheed for 33 years—starting with the development of the “Dragon Wagon,” an eight-wheel, all-terrain vehicle that was later sold to Oshkosh and the U.S. Army. He ended his career with work on the Hubble Space Telescope. Betty has served as president of the Catala Club three times as well as on its board of directors for 25 years. The Fords are parents of **David Ford ’76, M.S. ’78, Timothy Ford ’77**, and **Edward Ford ’90.** **¶ G.S. Holeman** of Penn Valley, California, says that he’s “enjoying the *Santa Clara Magazine*.” In the Sierra foothills, he says, “It’s the only way to keep in touch with what is happening at Santa Clara these days.”

1960 Allan Nicholson J.D. now has seven great-grandchildren. Several of his grandchildren attended Santa Clara, including **Andrea McCandless ’07, Katherine Leardini ’10, Jenny Nicholson ’12**, and **Brooks Nicholson ’18**. Two of his children, **Bruce Nicholson ’75** and **Alicia Raj ’92**, also are alumni.

1962 Joseph Fessio, S.J., is making wine when not editing books at his Ignatius Press in San Francisco. He says he definitely brought some wine—not books—to the most recent reunion. **¶ Gary Keister** is still writing poetry, books, and stories about his life growing up on the Alaskan waters. He presents annually at the FisherPoets gathering each February in Astoria, Oregon, as well as at other seafarers’ festivals in the Pacific Northwest. **¶ Sam Sebastiani MBA ’66**, student body president in 1962, is still making great wines at the Sebastiani Family Winery. Many of his classmates are thankful that some of the wine was brought to their reunion celebrations.

PLANT A TREE Betty Ford has been a part of the Catala Club since 1975 and was instrumental in the planting of three willow trees to commemorate Fr. Magin Catalá, who in the 1800s planted willows in the same place along the Alameda leading to the Mission Church.



Those magnificent men and their flying machines: **John J. Montgomery**, center, was taking heavier-than-air craft aloft in California—up to 4,000 feet in the air—years before a powered craft took flight in Kitty Hawk.

1963 REUNION YEAR **Bernard J. Burdick** and **John G. Burdick ’65** have published *Achieving Flight: The Life and Times of John J. Montgomery*. It tells the story of Santa Clara’s own renowned aviator (1858–1911) who designed, built, and was the first to fly a glider successfully in 1883, a full 20 years before the Wright Brothers’ powered flight. The 1905 achievements of John J. Montgomery in flight are commemorated today with an obelisk in the Mission Gardens. Decades ago, the first biography of Montgomery, *John Joseph Montgomery, Father of Basic Flying*, was written by former Santa Clara archivist **Arthur D. Spearman, S.J.** [And we’ll note that **Paul Totah ’79** wrote a story for us about the book by Bernard and John Burdick in the Fall 2012 edition of the mag. —Ed.]

a state-of-the-art planned unit development called Huckleberry at Priest Lake, resulting in 90 percent dedicated open space, including forest and wildlife restoration. **¶ Rinaldo Brutoco** was awarded the inaugural Santa Barbara Peace Prize, which honors locals who are advancing world peace and international human rights—especially in developing nations—thanks to a nomination from California Gov. **Jerry Brown ’59**. Brutoco is the founding president of the World Business Academy, which is devoted to addressing climate change and advocating for sustainable energy use, and has served on the boards of The National Peace Academy and the Brutoco Family Foundation. **¶ Kate (Thomas) Parnes** spends part of her retirement time as vice president and founding member of Global Grandmothers. The nonprofit started in California in 2011 and focuses on supporting children worldwide through thoughtful giving, carefully screening domestic and international nonprofits for transparency, fund management, and the efficacy of interventions. Global Grandmothers also sponsors the Walk the Walk fundraising walks in the Bay Area several times a year.

1969 Ronald Hansen J.D. ’72 retired from the Merced County Superior Court. He now tends 170 acres of almond orchards in Merced and Stanislaus counties. **¶ Martha “Mardi” Robers** writes, “I have retired after having a very satisfying career of 46 years in social work. I have moved to Hamilton, Montana, and now get to spend quality time with my family, which includes two amazing grandchildren.”

1970 Timothy “Pat” Hannon J.D. ’74 writes, “I am proud to announce that I have earned an LL.M. *cum laude* in transportation and logistics from Florida Coastal School of Law.”

1973 REUNION YEAR **Jeff Dillon** got together for brunch with college roommates **Dan Gilmour** and **Brougham Morris** in Sutter Creek, California. **¶ John Stege** writes, “I just celebrated my four-year anniversary at Interio Real Estate Services in Los Gatos. It has come full circle, as I am one of the original employees of Mountain Charlies, hired by now-deceased SCU alumnus **Jim Farwell ’66**. And thoroughly enjoying my ninth season as the color analyst for SCU Bronco Men’s Basketball ... Proud to be a member of the Bronco Family!”

PHOTOGRAPHY COURTESY SCU ARCHIVES AND SPECIAL COLLECTIONS

1974 The annual Golden Bridge Awards honored **Constantin Delivanis MBA** with silver for Most Innovative Executive of the Year. Delivanis is co-founder and CEO of BDNA Corp., a provider of comprehensive information about technology assets. His company also received the gold Milestone of the Year for its tool, “Technopedia,” providing market intelligence for more than 2 million hardware and software products. Winners were honored at a red carpet ceremony in San Francisco in September 2017.

1977 Carol Blanco Jordan teaches online courses in computer science and business for Columbia Gorge Community College. She and her husband, Mike, live in Redmond, Oregon. Jordan earned her MBA in information systems from Golden Gate University in 1982 and is a quality matters peer reviewer for online courses. She and her husband have been married for 36 years. They have a lovely daughter, Roseann, who lives in Tyler, Texas, and just graduated from dental hygiene school.

1978 REUNION YEAR **Lloyd A. Schmidt J.D. ’81** has joined Hoge Fenton, a law firm headquartered in Silicon Valley, bringing over 30 years of experience to the position. Schmidt is a practicing attorney specializing in corporate advising, mergers and acquisitions, and business transactions. He was previously a shareholder of Hopkins & Carley, where he served as chair of the corporate, tax, and business transactions department. At Hoge Fenton, he looks forward to advising and counseling clients in technology, e-commerce, and other sectors.

1979 Henry Dill has been appointed vice president of sales at Ippolito International, North America’s largest supplier of fresh brussels sprouts. Dill brings to the role 38 years of sales and production processes expertise in the produce industry.

1981 Mary Modeste Smoker has taken a new post as part of the advancement team at Sacred Heart Preparatory in Atherton. For the past 14 years Mary was part of the Alumni Association team here at SCU, putting her heart and soul into the Alumni for Others community service program—with a special affinity for HomeSafe, a domestic violence shelter for women and children; the Thriving Neighbors program

with Washington Elementary School; and Sacred Heart Nativity School. She’s a loyal Bronco, and we’ll miss having her here on campus. **¶ Patrick Taylor M.A.** retired after 43 years as an Ignatian educator at Bellarmine College Prep in San Jose. He writes, “This ministry has filled my heart with gladness and gratitude for the many wonderful memories and cherished relationships with Bellarmine colleagues, students, and families. My service has been guided by the Bellarmine motto (and Santa Clara charism) ‘men and women for and with others’ as well as the Scripture verse ‘Much is expected from those to whom much has been given’ (Luke 12:49). God has blessed me in a special way these past 43 years—in addition to my life pathway of 65 years. Being a Bronco is awesome, too!”

1982 Jennifer Rosky MBA writes, “I just visited my college graduate daughter in Vancouver, British Columbia. It was amazing trip. The sky is so clear there and the people are so happy. It was a pleasure to spend the time with her. Now one more to go!”

1983 REUNION YEAR **Todd Howeth J.D.** is chief public defender for Ventura County. He has 27 years of experience with the county. He and his wife, Marty, have three children. **¶ Ray Núñez** was appointed chief financial officer for all organizations under the Vanir Group of Companies in Sacramento, California. A senior finance and operations executive with more than 30 years of experience, Núñez has worked for businesses at every stage of development—from startups to Fortune 100 companies. He and his wife, Celia, have lived in Rocklin, California, for the past 20 years

MANY HATS Over the past four decades, **Patrick Taylor M.A. ’81** has served as **Bellarmino College Prep’s director of resident students (twice), dean of students, director of student activities, campus minister, personal and academic guidance counselor, junior varsity baseball coach, roller hockey coach—and more.**

“Civil engineering impacts society on a broad scale,” notes **John Thomas ’86**, recently named San Francisco’s city engineer. Case in point: renovating the Embarcadero after the ’89 Loma Prieta quake hit San Francisco, destroying the elevated freeway, pictured here. “At the outset, some projects’ goals are incredibly transformational and inspirational,” he says. “Once they are achieved, you just think, ‘Wow, that’s amazing!’”



and have two children: Ana, who is studying at University of Cambridge, and Diego, who is in sixth grade.

1985 Mark Ghan J.D. is acting president of Western Nevada College (WNC). He is excited to serve while WNC conducts a national search for a new head to lead the college. “It is my goal to ensure the college does not lose momentum in advancing the program and projects that make WNC a special place,” he says.

1986 Mary Beth (Cebedo) Lefebvre is an IT project manager at Stanford University. This summer, she attended a family reunion in Lake Tahoe, California, with her parents and siblings **Francis Cebedo ’87, Celine (Cebedo) Schmidek ’88, Josephine (Cebedo) Copeland ’90**, and their families. **¶ Brian Linnane, S.J., MDV, STL ’88** is the new chair of the Association of Jesuit Colleges and Universities (AJCU) Board of Directors. The AJCU board is composed of the presidents of all 28 Jesuit colleges and universities in the United States and includes an executive committee of seven presidents. Since 2005, Fr. Linnane has been serving as president of Loyola University Maryland. He previously served as assistant dean and associate professor of religious studies at College of the Holy Cross. **¶ John Thomas** has been appointed city engineer for San Francisco. His 30-year career with San Francisco Public Works includes managing billion-dollar projects—from the rebuild of Laguna Honda Hospital to the Third Street light rail project and the Central Subway—and has included stints with the SF Municipal Transportation Agency and SF International Airport.

Thomas also oversaw the renovation of the waterfront district after the 1989 Loma Prieta earthquake hit San Francisco, destroying the elevated freeway. The Embarcadero and piers are now a main attraction for tourists and locals alike.

1988 REUNION YEAR Michelle (Dooling) Box is living in Menlo Park with her husband, three kids (two at home and one in college at Claremont McKenna), and two large dogs. She is looking forward to seeing people at the Class of '88's 30th reunion in October. ¶ Linda B. Johnson M.A. retired in 2016 as librarian from the University of New Hampshire, where she is an associate professor emerita. ¶ Sean Murphy writes, "Looking forward to connecting with Class of '88 for our 30th reunion! Having fun here in Marin as the new Marin alumni chapter president, creating local events that bring Broncos from multiple generations together." ¶ The University of Rhode Island named R. Anthony Rolle its inaugural dean of the Alan Shawn Feinstein College of Education and Professional Studies. He writes, "Upon arrival, I met Fernando Guzman '80, University of Rhode Island's director of diverse faculty and staff recruitment and retention. We found that we both are from San Jose's East Side (Dr. Guzman went to Overfelt High School and I attended Yerba Buena)—literally separated by the 101. We were just marveling about how two poor kids from the East Side attended SCU and now are at the URI. SCU truly is life changing."

1989 Thomas Watson J.D. has been named city attorney of Tracy, California. He previously served as city attorney of South Lake Tahoe, California. He is married to Jennifer Watson, a professor at Fresno State.

1990 Christine Condy has opened her own law office in North Beach, San Francisco. She focuses on business immigration law, which she has practiced for more than 22 years. Condy and her family, including 8-year-old Camilla (who already plans on attending SCU!), live in North Beach. ¶ Janlynn Fleener J.D. '93 was recognized as a 2017 Top Lawyer by *Sacramento Magazine*. She is a partner and chair of the litigation practice group at Downey Brand. Other Downey Brand attorneys who were also recognized by the magazine include Robert Soran J.D. '93, Scott McElhern J.D. '94, Matthew Ellis J.D. '02, and Sean Filippini J.D. '04. ¶ Belinda Hanson J.D. was named 2018 San Francisco

Family Law Lawyer of the Year by *The Best Lawyers in America*. Her family law firm, Hanson Crawford Crum, is headquartered in San Mateo. The firm recently opened an office in San Francisco. ¶ Ed Meehan has been named chief operating officer at Accenture Federal Services, based in Arlington, Virginia. Meehan has been at Accenture for 27 years, most recently leading the company's safety and citizen services portfolio as well as federal sales. Outside of work, he is an active board member for The Women's Center.

1991 Claire (Serrao) Schissler J.D. has been appointed managing director and fiduciary manager of Boston Private's West Coast operations. Based in the San Mateo office, Schissler is responsible for managing all aspects of trust administration and overseeing a regional team of trust officers.



It began with KRAVE: Jon Sebastiani '92 made jerky cool back in 2009, with flavors like black cherry barbecue and chili lime. With the founding of Sonoma Brands, more tasty stuff has hit the market.

1992 The International Association of Top Professionals honored Genie Harrison J.D. with the award of top female attorney for 2017. She has been heralded by the *Daily Journal* as one of California's top labor and employment attorneys for eight years. ¶ Bart D. Ricketts is president and CEO of Lease Crutcher Lewis, a commercial general contracting and construction management company with divisions in Portland, Oregon, and Seattle, Washington. His wife, Wendy (Baldwin) Ricketts, is board chair for Serendipity Center, a nonprofit therapeutic school serving at-risk students with complex learning needs. The Ricketts live in Lake Oswego, Oregon, with daughter Olivia and son George. ¶ Sonoma Brands, founded by Jon Sebastiani '92, closed its second fund at \$60 million, which is aimed at continuing the company's strategy of investing in consumer brands and incubating

new concepts. Sebastiani is the founder of KRAVE, an artisanal jerky brand that was acquired by The Hershey Company in 2016. ¶ Stephen Sullivan J.D. has joined Schwabe, Williamson & Wyatt as a shareholder in its Mountain View office. As a Silicon Valley veteran, Sullivan relies on over 20 years of experience to practice intellectual property law, primarily in patent prosecution. In addition, he started and managed two law firms and focuses primarily on the software and electronic arts in fields from digital imaging devices to bioinformatics.

1993 REUNION YEAR Elizabeth Brimont Jarrett was named Teacher of the Year at Westmont High School and for the Campbell Union High School District. She represented the district at the Santa Clara County Teacher of the Year Celebration. ¶ Nahal Iravani-Sani J.D. has been appointed to the Santa Clara County Superior Court by California Gov. Jerry Brown '59. She is the first Iranian-American appointed as a judge to the court. She had served as a deputy district attorney for Santa Clara County since 1995. She has taught trial advocacy at Santa Clara Law and Stanford Law School. ¶ Roy Maharaj J.D. '98 is vice president of global patent licensing at Ericsson IPR & Licensing. Previously, he was vice president of licensing at Intellectual Ventures.

1994 After almost 25 years in California and Oregon, it was time for Thomas Gemal M.S., MBA '00 to move his family back to their native Scandinavia. He is enjoying life living in southern Sweden and working for Palantir in Copenhagen, Denmark. ¶ Deborah Moss-West J.D., executive director of the Katharine and George Alexander Community Law Center at SCU, was recognized by the Minority Bar Coalition for advancing the cause of diversity in the legal profession. ¶ Tyler Wall J.D./MBA is chief legal officer for Nutanix, a leader in enterprise cloud computing. Previously, he held senior leadership positions at local software companies, including Red Book Connect, Brocade, Chordiant Software, and Oracle.

1995 Ignacio J. Guerrero graduated from the Senior Executives in State and Local Government program at Harvard Kennedy School. Guerrero spent three weeks in Cambridge, Massachusetts, participating in the executive education program with 75 other local and state government leaders from around the United States and the world. ¶ Miles Kelly is chief marketing

Mixing or Matching? In Silicon Valley, it's both, says sociologist **Tomas R. Jiménez '98**. He set out to study the way that people whose families have been in the Unites States for generations are reshaped by immigration. Drawing on scores of interviews with "established Americans" in Silicon Valley, he has laid out in *The Other Side of Assimilation* the ways that immigration influences the DNA of America.

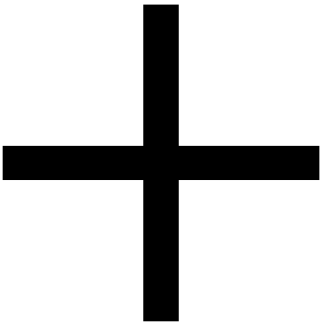


Here's an excerpt: As our walk wore on, Nova began reflecting more about what it was like for her to come of age around so many people living in immigrant households. She spoke of the normalcy that came with growing up around people whose parents came from another country. She talked about encounters with other ethnic traditions. She had enjoyed them and came to feel as though some, like Chinese New Year and Cinco de Mayo, were somehow American. She spoke of not being able to understand some of her friends' parents because they spoke

languages other than English. But she also picked up a few words of those languages—enough to joke with her friends. And she talked about her mixed Mexican and Irish ancestry leading her to be seen as the "white" girl in some contexts, but the "Mexican" girl in others. Her own identity, how she saw herself, seemed to depend on whether she was around mostly Asians, mostly Mexicans, or a mixed group of peers. As she went on, I interrupted, asking, "So it was like you were adjusting to all of the immigration?" "Exactly!" she quickly replied.

Our conversation during that long summer walk, along with a catalogue of my own informal observations, prompted me to begin to study assimilation in a different light. It spurred me to think about assimilation in a way that reflected Nova's and my recollections of a childhood full of interactions with immigrants and their children. It led me to turn assimilation on its head in order to consider how immigration might shape the experiences of the most established people in the United States: the people who are not immigrants or the children of immigrants.

Faces of America: Tomas R. Jiménez '98 spoke at SCU in February as part of the 2018 Latin American Studies Lecture Series.



Magic in Motion. It was a magnificent year for **Julie Johnston Ertz '14**. The Chicago Red Stars midfielder and U.S. women's national team stalwart capped 2017 as U.S. Soccer Female Player of the Year. "Set piece magic!" gushed one sportscaster. Another: "Her timing, her technique, is so crisp and clean." And last spring, she and Philadelphia Eagles tight end Zach Ertz took wedding vows.



Pre-wedding photo: World Cup champion and U.S. Soccer Female Player of the Year Julie Johnston Ertz '14 and Super Bowl champ Zach Ertz for ESPN the Magazine.

Johnston scored the goal of the year in 2017. And she became only the third player ever to win both Young Female Player of the Year (2012) and Player of the Year. In between: the 2015 FIFA Women's World Cup victory, and the 2016 Olympics. As for the marriage, thank baseball—and sunflower seeds. At a Stanford ballgame, mutual friends seated Julie, then a sophomore at SCU, next to tall, soft-spoken Zach. Someone mentioned he was good at football; she was WCC Freshman of the Year for Broncos soccer. "Zach's super shy," Julie says. "He had sunflower seeds. Every time the conversation stopped or there was an awkward pause, he'd ask if I wanted some."

That was spring 2012. A good omen: the sunflower is an ancient token of constancy and good fortune. By fall, Zach, a standout Stanford tight end, and Julie, captain of the winning U.S. women's soccer squad at the Under-20 World Cup that summer, were an item.

"It's always fun to talk to someone who is as driven in their sport as you are," she says, recalling their earliest conversations. The couple just didn't initially understand how driven the other was. "I never realized how good he was at his sport, and he didn't realize how serious I was—and how far I wanted to go in my sport."

Within a year of their relationship's start, the NFL's Philadelphia Eagles drafted Zach in the second round. Julie went on to play professional soccer for the Chicago Red Stars, helped the U.S. women's national soccer team bring home the 2015 World Cup trophy, and was a 2016 Olympian. Thousands of miles, and sometimes oceans, have separated them. Keeping them together: Skype, a shared faith—each has a small cross tattoo—and a mutual understanding of the demands of professional athletes.

In February 2016, in the same stadium where they first shared conversation and handfuls of dusky-hulled sunflower seeds,

Zach kneeled and asked her to marry him. Afterward on Twitter, he reported: "She said yes!! My best friend made this the best day of my life! #MrsErtz."

While a reverence for tradition and religion—Zach was baptized the day before—guided many wedding day decisions, lead-up to the March 26, 2017 ceremony involved an unconventional detour. They participated in a magazine first, becoming the only couple photographed together for the annual *ESPN The Magazine* Body Issue, a clothes-free affair.

ESPN's pages put action shots of muscular athletes front and center. Hockey players, tennis stars, and others have been captured in the buff, including six of Julie's national team colleagues. "Growing up female, society says what you're supposed to look like and do," Johnston reflects. "Now I know what I need to do to make my body work its best. And to do that with Zach, who is the No. 1 supporter of me, made it all the more special."

WORDS BY MONIQUE BEELER PHOTOGRAPHY COURTESY ESPN THE MAGAZINE

Lives Joined

Akili Nickson '97 and his lovely bride, Shana Ahmadzadeh, are pleased to announce their marriage on May 13, 2017, at Grand Tradition Estates in Fallbrook, California.

Francisco Zepponi '05 married **Amanda Bloomberg '08** July 1, 2017, in Mission Santa Clara, in a ceremony officiated by **Paul Soukup, S.J.** The couple met at The Hut while Amanda was finishing her senior year studying combined sciences and Francisco was attending an alumni event. At SCU, Francisco was a member of the men's tennis team and holds the record for career wins. Amanda was a member and coach of the SCU Dance Team. She earned her doctorate in veterinary medicine at Purdue and practices in Dublin. Francisco works in finance at Kaiser Permanente.

Elizabeth (Bugarin) Palumbi '06 married Anthony Roberts Palumbi at the Church of the Nativity in Menlo Park on March 5, 2016. Several Broncos were in attendance and were members of the bridal party. The couple resides in Orangevale, California.

Kristin Swenson '07 married Graham Wilson on Sept. 3, 2017, in Denver, which is where they reside. The wedding party included **Ana Raab '07**, **Lisa (Porter) McGaffey '07**, **Erin Kunse '07**, **Alix (Bogehold) Watson '07**, and **Laura Brown '07**.

Jordan (Crary) Beadle '09 and **John Beadle '09** wed Aug. 12, 2017, at Mission Santa Clara. John and Jordan never crossed paths at SCU; they met in San Francisco at a bar called Swig—the same name as their freshman year dorm. The bride's sister was the maid of honor, and **Brand Schlesinger '09** was best man, with many Broncos in the wedding party. The reception was at San Jose Country Club—the same place Jordan's parents, **Fred Crary '74**, **MBA '77** and **Kim (Shanley) Crary '77**, had theirs.

Elizabeth (McCarty) Baumeister '10 wed William Baumeister Aug. 12, 2017, at McArthur-Burney Falls Memorial State Park in Burney, California. They live in San Jose with cats Tormund and Nymeria.

Marc Trasolini '12, **MBA '16** and **Kortney (Wynn) Trasolini '12** wed July 8, 2017, in Our Lady of Perpetual Help Parish in Vancouver, British Columbia, Marc's hometown. The Trasolinis live in Hokkaido, Japan, where Marc is playing pro basketball and Kortney has continued her career as an independent accounting contractor.

CINNAMON SPECIAL
Batch No. 1 of **Joe Cannella '03** and family's namesake **Cannella Cinnamon Cordial** was released in November 2014. With his dad as his business partner and his wife, **Annie Gastelum '03**, as the first sales manager, **Cannella Spirits** has expanded distribution to nine states and launched two other products: **Amaro Cannella** and **Fernet Cannella**.



officer for OneLogin, a late-stage technology startup based in San Francisco. Kelly spent the last five years running global product marketing for DocuSign Inc.

1996 Allen Eraut was recognized in the 2018 edition of *The Best Lawyers in America* for his work in construction litigation and product liability litigation defense. As a shareholder of the Rizzo Mattingly Bosworth law firm, Eraut represents clients in complex litigation involving construction, environmental and toxic tort, professional malpractice, trucking, commercial disputes, and more.

1997 Mary Cox proudly lives and works in Amman, Jordan, supporting the humanitarian response to the Syrian Civil War. Through the International Rescue Committee, she helps people recover and regain control of their lives. ¶ **Mark Emanuelson MBA** writes, "Returned to the USA after working 15 years in Europe, now with digital consultancy Publicis.Sapient, and enjoying Midwestern hospitality in Chicago." ¶ **Guisselle Nunez** is celebrating two years as the director of marketing, public and government relations, for the Chabot-Las Positas Community College District, serving Alameda County. Her passion remains in helping organizations and individuals communicate their value through marketing and branding strategies.

1998 REUNION YEAR
Christina Turner has been selected as Morgan Hill city manager. She started working for Morgan Hill in March 2016 as assistant city manager and oversaw finance and budget, human resources, information services, and council services. Turner previously served as the finance director and treasurer for the city of

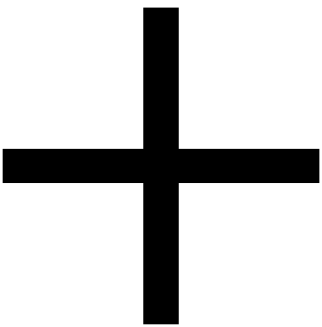
Gilroy. She lives in and is actively engaged in the South Santa Clara County community with her husband, an area chef, and her teenage daughter and son.

1999 Peter Gielniak J.D. was named president of the Mills-Peninsula Hospital Foundation. In this role, he will lead the foundation's philanthropy program and work with local donors on transformational initiatives. Previously, Gielniak was the executive director of gift planning for Sutter Health in the Bay Area as well as a major gift officer at SCU. While attending Santa Clara Law, Gielniak served as managing editor of the *Law Review*. He lives in San Mateo with his wife and three children.

2000 Sarah Reagan Christie has been named to the Treehouse Young Professionals Board. A Seattle, Washington-based nonprofit, Treehouse helps kids in foster care graduate from high school at the same rate as their peers—in addition to helping them develop a plan for their future. Christie is also a senior manager at Deloitte Tax LLP. ¶ **Kevin Rodriguez J.D. '05** is chair of the trust and estate litigation practice group at Wendel, Rosen, Black & Dean in Oakland. ¶ **Christine (Kerner) Winge M.A.** has been appointed executive director of AMP Media in Monterey. Winge, a longtime Monterey Peninsula resident, comes to AMP Media from the USS Hornet Sea, Air & Space Museum in Alameda, where she served as the senior director of operations. Her background includes broadcast news, fund development, consulting, and operations.

2001 Christina Guzmán is back at SCU serving as the director of the Office for Multicultural Learning. She received her M.A. and Ph.D. at UC Santa Cruz and has taught ethnic studies classes at SCU.

2003 REUNION YEAR
Joe Cannella '03 always knew that *cannella* meant "cinnamon" in Italian, but it wasn't until 2010 that he came to understand his Sicilian roots. On his first visit to Catania, Sicily, he and his uncle came across a bottle of "Rosolio di Cannella," which became the inspiration for the first product bottled by their new company, Cannella Spirits: Cannella Cinnamon Cordial. Home base for Joe and the Cannella family business is in Reno, Nevada. They plan to launch their own distillery in San Francisco this coming summer. Joe and wife **Andrea "Annie" Gastelum**



Born LEADer. Ask the first group of LEAD scholars and they’ll tell you they were family. During the early aughts, the first-generation students ate together, studied together, broke down barriers together. But **Yuridia (Estrada) ’07** and **Juan Esquivel ’09** took the family part a little further. The couple met and fell in love at SCU, wed in 2010, and welcomed the first LEAD baby, Alexander, June 1, 2017.

Yuridia and Juan had a lot in common had a lot in common, right from the start. As LEAD scholars, both were ambitious first-generation college students. Both lived on the same floor in Sobrato Residence Hall their first year. Both loved the L.A. Lakers.

“We always ended up walking to class together or hanging out together,” Yuridia says. Between classes, they sat with other LEAD scholars at the big round tables in the Benson Memorial Center. By the end of that first year their friendship had blossomed into a relationship—it was on-again, off-again, until it was on for good. Juan and Yuridia were married in the Mission Church in 2010.

They just celebrated their 10-year reunion—and before that, they returned to campus with little Alexander in tow. “You love your parents, you love your husband, but having a child, it’s a very different kind of love,” Yuridia says. “It’s something very amazing.”

Alexander came into the world riding good vibes. Yuridia started feeling some signs of labor early on May 31, but decided to go to a yoga class. After class, her instructor sent her on her way with a prayer. Then came lunch with yoga buddies and dinner with friends. By midnight, she was in labor. Alexander was born the next day right before noon. Prayer. Friends. Food. Not a bad start.

Juan, who is the third in his family to bear the name Juan Esquivel, decided against Juan IV, wanting to give his son his own legacy. Yuridia liked the ring of Alexander. Plus it’s easy to pronounce for people whose first languages are both English and Spanish. “My name, people tend to have a hard time saying it,” she says.

On Alexander’s reading lists when Mom does the reading: *Are You My Mother?* and *Goodnight, Goodnight, Construction Site*. Juan is more rambunctious, reenacting scenes from *The Jungle Book* with Dad as Baloo and Alexander as Mowgli.

Being a parent has made him more observant, Juan says. When he gets home from work, he puts his phone away and gives his son all his attention. He thinks back to his childhood and how hard his parents worked to give him an easier life. He wants to honor that sacrifice. “They didn’t have that time to be reading to you. They gave you a roof over your head to sleep, and the chance to study,” Juan says. “We read to him every day.”

“Parenthood is an adventure. They’re beautiful little individuals that require so much from you,” says Yuridia Esquivel ’07.



PHOTOGRAPHY BY CHARLES BARRY. WORDS BY MATT MORGAN

Births & Adoptions

Patricia (Ball) Alberts ’98, J.D. ’03 and husband Erik welcomed their baby boy, Robert “Robbie” Reginald, on June 29, 2017, in Santa Monica, California where the family resides. Robbie joins big brother Evan. Patricia is a partner at Manion Gaynor & Manning LLP, and Erik has his own practice in Los Angeles.

Casey Bowles ’00 and Lauren Hogel welcomed Tyler Alexander Bowles into the world on Oct. 17, 2016. Casey is a school counselor living with his family in Pittsburgh, and looks forward to getting more sleep in a few years.

Casey Costello ’00 and **Jennifer (Sticinski) Costello ’00** welcomed their third child, Morgan Irene Costello, on April 14, 2016. She joins big brothers Mason and Cooper.

Lindsey (Wylie) Kouvaris ’02 and **Nick Kouvaris MBA ’07** welcomed their second child, Hannah Christine, on April 26, 2017. Big sister Emilia is her biggest fan.

Kathy (Tran) Shaw ’02 and husband Kyle welcomed their second child, William Hieu Shaw, to their family on Oct. 4, 2017.

Sarina (Passarelli) Bronson ’03 and husband Greg were blessed with their fifth child on Aug. 8, 2017. Martha Clare is loved by her three big brothers and her sister, Lucy. The family lives in Rescue, California.

Mary Carlich ’04, J.D. ’07 and her husband welcomed a baby boy on Sept. 7, 2017. His big sister was so excited! The newly expanded family lives in Newberg, Oregon.

Allison (Stover) Fiscalini ’05 and **Chris Fiscalini ’04** welcomed their second boy, William Andrew Fiscalini, on Feb. 22, 2017. Will joins big brother Nick, who is 3 years old. The Fiscalinis recently moved from San Francisco to Novato.

Chris DeMartini ’05 and **Megan (Koppes) DeMartini ’05** welcomed their third daughter, Olivia Kathleen, on Oct. 20, 2017. Olivia joins big sisters Abigail, 6, and Madelyn, 3.

Jessica (Frank) Brown ’05 and husband Peter Brown welcomed their daughter, Charlotte Austen Brown, on Oct. 12,

2017. Charlotte weighed in at 7 lbs. and measured 19.75 inches long. Charlotte joins big brother Connor, who is 2 years old. The family is happily adjusting to their family-of-four status at home in Walnut Creek.

Katie (Roberts) Payer ’06, along with husband Brian and daughter Caroline, welcomed Blake Jase Payer on July 18, 2017. The family of four lives in Denver. Payer continues her role as the Denver alumni chapter president and just joined the national SCU alumni board. She is looking forward to continuing her involvement with Santa Clara and raising future Broncos!

Anita Phillips ’06 and **Trevin Phillips ’06**, along with daughter Mae, welcomed baby girl Margot on May 26, 2017. The family lives in San Francisco.

Annie (Heise) Kelly ’06 and husband Chris Kelly, a graduate of University of Notre Dame, welcomed their first child, Patrick Frederick Kelly, on June 4, 2017. The family lives in San Francisco.

Paige (Rossetti) Abdelmalek ’06 and husband Andy Abdelmalek welcomed a baby boy, Anthony Logan, on Aug. 18, 2017. Paige and Andy both work at Google in Los Angeles.

Jane Kim ’07 welcomed baby girl Hana on Aug. 21, 2017.

Parents **Patricia (McGlynn) Reiss ’07** and Eric Reiss welcomed Houston Thomas Reiss on July 3, 2017, in Scottsdale, Arizona.

Josh Zuniga ’07 and **Emily Wetherley ’09** welcomed Jasper James Zuniga to the world on July 7, 2017. “We brought him to Grand Reunion this year all the way from Salt Lake City!” writes Josh.

Pauline Koo ’07 welcomed baby boy Austin Chester Koo on June 24, 2017. The family lives in Los Angeles, California.

Julie Erickson ’08 and **Tommy Kelly ’08** welcomed baby boy Liam on Oct. 1, 2017. The newly expanded Kelly family lives in San Francisco.

Victoria (Fraser) Frank ’08 and husband Matthew welcomed their first child, baby girl Emma Claire, on Aug. 22, 2017.

Grace Wu ’10 and **Aung Lwin Oo ’11** welcomed baby boy James on Feb. 22, 2017. The family lives in Yangon, Myanmar.

HERDING CATS
If Karen Webb J.D./MBA ’04 wasn’t busy as a partner at Fenwick & West, working with high-profile clients, what would she like to try? She told the *Silicon Valley Business Journal*: “Founder of my own startup, and kitten wrangler on the side.”

have three children: Carolina (2 years old) plus newborn twins Antonino “Nino” and Isabel. **¶ Emily (Moody) Wilcox MBA ’09** is now assistant dean of strategic services and dean’s office relations for the Leavey School of Business. Emily and husband Lee recently welcomed a son, Adam Frederick Wilcox. Adam joins big sister, Abby.

2004 Karen Webb J.D./MBA was named a 2017 honoree of the *Silicon Valley Business Journal* 40 under 40 list. Webb is a partner at Fenwick & West and specializes in brand strategy and the protection of brand assets. She has worked for high profile companies like Twitter and Fitbit, where she managed their brands and trademarks on a global scale. Additionally, Webb offers pro bono legal services.

2005 Adam Bloom J.D. was named partner at Wilson Sonsini in Palo Alto. He advises clients on business and corporate law matters. **¶ Jennifer Bradford** recently moved from the Chicagoland area back to Silicon Valley. She is serving as an adjunct lecturer in the Department of Theatre and Dance at SCU. Bradford is excited to connect and work with so many other SCU alumni in the Bay Area as a project manager, performer, and on the alumni board. The love extended from other Broncos has made the transition back to the Bay Area easy, she says. **¶ Anirban Kundu M.S.** was named a 2017 honoree for the *Silicon Valley Business Journal* 40 under 40 list. He currently serves as chief technology officer for Evernote, a note platform with more than 200 million users. As *SVBJ* notes, Kundu has multiple patents under his belt and has “earned a reputation as a trailblazing technologist.” He started in 2002 as a software engineer with Yahoo! and served as lead developer on several projects before founding RokketLaunch and serving as VP of engineering at GoDaddy.

2006 Sheeva Ghassemi-Vanni J.D. is a partner at Fenwick & West in Mountain View, where she focuses on labor and employment law. **¶ Jack Gillum** has joined the rapid-response investigative team at *The Washington Post*. He arrived at the *Post* by way of the Associated Press investigative desk in Washington, D.C., where he landed significant exclusives by scrutinizing digital media. Gillum’s investigative reporting for AP included uncovering that Hillary Clinton’s private emails were hosted on a server in her Chappaqua, New York, home and that Illinois Rep. Aaron Schock spent

taxpayer money and campaign funds on air travel with donors. ¶ **Tara Macken** is Tar-aji P. Henson's stunt double in action film *Proud Mary*. She also recently appeared in *Suicide Squad* and *Thor: Ragnarok*. ¶ **Justin Miyai J.D.** is an administrative law judge at the California Department of Health Care Services in Sacramento.

2007 **Hendrik Pretorius J.D.** co-chairs the high growth practice at Pearl Law Group in San Francisco. ¶ **Bobby Rasmussen** and girlfriend (and fellow Bronco) **Stephanie Petersen '09** are living in Palo Alto. Bobby writes: "Still dominating on the tennis court by competing for the Olympic Club in San Francisco. Go Broncos!"

2008 REUNION YEAR **Wayne Chi J.D.** created the Hawaii-based real estate and lifestyle show *Aloha Life*. The pilot episode aired on HGTV in November 2017.

2009 **Griselda Orozco** returns to SCU as a gift planning associate for University Relations. Previously, she worked in community relations at Texas Instruments. ¶ **Crystal Riggins J.D.** was a 2017 honoree on the *Silicon Valley Business Journal* 40 under 40 list. She is a shareholder at Hoge Fenton and has taught appellate advocacy at SCU Law. She specializes in representing students in Title IX cases—ensuring that women are protected in educational programs.

2010 **Ruben Dario Villa** made headlines with his gum mosaic of Frida Kahlo, titled *Frida4587*. He writes, "My Frida piece is an expression of my personality. It's nostalgic.



It's vibrant. It's catchy and kitschy at the same time." In addition to his artistic pursuits, Villa is as a visual designer for Google Maps and founder/CEO of Fúchila Fresheners, a Chicano and Latino pop culture-inspired line of air fresheners. *[We're also proud to claim Ruben as a former design intern in our office. —Ed.]*

2011 **Yaya Morales M.A. '15** teaches Spanish and dance at Cristo Rey High School in San Jose.

2012 **Shyla Jones J.D.** is an associate in intellectual property at Ice Miller in Chicago, Illinois. She is a licensed patent attorney.

2013 REUNION YEAR **Eric Blank J.D.** has joined Schwabe, Williamson & Wyatt as an intellectual property attorney in its Mountain View office. He is responsible for helping Schwabe stay on the cutting edge at the intersection of the tech industry and the global economy. Blank's focus includes the prosecution of patent applications and communicating with inventors and decision makers in high-tech environments. ¶ The National Academy of Television Arts and Sciences in 2017 nominated **Elizabeth Mendez** for outstanding coverage of a breaking news story in Spanish. While at SCU, Mendez triple-majored in political science, ethnic studies, and communication. After working with NBC as a producer in New York, she has moved to Al Jazeera Media Network as a freelance deputy news editor in Washington.

2014 **Kelsey Dedoshka** joined Apple a year ago as a software engineer. Last year she presented at Apple's Worldwide Developers Conference (WWDC 2017). ¶ In September 2017, **Leah Gonzalez** finished wrapping up working as the writer's production assistant on Lena Waithe's show *The Chi*. She gained intimate knowledge of the inner workings of a writer's room, learned how to break story, and formed lifetime friendships. Since then, she's been welcomed as a member of Waithe's circle of mentees, getting the opportunity to share her work with other young TV writers. She now lives in Long Beach, California where she is combining her creative pursuits with a career in education. *[We're proud to say that Leah was an intern with this mag, too! —Ed.]* ¶ **Jack J. McMorrow J.D.** is a family law attorney at Harris Ginsberg in Los Angeles. He is president-elect of the barristers' section of the Beverly Hills Bar Association.

2015 **Nancy Orocio** recently spoke at the Women's Leadership Breakfast benefitting the Boys and Girls Clubs of the Peninsula. She writes, "I talked about being an undocumented immigrant growing up in the Bay Area and how I was able to achieve my dreams despite these challenges. I was blessed to have the support of the Jesuits at Santa Clara University, mentors at Boys and Girls Clubs of the Peninsula, and my family to help me achieve my dreams. I now work as an immigration counselor for a nonprofit agency in San Jose." ¶ **Matt Peters** is SCU's new assistant director for Chapters and Groups. Raised in Southern California, he spent two years with the Pacific Alliance for Catholic Education in Portland, Oregon, teaching under-resourced middle school children while obtaining a graduate degree in education. ¶ **Sarah Wright** is the 2017 recipient of the Dunlap Bennett & Ludwig scholarship, awarded to students who are committed to making a difference in their communities. She is pursuing her master's in social work at the University of Southern California.

2016 **Francis Estacio M.S. '17** and **Taylor Mau '18** presented a poster, "NanoGrid: A path to energy efficiency and renewable energy," at IEEE SusTech 2017 in Phoenix. ¶ **Abby Lewis** is head coach of SCU women's lacrosse for the 2017–18 season. Lewis played the sport all four years of her undergraduate career and held various positions of leadership, ranging from fundraising chair to senior captain. ¶ **Brittni Vargas** and **Breana Vargas** performed in the Portuguese version of Broadway's *Carnaval*, with shows around the Bay Area and California in February 2018. They starred in the production "Os Portugueses no Paris" under the group Do Carnaval Ao Céu.

2017 **Alex Choulos** co-authored a journal paper with researchers at Yahoo Research and Drexel University titled "Product review summarization through question retrieval and diversification." The paper, published in *Information Retrieval Journal*, uses a recurrent deep neural network to measure the "answerability" of questions with respect to product reviews. ¶ **Jake Osoke M.S. '18**, **Grant Mishler '18**, **Dante Dalla Gasperina '18**, and **Collin Walther '18** won the San Jose Earthquakes Entrepreneurial Design Challenge grand prize of \$2,000. The group presented an augmented reality app that leads attendees around the Earthquakes' stadium while trying to get a soccer ball into a goal.

PHOTOGRAPHY COURTESY RUBEN DARIO VILLA '10



Fruit of the Vine. Some people become social entrepreneurs because they have a passion for eradicating poverty through a commercial business. **Rebecca (Mason) Kaduru '09** became a social entrepreneur in Uganda thanks to a different kind of passion—passion fruit. She is also the first SCU grad to become an alumna of Miller Center's Global Social Benefit Institute.



While doing graduate studies in Uganda, Rebecca met her future husband, Eric Kaduru, then an advertising professional in Kampala. The couple moved to Fort Portal, a few hours west, where Eric had land, to try farming. "Things grew pretty well," Rebecca says. "But we had a really, really, really hard time selling them." The problem: Ugandan markets are controlled by produce resellers who leverage the inefficient marketplace to drive down prices paid to farmers. The Kadurus discovered that passion fruit was a high-demand product traders hadn't cornered. They hired workers and found women particularly reliable—including young

girls who had dropped out of school and were often already married with children; they were less likely than men to take a few unexpected days or weeks off. But women didn't want to be paid in cash; husbands felt entitled to wives' income. The Kadurus saw both problem and opportunity—to help women protect what they earn. They brought groups of 30 girls at a time to work together, several times a week. They taught life skills—from hygiene to investment strategies. After a six-month "KadAfrica Experience," the girls are expected to make the most of the fruit being grown on plots leased to KadAfrica

by churches, the government, or others. They sell harvested fruit back to KadAfrica and pool the proceeds in savings groups, for loans or reinvestment. In 2017, the Kadurus traveled to Santa Clara University to attend Miller Center's Global Social Benefit Institute Accelerator. Rebecca is the first SCU grad to come through the program, which is more than a decade old. Their next goal: leverage USAID grant money to start processing the passion fruit into pulp. That will help insulate the company from future price drops, and it will generate more money to help more girls go through the KadAfrica Experience.

The next goal: KADAfrica hopes to leverage USAID assistance to purchase equipment to make passion fruit pulp—and expand the program.

WORDS BY DEBORAH LOHSE. PHOTOGRAPHY COURTESY KADAFRICA

Obituaries

We publish news of the passing of Broncos as we learn of it. Find obituaries published in their entirety at magazine.scu.edu/classnotes. Family members may also submit obituaries and photos there.

1940 Born on July 6, 1917, **Harry Joseph Zell Jr.** served as an Army captain in the European theatre during WWII, helping to liberate the Dachau concentration camp in addition to receiving a Bronze Star for bravery. During the war, his unit passed through the village of Theresa Neumann where he reported witnessing her stigmata wounds. He died peacefully on his birthday in 2016. Family alumni include sons **Peter Zell '69** and **Gregory Zell '79**.

After Harry Zell Jr. '40, right, received his medical degree from USC School of Medicine in 1944, he put his medical know-how to heroic use, serving overseas from 1945 to 1946. Following WWII, he practiced medicine in San Gabriel, California, as a general practitioner for over 40 years, until his retirement at 78 years old.



1941 **James “Jim” Hartwell Flippen Jr.** was known for his groundbreaking contributions to medicine as well as for his wit and wisdom, dapper bow ties, ever-calm demeanor, and active community involvement. He wed Beverly Walsh in 1946. For four decades Jim was a pediatrician and clinical professor of pediatric cardiology at Stanford Medical School. He was a champion tennis player and competed into his 90s. Jim died peacefully at the time of the solar eclipse on Aug. 21, 2017, at 97 years old. He was the devoted father of **James Flippen III '70** and **Kathleen Carmel '69**.

SMASH HIT
Watching on live TV in 1951, Bob Lacey '44 and his dad saw the most famous homer of all time: New York Giants' Bobby Thompson's "shot heard around the world." Bob became a diehard Giants fan when the team moved to San Francisco in 1958. He also claimed status as Willie Mays' No. 1 all-time fan.

1944 **Robert “The Irish Tenor” Lacey** served in WWII until his honorable discharge at the rank of first lieutenant, earning both a Purple Heart and a Bronze Star. Family members who retraced his WWII steps

in Germany found he crossed the famous bridge over the Rhine at Remagen. Bob was a dedicated and passionate Catholic, talented singer who performed professionally in San Francisco, and devoted husband to Gail. To support his family of five children, he helped establish a successful home construction corporation in the Bay Area. He died peacefully in his home Aug. 16, 2017.

1948 **George Stafford** was known for his great sense of humor, incredible optimism and patriotism, and devotion to Margaret, his wife of 70 years. His love for the Catholic Church and parish life developed at Mt. Carmel Elementary, Bellarmine College Prep, and SCU—experiences enriched by his lifelong friendship with **Robert Graham, S.J.**, George's teacher at Bellarmine and professor at SCU. George spent his life (from boyhood to age 93) nurturing in his renowned garden many redwoods—63 in all. He peacefully passed on July 9, 2017.

1949 **John Robert Banister** enjoyed a long career in academia: as assistant to the academic vice president and as associate professor of English at San Jose State University, as associate dean at the California State University Chancellor's Office, and with national organizations dedicated to improving teaching English. In 1981, he returned to San Jose State as professor of English, specializing in Victorian literature. He passed away on Sept. 30, 2017.

While at Santa Clara, **William “Bill” J. Ronchelli** joined the ROTC program and later served two years in the Army as a second lieutenant. Living and working in San Francisco, he met Mary O'Leary at Saint Monica's Parish (the Young Adult Monican Club was the start of many friendships). The couple wed and raised seven children. For 30 years, Bill worked for his father in the produce business. He had a passion for gardening grafted fruit trees and starting seedlings in his greenhouse. Bill passed away peacefully at home on March 5, 2017.

1950 **Joseph “Joe” Richard Dunlap** was born and raised on the South Side of Chicago. He treasured Windy City memories of getting Babe Ruth's autograph and delivering the morning paper to Al Capone. In college he played baseball and remained lifelong friends with teammates **Charlie Bedolla**, **Bob Ferrari**, and **Jack Smrekar**. He also met Ann McLaughlin, whom he married and raised four daughters with, including **Julie Dunlap '82**. On Jan. 3, 2016, Joe died at 95.

1951 With a father playing minor league ball, **Andrew “Buzz” Harrington Jr.** was known for darting around the team clubhouse as a youngster, earning the lifelong nickname “Buzz” from his dad's teammates. He practiced law for over 30 years, read voraciously, and kept a revolving stack of library books. Devoutly Catholic, his faith extended to the athletic field: He was a huge fan of Notre Dame and Bishop Kelly sports and proud to win the inaugural lifetime Bishop Kelly fan award. On Aug. 21, 2017, he passed away in Boise, Idaho.

A man of unmatched faith, wit, and one-liners, **Lawrence “Larry” Johnston** enjoyed a rewarding career with Bank of America. His extensive volunteer work included Stanford Hospital Eucharistic Ministry, the Salvation Army, St. Francis Center, and the Menlo Park Historical Association. Patriarch of his family and loved by his community, he was Irish by roots but Italian in sensibility, and a lover of Manhattans, good food, fine shoes, Fox News, and all things Menlo Park. Larry passed away Jan. 11, 2016.

1952 **Charles Hawkins** born in San Francisco, attended Placer Junior College and SCU, and graduated from the University of San Francisco after serving in the Air Force. He passed away peacefully July 11, 2017, in Roswell, Georgia, at 86.

Francis “Frank” Michael Heffernan Jr. loved his friends, faith, and school, his SF Giants, Irish heritage, cocktail hour and—most important—family. Following in the footsteps of his father, he attended SCU, where he swam and played water polo. (As a kid, Frank recovered from polio by dedicating himself to swim sessions at The Olympic Club.) His lifelong commitment to SCU included coaching water polo in the 1950s and serving as a regent. In 1952, he met Lenore, his future wife of 59 years; it took six years to head down the aisle. Frank also enjoyed a 50-year career in the insurance industry. He died Aug. 1, 2017, and is survived by his wife and children, including **F. “Mike” Heffernan '80** and **Ann Marie Heffernan '84**, and grandson **Francis Michael Heffernan '16**.

Elio “Al” Martin called San Mateo home for more than 80 years. He began his career in finance and worked as chief accountant and controller for the American Forests Products Co. as well as founding CFO of Taos Mountain Software. He helped many with financial advice and tax preparation, free of charge. Al passed away Oct. 10, 2017. He is survived by his lovely wife, Barbara, children, and grandchildren, including **Lauren Urrutia '10**.

1953 Following his graduation from SCU, **William J. Brady** studied at Oregon Health Sciences University, receiving his M.D. in forensic pathology. He was elected county coroner and served as Oregon State Medical Examiner until 1985, when he went into private practice. A well-known expert witness in legal and law enforcement circles, he also authored a textbook on forensic pathology. He died May 10, 2017, at 85, leaving behind his wife, Mary Lou, five daughters, and 14 grandchildren.

In 60 years of ministry, **Fr. Gerald Albert Buckley** taught, preached, and governed with a lighthearted spirit and a passion for telling others about Jesus Christ. In addition to teaching at Dominican University and St. Mary's College, he served as director of Western Dominican Preaching and as superior at the University of Oregon and Arizona State University. He died Aug. 15, 2017, leaving behind brother Cornelius Buckley, S.J.

Thomas A. Hemker married sweetheart Barbara on June 13, 1953, the same day as his SCU graduation. They had three children and were inseparable from the time they met, always together during their 63 years of marriage. An engineer specializing in missile guidance systems, Tom helped MIT build the guidance systems that took the Apollo astronauts to the Moon and back. After leaving the aerospace industry, he became a high school physics teacher before finishing his career with the Navy. Tom left this world April 7, 2017.

Louis Melvin “Mel” Pollard Jr. left SCU as its distinguished military graduate. His long career in the Army included tours to Iceland, Korea, Vietnam, and Germany, and domestic postings. Mel loved to travel and was proud of his certificated “Hole in One” at the Mayan Palace in Acapulco, Mexico, which he and his wife visited every year. Mel resided in Tucson, Arizona, where he was active in Catholic Community Services and the Knights of Columbus. He and Jeanne Therese Pollard were married for 54 years. He died on Aug. 7, 2017.

A standout Bay Area football player, **Joe Ramona** married his high school sweetheart, Joanne Dudley, before going on to play a year with the New York Giants. He also served two years as an officer in the Army and became a successful businessman. Joe loved Sunday family dinners and summer vacations at the family's mountain home on Donner Lake. He also had a green thumb, growing beautiful vegetable gardens in his backyard. On Aug. 17, 2017, he died peacefully at 86 years old. He is survived by his four children, including **Dave Ramona '82**.

1954 Born April 18, 1932, in Sacramento, California, **Robert E. Bradley** rejoined the Lord on Dec. 16, 2016, at the age of 84. His loving wife, Frances, son Chuck, stepchildren, grandchildren, and great-grandchildren survive him.

1956 As a young lieutenant with the 101st Airborne, **Marty Sammon '56, MBA '63** showed courage when it mattered most. He and his soldiers were sent to Arkansas in 1957 to protect the Little Rock Nine: African-American students who just wanted to attend Central High School. Marty loved boxing, too; he called it “a course in courage.” He judged hundreds of professional fights, among them world title bouts, and appeared in films—including *Million Dollar Baby*. He had a successful career as a stockbroker and a blessed life together with Rosemarie, his bride of 60 years. Martin Patrick Sammon died on Sept. 14, 2017. He will be missed deeply by family, including daughters **Sharon '82** and **Lisa '83**. For the Fall 2017 edition of this magazine, Marty told the story of Little Rock and the long arc of his life in person. We called it “Courage Central.”

1958 A year after graduating from SCU, **Joseph J. Tomasello** wed Lori Triolo. He served in the Army and spent 40 years in the family farming business in Watsonville, serving on the board of the Western Growers' Association and the Salinas Valley Grower-Shipper Association. In retirement, he enjoyed golf, travel, cooking, and serving his “Nona's” favorite Italian dishes to his children and grandchildren. He died unexpectedly but peacefully on Sept. 15, 2017.

1959 Entering Iowa's New Melleray Abbey in 1975, **Neil Robert Paquette** was ordained in 1994 and served as a priest for nearly 23 years. During the last five years of his life, he responded to health setbacks with notable patience, good cheer, humility, and spiritual wisdom. He was a monk to his depths, devoted to the Greek New Testament and the *Rule of Saint Benedict*. Fr. Neil died July 6, 2017.

1960 **Dan Oneal J.D.** was born and raised in San Jose and enjoyed a 49-year career as a third-generation Oneal lawyer in Santa Clara County, primarily practicing criminal defense. He loved hunting and fishing, and playing golf at San Jose Country Club, followed by the invariable gin game. Dan died on Sept. 9, 2017. He is survived by his

loving wife, “Mimi,” and children **Jeffrey Oneal '83, J.D. '86** and Lynne. His late father, **Duncan Oneal '23**, and late brother **Louis Oneal J.D. '61** also attended SCU.

1961 **Michael Briski J.D.** lived the American Dream. He was born in a coal town in New Mexico, but his father moved the family to Mountain View, California, after he decided “the next mine cave-in might be his



A PILOT'S LIFE
In addition to his volunteerism, Des Coffee '61 served two tours in Vietnam, flying in the A3 Sky Warrior jet, at one point the largest plane to land on a carrier. He also taught at the U.S. Naval Academy and served the Joint Chiefs of Staff at the Pentagon on a special task force directed by President Jimmy Carter.

last.” At UC Berkeley Michael met the love of his life, Kathryn Bell, and they were together 58 years. He practiced law in the Bay Area for four decades. He passed away on July 31, 2017.

A man who served God to the end, **Desmond “Des” T. Coffee** was born in Visalia, California. At the start of his Navy career, he married Tiblene Peace—in between flight school and advanced flight training. He loved skiing and spent years as a ski and kayak instructor for the disabled through nonprofit New England Handicap Sportsman. Des also volunteered for Care-Givers of America—he wanted so much to help the elderly stay in their homes. He died July 19, 2017.

1962 **John Nolan Hedberg** was born in Los Angeles and served as SCU class secretary and social chair. He returned to Santa Clara to earn his teaching credentials and touched many lives in the San Jose East Side Union High School District, where for 30 years he taught English, reading, and writing, and served as department chair. On June 6, 2015, he passed away at home in Cambria, California. He is survived by many family members, including brother **Thomas Hedberg '60** and son **Justin Hedberg '96**. **Roy Francis Schoepf II** devoted his life to God through his Catholic faith, family, and community. A retired U.S. Coast

PHOTOGRAPHY COURTESY FAMILY OF HARRY ZELL

PHOTOGRAPHY COURTESY U.S. NAVY NATIONAL MUSEUM OF NAVAL AVIATION

Guard commander, he died Aug. 17, 2017, and is survived by his loving wife, Diane, four children, and eight grandchildren.

1963 A Jesuit for 67 years, **William Kiley Stolz, S.J., MST** served as principal of Loyola High School and Verbum Dei High School in Los Angeles and as principal of Red Cloud Indian School in Pine Ridge, South Dakota, always teaching. In 2011, he left the classroom for a ministry of prayer. He cared deeply about educating underserved populations—in urban areas and on reservations. He died July 21, 2017, at 85.

After graduating from SCU, **Robert B. Yonts Jr. J.D. '68** joined the Army and was stationed in Germany as a member of the 7th U.S. Calvary. Returning for his law degree, he enjoyed a private law practice in Santa Cruz, which led to appointment as a Superior Court judge in Santa Cruz County for more than 16 years. He died on April 9, 2015.

1964 Born in Chicago, **William “Bill” Hackett** started his career at Stauffer Chemicals and Safeway Stores, but he invested his heart in founding John F. Kennedy University. He went on to own packaging companies, taking pride in shipping supplies to Navy sites in the Middle East during Desert Storm. He loved his two daughters and family and lived for Gonzaga basketball, Cal rugby, playing golf, drinking Coors Light, reading voraciously, being Irish, and regaling people with exaggerated stories of his capers. He died Aug. 25, 2017, at 75 years old.

J. Paul Heinzinger MBA was husband, father, teacher, carpenter, engineer, manager—and always quick to lend a hand. Paul worked as an electrical engineer, and in 1957 married Mary Lou Ryan, raising four children together. In retirement, Paul greatly enjoyed coffee with “the men,” square dancing with Mary Lou, and being active in his grandchildren’s lives. He passed away peacefully on June 18, 2017.

Not long out of SCU, **Jack Macy** was charged with ensuring that in a major earthquake, the Transbay Tube at the bottom of San Francisco Bay wouldn’t fail. When the Loma Prieta earthquake struck in 1989, he was elated that the tube withstood the shock. Over the course of a 40-year career, Jack also contributed to engineering projects throughout Sonoma County. In retirement, he enjoyed RV travel with wife Jacky. He died on Aug. 2, 2017, at 75.

1967 For **Raymond Basso MBA '70**, it was at SCU that he met and fell in love with his

ASK WHAT YOU CAN DO
Working hard with colleagues to obtain the necessary accreditation, Bill Hackett '64 fostered John F. Kennedy University through humble beginnings in Martinez, California, in 1965, serving as an instructor and as the dean of business in the '70s and '80s.

In the '60s, Jack Macy '64 had been charged with ensuring BART's Transbay Tube would survive a quake. Some years after the Loma Prieta quake struck in '89, he looked back and said, “It is still a good feeling to know that, even with our somewhat primitive tools and unproven theory, we had done the job right.”



beautiful bride, **Mary (Moroney) Basso '67**. He spent nearly 30 years working for Hewlett Packard as a comptroller before joining the family business, Guyan Eagle. He passed away peacefully in his home surrounded by his children on June 17, 2016. His dear wife passed away that same year.

1968 **Robert John “Bobby” Fatica** was born in Visalia, California, and worked as a self-employed CPA for 45 years. His generosity included buying sets of tires, financing nursing school for someone who rescued him off Highway 99, and paying for young people to have eye surgery. Bob married his best friend and love, Susan, and together they conquered their mountain of life. He died July 5, 2017, in Visalia at the age of 71.

John A. Hinds M.S. was commissioned in the Navy and served in the naval reactors program. Work took him around the world for over 30 years: as a vice president of General Electric, president of AT&T International, and executive vice president of Verifone. John was an avid golfer and fly fisherman, an occasional upland bird hunter, and loved the study and tasting of fine wines. He passed away on May 2, 2017.

1969 **Maryanne Nilmeier Dengler '69** lived a life full of family, friends, and career. She enjoyed gardening, flower arranging, and singing in choir. Her life ended Dec. 5, 2015, when she died peacefully after a four-year struggle with brain cancer.

1970 Upon high school graduation, **Anthony “Tony” LoBue M.A.** and his new wife, Georgia, moved to San Luis Obispo, California, to attend Cal Poly. Tony earned a teaching credential and a master’s in education from SCU. In 1991, the University recognized him as an Outstanding Alumnus. For the Scotts Valley School District, he helped write the ACARE program, which helps students develop caring, compassionate attitudes and behavior. Tony

also was a dedicated husband and father to two children. He passed away Aug. 3, 2017.

Paul Luper M.S. enjoyed an illustrious 40-year career with IBM. He held management positions at Memorex of California and Atlas Electronics of Malaysia. He married the love of his life, Berna, and was a devoted family man and well respected in the community. He moved to Austin, Texas, in 1990 and made his life there for the past 27 years. Paul died July 25, 2017, at 77.

1971 **Francis Burton Doyle** was an estate and trust attorney whose practice touched the lives of many families and charities. He helped found the Jerry A. Kasner Estate Planning Symposium at SCU and taught wills and trusts at Lincoln Law School for almost 25 years, receiving its Lifetime Achievement Award in spring 2017. He was the father of three children and beloved husband of **Nancy Fahrner Doyle**. On Sept. 15, 2017, Frank died peacefully at home from stomach cancer.

1973 **Lloyd Richard “Rick” Chiala** started his career in agriculture irrigation systems (his father founded Chiala Farms in Morgan Hill) before getting his real estate broker license. Rick was active in commercial real estate sales and investments while simultaneously managing the family estate. He loved sitting on the back patio after an exhausting day, sipping a cocktail, and enjoying cheese with family and friends. He died on May 2, 2016. Brother **George Chiala '64** passed away in January 2017.

1974 A fifth-generation San Franciscan, **Francis Oliva** had numerous careers: He taught at Cardinal Newman High School, worked as a production assistant at the San Francisco Opera, directed opera, and worked as a consulting systems engineer for Bank of America. He expressed his gratitude for his years of AA sobriety by founding a number of meetings in San Francisco—in addition to running a well-known fourth step retreat at St. Dorothy’s Rest. Frank passed away on July 12, 2017, and is survived by his spouse of 31 years, Steve Mills.

After receiving an appointment to the U.S. Naval Academy, **Ronald Wright J.D.** married Connie, whom he met at a sailing regatta in Annapolis, Maryland. Throughout his life, he spent countless hours participating in his four children’s activities and embarking on numerous camping trips with the family. In retirement, Ron moved to Grass Valley, California, where he enjoyed kayaking and hiking. He departed this life on June 24, 2017.

ILLUSTRATION BY ERIC FISCHER

1976 **Ronald T. Adams J.D.** grew up in Florida and Colorado—with a stint in California—before settling in Portland, Oregon. He was a passionate academic, ultimately studying atomic physics at UC Davis and engineering economic systems at Stanford. Ron practiced law until his retirement in 2013. On Aug. 14, 2017, he passed away—surrounded by family—due to ALS.

Derek Woodhouse J.D. was born in Winnipeg, Manitoba. He volunteered for the U.S. Army and served in Vietnam. He became an American citizen and married his high school sweetheart, Sheri Arnold, his wife of 49 years. His legal career commenced in 1976 as a deputy district attorney, and he went on to practice labor and employment law for 25 years. He was appointed to the Superior Court bench in 2005. Derek died peacefully on July 19, 2017. He is survived by his wife and children, including **Elizabeth Adinolfi '00**.

1978 As a student at SCU, **Susan Alexandra Raffo** met her devoted husband of 34 years, **Robert “Bob” Raffo '77**. During her career, Susan’s most cherished role was as CFO of Sacred Heart Schools in Atherton. She also served on the board of Community Kids to Camp, was a hospice volunteer, and was devoted to the Ursuline sisters, having recently been appointed to the board of Ursuline Academy of Dallas, Texas. Susan passed away unexpectedly Sept. 5, 2017.

1985 **Terre Sadosky J.D.** was in private practice and became an administrative law judge with the California Division of Workers’ Compensation. She sought out challenges in many sports—handball, golf, and running, including 10Ks and a marathon. She taught law in a local college program and loved animals, especially her Labrador retriever, Sam. She died Sept. 29, 2017.

1990 **Maureen Bischel** worked in the ER as a trauma nurse and a mobile intensive care nurse at Fresno’s University Medical Center as well as in the interventional pre-procedure unit at Community Regional Medical Center. She was active in the amputee coalition and the Central Valley amputee group. Maureen died June 29, 2017. She was 49 years old.

Ann Marie Neuhaus lived with grace, devotion, and humility—a gift for all to witness. She married the love of her life, Eric Neuhaus, and they were blessed with two beautiful children. Ann loved her family and being a mom more than words

can express. She attended SCU on a full academic and basketball scholarship, completed medical school at UCSF, and began her surgical residency at UC Davis. Following her six-year residency, Ann worked as a general surgeon at Kaiser South Sacramento. She passed away on July 5, 2017.

1991 After a career in administrative management in high tech, **Anne L. Broderick M.A.** embarked on a career as a private psychotherapist and executive coach, consulting in the Bay Area. She wed Bill Broderick in 1959 and they had three children. After her husband died in 1984, she married Lou Kavanau and acquired three additional children from his previous marriage. Anne died peacefully surrounded by her loving family members on July 27, 2017.



***Matt Rupel '13** was Editor-in-Chief for The Santa Clara. Here he is in 2012-13 with senior editorial staff—**Carolyn Entress '13, Samantha Juda '13, and Mandy Ferreira '13**—taking a break from work on the last edition of the year.*

2013 Loved for his humor, intelligence, adventurous spirit, and caring heart, **Matt Rupel** served as editor of *The Santa Clara* newspaper during his time at SCU. He loved music and films and was an avid reader and writer, co-writing a script for an animation project. He was midway through writing his first novel. For more than 14 years, Matt grappled with Friedreich’s ataxia, a neuro-muscular disease. As his body deteriorated, he showed resilience, bravery, and grace. He died on Aug. 5, 2017, and is survived by his parents, **Brenda Rupel '88** and **Bart Rupel '85**, and sister Katie.

2017 Overflowing with vibrancy and joy, **Jason “Jay” Bassett** was dedicated to advocating for the dignity of the LGBTQ+ community. Jay was instrumental in the inception of a LGBTQ+ Endowed Scholarship Fund and co-founded a campus chapter of the National Alliance on Mental Illness. Friends knew Jay as someone who genuinely cared for everyone they met—and when you needed a shoulder to cry on, a healthy vent session, or simply a smile, they were your go-to person. Jay passed away Oct. 12, 2017, and is survived by parents Kathy and Scott and sisters Katie and Wendy.

IN KAYLA'S MEMORY
Board of Fellows member Mike Murphy lost his beloved granddaughter, Kayla Murphy, too young. She suffered from cystic fibrosis and passed away before she could attend college. The Kayla Elizabeth Murphy Scholarship fund at SCU has been established in her honor.

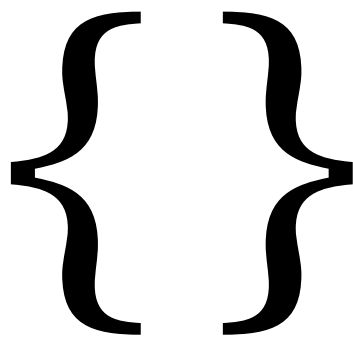
Faculty, Staff, and Friends

Longtime member of SCU’s religious studies department **Anne Marie Mongoven, O.P.** was a moving force behind the graduate program in pastoral ministries. She was a gifted writer, researcher, and catechist who published many articles and books in addition to coauthoring *Living Waters*, a series for children, and collaborating with the U.S. bishops as one of the authors of the *National Directory for Catechesis*. She died on July 29, 2017.

After graduating from high school, **Roland “Ron” Lowe** had no intention of attending college. He enlisted in the Navy and served in the honor guard for President Harry S. Truman. He spent the longest stretch of his career as head of SCU’s psychology department. While in the Navy, he contracted tuberculosis and received an honorary discharge. While at a sanatorium for treatment, Ron developed a love of reading, which inspired him to pursue higher education. He attended UMass and met his soon-to-be wife, Joan Barclay. The couple had two children. He worked at the Children’s Health Council at Stanford, the Mental Research Institute in Palo Alto, and in private practice before coming to Santa Clara to teach. He loved to discuss history, World War II, Darwin, Dawkins, theology, existentialism, Freud, and Maslow. He passed away Sept. 30, 2017.

An economics professor at CSU Fresno, FBI agent, and pilot during World War II and the Korean conflict, **Charles “Mike” Murphy** was a longtime banker in the Central Valley and owner of Murphy Bank in Fresno, California. He also served on the Board of Fellows at SCU. On Nov. 28, 2016, he passed away at the age of 93.

Beginning in 1974, **Paul S. Otellini** spent his career at Intel. He made a name for himself with the introduction of Intel’s Pentium processor. He became Intel’s fifth CEO in 2005, serving until retirement in 2013. Intel generated more revenue during those eight years than its previous 45. Otellini served on many boards of directors, including Google and the President’s Council on Jobs and Competitiveness. He and wife Sandy enjoyed spending time at their Sonoma ranch and pursuing his interest in winemaking. Paul passed away on Oct. 2, 2017, at age 66 and is survived by his wife of 30 years, children Patrick and **Alexis Otellini '14**, and grandchildren.



This Western Sycamore is a living witness to nearly four centuries. Growing since the 1640s, this venerable plane tree stands sentinel near Daly Science. It was ancient long before there was a college or a mission. Notes **Lee Panich**, associate professor of archeology: “The tree has been more or less the crossroads of everything that has happened at Santa Clara in the last 250 years.”



IN THE SHADE Mission Santa Clara was founded in 1777 and moved several times, to where it now stands. As the third Mission Church rose, the sycamore stood on the edge of the Rancheria village surrounding it. Later, some of the first American squatters who took over the old mission lived right across from the tree. The area was called the California Hotel and was one of the first notable American landmarks in Santa Clara.



The tree's leaves reach six inches across. The Thamien people traditionally wrapped acorn dough in sycamore leaves for baking into bread.



HUNTING GROUNDS
The 374-year old tree casts its shadow across very different eras. When the Thamien were the only people to call this valley home, they hunted deer here.

72 feet tall with a 46.3-inch diameter and a trunk that expands by about an eighth of an inch every year. Here it is in 1925.



DEEP ROOTS The sycamore is the oldest tree on campus. *Platanus racemosa* is known for longevity—living between 200 and 500 years of age. Sycamores are thirsty and thrive alongside wetlands and streams, like one that ran through the area years ago and created a strong foundation for the tree. While the stream no longer flows through campus, this tree “isn’t ready to give up anytime soon,” says **Chris Young**, assistant director of buildings and grounds.



BARK BEAUTY
The sycamore’s bark is smooth to the touch—almost skin-like. Its wood is sturdy, and native peoples have used sycamores to build canoes up to 65 feet long. The burls on the tree lend themselves to carving; writer Sylvia V. Linstead notes that in the Chumash language, the word for sycamore and bowl is the same: *khsho*.

CENTER PHOTO COURTESY SCU ARCHIVES AND SPECIAL COLLECTIONS, COLORIZED BY EDWARD ROOKS; BRANCHES PHOTO BY EDWARD ROOKS; ARROW HEADS PHOTO BY LEE PANICH; LEAF PHOTO BY GETTY IMAGES; BARK IMAGE BY ISTOCK; WORDS BY LINDSEY MANDELL '18.

EDUCATION MAKES YOU FEARLESS.

BIOENGINEERING AND CHEMISTRY are what **Jo Gopinath '19** studies. She is a student researcher in the Micro/Nanosystems Lab and is fascinated with discovering new frontiers. She also appreciates tradition; a hero who looms large for her is her grandmother, “a Malaysian-born Singaporean-Indian woman of a whopping five feet,” as Jo described her in a piece she wrote for *USA Today*. Why? One reason: She was raised to be environmentally conscious and live sustainably. ¶ Jo founded her own eco fashion line, GreenWith-Envy, designing new clothes from remnants of old. Last year, SCU’s Global Fellows program enabled her to intern with AHA Bolivia, a women’s co-op making recycled handicrafts. She would like to see eco fashion make inroads against throwaway clothes. Daunting, perhaps—but, she says, “Education makes you fearless.” ¶ For Jo, education also opened up opportunities, like a \$10,000 Clare Boothe Luce grant to conduct research on disease-causing toxins found in water, air, and soil. If you’ve visited campus, you might have met her; she serves as a tour guide for the School of Engineering. ¶ *In March, SCU celebrated our annual Day of Giving. Thousands of you made it another great day to be a Bronco. Thanks to you for supporting students like Jo. scu.edu/give*



