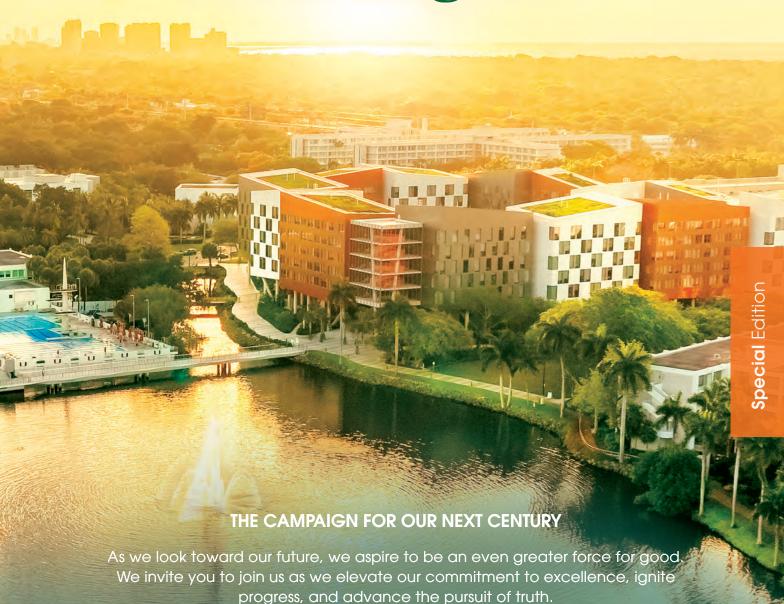
Ever Brighter | Surfside | State of the U

THE UNIVERSITY OF MIAMI MAGAZINE | FALL 2021

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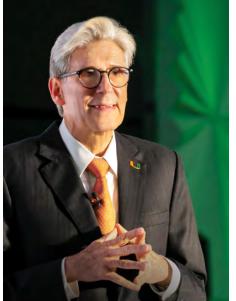
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Protecting Those Who Protect Us

Researchers work to keep first responders safe from cancer risks at the Surfside condo collapse and in other hazardous environments.

on the cover



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State of the U

President Julio Frenk honors those who played pivotal roles during the height of the pandemic and reveals ambitious plans to continue moving the University forward.

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The University of Miami Magazine

President

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OVER THE CORAL GABLES CAMPUS ADDING ITS GLOW TO THIS SPECIAL EDITION, WHICH CELEBRATES THE LAUNCH OF EVER BRIGHTER: THE CAMPAIGN FOR OUR NEXT CENTURY.

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UNIVERSITY OF MIAMI

Big Picture....



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UniversityJournal

News, People, Culture, and Research from Campus and Beyond

Fall Semester Kicks Off with Energy and Optimism

More than 3.000 new students learn what it means to be a 'Cane







Clockwise from left: 'Canes Take Flight teaches new students what it means to be a 'Cane; students walk past the Shalala Student Center on their first day back to the Coral Gables Campus; roommates Emery Merdock, left, and Daya Durham meet in person for the first time.

The three University campuses pulsed with vitality as thousands of students, with a bounce to their step, smiles at the ready, and their academic aspirations sharpening into focus, bustled to a first day of Fall 2021 classes on Aug. 23.

The 3,189 new arrivals—including first-year and transfer students—comprise one of the largest, most selective, and most diverse student bodies in University history. This newest class joined the corps of returning students to form a 19,000-strong community of bold learners who collectively took 3,760 classes this semester supported by 17,000 faculty and staff members.

"The first day back has been fantastic. I love to see the campus so lively again—it's so refreshing and much needed," says Hugo Mijares-Pracho, a junior from Miami studying health sciences and theater.

Biandie Trente Et Un, a first-year student from Boston studying biochemistry, was feeling the excitement that a new start offers.

"I'm looking forward to making new friends. The first day hasn't been too stressful; everything's easy to find," she says. "Coming here [from Boston] is a new experience and a new vibe."

In his welcome message to the University community, President Julio Frenk recognized that the pandemic and some of the precautions necessary for safety were lingering longer than anyone had imagined—a scenario outside our control.

"So right now is the time to focus on the changes we can affect," Frenk says. "There are many choices before us, and the three most important are: work with tenacity, care for each other by getting vaccinated and following public health guidance, and show respect for each other even when we have our differences."

The new semester launched unofficially with movein beginning Aug. 16. University partners, including the Department of Orientation and Commuter Student Involvement, Housing and Residential Life, and Parking and Transportation, provided for the safe and near seamless transition through the week of more than 3,000 new students—some from blocks away, others from across the globe—into residential colleges.

The new arrivals were treated to a potpourri of festive events provided by the Division of Student Affairs and University partners to help them acclimate with their campus, peers, and faculty and staff members.

Two separate sessions of 'Canes Take Flight were held at the Watsco Center to maintain distance protocols. For both, Frenk, together with First Lady Felicia Marie Knaul, director of the Institute for Advanced Study of the Americas; faculty members; and student leaders offered an inspiring and informative welcome to 'Canes culture—from University history to "throwing the U."

At 'Canefest, new students learned about opportunities to participate in the more than 350 student organizations, representing interests ranging from performing arts to multicultural and identity-based groups.

Planet Kreyol, the Haitian student organization, and the Office of Multicultural Student Affairs hosted a vigil on Thursday of the first week of classes to honor the victims of the devastating earthquake that occurred in Haiti on Aug. 14.

"This event means a lot to me because it lets me know that I'm not invisible on this campus and I can show support in this tragedy," says Maydeleen Guiteau Pierre-Noel, who was one of many who attended the memorial.



A vigil during the first week of classes was held to honor the victims of the earthquake that impacted Haiti.

All incoming students were encouraged to be vaccinated against COVID-19. During the first two weeks of the semester, the University partnered with Walgreens to offer a vaccine clinic on the Coral Gables Campus.

All fully vaccinated degree-seeking undergraduate, graduate, law, and medical students enrolled in Fall 2021 classes were eligible to participate in weekly and monthly drawings for prizes through the new Voluntary COVID-19 Vaccine Incentive Program.

For Frenk and University leaders, these initiatives and programs are part of the new routine and new rhythm of 'Canes culture and life on campus.

"We come from different places and perspectives, yet we have a common denominator—we care," Frenk told the community. "No matter what lies ahead, the single most important thing any 'Cane can do is care for fellow 'Canes and the communities of which we are a part."

College of Engineering Adds Innovative Department

Department of Chemical, Environmental, and Materials Engineering fulfills important need

With an expansion that salutes the expertise and vision of its new dean, the College of Engineering has created a Department of Chemical, Environmental, and Materials Engineering, which will house aerosol science and technology, water quality, synthetic biology, and materials synthesis programs.

The new department blends and builds on the college's recognized strengths in materials and environmental engineering and addresses the absence of chemical engineering, an emerging discipline that influences numerous areas of science and technology.

"The new department fills a need at the University, and its faculty will play a leading role in advancing both the college's strategic initiatives as well as the University's Roadmap to Our New Century," says Dean Pratim Biswas. "Likewise, it creates an opportunity for students to partake in research and education and assist the technology innovation happening in South Florida."

University President Julio Frenk heralded the advancement.

"This is an important investment in our engineering capabilities, which will bolster interdisciplinary collaboration and strengthen our ability to mobilize the tech revolution in the search for solutions to complex challenges ranging from pandemics to climate change," says Frenk.

Anchored in the College of Engineering, the department will collaborate with the Frost Institute for Chemistry and Molecular Science, Rosenstiel School of Marine and Atmospheric Science, College of Arts and Sciences, and Miller School of Medicine.



"This new department is poised to flourish as an interdisciplinary and collaborative environment, and it leverages a unique time as we continue to emphasize STEM, chemical and molecular science, data science, and the emerging tech migration to Miami," says Jeffrey Duerk, executive vice president for academic affairs and provost.

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Celebrations Honor Freedom Day

Black alumni and University scholars recognize Juneteenth Independence Day



In recognition of Juneteenth, or Freedom Day, the newly designated holiday commemorating the date that effectively ended slavery in the United States, the University of Miami Black Alumni Society (UMBAS) hosted its third annual—and second virtual—event marking the momentous day.

Several dozen 'Canes from around the country gathered online for a moderated discussion with esteemed author, scholar, and documentarian Marvin Dunn; a libation ceremony; a performance by the Hammond-Butler Gospel Choir; and interactive cooking and mixology demonstrations. The society also introduced its new executive board for 2021-23.

"Today celebrates our collective strength, our resilience, and our truth," Patricia Dunac Morgan, B.S. '06, president of UMBAS, said in her welcoming remarks. "As an educator, I know our story can be hard. It can be sad, it can be difficult, especially, to package in a way that is developmentally appropriate for our kids. [Yet] it is only through recognition of our truth that we're able to make meaningful progress."

Morgan and Wendy-Ann Dixon-Dubois, B.A. '06, immediate past president, highlighted UMBAS's accomplishments during the past fiscal year, which included raising more than \$46,000 for diversity and inclusion scholarships and programming, hosting a three-day Black Excellence event in February, earning formal University recognition as an official affinity group, and winning two

"Today celebrates our collective strength, our resilience, and our truth."

—Patricia Dunac Morgan

Council for Advancement and Support of Education awards for the 2020 Juneteenth virtual celebration.

Junior KiAnna Dorsey, executive producer of UMTV's The Culture, moderated the conversation with Dunn, who shared insights from his books and reflected on the meaning of the historic day.

"Juneteenth has emotional meaning—it's a feeling holiday in the sense that the people who experienced this horror during the period of slavery and those of us who've come after them carrying the memories and the hurt forward have reason to be appreciative that [slavery] stopped," Dunn said. "It should be celebrated for what it accomplished, but let us not overstate what has been accomplished."

In mid-June, both the U.S. Senate and House voted to make Juneteenth an official federal holiday, and President Joe Biden signed the legislation into law on June 17. A news article the University published that day featured the newly designated holiday through the eyes of Jomills Henry Braddock, professor of sociology, and Donald Spivey, distinguished professor of history, Cooper Fellow of the College of Arts and Sciences, and special advisor to President Julio Frenk on racial justice.

"Celebrate is not the right word for Juneteenth," insists Spivey. "The date is commemorated in infamy as enslaved Africans in Texas only found out in 1865, two years after the Emancipation Proclamation, that they were no longer supposed to be in bondage. Juneteenth can serve as a date to reflect on the institution of slavery in the making of America," he adds.

"Across the U.S., African Americans continue to celebrate the occasion, in diverse ways. Unfortunately, important aspects of U.S. history have not been widely taught in schools, contributing to what might be labeled a mass public 'miseducation' regarding the role of race in shaping much of the nation's history," Braddock says.

"In the context of the ongoing 'racial reckoning' following the murder of George Floyd, Americans of all races are becoming increasingly attuned to the ways in which the history and lived experiences of African Americans are a central part of American history, not just Black history," he points out.

Restoring a River in Panama

A unique collaboration aims to use solar and hydropower to clean the Juan Díaz River

Many of the residents who live in the informal settlements near Panama's Juan Díaz River can recall a tributary so clean that they could swim in it and use its waters for cooking and washing.

But years of neglect in the form of household trash and other debris have turned parts of the river into floating landfills that not only harm the ecosystems of nearby mangroves but also the marine life in Panama Bay—into which the river flows. The bay is also where 1,000 humpback whales visit each year to nurse their young.

Now, an ambitious environmental cleanup project, which employs a massive solar- and hydro-powered device, promises to help restore the Juan Díaz to its former glory.



The trash interceptor on Panama's Juan Diaz River will be similar to this one in Baltimore's harbor.

Doña Rueda, or Ms. Wheel, is a semiautonomous trash interceptor that will be installed near the mouth of the stream, where it will pull hundreds of tons of trash out of the water each year. The device, a sort of living garbage guzzler featuring two, giant googly eyes at its top, will be similar to four collection devices that have removed more than 1,600 tons of trash from the harbor area of Baltimore, Maryland.

"Today, almost no one uses the water from the Juan Díaz for any purpose whatsoever because it's so polluted," says Daniel Suman, a professor of environmental science and policy at the Rosenstiel School of Marine and Atmospheric Science who is working with the Panama City-based environmental group Marea Verde on the project.

"So, this project," he says, "offers much hope."

A First for First Star Academy

College prep program for foster care youth celebrates first graduates

Members of the initial cohort of the First Star Academy, a national program hosted by the University that prepares at-risk teens for college, received their diplomas and shared their insights and appreciation at a small off-campus ceremony during the summer.

A contingent of students, alumni, and faculty members—many of whom served as mentors, lead teachers, and program staff for the past four years—were on hand to cheer on the 17 new graduates.

"We have believed in you from the start, but what's important is that you have come to believe in yourself," Kele Stewart, law professor and advocate

professor and advocate for the program, told the students.

Ronnie Stevens, left, who graduated from the First Star Academy, celebrates with Kaitlyn Casanas, center, assistant program director; and Maria Pia De Castro, program director.

The School of Education and Human Development and the School of Law spearheaded the academy's launch at the University in 2017, welcoming this first group of students—ninth graders at the time. For a month each summer, the teens live in residence halls and attend daily academic and life-skills classes guided by University faculty members and students.

Kayla Mason, B.S. '21, is one of several students who have served as mentors since the program's inception. Mentors teach entrepreneurial skills, tutor academics, and provide life coaching.

"I've always had an affinity for kids in the foster system—I knew how broken and messed up it was," says Mason, the winner of the "All-Star Mentor" award whose family at one point slipped into homelessness and had to rely on support from relatives.

This summer, First Star Academy partnered with T-ROC Global and One Laptop Per Child to provide 25 laptops to the students attending the session on campus.

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Miami School of Law's Innocence Clinic, which represents Florida inmates who have been convicted of criminal offenses but have compelling claims of innocence, won a resounding victory in mid-July when Florida's First District Court of Appeal ruled unanimously to overturn the armed robbery conviction of Dustin

Duty, sentenced in 2013 to 20 years in prison. Three months later, the state attorney's office for the Fourth Judicial Circuit dropped the armed robbery charge, setting Duty free.

Based on information affirming his innocence, the clinic started working on Duty's case in 2016. Over five years, 18 student lawyers have labored for his release. Clinic director Craig Trocino and Seth Miller, executive director

of the Innocence Project of Florida (IPF), a nonprofit consortium, led the effort.

"The Innocence Clinic offers a unique learning experience for students while strenuously fighting for the wrongfully convicted," says Nell Jessup Newton, interim dean and visiting professor.

"While the students benefit from this

experience in immeasurable ways, no one benefited more than Dustin Duty, who is a free man today because of the Innocence Clinic's work and dedication."

Duty's case is emblematic of the cases the clinic handles. Launched in 2011, the clinic operates as a bona fide law firm. Second- and third-year law students work as the firm's associates.

Each week, students open dozens of letters from inmates, reviewing each in detail to see if a case meets the clinic's initial criteria for representation. If it does, the students request more information, and the investigation starts.

"Virtually every person who has been wrongfully convicted and incarcerated is indigent, and the vast majority of them—70 percent—are people of color," says Trocino. "The Miami Law Innocence Clinic and the other network members are truly the lawyers of last resort for the wrongfully convicted."

Summer Festival Debuts

Frost School of Music partners with the renowned Festival Napa Valley

As part of ongoing efforts to expand opportunities and enrich the musical journey for students, the Frost School of Music began a partnership this past summer with Festival Napa Valley—a two-week, mid-summer event that offers world-class performances and inspiring arts education programs.

"Festival Napa Valley is one of the most treasured music festivals in the country, and we are thrilled to join forces on this new venture," says Dean Shelly Berg. "The Frost School trains the whole musician as an artist, entrepreneur, stage persona, and more, and we're honored to share this philosophy of musicianship with such a renowned festival."

Bobby Gallagher was one of about 20 Frost students who were recommended by faculty members and selected by an audition process to participate this year.

"Any festival is a great way to meet other musicians, both upcoming and

legendary," says Gallagher, who specializes in trumpet. "It's also a wonderful experience to play lots of music and gain new tools and tips from faculty and professionals. Being in beautiful Napa Valley is a real bonus."

Students who attended the festival participated in the Blackburn Music Academy, an immersive summer conservatory program for emerging professional musicians. The students also participated in workshops, chamber and orchestral concerts, sectionals, and other professional development activities with respected musicians from around the world.

"Summer festivals are an essential part of any serious music student's training, not only for the music study and performance opportunities, but also as a way to establish lasting friendships and connections," says Jennifer Grim,

associate professor in the Frost School and the new artistic administrator for Frost School at Festival Napa Valley.



R+D Update



Mapping Microbes Across Miami

As part of a global effort to collect microbial samples—where an analysis might lead to new diagnostic, industrial, or therapeutic applications—a team of 15 University students and employees spent a day this summer swabbing escalator guardrails, elevator buttons, benches, ATMs, and other surfaces at each of the 23 Metrorail stops.

Students from all three University campuses participated in Global City Sampling Day 2021 and added their findings to those of researchers and citizen scientists in 54 cities across five continents. Overall, some 6,000 samples were shipped to Weill Cornell Medicine in New York City to be analyzed by researchers at the international consortium MetaSUB (short for Metagenomics and Metadesign of Subways and Urban Biomes), a microbial census launched in 2015.

"The elephant in the room is definitely the COVID-19 pandemic," says Umer Bakali, B.S. '18, a Ph.D. student in biochemistry at the Miller School of Medicine, who commutes on the Metrorail each day. "We know, of course, that COVID-19 is a virus. But that doesn't make it any less important that we take into account what people interact with every single day as they're going through their methods of transit."

"Global City Sampling
Day was an opportunity for
our students to see public
health in action and to learn
how team science can translate into greater scientific
impact and innovation,"
comments Natasha Schaefer
Solle, Ph.D. '15, research
assistant professor of
medicine and public health
sciences, who organized the
event in Miami.

Gauging Keys' Water Quality

Biology professor Kathleen Sullivan Sealey is heading a team of graduate students who are researching the degree to which the waters that hug the Florida Keys and the wildlife that blossoms there—have been transformed by the development of residential canals.

Sealey's team, led by Ph.D. candidate Jacob Patus, B.S. '13, recently finished a two-year project funded by Monroe County and the Florida Department of Environmental Protection to survey the waters in and around 13 different canal sites throughout the Keys. Their research examines the current nearshore water quality to determine if it has improved since 2017, when the county finished implementing a massive wastewater system to replace thousands of septic tanks that were vulnerable to leakage.

Their findings will help gauge how much pollution is being created by residential canals and provide officials with the knowledge they need to decide on mitigation plans to improve canal water quality, Sealey explains.

The biology professor's work in the Keys stretches back more than 20 years, when she helped create a database of the archipelago's more than 500 canals—with information on when they were constructed, along with the length and depth of each waterway.

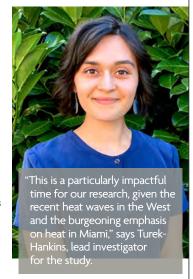
While the data is still preliminary, the county is already testing several ideas for improving water quality in the canals.

"Ideally, what we are doing should help show the county the areas that need to be targeted so that they put a higher priority on remediation in certain canals," Sealey says.

Adapting to Extreme Heat

With extreme heat events becoming more frequent and intense in a warming global climate, Lynée Turek-Hankins, a doctoral student in the Abess Center for Ecosystem Science and Policy, and a team of more than a dozen researchers have completed a new study that explores how people, communities, and governments are adapting.

Published in the inaugural issue of the journal Oxford Open Climate Change, the study examines where, why, and how adaptation to extreme heat is unfolding globally.



The investigation analyzed 301 peer-reviewed articles spanning 98 countries, documenting the countries and regions in which implemented extreme heat adaptation has occurred, then studying the diverse heat impacts to which people are responding, the types of adaptations implemented, and the actors involved.

Mentored by Katharine
Mach, associate professor at
the Rosenstiel School of
Marine and Atmospheric
Science, Turek-Hankins also
is investigating federal
policies aimed at adapting
people's homes to withstand
the effects of climate change.

Eye on Athletics



Mario Cristobal Is Coming Home

Mario Cristobal, B.B.A. '93, M.A.L.S. '99, who helped lead the University of Miami to two national championships in 1989 and 1991 as a standout offensive lineman, has been named the University's 26th football head coach.

One of college football's most highly regarded coaches, Cristobal returns to his alma mater after leading the University of Oregon to three straight Pac-12 Conference championship game appearances and two Pac-12 titles. He is the only coach in the nation whose team has played in a Power Five conference championship game in each of the past three seasons.

"We are incredibly excited to welcome Mario, his wife, Jessica, and their sons, Mario Mateo and Rocco, home to Miami," says President Julio Frenk. "Mario's legacy as a student-athlete at the U is well established. And the standard for competitive excellence that he and his teammates helped establish is one to which we continue to aspire. Our selection, however, was not one based in nostalgia for a proud past, but rather in a bold vision for a promising future."

Cristobal brings more than 20 years of FBS coaching experience to Coral Gables, including 10 as a head coach. He compiled a 35-13 record at Oregon, including a 2019 Rose Bowl victory that capped a 12-win season and clinched a No. 5 ranking in the final Associated Press and AFCA Coaches polls. Cristobal was named the Associated Press Pac-12 Coach of the Year for his efforts that season.

Cristobal served as Oregon's co-offensive coordinator, rungame coordinator, and offensive line coach during the 2017 season before being elevated to head coach. Prior to his time in Oregon, he spent four years in Tuscaloosa, where he served as assistant head coach, offensive line coach, and recruiting coordinator for the University of Alabama. Considered one of the country's elite recruiters and evaluators of talent, Cristobal, during his tenures at both Alabama and Oregon. helped assemble national top-15 recruiting classes eight straight years, with seven of those classes rated in the top 10.

A son of South Florida who played prep football at Christopher Columbus High School, Cristobal launched his coaching career as a graduate assistant coach at Miami from 1998 to 2000 under head coach Butch Davis. He served as

an assistant coach at Rutgers from 2001 to 2003 and then returned to Miami as an assistant coach from 2004 to 2006 under head coach Larry Coker. From 2007 to 2012 Cristobal was head coach at Florida International University, becoming the first Cuban American head coach in FBS history and earning the Sun Belt Conference Coach of the Year honor in 2010.

"My family and I are excited to return home to the University of Miami, which has been so instrumental in shaping me as a person, player, and coach," says Cristobal, who played his Hurricanes career under coaches Jimmy Johnson and Dennis Erickson. "This program has an unparalleled tradition and an exciting future ahead of it. I can't wait to compete for championships and help mold our student-athletes into leaders on and off the field who will make our University, our community, and our loyal fan base proud."



New Athletics Director Brings a Track Record of Success

Dan Radakovich, M.B.A. '82, one of the most respected athletics administrators in the country, has returned to the University of Miami as vice president and director of athletics—joining the institution where nearly three decades ago he launched his career.

"As a unified Hurricane family-students, alumni, donors, and fans—there is nothing that we cannot accomplish. We are going to set the bar high and jump over it," says Radakovich, who previously served for nine years as director of athletics at Clemson University.

President Julio Frenk touted his appointment, saying Radakovich has enabled the success of student-athletes both in the classroom and in

competition. "He has the experience, the relationships, and the passion it takes to ignite and sustain excellence—the very core of our bold vision for the future of Hurricanes Athletics," says Frenk.

Radakovich's distinguished career in athletics leadership spans more than 30 years. His tenure at Clemson was marked by student-athlete academic achievement; comprehensive competitive success, including two national championships in football; significant facility construction and enhancements; and notable increases in revenue and fundraising. He was named Athletic Director of the Year by Sports Business Daily in 2017 and served as a member of the College Football Playoff Selection Committee from 2014 to 2017.

A native of Aliquippa, Pennsylvania, Radakovich earned a bachelor's degree in finance from Indiana

University of Pennsylvania in 1980, where he was a football letterman and student coach, and an MBA from the University of Miami in 1982. He served as athletics business manager at Miami from 1983 to 1985, which launched for seven consecutive years. his impressive career.

After Miami, Radakovich was associate athletics director at Long Beach State University and at the University of South Carolina; director of athletics at American University; senior associate athletics director at Louisiana State University; and director of athletics at Georgia Tech from 2006 to 2012, before joining Clemson.

During his tenure at Clemson, the school won 15 Atlantic Coast Conference team titles. The Tigers football program won two national championships, made six College Football Playoff appearances, and captured six ACC titles. In the classroom, Clemson student-athletes recorded

nine semesters with a 3.0 GPA or higher. The athletics department attained the school's highest-ever NCAA **Graduation Success Rate** at 93 percent in 2020 and scored 91 percent or better

"There is a unique opportunity at Miami, with the tremendous changes happening across our city and South Florida, to build something truly special," says David Epstein, B.B.A. '95, chair of the athletics committee of the University of Miami Board of Trustees. "We sought out a proven leader who is aspirational, entrepreneurial, and visionary, and who will build a worldclass athletics program at the U. Dan is that leader. His hire, and the extraordinary hire of Mario Cristobal, B.B.A. '93, M.A.L.S. '99, as our next football head coach, puts Miami on a trajectory unmatched by any athletics program in the country."

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Faculty Files

Surf's Up in New History Class

Ordinarily, history professor Martin Nesvig concentrates on Latin American history, particularly 16th and 17th century Mexico, and the Spanish conquest and inquisition. He has written five books on Mexico's religious history alone.

So, Nesvig says, developing a course on surfing to teach Hawaiian history really pushed him out of his comfort zone. "To understand surfing is to understand the history of Hawaii," he says. "Which was not an area that was familiar to me. It's a fascinating subject, but it took a lot of work."

Yet, in many ways, the class first offered last spring, "Hawai'i and the Pacific World: Or, How Surfing Colonized California and the World," was right up Nesvig's everexpanding scholarly alley. As a bisexual man who grew up in San Diego near the Mexican border, he says he has "always been someone who has been kind of in between. So, I relate to other peoples and cultures that are in between and transitional."

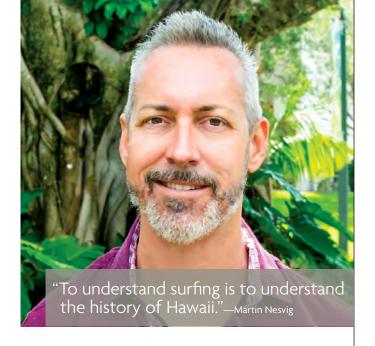
Though their histories differ, Mexico and Hawaii remain forever in between their own ancient cultures and those imposed by European explorers, who not only brought new languages and religions but

the diseases that decimated the majority of the native populations in both places.

"In terms of colonialism, there are a lot of similarities between Hawaii and Mexico," says Nesvig, who found his affinity for Mexico, and Mexican humor, by hanging with the Mexican kitchen staff at the many San Diego restaurants where he waited tables as a young man. "In that sense, there are definite parallels between these critical encounters with people who were so radically different."

Introducing students to a radically different culture was one of Nesvig's main goals in offering the surfing class. In it, he traces how the 50th U.S. state went from being a kingdom with a complex culture to a missionary outpost to a U.S. territory that disenfranchised the remaining native Hawaiians—and tried to suppress the ancient sport that legendary surfer Duke Kahanamoku helped revive and introduce to the world in the 1920s. But the class actually

evolved from another unique course on a subject that Nesvig, a lifelong beach denizen who joined the faculty in 2005 after earning his doctorate in Mexican history from Yale, also made his own—the social history of beaches. Offered periodically, that



popular class covers a wide range of topics, including the Jim Crow-era practices that, until 1965, barred Black people from Florida's beaches.

Similar attitudes, Nesvig always told his students during the segment on Hawaiian beaches, barred Kahanamoku, a fivetime Olympic medalist in swimming, from staying in beachfront hotels when he traveled the world to demonstrate his homeland's ancient sport. His dark skin also kept him from playing Tarzan in Hollywood, a role that instead went to his friend and swimming rival Johnny Weissmuller.

"Every time I taught
the beach class, everyone,
including me, was kind
of sad when the Hawaii
segment ended," recalls
Nesvig, who in addition to
his fluent Spanish has a
"decent" Hawaiian vocabulary. "So, the more I taught
about Hawaiian history, the

more I thought this material is just too good to pass up."

Before offering the surf class again, he'll have to update it a tad to reflect the realization of Kahanamoku's century-old dream of seeing surfing in the Olympics. In July, when surfing debuted at the summer games in Japan, Hawaii native Carissa Moore brought home the first-ever women's gold for surfing, which Nesvig finds very fitting. "In so many ways, surfing belongs to Hawaii," he says.

But the update can wait because, along with his upper-level seminar on Mexico, Nesvig was, for the third time, teaching a course on the very long history of gay and bisexual men this fall. "I do have some competence in the subject," he says. "My master's thesis at San Diego State was on the history of homosexuality. And, of course, I'm still in between."—Maya Bell

Former Health Secretary Joins Faculty

Alex Azar's varied experience is a boon for students



Alex Azar, who as the nation's top health official supervised Operation Warp Speed to develop COVID-19 vaccines in record time, began a teaching and policy research position this fall with the University of Miami Patti and Allan Herbert Business School.

The former pharmaceutical executive, seasoned government executive, and practicing attorney joins former University president Donna Shalala as the second former U.S. secretary of health and human services to teach in the school's Department of Health Management and Policy.

"Adding a second former health secretary to our faculty and especially someone with Alex's vast expertise in other areas of the industry offers a tremendous opportunity to our students to learn from top leaders in the health care field," says Dean John Quelch.

In the position of adjunct professor and senior executive in residence— a designation reserved for professionals whose expertise extends far beyond teaching experience—Azar co-taught two graduate courses and one undergraduate course this fall semester with Steven Ullmann, professor and

director of the Center for Health Management and Policy.

Additionally, he was a guest lecturer in other courses and is collaborating on policy research projects with Shalala and other faculty members.

Department chair Michael French echoes the opportunity that adding a second former health secretary affords and highlights their mutually supportive relationship.

"The two bring a wealth of experience to our students in the classroom, and they complement each other very well," French says.

"Alex's appointment directly reflects the University's balanced, apolitical approach—that one former secretary was appointed by a Democratic president and the other by a Republican and the fact that they get along so well makes their affiliation with our department even more exciting," he adds.

Esports Enters the Academic Arena

Certificate program explores the world of competitive video games

The online Global Esports Management Certificate Program is underway, marking the University's first foray into esports—the rapidly exploding and profitable industry built around multiplayer video game competitions.

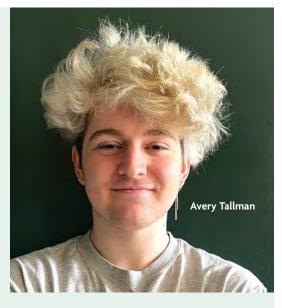
Offered through the University's School of Education and Human Development, in collaboration with the Division of Continuing and International Education, the noncredit certificate program is taught by faculty members from the Department of Kinesiology and Sport Sciences along with seasoned esports industry leaders. The courses offer students access to five modules that cover different aspects of the esports industry—marketing, data insights, event experiences, sponsorships, and communications.

"I believe the program is perfectly positioned at just the right time to

help students and professionals take full advantage of this growth market," says Rebecca MacMillan Fox, dean of the Division of Continuing and International Education.

The flourishing esports industry is generating revenues in excess of \$1 billion, attracting corporate sponsors like Coca-Cola, Red Bull, and Louis Vuitton. It also is making professional sports leagues like the NBA take notice.

"Esports is a viable niche within the sports industry, so this program is for anyone interested in esports or in learning more about the business side of esports," says Warren Whisenant, sport administration professor and chair of the Department of Kinesiology and Sport Sciences. "It's a very different business model, and this gives participants the opportunity to learn more about the industry."



Avery Tallman, who is studying sport administration in the School of Education and Human Development and is captain of the University's esports team, is thrilled the University has entered this space. "The fact that UM is offering a program and trying to forge its own way in esports is really inspiring," Tallman says.

Student Spotlight

A Nerd for Nature

Rosenstiel School graduate student tracks sea turtles on an island outpost

Hannah Ditzler took her first backpacking trip when she was 6 months old. One of her favorite early memories is the cool California water lapping her legs while she sat atop a surfboard that her dad—surfer, sailor, and Olympic trial swimmer—paddled along. She spent hours as a child collecting frogs, bugs, and salamanders in her backyard.

"For as long as I can remember, I've been a nature nerd," jokes Ditzler, a student in the Rosenstiel School of Marine and Atmosphere Science's master of professional science program.

Ditzler's fascination with the natural world has led her from California to Miami and then to Loggerhead Key, an uninhabited tropical island 70 miles off the coast of Key West.

As part of an internship funded by The Alliance for Florida's National Parks, Ditzler spent six months starting in May researching the nesting and mating habits of loggerhead and green sea turtles to understand how to safeguard these two endangered species.

She followed a schedule of 10 days on and four days off, and her working days started at 5:45 a.m. from the rustic lighthouse—built in 1866—where she

slept. Because the island is fully self-sustaining, she was tasked with ensuring everything—from the solar panels that generate energy to the reverse-osmosis machine that produces drinking water—was operable.

Most of her day was

spent on patrol. Ditzler walked the 1.7-mile perimeter of the island several times daily with an eye peeled for any sea turtle tracks leading to new nests or changes to existing ones. The internship advanced her own research. In late July, she submitted her thesis proposal that applies a two-fold observation process to explore the factors—beach elevation, distance from seaward vegetation, tides, etc. that impact the turtles' nesting preferences and how those patterns affect their reproduction success.

"These sea turtles need our help in order to flourish and to continue to exist," she explains. "Researching their ideal nesting conditions is super important for beach management. If we can figure out the habitats they look for and the conditions they need, we can afford those areas greater protections."

Florida, she points out, is one of two main nesting areas in the world for the loggerhead turtle. Many green sea turtles nest

around the state as well.

Three years ago, Ditzler spent two months researching Olive Ridley turtles on Costa Rica's Ostional Beach, where three or four consecutive nights each month, tens of thousands of females swarm the beach to lay their eggs.

"Sea turtles are extremely beautiful and super graceful," she says, referring to the turtles as "charismatic megafauna," the term reserved for whales, elephants, and other large animals that elicit special affection—and more financial support for their protection than other species.

tion than other species.

Ditzler has long been interested in sea turtles but says she never planned on doing sea turtle research. She was working as a research scuba diver and pursuing kelp forest ecology and fisheries as a course of study.

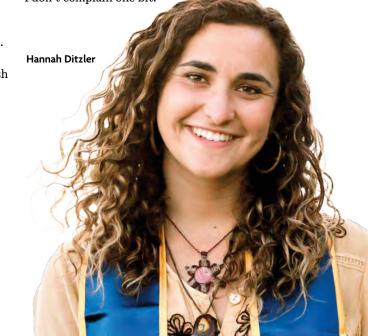
"Somehow sea turtles seem to be what's happening in my life," she says. "But I don't complain one bit. The island is beautiful, and the stars at night are the most marvelous thing I've ever seen."

Ditzler was not alone during the day on the island. Private boaters would anchor and come ashore, generally from 15 to 20 daily, to chat and ask about her research. She rotated duty with a co-worker who was also completing an internship.

Still, as a nature nerd, she came to appreciate the island's serenity and believes that the experience taught her a lot about sea turtles—and about herself.

"This opportunity has definitely taught me a lot of life skills in terms of being handy, how to troubleshoot things, and how to just figure stuff out on my own," Ditzler says. "And this field work experience is going to be super helpful for my research and for building a career in conservation."

—Ashley A. Williams



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The University of Miami

community has always been linked by a shared commitment to shape a brighter future for our students—and boldly transform our world for the better. 'Canes have been pursuing—and achieving—this ambitious goal since our founding in 1925. Two themes lie at the heart of the University's history: resilience and renewal. Shortly after our founding, our city was hit by one of the century's most powerful hurricanes. During those early years, we dealt with the impact of the stock market crash, the ensuing Great Depression, and the devastating global impact of World War II. Today, we are reimagining higher education in the wake of COVID-19, its financial consequences, a social justice reckoning, and a world changing at light speed.

As we approach our centennial, we benefit immensely from the global standing that the University has earned. At the same time, we are as energetic, innovative, and

pioneering as ever. We are an experienced yet youthful university—one that remains committed to enduring as a force for good and a source of light in service to humanity.

Ever Brighter is the embodiment of all that we have accomplished—and all that we can achieve. The U occupies a unique position in the world. We have always been proud of our stature as a truly hemispheric institution. Our proximity to Latin America and the Caribbean is part of what makes our region one of the most culturally vibrant in the nation—and our campus so dynamic. Yet our city also faces east, toward Europe, Africa, and Asia—a vivid reminder of our expanding global impact.

Our location at the crossroads of two hemispheres provides us with exceptional diversity. It also strengthens our interdisciplinary emphasis, our innovative approach to teaching and learning, and our ascent as a leading research institution. Ever Brighter honors our history while ensuring a strong future through philanthropic investments that span our entire enterprise and align with our long-term strategic vision.

The University of Miami not only links the world's two hemispheres; it also thrives by integrating the hemispheres of the human brain. Our students, faculty, and staff connect analysis and synthesis to achieve breakthroughs across the spectrum of knowledge. Ever Brighter reflects this emphasis on pan-hemispheric excellence by embracing the emotional and the rational, combining quantitative and qualitative knowledge with creative expression, and placing equal value on the head and the heart. It honors our community's collective wisdom by providing a blueprint for securing the resources we need to achieve preeminence across multiple areas of our institution.

Medicine and the humanities. Science and the arts. Athletics and scholarship. Technology and democracy. Over the past century, we have strived to advance our understanding of these complex intersections. Ever Brighter will raise our profile—and our collective sense of pride and purpose—even higher by sparking innovation with real-world impact.

Philanthropy is not just about the amount you give; it is about the act of giving. Many alumni and community members do not realize that gifts of every size have a tangible impact on the University's reputation. Contributing to Ever Brighter at any level not only increases the value of a University of Miami degree; it is also a show of support for all the Hurricanes—students, faculty, staff, alumni, grateful patients, and friends—who work to make the world brighter each day.

Thank you for all you do to improve, empower, and support the U. We invite you to join us as we build on our record of excellence to realize evergreater accomplishments.

With gratitude,

Julio Frenk President



Strength in numbers

CAMPAIGN GOALS \$2.5

million in endowment commitments

endowed positions

Visionary leaders, exceptional impact

Transformative gifts from exceptionally generous donors have ignited the light that is Ever Brighter. Three landmark gifts are illuminating the way toward achieving our historic \$2.5 billion goal.

An anonymous donor contributed \$126 million to the Sylvester
Comprehensive Cancer Center to accelerate breakthroughs in finding cures for cancer and to expand innovative treatment options for patients. The gift, the largest in the University's history, was made in honor of Dr. Stephen Nimer, director of Sylvester and the Oscar de la Renta Endowed Chair in Cancer Research.



Patricia and Dr. Phillip Frost

A landmark **\$100 million** gift by Dr. Phillip and Patricia Frost established the Frost Institutes for Science and Engineering. This gift elevates the University's work in science, technology, engineering, and mathematics, which focuses on solving some of the world's most vexing problems.



Allan and Patti Herbert

What began as a love story between two undergraduates—Patti Herbert, B.B.A. '57, and Allan Herbert, B.B.A. '55, M.B.A. '58—culminated in a transformational gift to support the University's trajectory as a global leader in business education. In honor of their \$100 million in lifetime giving to their alma mater and the largest gift ever to the business school, the school was named the University of Miami Patti and Allan Herbert Business School.



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Brilliant minds: Brighter world

Scholars. Doctors. Scientists. Conductors. Curators. Innovators. The University of Miami encompasses a vibrant, varied community of dreamers and doers. They are the people who make the U ever stronger, ever bolder, and ever brighter.

Donor generosity has a profound impact on the students and change-makers who honor our ideals and shape our University's future.





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Brighter health



UHealth - University of Miami Health System and the Miller School of Medicine are tasked with educating the next generation of compassionate health care providers and visionary researchers, enhancing the well-being of every patient we serve, and promoting health equity throughout South Florida and beyond. We're up to the challenge. Our health teams at our No.1-ranked Bascom Palmer Eye Institute are working toward the completion of the first human eye transplant in history. At Sylvester Comprehensive Cancer Center—the only National Cancer Institute-designated center in South Florida—breakthrough cancer treatments are in development. Established in 1948 as South Florida's first collegiate nursing program, the School of Nursing and Health Studies has built a stellar reputation through its programs in nursing, the health sciences, and public health, as well as through a fully equipped simulation hospital that practices and prepares students, health care professionals, and first responders for real-life medical situations.

NEVER GIVE UP

"I hope to be the kind of doctor who never forgets what it's like to be a patient," says Antonio Fontanella, B.S. '20. At the age of 3, Fontanella was diagnosed with nephrotic syndrome, which eventually progressed to focal segmental glomerulosclerosis (FSGS) and kidney failure. It was during his kidney transplant that he was introduced to the University for the first time—an experience he'll never forget.

"Despite the complications I experienced during the transplant, I had a fantastic medical team that refused to give up on me," he says. "Thanks to their hard work and dedication, I was finally able to leave the hospital after 40 days."

When Fontanella eventually returned to the University of Miami, it was for his undergraduate studies. He is now pursuing a medical degree at the Miller School of Medicine, where he studies the condition that nearly cost him his life. "No matter how long it takes, I want to cure FSGS," he says. "I want to look into the eyes of a patient suffering from the disease I had as a kid and tell them, 'It's going to be OK'—and mean it."



Brighter science

Every day, our researchers work to pursue treatments for the world's most complex diseases, increase our knowledge of the oceans, and develop new technologies to make our world greener and safer. The University has earned prominence as a visionary research institution; each year we receive more than \$380 million in research and sponsored program expenditures to support revolutionary discoveries across a range of disciplines. At the College of Engineering, we're building on our strengths in materials engineering and expanding our reach in chemical engineering and aerosol sciences to improve the human condition. The College of Arts and Sciences' Institute of the Mathematical Sciences of the Americas facilitates and disseminates research in mathematics and its applications across the hemisphere and beyond. The Miller School of Medicine receives more National Institutes of Health (NIH) funding than any other medical center in Florida—grants that enable our researchers to continue to push the boundaries of science.

BRINGING A CURE FOR BLINDNESS WITHIN SIGHT

A stem cell biologist and biomedical engineer at the University, Daniel Pelaez, M.S.B.E. '07, Ph.D. '11, is nothing if not an optimist. As part of the eye transplantation team led by Dr. David T. Tse at Bascom Palmer Eye Institute, Pelaez is confident of the eventual outcome of the team's visionary research. "I wake up each day knowing we're closer to regenerating or restoring eyesight for those who can't see," he says. "Regeneration is all around us in nature; I firmly believe that kind of healing power can help cure blindness."

For Pelaez, teaching is as strong a passion as research. "I encourage students to explore new boundaries, be creative, stay on top of new technologies, and keep an open mind," he says. "I'm proud to be associated with a place that's producing excellent clinicians and passionate scientists who are committed to improving the eyesight of people around the world."







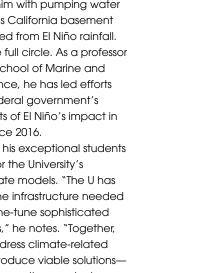
Brighter planet

Climate change represents the greatest challenge of our time one that hits exceptionally close to home, as our University is situated in one of the world's coastal cities most vulnerable to extreme weather events and sea level rise. Dedicated researchers at the University of Miami are applying their expertise and front-line knowledge to help mitigate the impacts of climate change and forge a more sustainable future. The Rosenstiel School of Marine and Atmospheric Science has built the world's only hurricane simulator capable of generating Category 5 force winds and waves over water, which will increase our understanding of the science of hurricanes and their regional impact. The School of Architecture is envisioning the future for urban environments, designing more resilient communities that improve the health, safety, and well-being of all residents. The Miami Herbert Business School is the first to offer a STEM-certified master's-degree program in sustainable business, preparing a generation of environmentally responsible, tech-savvy leaders well versed in green business and its positive impacts on the world.

FORECASTING THE FUTURE

Ben Kirtman's interest in the variability of the Earth's climate began as a child, when his father tasked him with pumping water out of their family's California basement each time it flooded from El Niño rainfall. He has now come full circle. As a professor at the Rosenstiel School of Marine and Atmospheric Science, he has led efforts to improve the federal government's operative forecasts of El Niño's impact in North America since 2016.

Kirtman credits his exceptional students and colleagues for the University's leadership in climate models. "The U has the people and the infrastructure needed to develop and fine-tune sophisticated predictive systems," he notes. "Together, we're trying to address climate-related problems—and produce viable solutions—so that the next generation can look forward to a better, healthier environment. That's our responsibility: to leave the planet better than we found it."





Brighter education

Unprecedented challenges, ranging from COVID-19 to online learning, have changed the paradigm of higher education forever. That's why we're reimagining the academic experience to help students thrive in a changing world. The University is committed to creating an environment that embraces personalized and differentiated learning styles and platforms, elevates educational technology, supports the success of every student, and advances global human endeavor. The School of Education and Human Development is advancing the science of teaching and learning in ways that will spark innovation in our classrooms and improve learning outcomes across diverse communities. We're also investing in hands-on experiences—from clinics offered through the School of Law that provide legal services for low-income clients to the in-house advertising agency at our School of Communication—that prepare graduates for rewarding, fulfilling careers.

BUILDING COMMUNITY

"Growing up biracial made me realize the importance of culture, representation, and community building," explains Miles Pendleton, B.S. '21, who credits his hometown of Eugene, Oregon, with his drive to enter public service.

When he arrived on campus, Pendleton immediately began engaging with our vibrant community through activities that included co-founding the University's NAACP chapter and mentoring high school students through the Inspire U program. After graduating summa cum laude with a quadruple bachelor's degree in Africana studies, political science, sociology, and criminology, he's returning home to serve as the recently appointed president of the Eugene/Springfield NAACP branch. "The U believed in me—it brought forth a version of myself that even I couldn't see," he says. "Going forward, I hope do the same for others."





'That's our responsibility: to leave the planet better than we found it."

BEN KIRTMAN





Brighter champions

The Hurricanes have garnered exceptional competitive achievements, winning 21 national team championships—including five football national championships—and more than 80 individual national titles. We're equally successful at preparing student-athletes for success after college. Our student-athletes achieve graduation rates above the average of their Division 1 peers and continue to earn distinction on the Atlantic Coast Conference honor roll. Thanks to their dedication to athletics and impressive classroom achievements, 'Canes succeed everywhere—from stadiums to boardrooms—winning both on the field and in their field of choice.



GAME-DAY GRATITUDE

Women's basketball head coach Katie Meier never takes game day for granted. "Part of my pre-game routine is to show how thankful I am for this opportunity," she says. "It's incredible to watch my players do what they love and do it with excellence." Off the court, Meier encourages her players to exemplify that same spirit of appreciation in their studies and community engagement. "The U has classrooms full of wonderful professors," she says. "Much learning also happens in the interactions between classmates who come from diverse backgrounds and are eager to make new discoveries."

Meier is confident that her players will shine as leaders in whatever career they choose. "If they've received an education here and played for me and my staff, then they've been challenged at the highest level," she notes. "I truly believe they represent the very top of their peer group. And I can't wait to see where they go next."



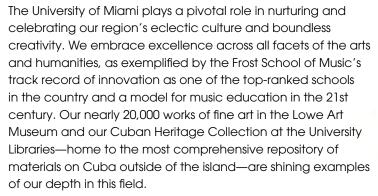
Brighter arts



LEARNING BY LISTENING

When Gerard Schwarz, the Schwarz-Benaroya Chair in Conducting and Orchestral Activities at the Frost School of Music and director of the Frost Symphony Orchestra, walks across campus, he often bumps into students practicing outside. He'll usually stop to listen and offer impromptu instruction. "I tell them, 'Play me something difficult you've been working on,'" he says with a grin.

This open, encouraging atmosphere reflects a deep sense of community and illustrates the wide-ranging diversity of a school where students and faculty members come together from a variety of backgrounds to create beautiful music. "What we do here is about making an important cultural contribution to society—and we need to fight for the things we consider important," says Schwarz. "If we don't, we'll lose them. There's always a brighter future, but we have to care deeply—and listen carefully—to create it."







Brighter opportunities



We're committed to building a culture of belonging, where every member of our community is valued and has the opportunity to add value, and every student—regardless of where they begin in life—has equal access to opportunity. Many of our programs focus on promoting equity and addressing disparities in areas ranging from educational access to health care. For example, the Miami Herbert Business School's undergraduate entrepreneurship program inspires students to take ownership of their financial destiny and pursue their entrepreneurial passion. Programming and mentorship opportunities offered through the Division of Student Affairs for veteran, LGBTQIA+, multicultural, and other student populations provide for a rich and inclusive learning experience to help pave a path to success while in college and beyond.

KELE STEWART

TRAINING COMPASSIONATE ADVOCATES

A professor of law and co-director of the Children and Youth Law Clinic, Kele Stewart represents children in the foster care system. She takes pride in equipping her students with the skills they need to succeed in the courtroom, producing empathetic graduates who provide top-tier advocacy for vulnerable populations. Stewart's clinic recently participated in a class action lawsuit on behalf of children who weren't receiving appropriate placements or mental health services—and won a favorable settlement. "Our students were front and center in helping to secure that victory," she says.

"One thing I admire about the current generation is how they don't rely on traditional answers when it comes to solving problems," she notes. "They figure out what needs to be done—and they do it."





Shaping the Future of Medicine

Gifts to UHealth and the Miller School, which comprise \$1.5 billion of the Ever Brighter campaign's \$2.5 billion goal, will catapult our medical enterprise into a new dimension of leadership, achievement, and prestige. Our top philanthropic priorities include the following.

BASCOM PALMER EYE INSTITUTE

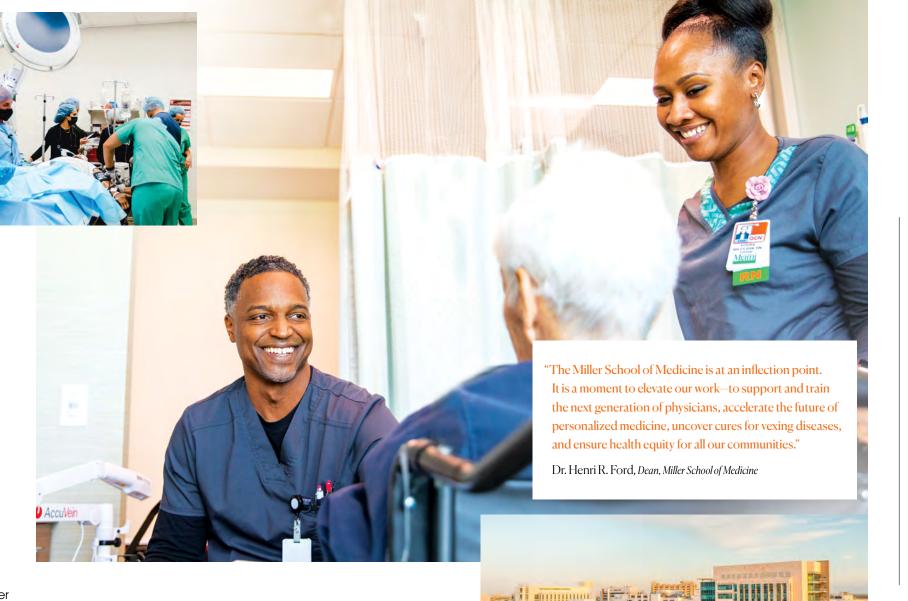
It has been ranked the No.1 eye hospital in the nation for the 20th time. Its health teams and support staff are visionary innovators who further the boundaries of discovery and clinical care, including working toward the completion of the first human eye transplant.

SYLVESTER COMPREHENSIVE CANCER CENTER

As the only National Cancer Institute-designated center in South Florida, Sylvester's investigators are combatting cancer through a broad range of revolutionary advancements and discoveries. Among them is the development of targeted therapies to destroy cancer cells while reducing the side effects of conventional treatments such as chemotherapy, surgery, and radiation therapy.

HEALTH EQUITY

We serve one of the most unique populations in the world. Our emphasis on community health equity positions us to treat patients across different cultures and ethnicities, provide exceptional treatment to those who need it most, and train our medical students to care for patients from diverse demographics. Support will further strengthen our deep community connections and provide crucial insight into treating and containing novel diseases such as the Zika virus and COVID-19.



NEUROSCIENCE

Our outstanding neuroscientists are at the leading edge of discoveries and treatments with the potential to transform our understanding of brain diseases and disorders. Donor support will build on our record of game-changing advancements—from the use of therapeutic hypothermia for treating spinal cord injury to the first auditory brainstem implant in Florida.

DEPARTMENT OF GENETICS

Extraordinary physicians and researchers within the department—one of the nation's leaders in NIH funding—are unlocking mysteries behind some of the world's most complex diseases. Examples include the identification of the major susceptibility gene for Alzheimer's disease and efforts to slow the progression of ALS by identifying the biomarkers that can lead to early approaches for treatment.

HOPE AND HEALING

On Oct. 22, 2015, Gisenia Reyes was diagnosed with acute myeloid leukemia, a deadly blood cancer. That day also marked the beginning of her journey to healing, thanks to the experts at Sylvester Comprehensive Cancer Center. "I wouldn't be alive without the care and treatment I received from the doctors and nurses at Sylvester," Reyes says. "I could have died at 33 years old, full of life—but I'm still here."

"I'm grateful to my oncologist, my transplant doctor, and everyone who has donated to Sylvester to fund innovative research and treatments," she adds. "With continued support, Sylvester's physician-researchers could be the first to find a cure for cancer."

GISENIA REYES right, with her sister and bone marrow donor, Lucy

NEXTGEN MEDICAL EDUCATION/SCHOLARSHIPS

The Miller School educates aspiring physicians who will shape the future of medicine. As part of our efforts to attract and retain the best and brightest prospective students—including those from underrepresented communities—Ever Brighter will fund a substantial increase in scholarships and ongoing enhancements to NextGenMD, our innovative medical education curriculum, which will position our graduates to excel as caregivers and health care leaders.













"Our University's emphasis on interdisciplinary learning and discovery is outstanding. Ever Brighter will amplify our efforts to promote collaboration across diverse fields of study and leverage emerging technologies to solve the challenges of our time and create a better world for generations to come."

Jeffrey Duerk, Executive Vice President for Academic Affairs and Provost

SCHOOL OF ARCHITECTURE

With the support of private philanthropy, the school is committed to meeting the challenge of climate change through educational experiences focused on urban resilience; transformative technology; and problembased, design-centered learning.

COLLEGE OF ARTS AND SCIENCES

Gifts to the college will accelerate major discoveries in science and mathematics, elevate and amplify the arts, advance our work in autism, and reimagine the Lowe Art Museum as the modern academic museum of tomorrow.

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MIAMI HERBERT BUSINESS SCHOOL

Support for Ever Brighter will enable Miami Herbert to prepare the next generation of principled business leaders through immersive learning experiences, the recruitment of talented faculty members, and the creation of four new centers of excellence—intellectual hubs that bridge multiple disciplines essential to transforming global business.

SCHOOL OF COMMUNICATION

In an age of unprecedented disruption, philanthropy will support the school's mission to educate the next generation of ethical and effective communicators, cultivate critical analysis of media, and inspire leaders for global change.

SCHOOL OF EDUCATION AND HUMAN DEVELOPMENT

Located in the fourth-largest school district in the country, the school is driving transformational change in the field. Philanthropic support will further the school's mission to shape the classrooms of tomorrow, advance educational equity, and improve physical and mental well-being through our AgingWell Initiative.

COLLEGE OF ENGINEERING

With all the complexities facing humanity—from climate change to COVID-19—the time to engineer a better world is now. Philanthropy will support the college's mission to advance scientific discovery, expand into new fields including neural engineering and aerosol science, and build new facilities to house modern STEM programs.

SCHOOL OF LAW

With philanthropic support, the school will deepen its areas of specialization, expand its legal clinics to provide services to underrepresented communities, and prepare today's students to be tomorrow's leaders in the legal profession and beyond.

ROSENSTIEL SCHOOL OF MARINE AND ATMOSPHERIC SCIENCE

Philanthropy will fuel the Rosenstiel School's leadership in saving lives through better climate forecasting, protecting our coral reefs and marine life, feeding the world through sustainable aquaculture, and translating the ocean's secrets into scientific and medical advancements.

MILLER SCHOOL OF MEDICINE

Since its founding, the Miller School has been at the forefront of innovation in the medical sphere. Support for Ever Brighter will empower the next generation of health care leaders, advance transformative research, translate new discoveries into cures and treatments, and illuminate solutions for health equity.

FROST SCHOOL OF MUSIC

The Frost School is a model of excellence for music education. Philanthropy will support notable projects by faculty members and students, widen the scope of our innovative Frost Method curriculum, leverage the unique diversity of the Miami music scene, and secure our standing as the next great American music school.

SCHOOL OF NURSING AND HEALTH STUDIES

COVID-19 illustrated the critical role nurses play in making our world a healthier, more caring place. Donor support will further the school's mission to prepare the next generation of front-line nurses to eradicate health inequity, combat human trafficking, and shape the future of holistic care.

GRADUATE SCHOOL

For 80 years, the Graduate School has empowered students to master their chosen disciplines through world-class education and inquiry. Support for the campaign will help us attract the brightest, most promising candidates and increase access for underrepresented communities.

UNIVERSITY LIBRARIES

With private support, we will expand our acquisition and preservation of rare and distinct collections and increase access to these collections through technology and transformed spaces.

"Across the University, humanists, artists, biomedical researchers, and engineers are collaborating to advance research and discoveries that could change our world."

Erin Kobetz

Vice Provost for Research and Scholarship and the John K. and Judy H. Schulte Senior Endowed Chair in Cancer Research

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Fueling our vision

The University of Miami's commitment to solidify our stature as a global education leader is stronger than ever. The ambitious goal we have set for Ever Brighter encompasses a core group of top-level funding priorities that will power the work of our learning community.

MAXIMIZING STUDENT POTENTIAL

Donor support will further our mission to attract diverse, talented applicants who will raise the caliber of our academic profile even higher. We will increase the amount of financial assistance awarded through a combination of endowed and current-use scholarships. These funds will make a University of Miami education more accessible and affordable and help students reduce their debt burden.

We will invest in programs that improve the student experience and strengthen our position in a competitive market by making the University more attractive to prospective students and families. Support for Ever Brighter will also fund improvements to our campus and residential community that promote inclusion, encourage cross-disciplinary learning, and enhance student life.



ELEVATING FACULTY TALENT

Our faculty members are one of the University's greatest strengths; they play a pivotal role in our pursuit of excellence. Donor support will enhance their interdisciplinary research and scholarly activities. We will add 100 endowed positions to create greater fiscal strength for the University, help us achieve critical mass in key research disciplines, and provide a framework for securing additional funding. Private support will provide seed funding so faculty members can secure the facilities and staff members needed to launch new initiatives. Adding \$500 million to our endowment will also strengthen our competitive position as we continue to recruit world-class academic talent.

"The pandemic has taught us that resiliency matters. That's why it's so important for the University to have a strong, stable, predictable source of funding—such as an endowment that funds research, faculty chairs, and student support."

Jacqueline A. Travisano

Executive Vice President for Business and
Finance and Chief Operating Officer

ADVANCING RESEARCH AND DISCOVERY

Philanthropy will enable us to create a comprehensive, University-wide endowment that will power our



research enterprise and spark breakthroughs around complex challenges in areas ranging from climate change and cancer to urban resilience. These funds will enable us to establish research centers, institutes, laboratories, and collaborative working spaces that reflect our world-class stature and to develop treatments and cures that address pressing global health care challenges.

Donor support will fund state-of-the-art equipment that students, clinicians, faculty members, and staff need to innovate and excel and to take their innovations developed at the U into the global marketplace. We will also expand our health care research portfolio to advance translational projects that have a positive impact on the lives of our patients, and increase our institutional focus on science, technology, engineering, and mathematics.

TRANSFORMING PATIENT CARE

We will strengthen our position as a globally recognized academic medical center at the forefront of medicine through investments that drive our leadership in patient-centric care, supply new diagnostic tools, and offer treatments that ensure improved health outcomes. Donor support will allow us to include new community-facing clinical care centers, establish institutes focused on cardiovascular medicine and

"Ever Brighter is our opportunity to show what we are capable of, together. Your investment will have a transformational impact on the University, our students, our faculty members, our patients, and the communities we serve."

Joshua M. Friedman, Senior Vice President for Development and Alumni Relations

neuroscience, and provide ongoing investments in our world-class centers of excellence—which include Sylvester Comprehensive Cancer Center and Bascom Palmer Eye Institute.

INSPIRING COMMUNITY ACTION

The University of Miami is not only one of the nation's leading academic institutions, we are a valued resource for the South Florida community we call home. We deliver critical service to the people of our region and beyond through a wide range of activities that rely on philanthropic support. These include programs that bring state-of-the-art health care to underserved populations, partnerships focused on sharing our ideas and intellectual capital with scholars around the world, and research efforts focused on promoting sustainable economic development.



CHAMPIONING OUR 'CANES

As the name on their uniform suggests, the 'Canes are a whirlwind of activity. Their achievements unite the U and foster school spirit. Beyond the field of play, they excel in their studies and log thousands of community service hours annually in support of vital organizations.

Through the campaign, we will continue to invest in our student-athletes to ensure they have the resources they need to compete at the highest level—and provide them with an academic experience that enables their accomplishments to reverberate far beyond the arena of competition. Philanthropic support will enable us to recruit gifted young people through generous scholarships, attract and retain top coaching talent, and expand and upgrade our facilities to optimize performance.

"Since our founding, the University of Miami has been and continues to be an ever more important driver for student success, breakthrough research and discovery, and service to our community. Through our Ever Brighter campaign, we will continue to grow and deepen the engagement of alumni and donors who believe in our University and are committed to moving the U's mission forward."

Stuart A. Miller, J.D. '82 Campaign Chair of Ever Brighter: The Campaign for Our Next Century





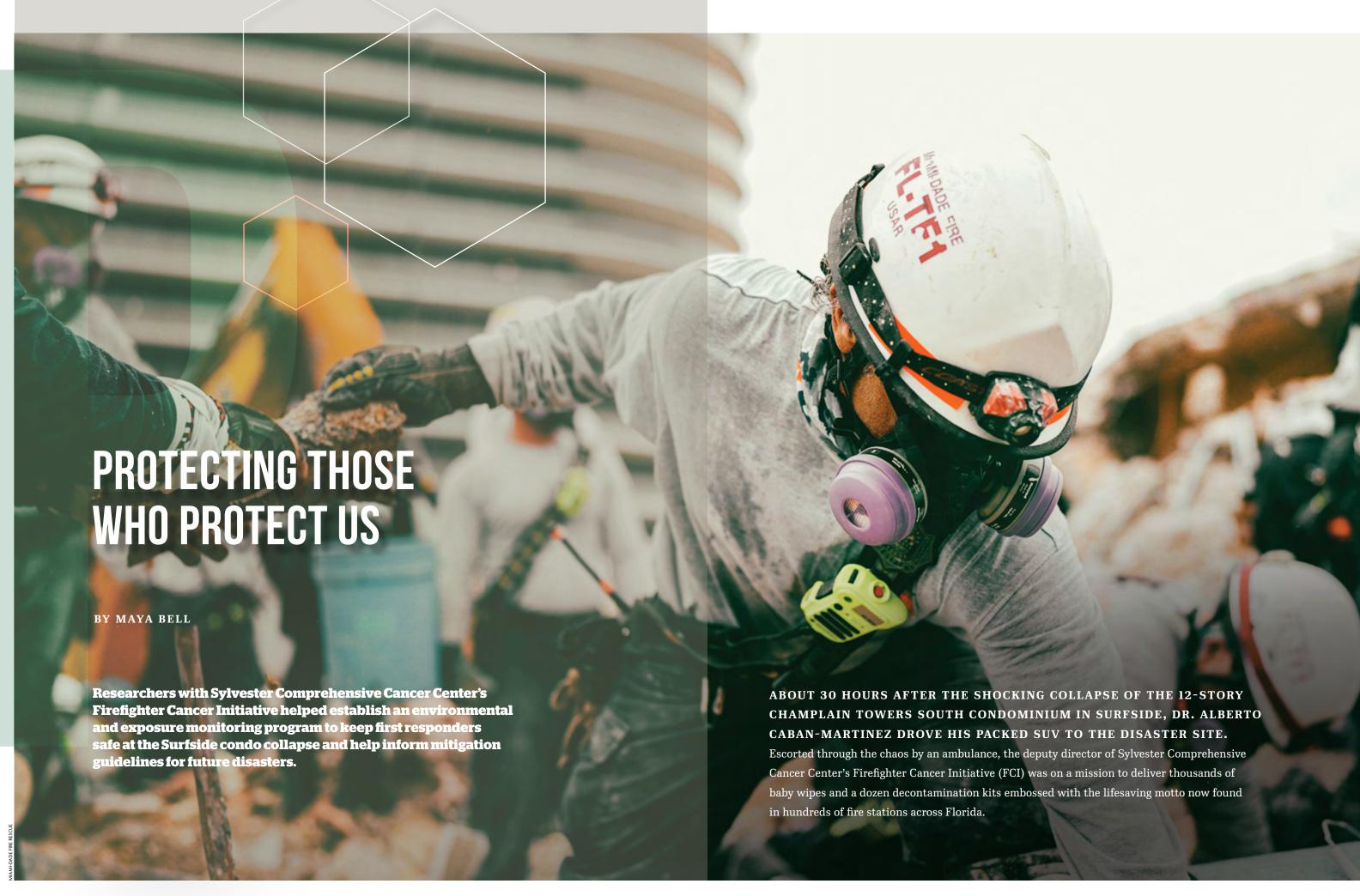
Reaching our historic \$2.5 billion goal will involve the participation of thousands of alumni, grateful patients, and friends from every corner of our community.

This is our time to show the world what it means to be a Miami Hurricane. To be a part of something much bigger than ourselves. To pursue bold ideas that will change us and our world for the better. And, to shape the future we want—one that offers opportunity, hope, and the promise of a more prosperous tomorrow for all.

We invite you to join us in charting an ever brighter future. For more information, please visit



everbrighter.miami.edu



"Clean is the new badge of honor," the large, green buckets say. Each contained the dish soap, scrub brushes, wipes, spray bottles, and hoses that Caban-Martinez, B.S. '01, Ph.D. '11, hoped search-and-rescue workers would use to eliminate microscopic toxins he knew would cling to their skin and gear after 12 hours of sifting through the rubble that entombed nearly 100 people.

"Prevention is key," explains Caban-Martinez, an associate professor of public health sciences at the University of Miami Miller School of Medicine. "You do not want to be marinating in these compounds that are circulating in the air."

Soon after, FCI founding director Erin Kobetz, who began collaborating with South Florida firefighters in 2014 to learn why cancer was stalking them, ordered hundreds of air-filtering P-100 masks to replenish the supply at the collapse site. Turning an unthinkable tragedy into a valuable learning opportunity, she and Caban-Martinez also expanded FCI's role in Surfside to help launch an environmental and exposure monitoring program that not only kept first responders safer on the ground but will inform future guidelines for protecting them from another occupational hazard likely to add to their risk profile.

"We were uniquely positioned to take the evidence gleaned from our ongoing effort to address why firefighters are at increased risk of cancer incidence and mortality and rapidly translate it to a disaster that could augment this risk substantially," says Kobetz, Sylvester's associate director for population sciences and cancer disparity, the University's vice provost for research and scholarship, and the John K. and Judy H. Schulte Senior Endowed Chair in Cancer Research. "Our hope is that we and our firefighter colleagues learn together how to mitigate the risks that emerge in a different disaster scenario."

At the annual meeting of the American College of Epidemiology in September, Caban-Martinez presented the first of what will likely be several environmental exposures studies from data collected in Surfside. Conducted with Miami-Dade Fire Rescue (MDFR) and the Department of Science and



POLYARMATIC HYDROCARBONS Research at the International Association of Fire Fighters (IAFF), that initial study found that first responders who searched the debris pile were exposed to high concentrations of polyaromatic hydrocarbons (PAHs), the massive class of known and possible carcinogens that firefighters all too often encounter at fire scenes



Caban-Martinez also launched SAFE—for the Surfside Assessment of First-Responder Exposures study—which aims to collect two years' worth of toenail clippings from hundreds of members of the Urban Search and Rescue

teams who rotated on and off the collapse site. Like slow-growing rings of a tree, Caban-Martinez says, toenail growth can provide snapshots of a person's exposure to heavy metals.

But the hope is that rescue workers mitigated the risks posed by PAHs, or other toxins released by the building's collapse and ensuing fires, by adhering to the health and safety rules that the MDFR and IAFF developed with guidance from Caban-Martinez and Dr. David Prezant, the chief medical officer of New York City's fire department and co-director of the World Trade Center Health Program. If so, that outcome would be owed in part to the University's real-time environmental and exposure monitoring efforts that were used to keep rescue personnel informed of the hazards and motivated to follow decontamination and personal protective equipment (PPE) protocols.

"There are usually two aspects to encouraging PPE use," says Derek Urwin, the IAFF's director of science and research, who collaborated with the MDFR; Federal Emergency Management Agency safety officers; and researchers and students from the Miller School, the Rosenstiel School of Marine and Atmospheric



Science, and the College of Engineering to initiate environmental and occupational exposure monitoring at Surfside.

"One is enforcement—when your boss tells you to do it," Urwin continues. "The other, which is more effective, is motivation when you understand that you can protect

yourself from real hazards. We were able to use real-time environmental data to convey to the firefighters that, 'You can't see them, you can't smell them, but there are respiratory hazards here. So, keep your respirators on.' It made a big difference, and hopefully the outcome will be that we won't see a lot of long-term health impacts like we did after 9/11."

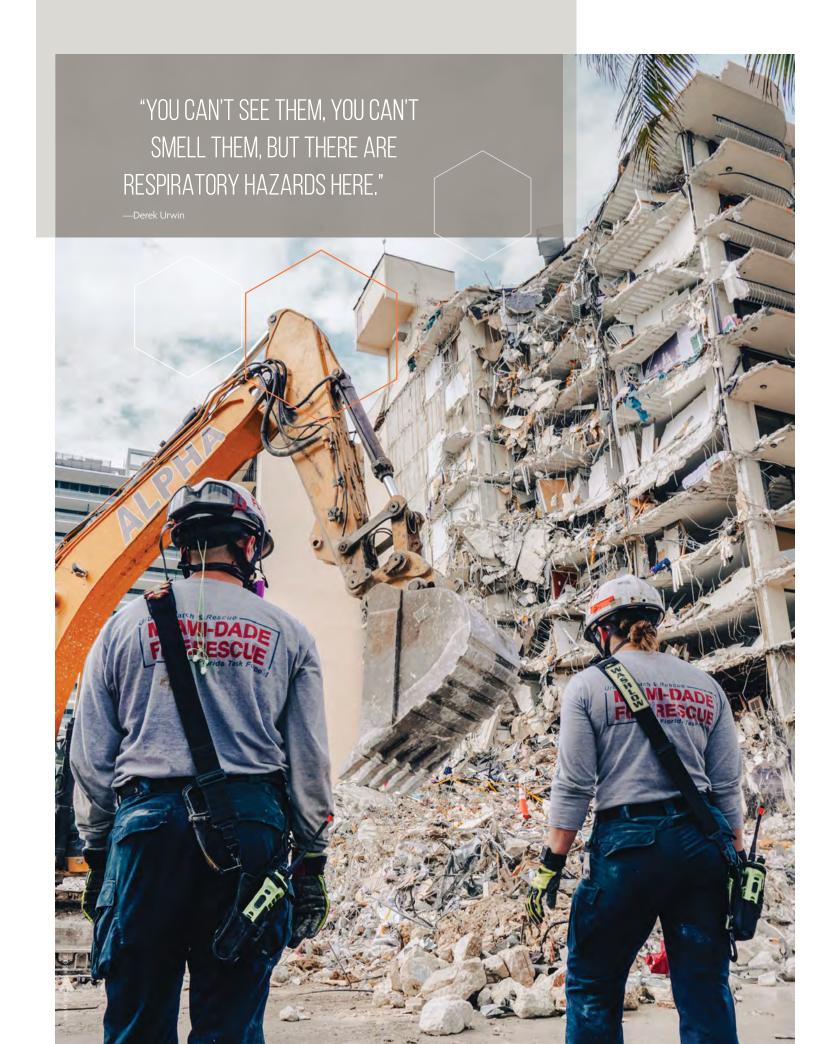
It was, ironically, the growing awareness of those health impacts that inspired the creation of the FCI, which the Florida Legislature has continuously funded since its 2015 inception. During the 20 years since terrorists crashed planes into the World Trade Center's twin towers, at least 200 New York City firefighters have died from illnesses tied to the toxic mist that enveloped Manhattan in the ensuing months. Hundreds more have been diagnosed with a variety of cancers, including multiple myeloma—the same blood cancer that killed the Palm Beach County Fire Rescue captain who first asked Kobetz to connect the dots between firefighting and cancer.

Butch Smith, who died at age 54 nearly nine years after his 2008 diagnosis, and his comrades knew too many other front-line firefighters in Florida who had been stricken with a variety of cancers at a young age. But since none of them had taken part in New York's post-9/11 recovery, they reached out to Sylvester, the state's only academic cancer center, to provide the evidence-based data that would legitimize—and hopefully one day prevent—what they knew to be true: Their jobs put them at a high risk for cancer.

Urwin, a former Miami-Dade firefighter who has been with the Los Angeles County Fire Department for 15 years, also knew who to enlist when he realized it would fall to MDFR and the IAFF to initiate exposure monitoring in Surfside. "Given the aftermath of 9/11, we all assumed that when this type of major incident takes place, some sort of government environmental monitoring program would automatically go into play," he says. "But, after a couple of days, it became clear that was not the case, so knowing this was Miami, Alberto and Erin were my first two phone calls."

In short order, Urwin flew from L.A. to Miami, where

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THE HURRICANES FOOTBALL TEAM AND STAFF MEMBERS WERE AMONG MANY UNIVERSITY VOLUNTEERS WHO SUPPORTED THE RECOVERY OPERATION BY PROVIDING FOOD AND WATER FOR FIRST RESPONDERS.



NARESH KUMAR, PROFESSOR OF ENVIRONMENTAL HEALTH IN THE DEPARTMENT OF PUBLIC HEALTH SCIENCES, FACILI-TATED THE AIR-MONITORING EFFORTS AND EMPLOYED MULTIPLE INSTRUMENTS AND REAL-TIME POLLUTANT SEN-SORS TO MONITOR PARTICLES AND GASES CIRCULATING.



BRANDON PARKER, A UNIVERSITY PHYSICIAN, ALSO WORKED AT THE SITE AS A MEDICAL TEAM MANAGER.

University Provides Multifaceted Support for Surfside

The University of Miami has provided an extensive array of services, resources, and academic expertise to support the Surfside recovery operation, the community, and aggrieved families.

Obed Frometa, a lieutenant with Miami-Dade Fire Rescue Task Force 1 who gathers and packages vital debris data, was among the first responders on the scene the morning of the disaster. By midday, he would be joined by Howard Lieberman, an assistant professor of surgery in the Division of Trauma and Surgical Critical Care at the Miller School of Medicine, who was deployed to the site as the medical manager of Miami-Dade Fire Rescue's Urban Search and Rescue Team/Florida Task Force 1. In his role, Lieberman served to treat the injured and to oversee the medical well-being of team members who navigated the precarious piles of rubble and debris in search of survivors.

Another University physician, Brandon Parker, an assistant professor of surgery in the Division of Trauma and Surgical Critical Care, worked at the site as medical team manager of the City of Miami's South Florida Urban Search and Rescue Team/Florida Task F<u>orce 2.</u>

Pediatric critical care physician G. Patricia Cantwell joined Parker in Surfside, contributing what he described as "tremendous experience and insight" to the effort. A longtime veteran of Task Force 2, Cantwell has been deployed to disaster areas both at home and abroad, including Ground Zero in Lower Manhattan after condo management and safety. the 9/11 terrorist attacks and in Port-au-Prince, Haiti, after the devastating 2010 earthquake.

On the medical campus, Vincent J. Torres, director of emergency management for the University of Miami Health System, and his Hospital Incident Command Team sprang into action as soon as they got word of the disaster, ordering additional liters of blood and ensuring that adequate medicines were in place in UHealth Tower's emergency department. Elyzabeth Estrada, manager of emergency preparedness for UHealth, volunteered at the site of the collapse, supporting Miami-Dade County's Office of Emergency Management.

Using high-tech sensors, Naresh Kumar, an associate professor of environmental health in the Department of Public Health Sciences, assisted first responders in monitoring levels of particulate matter—a mixture of solid particles and liquid droplets—produced by the collapsed building.

The Gordon Center for Simulation and Innovation in Medical Education has taught advanced practice interventions to firefighters and paramedics in the field for decades. Frometa, Lieberman, and other members of Miami-Dade Fire Rescue's Florida Task Force 1 credited that extensive training with preparing them to manage the trauma and devastation

More than 18,000 first responders and front-line workers from across Florida train at the center each year. Countless nursing and medical students, physicians, physician assistants, nurses, paramedics, firefighters, and instructors worldwide have all received their essential disaster training at the center during its 40-year history.

University demographer Ira Sheskin, who has been documenting the changes in South Florida Jewish communities for four decades. was much in demand in the days and weeks following the tragedy.

As one of the nation's preeminent scholars of U.S. Jewish life and migration, Sheskin was deluged with phone calls and emails from reporters around the country and the world seeking his insights to the response of the close-knit Jewish community of Surfside

In the wake of the collapse of Champlain Towers South, the Florida Bar set up task forces to explore how to promote more responsible

Bill Sklar, B.B.A. '77, J.D. '80, a long-standing adjunct professor at the School of Law who has taught condo law for several decades, was named chair of the Condominium Law and Policy Life Safety Task Force of the Bar's Real Property, Probate, and Trust Law Section.

"Our mission is to review all aspects of Florida Condominium Law to determine if any changes are necessary that could prevent this terrible tragedy from recurring," Sklar explains.

He says the group is committed to critical reforms regarding inspection and certifications.

Members of the 'Canes football team and staff members were among many University volunteers who supported the recovery operation by providing food and water for first responders.

The players' efforts were coordinated through Second Spoon, a student-athlete nonprofit organization that delivers meals to hungry families in Miami and other cities.

—Robert C. Jones Jr. and Michael R. Malone

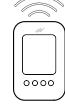
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researchers from across the University eagerly stepped up to help. They offered their expertise, equipment, and a handful of "remarkable" students, who Urwin said provided essential assistance at the collapse site or in the lab.

Naresh Kumar, professor of environmental health in the Department of Public Health Sciences who specializes in the health effects of air pollution, facilitated the air-monitoring efforts and employed multiple instruments and real-time pollutant sensors to monitor particles and gases circulating on and adjacent to the debris pile—and as far as six blocks away. "Within a block of the site, I removed my respirator and had a burning sensation in my throat and eyes," recalls Kumar, who was assisted by graduate students Johnathan Penso, B.S. '21, and Samantha Abelson, B.S.M.A.S. '21. "Using readings from our real-time sensor and my own symptoms, I told Derek: 'Tell all these folks not to remove their respirators unless they are in the tent or a protected area."

Cassandra Gaston, an assistant professor in the Department of Atmospheric Sciences—who studies the composition and size of aerosols—lent handheld, battery-operated air samplers, and her detail-oriented research assistant, Michael Sheridan, B.A. '21. He provided Urwin and Kumar vital in-the-field support. And Helena Solo-Gabriele, B.S. '87, M.S. '88, professor in the Department of Chemical, Environmental and Materials Engineering, supplied an X-ray fluorescence analyzer that, resembling a big gun, almost instantly detects high levels of metals in any material. Soon after, her graduate student, Afeefa Abdool-Ghany, began analyzing dust samples and metal readings collected at the site.

REAL-TIME SENSORS AND SILICONE WRISTBANDS MONITOR **ENVIRONMENTAL POLLUTANTS.**





The only researcher with early access to the disaster zone, Urwin was also instrumental in organizing the PAH study that Caban-Martinez presented in September. For that study, graduate student Umer Bakali, B.S. '18, processed and analyzed the data collected from 29 silicone wristbands that Urwin placed around the collapse site before the controlled demolition of the remaining tower structure and another 48 wristbands worn by rescue workers who continued the grueling search of the debris pile afterward.

It was almost the very same kind of simple wristbands that originally helped Kobetz, Caban-Martinez, and other FCI investigators begin linking firefighting to cancer. Firefighters who wore similar wristbands in earlier studies eventually learned that the soot-covered fire gear they proudly stowed in their trucks, their sleeping quarters, or their homes weren't badges of honor. They were perfect conduits for spreading the cancer-causing contaminants that could have been wiped away with dish soap and water.

"I'm always thinking about firefighters—like what they were doing after Hurricane Ida hit the Gulf coast, what we could do to protect them from things like water contamination and infection," Caban-Martinez says. "Because we know they will do whatever it takes to do their job, which is saving lives without considering the repercussions. But it's our job to make sure they know how to protect themselves from hazards and reduce their risks."



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OF MIAMI STUDENTS WERE TOLD IN MARCH 2020 THAT CLASSES FOR THE REST OF THE ACADEMIC TERM WOULD BE MIGRATED ONLINE.

Then, as the start of the Fall 2020 semester grew closer, University officials had a daunting deci to make: whether to follow the national trend of continuing to teach virtually or to offer students the choice of returning to campus for in-person instruction.

The University chose the latter, taking precautions that were so meticulous in their nature that no cases of in-classroom transmission of the virus were recorded throughout the full academic year.

That decision was just one of many actions, taken during the past two years, that have allowed the University to not only effectively deal with the pandemic but also demonstrate its longtime ability to endure and remain resilient in the face of adversity, President Julio Frenk said during his third State of the University Town Hall, held Sept. 28.

"The tradition of resilience that has been with us from our founding has been the cornerstone of our response to an unprecedented convergence of crises on the health, economic, and social fronts," Frenk said. "We have not shied away from tough choices, and we have stepped boldly into our mission."

The University's president spoke to a live audience of about 125 people inside the Shalala Student Center Ballroom attendance was limited because of adherence to COVID-19 safety protocols—and to thousands more watching virtually.

Frenk, the former minister of health of Mexico, recognized the "herculean efforts" of the University of Miami Health System during the pandemic, noting that once the government lifted restrictions on elective procedures, UHealth physicians resumed seeing non-COVID-19 patients—a decision, he said, that helped save lives. "The impact of COVID-19 on health outcomes is much broader than the official case and death counts," Frenk pointed out.

He honored members of the University community who played pivotal roles in helping the institution navigate the COVID-19 crisis. Through video vignettes, town hall participants listened to workers on the front lines describe their experiences during the pandemic. One of them was Doreen Ashley, D.N.P. '11, executive director of nursing at UHealth, who has been with the health system for more than 30 years. "We did a lot of planning prior to getting our first patient," Ashley said in her video. "Getting that first patient then became real. Daily, literally, we were making changes. As we learned more, we did more. As the CDC guidelines changed, we changed."

Frenk told the audience that while the world has changed, time has not stood still, and the University continues to move forward. As such, he revealed the ambitious plans the University has in the works.

At homecoming in early November, the University officially unveiled its new fundraising effort. Ever Brighter: The Campaign for Our Next Century is chaired by longtime University benefactor and trustee Stuart Miller, J.D. '82, former chair of the Board of Trustees and current chair of the UHealth Board of Directors, whose family in 2004 made a

landmark \$100 million naming gift to the medical school in memory of his late father, Leonard M. Miller.

Reaffirming the University's commitment to racial diversity and inclusion, mentioning the 15-point action plan to advance racial justice he unveiled last summer, Frenk informed listeners that the University hired 14 new Black faculty members this academic year. The new Center for Global Black Studies has launched, and plans are underway to renovate nearly 13,000 square feet on the second floor of the Whitten University Center to meet the needs of several student groups.

RAMPING UP UHEALTH

Frenk described the University of Miami Health System as being on a "trajectory to preeminence," even though it sits at the intersection of the two sectors most impacted by the pandemic: education and health care. He announced ambitious expansion plans that include a new research building for the National Cancer Institute-designated Sylvester Comprehensive Cancer Center and new outpatient facilities in Palm Beach, Aventura, and Doral in the years to come.

The new Miller Center for Medical Education is scheduled for a spring 2024 completion, a project that "reflects what we know across the University—we cannot have 21st century learning in 19th century classrooms," Frenk acknowledged.

On the residential housing front, Frenk announced the resumption of planning for Centennial Village, the second phase of a multiyear plan to modernize campus housing. Lakeside Village opened last fall.

He said that the new 'Cane Commitment approach of helping students to become critical thinkers, effective communicators, problem-solvers, and world citizens will be integrated into the first-year experience starting next fall. And he revealed a new partnership with the educational technology company 2U for a new, fully online MBA that builds on successful platforms for remote learning.

Frenk also announced the creation of the New Century College, an initiative to experiment with and evaluate novel approaches to teaching and learning.

OTHER DEVELOPMENTS PRESIDENT FRENK UNVEILED AT THE TOWN HALL INCLUDED:

- An inaugural cohort of Academic Innovation Fellows convenes members of the faculty who are immersed in designing the delivery of content based on matching effective pedagogy to student learning needs.
- The new Climate Resilience Academy will deliver solutions to climate change impacts and related stressors in partnership with industry, government, universities, and other stakeholders.
- The University is continuing its partnership with the Knight Foundation and in the fall began hosting a series of conversations about Miami at the intersection of tech and democracy.
- Earlier this year, a \$4.3 million grant from the Knight Foundation unlocked \$6 million in matching funds from Phillip and Patricia Frost, whose 100 million gift in 2017 launched

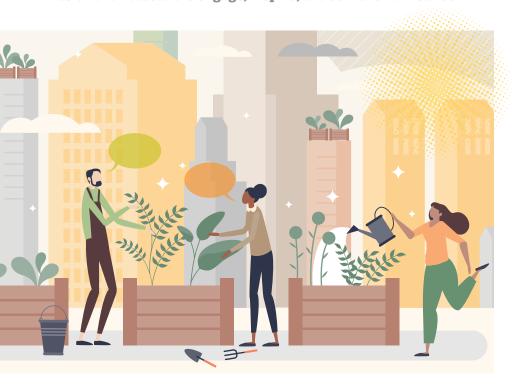
the University's Frost Institutes for Science and Engineering. The gift is enabling the University to recruit six Knight endowed chairs at its new Institute for Data Science and Computing (IDSC), including Yelena Yesha, the first Knight Chair of IDSC, who participated in a panel that immediately followed the president's remarks. It addressed strategies on how the University can make innovation a priority. \blacksquare

Alumni Digest

News and Events of Interest to University of Miami Alumni

Get to Know Your Alumni Leaders

National ambassadors engage, inspire, and serve fellow 'Canes



As he welcomed the Class of 2021 into the University of Miami Alumni Association (UMAA) at spring commencement, Devang Desai, B.A. '97, J.D. '03, reminded these newly minted alumni that "a great University experience does not end at graduation" and that they were "about to start a whole new relationship with the U."

Desai, a partner in the South Florida law firm of Gaebe, Mullen, Antonelli & DiMatteo, has also stepped into a new role as president of the Alumni Board of Directors. As an alumnus, he has rendered continued exemplary service to the University. He is a member of the President's Council and the University's Board of Trustees, and he has served as a past president of the School of Law Alumni Association.

As president of the Alumni Board

"A great University experience does not end at graduation."

—Devang Desai

of Directors, Desai plans to continue engaging and connecting alumni across the globe. "This is a tremendous honor," he says. "I look forward to strengthening the University of Miami network and ensuring that our alumni feel valued and continue their engagement at all levels of our alumni network to champion an ever brighter U."

Desai and his 38 fellow members of the alumni board play critical roles as ambassadors for the University. They encourage alumni engagement, philanthropic giving, and volunteerism; offer strategic insight; foster 'Cane pride and spirit; and work diligently to advance the UMAA's mission.

Young alumni are represented on the alumni board by MacKenzie Green, B.S.C. '10. She is also the new president of the Young Alumni Leadership Council, which relaunched this year and represents alumni who earned their undergraduate degrees in the past 10 years. The council supports the needs of recent graduates with tailored communications and events that foster relationships, facilitate networking activities, and create a strong culture of giving.

Beyond the national boards, alumni around the country can stay in touch with their alma mater through one of nearly 40 'Canes Communities or one of a variety of special interest groups. These regional and affinity groups (including several international chapters) provide alumni, parents, students, and friends of the University of Miami with connections to the University through educational events; community service; and social gatherings, such as game watch parties, professional networking, mentoring, and other programming. These groups are the best, easiest way for alumni to tap into the worldwide University of Miami network.

'Canes Communities are led by alumni volunteers, with the president and president-elect of each community also serving on the Alumni Council, along with leaders of special interest and school/college alumni groups. 'Canes Community and affinity group leaders serve as ambassadors and promoters of the University in their home regions, deliver robust engagement programming, hire 'Canes, mentor students, and solicit financial support for the University. As an example of the latter, the top 'Canes Communities—by alumni

population in their home region—have established regional student scholarships and have developed programming dedicated to raising funds for these scholarships. As a result, 17 scholarships were awarded this year.



In preparation for Ever Brighter:
The Campaign for Our Next Century,
the UMAA revamped the 'Canes
Community structure, including the
reboot of the Miami 'Canes Community,
a critical component of the UMAA's
representation in its hometown, and
the strengthening of volunteer leadership in the top markets.

These leaders—whether at the national, regional, or affinity level—help the UMAA identify new individuals to engage with the University, develop strong leadership boards that can continue their work once they complete their term of service, encourage philanthropic support, and promote the University in their own circles of influence. They are our ambassadors, our biggest advocates, and our most passionate supporters, who are critical to advancing the University's mission and most important initiatives.

See page 59 to find your local 'Canes Community.

On Screen? In Person? Both?

The future of alumni engagement is hybrid

After 18 months of engaging alumni virtually, the University of Miami Alumni Association (UMAA) is resuming select in-person events as permitted by evolving health and safety guidelines.

The UMAA will continue to host virtual events and programs, such as the interactive UM Experience and the most recent edition of Women of the U, held in August. In-person offerings, like the pregame tailgate held in Atlanta for the Chick-fil-A Kickoff against Alabama in early September, feature robust safety protocols including physical distancing, indoor masking, and strict guidelines for food service.

Programming in both modes—a hybrid engagement model—will help alumni stay connected to the University and other 'Canes. "In these uncertain times, it's important that the alumni association remains flexible in our programming," says Erica Arroyo, B.S.C. '03, M.A.L.S. '08, associate vice president for engagement. "Employing a hybrid model will allow us to adapt quickly as circumstances evolve."

Hybrid programming allows participants to enjoy the advantages of virtual events (for example, being able to attend events hosted outside one's area) and attend events in person when feasible. A third model being explored is that of true hybrid events, in which guests have the option of either attending in person or joining online. The Alumni Board of Directors kicked off this fall with a fully hybrid meeting for volunteers during the Alabama vs. Miami football weekend.

To better plan its response to the changing rules for public gatherings and the ongoing challenges of physical distancing, the UMAA also surveyed alumni on their engagement preferences and incorporated feedback into strategies. All efforts are being made



A hybrid model will allow participants to attend events either virtually or in person.

to ensure that safety for events is paramount while creating a comfortable setting for 'Canes and friends of the U to gather.

Striving to offer something for everyone, the UMAA presents alumni with a wide range of events, community service projects, courses, and other programming, spanning categories as diverse as the arts, education, professional development, sports, health and wellness, business, social, networking, and affinity-based events.



Review the schedule of upcoming events at alumni.miami.edu/events

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New Anthem for Our Next Century

Ever Brighter song adds extra sparkle to Homecoming

Multi-Grammy-winning artist
Jon Secada, B.M. '83, M.M. '86, has
already lent his voice and story to
Ever Brighter: The Campaign for
Our Next Century. During the
Homecoming festivities, he and
students from the Frost School of
Music took the Lakeside Patio stage
for the premiere performance of
"Ever Brighter," written and composed
by Rey Sanchez, B.M. '80, M.M. '82,
director of the Bruce Hornsby Creative
American Music Program at the Frost
School of Music.

The song, which looks to the brilliant horizons that beckon as the U enters its second century, was a rousing prelude to our most cherished Homecoming traditions, the boat burning and fireworks on Lake Osceola.



Changing the Rules, Impacting Lives

Women of the U panel features business and tech leaders

Three University of Miami alumnae who have forged successful careers as entrepreneurs, consultants, and mentors were the featured panelists in the latest edition of Women of the U, which took place virtually during the summer. The University of Miami Alumni Association initiative seeks to build community among alumnae and female students and foster engagement through programming and activities focused on women's issues. The event's theme was "Changing the rules: impacting lives." The three panelists explored how to develop and deploy a winning market strategy, understand and capture sufficient market share, and secure financing—all critical success factors—as well as how to expand access to the business arena in ways that change lives for the better.

Patricia Dunac Morgan, B.S. '06, who moderated the discussion, is an innovative and passionate educator whose consulting firm, The Executive Learning Lab, provides programs, content, and strategies to support organizational diversity, equity, and inclusion efforts. She is a volunteer leader at the University and serves as president of the Black Alumni Society.

Joining Morgan on the panel was Birame Sock, '97, a successful serial entrepreneur in the technology and media sectors. Her first startup, Musicphone, was the catalyst for

bringing music recognition technology to wireless consumers in North America in the early 2000s. After several more successful ventures, Sock split her time between Miami, Senegal, and Gambia, providing business development assistance and building entrepreneurial capacity in Africa.

Also on the panel was Samantha Ku, B.B.A. '10. After five years in banking, Ku joined San Francisco-based Square, Inc., where she is now chief operating officer. Moving from traditional finance to fintech—an industry where disruptive innovation drives growth—has enabled Ku to lead efforts toward achieving financial inclusion in traditionally underserved communities.





Swimming Is Their Passion, Water Safety Their Mission

Alumni Robert and Jennie Strauss own Swim Gym, one of 800 'Cane-owned businesses

As a child in Mexico City, Robert Strauss, B.A. '74, M.S.Ed. '77, discovered a passion for swimming that became his life's work and connected him to his life partner—his wife, Jennie Strauss, B.M. '81, M.M. '82.

It began with what Strauss calls "little races" at Mexico City's principal Jewish community center. At age 9, he qualified for a competition in El Salvador, which meant traveling by plane for the first time, a trip he still remembers with awed excitement. His talent propelled him to the 1972 Olympics, where he represented Mexico in the men's 100- and 200-meter freestyle and freestyle relays.

As a student at the University of Miami in the early 1970s, he met Jennie Farberoff, a fellow swimmer who had competed at the national level in her native Colombia. They married while she was an undergraduate and he was working toward his master's degree in education.

After Strauss's stint as a teacher and swim coach at Ransom Everglades School in Miami, he and Jennie founded Swim Gym in a warehouse in Coral Gables in 1984. After several moves, their swim school opened its current location in Miami Beach in 2012.

"It has always been my mission to educate people about drowning, which is so preventable."

—Robert Strauss

Over the years, the Strausses have made water safety their central mission.

"It has always been my mission to educate people about drowning, which is so preventable," Strauss says. "The biggest challenge is that people think that in five or 10 lessons, the teacher teaches the children to float on their backs, and it's not about that. [It's about] not letting the child be ignorant of the consequences, about teaching the child what it means to have an exit plan before they go into the water."

Strauss draws on the principles of psychomotricity, the relationship between mental processes and physical activities, to help children develop the skills to enter and exit a body of water safely. "If it's a pool, where are the steps? If it's the ocean or a bay or a lake, where is the rock you are going to use to climb out? They [become] aware of the consequences and know they won't drown in the first 10 seconds. They turn and grab a wall. They learn what they have to do if I weren't there in that moment."

Beyond water safety, there is the fun factor. "We don't want to teach people to swim for their life. We want people to learn to swim for their whole life, whether they use swimming as exercise or recreation," Strauss notes. "Once you know how to swim, the world opens up with scuba diving, kite surfing, boating, jet skis, you name it. And you have such a good time." —Pamela Edward



Swim Gym is one of more than 800 businesses around the country owned and operated by University of Miami alumni. Check out the 'Cane Biz directory at alumni.miami.edu/connect/cane-biz to find 'Cane-owned business and alumni discounts near you. If you want to list your business in the directory, contact us at alumni@miami.edu.

Citizen 'Canes



A Novel Track to an Academic Presidency

Terrence Cheng, M.F.A. '97, newly appointed president of the Connecticut State Colleges and Universities system, attributes one phone call that took place 26 years ago for changing the trajectory of his life.

"I wouldn't quite call it serendipity, but the stars certainly had a way of aligning," says Cheng, who was previously the director of the University of Connecticut's Stamford campus since 2016 and was also an English professor there.

Shortly after Cheng completed his undergraduate degree, he vacillated between two universities for graduate studies and wasn't sure if Miami or Baltimore would be his home for the next two years. Unbeknownst to him, the then-director of the University of Miami's Master of Fine Arts program called his mom to tout the benefits of being a Miami Hurricane.

That conversation was the final push that prompted him to enroll at the University in 1995. Upon his admission, he was awarded the James Michener Fellowship and Teaching Assistantship in the College of Arts and Sciences, which included a full tuition waiver and an annual stipend.

"When I look back, that opportunity really put me on the track that allowed me to make the progress that I've made through my career," says Cheng, who was born in Taiwan and grew up on Long Island in New York. "Having that terminal degree allowed me to actually pursue teaching positions and to then move up through the ranks in academia and so forth."

Cheng, a recipient of a National Endowment for the Arts literature fellowship, is the author of two novels, "Sons of Heaven" and "Deep in the Mountains," as well as numerous published short stories and essays. It was with a unanimous vote that Cheng was approved by the Board of Regents

for Higher Education to oversee the Connecticut State Colleges and Universities system, which includes 17 campuses and serves more than 72,000 students.

"It's surreal to think," notes Cheng.
"I still remember—palpably—what it was like growing up as a first-generation student and as an immigrant child. And then to be able to have a career in higher education, to be able to write, and to be honored with the responsibility of now running a university, feels crazy."

University of Miami President Julio Frenk congratulated Cheng on his new appointment via an email, which Cheng described as a "real treat."

"What I've always appreciated about Miami and the University is that you feel like you are part of something bigger than yourself," Cheng points out. "It's one of those things where you feel like you're carrying the honor and the respect of your institution—so don't mess it up." —Ashley A. Williams

Lawyer Promotes Awareness of Neurodiversity

When Haley Moss, J.D. '18, was 9 years old, her parents told her she was like Harry Potter—different, but a hero, nonetheless. It was their way of explaining to their young daughter that she had autism spectrum disorder while never making her feel like there was something wrong with her. "My mom told me different is neither better nor worse," Moss says. "It's just different, and different could be extraordinary."

That's the message Moss wants to share. As an educator, speaker, artist, and author, she advocates for individuals with disabilities and promotes awareness and acceptance of neurodiversity—the idea that cognitive differences, like those seen in people with autism spectrum disorder, should be recognized and respected like any other human variation.

Moss was 3 years old when she was diagnosed with autism. Her parents had expected to learn that she was gifted. Though she couldn't speak, socialize with her peers, or even drink from a cup, she could finish large jigsaw puzzles and read anything that was placed in front of her. Instead, doctors told them she would be lucky to graduate high school or even make a friend.

With the support of the Center for Autism and Related Disabilities at the University of Miami, Moss began therapies and interventions to help her learn how to speak, interact with others, and develop some of the skills that children on the autism spectrum may find more challenging than others.

After graduating high school, Moss earned undergraduate degrees in criminology and law and psychology from the University of Florida before attending the University of Miami School of Law. When she was sworn in as a member of the Florida Bar, Moss became the first openly autistic lawyer in the state.

She uses the legal and policy knowledge she acquired at the University to advocate for ways to improve the lives of those living with a disability. "Law school gave me the tools to be more conscious of

different issues and to be able to advocate for myself and for others far better than I could have otherwise," she notes.

Much of Moss's impact comes from her willingness to share her experiences as a young woman with autism, navigating a world that is not always designed for people like her. Some of those stories are told in two books that are part memoir and part guide for other autistic people as they navigate adolescence and adulthood. In her third and most recent book, "Great Minds Think Differently: Neurodiversity for Lawyers and Other Professionals," she provides the tools for more inclusion and understanding within the legal and other professions.

"In many ways, you do have to develop social skills and know how to interact with people," she says, "but it's okay to interact with people on your terms. It doesn't mean you have a deficit. It just means you have a different set of social and communication skills and a different way to approach the world."

—Nastasia Boulos

"It's okay to interact with people on your terms. It doesn't mean you have a deficit."—Haley Moss



ALILLY PHOTOGRAPHY

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Surfside Mayor Navigates Challenges, Chaos

Charles Burkett, B.B.A. '84, was not looking for notoriety when he became mayor of Surfside. He simply wanted to improve the town where he has lived for 25 years.

But Burkett's devotion to the seaside town of 6,000 has magnified considerably since the Champlain Towers South condominium collapsed on June 24, taking the lives of 98 people and leaving many others without a home. Since then, the man known to friends as a level-headed real estate developer—has become a house-hold name, fielding local and national reporters' questions about the search, rescue, and recovery efforts.

With Surfside thrust into the spotlight, Burkett worked diligently to help his town heal and to answer the question on everyone's mind: How did the unimaginable happen?

From the beginning, Burkett said he and a team of local leaders have taken the same approach.

"I just put myself in the position of someone trapped in that rubble or of a family member of a person missing," says Burkett. "And I was doing what I would hope anyone would do. It was full speed, nonstop effort until everybody was out of the rubble."

"If you had not done one bit of maintenance for 40 years, it still should not have fallen down."

—Charles Burkett

For a month after the tragedy, Surfside became the epicenter of a heartbreaking tragedy. Fire rescue and police trailers formed a compound near the collapse site, where journalists lined the perimeter. Burkett comforted the families of victims lost in the collapse, hosted a visit from President Joe Biden, and formed close bonds with Miami-Dade County Mayor Daniella Levine Cava and Florida Gov. Ron DeSantis. He also appeared on countless news programs.

Long after the collapse, Burkett's phone still chimes incessantly. He toggles between meetings with the town commission, the town manager, and the police chief—along with calls from the National Institute of Standards and Technology, which is investigating the cause of the collapse.

Still, the mayor, who has managed several building renovations, wrangles with the same disbelief as others. How does a condominium just fall down?

"If you had not done one bit of maintenance for 40 years, it still should not have fallen down," Burkett exclaims.

Once he has some answers, Burkett notes, "we will rewrite the book on construction, and hopefully put forward guidelines that will prevent this from ever happening again."

—Janette Neuwahl Tannen

"Growing up, I always knew I just wanted to help. I liked service oriented fields."

—Teshamae Monteith

Alumna's Hard Work Paves Path to Success

For Teshamae Monteith, M.D. '04, her goal in life has always been simple—she wants to help people. Whether it was her large Jamaican family while growing up in Miami or the patients she now treats at the University of Miami's Headache Clinic, Monteith knew from a young age that she wanted to serve people.

"Growing up, I always knew I just wanted to help. I liked service-oriented fields," she recalls, noting that she had always been interested in many different things like science, psychology, and humanity. "Medicine seemed like the best fit for all of those."

Monteith, an associate professor of clinical neurology at the Miller School of Medicine and chief of the UHealth Headache Division, began her journey at the University as a medical student. The opportunity to pursue medicine while living near her family, she says, landed her in the Miller School.

She recognizes that her time at the medical school helped pave the way for her future, including finding her calling as a specialist to help patients suffering from debilitating headaches. Among the most common disorders in the world, headaches are treatable, Monteith says. She notes that taking a holistic approach combined with cutting-edge science to treat patients suffering from headaches is significant work.

"I always say that whatever you do, believe that it's important, that you can make a difference, and that putting in the work and effort to achieve that is a cumulative process. When you do that, it comes easily, and doors open very rapidly," she says.

After graduating, that cumulative process helped Monteith secure two medical fellowships in headache medicine in different cities before she was presented with the opportunity to return to the city and school she calls home.



"When you show up and put in the effort to continue on a certain path, the leaves along the path get raked before you even get there," she adds.

Upon her return to the University, Monteith received a grant from the National Institute of Neurological Disorders and Stroke to work with her mentor—Ralph Sacco, professor and Olemberg Family Chair of Neurology and the executive director of the Evelyn F. McKnight Brain Institute at the Miller School—on the Northern Manhattan Study, which looked at migraine and the risk of stroke in older adults. In addition, Monteith has been the principal investigator for studies to evaluate treatments for people with chronic migraines and for those who overuse headache medications.

Though her hard work paved the way, Monteith often wonders where she would be today without the support of her family and mentors who continue to believe and invest in her success.

Now, Monteith's weeks vary as she continues her mission to serve. Whether recording a podcast for the American Academy of Neurology (AAN), collaborating with her fellow program directors on the American Headache Society, or working alongside her editorial board colleagues for the AAN's Brain & Life magazine, she unremittingly shows up and lives out her purpose to help those around her. —Jenny Hudak

Class Notes

1960s

Leon J. Hoffman, B.A. '61, has enjoyed a private practice in psychology, specializing in individual and group psychotherapy. Hoffman has published about a myriad of subjects that are of universal interest.

Stanley L. Satz, B.B.A. '63, is a radiation physicist with more than three decades of experience in tumortargeted radiopharmaceutical development, both clinical and nonclinical. He has held leadership roles in academia as well as in the pharmaceutical and defense industries. At Advanced Innovative Partners, Satz provides scientific, clinical, and radiopharmaceutical production and regulatory expertise. He formerly served as the founder and chief scientific officer of Bio-Nucleonics, Inc., where he led the development of Strontium Chloride (Sr-89), a therapeutic for cancer bone pain palliation.

Thomas H. Rowley, M.B.A. '69, has released "Blame it on 'Nam . . . How Education Became Indoctrination and What You Can Do About It." His book outlines how to become a critical-thinking decision maker and advocate.

1970s

Lawrence W. Berliner, B.B.A. '73, is celebrating 10 years at his own law practice, the Law Office of Lawrence W. Berliner, in Westport and Guilford, Connecticut. He represents and advocates for children, young adults, and their families in special education and disability rights law cases. He has dedicated his 38-year law career to helping people with disabilities.

Benedict P. Kuehne, B.A. '74, J.D. '77, received the Selig I. Goldin Memorial Award. Kuehne has championed the rights of the powerless against powerful governments and institutions.

He is equally sought after by defense and prosecutoral organizations, as well as by law schools, for his insights on the justice system. He has counseled government officials in both Florida and the Department of Justice about improvements to the criminal justice system. He has been appointed to serve on court management commissions and task forces to provide his insight and quidance to Florida courts.

Raymond A. Belliotti, M.A. '76, Ph.D. '77, SUNY Distinguished Teaching Professor of Philosophy Emeritus, has published his 24th book: "The Godfather and Sicily: Power, Honor, Family, and Evil."

Terry Rosenberg, B.F.A. '76, had an exhibition this past summer. "Terry Rosenberg: An Active Meditation on the Paintings of Edward Hopper," focused on a new series of large-scale drawings created by Rosenberg in response to Hopper's most iconic paintings. The exhibit was curated by distinguished curator, art historian, and author Richard Kendall.

Abram Berens, B.S. '77, M.D. '82, is the assistant professor of Medicine at Nova Southeastern University's College of Allopathic Medicine and president of the Broward County Medical Association.

Deborah D. Enix-Ross, B.F.A. '78, J.D. '81, has been nominated to serve as president-elect of the American Bar Association. She will become president in August 2022.

1980s

Maria E. Puente Mitchell, M.S. '81, was elected mayor of the City of Miami Springs, Florida, in April. Mitchell previously served as Miami Springs councilwoman from 2017 to 2021. She is the former manager of risk management and safety for Miami-Dade County.

Steven M. Borisman, B.B.A. '82, was named managing partner of a 10-person local boutique CPA firm in Florida.

Alina T. Hudak, B.B.A. '82, M.P.A. '84, was appointed city manager, Miami Beach. Hudak is the first woman to hold this position. In February 2020 she joined Miami Beach as an assistant city manager, where she oversaw several departments—including capital improvement projects, environment and sustainability, housing and community development, marketing and communications, public works, and transportation and mobility.

Sherrie Perkins, Ph.D. '84, CEO of ARUP Laboratories, retired in June. Perkins, a hematopathologist and an internationally known expert in pediatric lymphoma, joined ARUP in 1990 as a fellow, and has since held numerous leadership roles at there.

Kimberly D. Kolback, J.D. '86, has been appointed to serve on The Florida Bar's Intellectual Property Certification Committee. The nine-member group works to certify other qualified Florida attorneys whose practices primarily consist of patent infringement litigation, patent prosecution, trademark law, and copyright law. Kolback is board certified in intellectual property law and also serves on the executive council of The Florida Bar Entertainment, Arts and Sports Law section.

Jesus R. Amado, B.Arch. '87, has been working as academic director of Centro Venezolano Americano del Zulia, a binational center that fosters mutual understanding between the people of the United States and Venezuela through strategic programming.

Silvia M. Garrigo, J.D. '87, was named senior vice president and chief environmental, social, and governance (ESG) officer, at Royal Caribbean. Garrigo will be responsible for overseeing a company-wide ESG framework and a long-term strategy for Royal Caribbean Group to support the company's core business objectives and develop strategic partnerships and relationships with stakeholders. In partnership with the leadership team, she will also head the integration of environmental and social issues into the company's governance and enterprise risk management.

Donald R. Hudson, B.S.C. '89, was named executive vice president of local media for radio/TV and digital for all Spanish Broadcasting System (SBS) markets, and he will also retain his role as general manager, working out of the SBS offices in Miami. Recently appointed as a radio board member of the Florida Association of Broadcasters Board of Directors, Hudson is a distinguished leader in the industry.

Harry I. Nerenberg, M.S.Ed. '89, counselor of Miami Palmetto Senior High School, retired this summer. Nerenberg had a successful career, winning the Rosemary Fuller Award of Education from the Village of Palmetto Bay. The work of the school's guidance department was recognized with the Excellence in College Counseling Award from Forbes Magazine, and it was featured in podcasts and honored during the Super Bowl.

1990s

Lance A. Harke, J.D. '90, joined Upchurch Watson as a full-time mediator and will be focusing on class actions and mass torts. His experience includes serving as co-lead counsel in 30 of the largest settlements obtained in the United States on behalf of borrowers against banks for their force-placed insurance practices.

James W. Crawford, LL.M. '92, was named the sixth president of Felician University in Rutherford, N.J. Working closely with the board of trustees, he will continue to advance the positive course he has established while serving as interim president. Crawford is a retired admiral and the 43rd Judge Advocate General of the United States Navy.

Gary S. Lesser, J.D. '92, was selected as president-elect designate of The Florida Bar. Lesser was sworn in as president-elect at the annual Florida Bar convention during the summer.

Aliazar E. Keinan, M.B.A. '94, is the group president for Kyndryl. Prior to joining the company, he was as a venture partner of Pitango Venture Capital, Israel's leading venture capital group. He also previously served as general manager of IBM North America and chairman of IBM Japan. Currently, Keinan serves on the board of Netafim, Cellebrite, and the United Way of New York City.

Carlos E. Lowell, B.S.M.E. '94, financial advisor in Coral Gables, Florida, has earned the Athletes and Entertainers Consultant Designation at UBS. With more than 20 years of experience, Lowell is known for his work with athletes in the National Football League and Major League Baseball. He has guided players from active careers to successful entry into retirement and manages a quarter of a billion dollars in assets. He resides in Pinecrest, Florida, with his wife and two daughters.

Deborah L. Moskowitz, B.S.C. '94, was elected president of the board of trustees for the Legal Aid Society of the Orange County Bar Association.

Katherine Ardalan-Hochman,

M.B.A. '95, M.D. '99, a nationally renowned hospitalist, has been named inaugural director of the new Division of Hospital Medicine in the Department of Medicine at NYU Langone Health. She founded the hospitalist program at NYU Langone in 2004, which has been expanded into a new division in the wake of the COVID-19 pandemic.

Richard G. Cuming, M.S.N. '95, chief nurse executive for ChristianCare, vaccinated President Joe Biden on January 11 with the COVID-19 vaccine.

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Victoria Mendez, B.A. '95, M.P.A. '99, J.D. '99, city attorney for the City of Miami, was recognized with a 2021 Home Rule Hero Award for her hard work and advocacy efforts during the 2021 legislative session. Mendez worked tirelessly throughout the session to promote local voices making local choices, protect the home rule powers of Florida's municipalities, and advance the league's legislative agenda.

Heather E. Watkins, B.S.A.E. '96, B.S.C.E. '96, M.B.A. '03, joined national architecture, engineering, and planning firm Bergmann as an assistant project manager, highway. Watkins will work out of the Jacksonville office to support Florida Department of Transportation projects.

Terrence Cheng, M.F.A. '97, was named president of the Connecticut System of Colleges and Universities by the state Board of Regents for Higher Education.

Twan S. Russell, B.S.C. '97, M.S.Ed. '19, was named athletic director at St. Thomas Aquinas High School in Fort

Lauderdale. Russell is also chairman of the board for the Russell Education Foundation, an institution he and his mother started 23 years ago that focuses on providing after-school education programs for local students.

Chanequa Walker-Barnes, M.S. '97, Ph.D. '00, was appointed by the board of trustees as professor of practical theology and pastoral counseling at Columbia Theological Seminary.

Richard L. Hubacker, B.Arch. '98, joined DLR Group to lead and grow the firm's cultural and performing arts practice in the northeast. Working from the firm's Washington, D.C., studio, Hubacker manages integrated design teams that specialize in creating spaces where communities can gather to celebrate the arts and shape memorable experiences for performers and audiences alike.

2000s

Jane L. Decker, B.Arch. '00, was appointed as building director for the City of Doral. Decker has been an employee of the city since 2012. She started as a building inspector and worked her way up to her current position. She is a registered architect/interior designer and

holds a NCARB certificate and the Association of State Floodplain Manager's certification. Decker currently serves as president of the South Florida Building Officials Association.

FLORIDA

Michele R. Korver, J.D. '01, who led a distinguished career at the United States Department of Justice, now serves as FinCEN's first-ever chief digital currency advisor. Korver will advance FinCEN's leadership role in the digital currency space by working across internal and external partners toward strategic and innovative solutions to prevent and mitigate illicit financial practices and exploitation.

Rossana Arteaga-Gomez,

B.A. '02, J.D. '05, is with the law firm AXS Law Group, which won The Daily Business Review's 2021 Florida Legal Award for Best Commercial Litigation Department of the Year. Arteaga-Gomez practices civil litigation and criminal defense in both federal and state court.

Lucas A. Azar, B.B.A. '02, is executive vice president and chief lending officer at Terrabank. In his new position, Azar will oversee all lending activity. With more than 20 years experience, Azar started his career as a commercial real estate advisor. He was at Biscayne Bank for more than 14 years and played an integral role as lending unit team leader

and senior vice president, working closely with upper management to grow the bank's assets from \$40 million to \$1 billion. He also managed the construction loan portfolio, where he originated more than \$60 million in loans.

Dianne C. Derby, M.A. '04, is the newest member of the KOAA News5 team in Colorado Springs. She will co-anchor weekdays at 4, 5, 6, and 10 p.m. As a seasoned and Emmy Award-winning journalist, Derby brings a wealth of experience covering the major stories of southern Colorado. Her work during the past eight years has made her a trusted name in local news.

Cielo M. Hernandez, M.B.A. '04, was appointed chief financial officer with XL Fleet Bolsters executive team. As CFO, Hernandez will oversee the company's financial organization, including financial reporting, financial planning, and internal controls, as well as treasury. Hernandez's extensive experience and capability will also contribute to strategic planning, mergers and acquisitions, and investor relations.

James K. Bass, D.M.A. '05, a six-time nominee, received his first Grammy Award for Best Choral Performance for "Danielpour: The Passion of Yeshua," a dramatic oratorio of the braiding of two faiths, Judaism and Christianity, at the 63rd Annual Grammy Awards ceremony.

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Joshua R. Levenson, B.B.A. '05, was named a 40 Under 40 Honoree, Class of 2021, by the South Florida Business Journal. The 40 Under 40 award recognizes outstanding professionals younger than the age of 40 based in Miami-Dade, Broward, and Palm Beach counties for their leadership, success in business, and contributions to their communities.

Marguerite D. Cook, B.B.A. '06, was promoted to partner at 1 North Wealth Services. Cook will focus primarily on clients who reside in the Chesapeake region of Maryland; Washington, D.C.; Virginia; and Florida. Cook lives with her husband, Lee, and their two children on Maryland's eastern shore.

Michael F. Marinelli, B.A. '06, is the public address announcer for the Major League Soccer club Inter Miami CF at Drive Pink Stadium.

Cesar A. Santalo, M.F.A. '06, dean of the School of Communication and Design at Lynn University, brings 20 years of experience from Univision and Telemundo, where he directed, created, and implemented revenue-generating projects. As the leader for the school at Lynn University, he builds upon achievements in enrollment, graduation, innovation, and community engagement.

Samuel Faraci, M.M. '08, opened the New City School of Music in 2014 and was nominated as a National Music School of the Year finalist for 2021. Faraci co-authored "The Definitive Guide to Music Lessons," which is a book for music students and parents of music students on how to get the most out of the journey—whether it is to perform music for fun, as a hobby, or pursue it as a career.

Margaret Cardillo Fronefield,

M.F.A. '09, released her book "Dogs at Work: Good Dogs. Real Jobs." The book joins the author's two other books for children: "Just Being Audrey" and "Just Being Jackie." A native of Naples, Florida, the author also is a screenwriter and professor who teaches screenwriting at the University of Miami. She lives in Miami with her family, including Zampano, her rescue dog.

Eric L. Golnick, B.A. '09, M.A. '14, co-founder and chief executive officer, Forge Veteran and First Responder Health in Alexandria, Virginia, was selected to be a presidential scholar with the George W. Bush Institute's Veteran Leadership Program. The initiative is a first of its kind for individuals who serve the nation's veterans, and are motivated to broaden their skill sets, knowledge, and influence across the country.

Alexander A. Kaplan, B.S.C. '09, received the Emmy Award for Outstanding Sports Promotional Announcement for work with State Farm and ESPN on "The Last Dance" documentary.

2010s

Andrea C. Petersen, M.B.A. '10, is the co-founder and chief executive officer of the Miami-based financial technology startup and real estate investment platform School of Whales.

Milana V. Kuznetsova, J.D. '11, received recognition from the ISACA New York Metropolitan Chapter as being the Top 4 Under 40 in information security.

Rekha Rangachari, J.D. '11, director, New York International Arbitration Center, was named in this year's 40 under 40 in international arbitration.

Nancy H. Shalhub, B.A. '12, J.D. '15, is an associate in the Dallas office of Berry Appleman & Leiden LLP, working on U.S. non-immigrant and immigrant visa matters.

Michael J. McLaughlin, B.S. '14, hitchhiked from Florida to Pennsylvania and raised more than \$3,300 for an animal sanctuary in Pennsylvania.

Taylor H. Rambo, B.M. '14, M.A. '17, was named the incoming executive director of the Georgia Symphony Orchestra during the summer. Rambo is a performing arts professional with more than five years of experience in arts management and fundraising. He previously served as the major gifts and campaign manager with Arena Stage at the Mead Center for American Theater in Washington, D.C., and has held fundraising and staff positions at the American Pops Orchestra, The Washington Ballet, and at the Association of Performing Arts Professionals.

Abraham Rubert-Schewel,

J.D. '14, a criminal defense attorney for the Legal Aid Society, and spouse **Lauren L. Schewel**, J.D. '14, co-chair of the Young Alumni Leaders Council Strategic Engagement Committee and senior director of education at HeartShare St. Vincent's Services, welcomed their first baby girl, Josephine Lee Marie Schewel.

Divya Kannegenti, B.S. '15, joined the intellectual property and technology group of Blank Rome LLP as an associate in the Houston office. Kannegenti concentrates her practice on intellectual

property law. Her experience includes domestic and international intellectual property counseling and clearance, trademark portfolio management, prosecution of trademark and service mark applications before the United States Patent and Trademark Office, and patent and trade secret litigation.

Carly F. Klein, B.S.C. '15, was named senior account executive at O'Connell & Goldberg public relations. Klein manages many of the agency's social media accounts, along with strategic counsel and influencer marketing. Before this position, she served as marketing and social media manager with Bal Harbour Shops.

Ana Lombardia, LL.M.I.A. '16, director of the International Centre for Dispute Resolution, was named in this year's 40 under 40 in international arbitration.

David S. Shiffman, Ph.D. '16, released a book, "Why Sharks Matter: A Deep Dive with the World's Most Misunderstood Predator." It is a guide to the science and policy behind how to save threatened species of sharks from extinction.

Asia Y. Cadet, B.A. '18, graduated class of 2021 from the University of Virginia Law School and will be starting her professional career as an associate at Latham & Watkins Law Firm in its Washington, D.C., office.

Laura Connor, J.D. '18, joined Gilmore & Bell, P.C., a leading public finance law firm, as an associate in the Kansas City office. Connor practices in the field of real estate law, including real estate finance, leasing, and construction, and is licensed to practice in Missouri and Florida

Julio M. Pimentel, M.S. '18, has been working during the pandemic on cancer research and promoting diversity in STEM. He is a first-generation Hispanic/Latino Ph.D. candidate in cancer biology at Wayne State University in Michigan. His research focuses on the molecular mechanisms of immune evasion, drug resistance, and deregulated cell death pathways to develop novel strategies that target therapy refractory cancers.

LEAVE A

SHINES EVER BRIGHTER

Nathan Sheinfeld, M.B.A. '18, has been elected chair of The Leadership Council, which promotes eye donation on behalf of The Eye-Bank for Sight Restoration, a not-for-profit organization serving the Greater New York Metropolitan Area by providing eye donor tissue for sight-saving cornea transplants.

Stephanie S. Thomas, M.P.A. '18, graduated from Virginia Medical School with a Doctor of Health Science degree.

Angelo Massagli, J.D. '19, who played security guard Frankie in the movie "School of Rock," and Caitlin Hale, who played singer Marta, are dating—18 years after the original film. ■

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Thomas D. Wood Sr.

banking firms. He died on Oct. 23 at age 90. He earned degrees from the Miami

Herbert Business School and School of Law, mentoring students long after he

representative and on several other committees through the years. He was the

William Arthur "Art" Roberts

graduated from the University. A member of the Iron Arrow Honor Society,

he joined the Board of Trustees in 1987, serving as the Alumni Association

his wife, Roselee Nichols, while both were student leaders. The couple both

The Advocate Company, a government consulting firm. Roberts was a founding

member of the University of Miami President's Council. He will be remembered

bears his legacy in the William A. Roberts, B.B.A. '64, and Roselee N. Roberts,

and founding director of the Glazer-Lorton Writing Institute, she passed away on

College, a master's degree at Ball State University, and a doctorate in counseling

at Louisiana State University. She began her teaching career at the University of

Miami in 1966. An accomplished author, Lorton's publications included the book

"Human Development Through the Life Span." A member of the University's Iron

Arrow Honor Society, she also served as chair of the Florida Council of Southern

Association of Colleges and Schools Commission on Colleges.

Oct. 11. Lorton grew up in Tampa and earned her bachelor's degree at Mount Union

worked in the government and private sectors, and in 2004 they founded

for his leadership, commitment, and generosity to his alma mater, which

Eveleen Lorton

son of a judge who played on the first University of Miami football team.

An emeritus trustee on the Board of Trustees, Thomas

Navy Judge Advocate General's Corps, gave generously

to a multitude of causes, and cofounded with a son the

Thomas D. Wood and Company, one of South Florida's

The University of Miami lost a distinguished alumnus.

dedicated champion, and loyal friend with the passing

in August of William Arthur "Art" Roberts, B.B.A. '64,

at the age of 79. Born in Coral Gables in 1942, he grew

up an avid Hurricanes fan. He followed in his mother's

footsteps and attended the University, where he met

A trailblazer who was one of the first educators in the

1970s to employ video to provide immediate feedback

Development that spanned four decades. A professor

emerita of the Department of Teaching and Learning

career at the School of Education and Human

to student teachers, Eveleen Lorton had a distinguished

most successful privately held real estate investment

D. Wood Sr., B.B.A. '56, J.D. '56, served in the U.S.

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Beekhuizen, B.B.A. '91.

Broward County Matthew N.

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chicagocanes@miami.edu

colombiacanes@miami.edu

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detroitcanes@miami.edu

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B.S.C. '12, losangelescanes@

louisvillecanes@miami.edu

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New Jersey Lindsay E. Glassman,

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Orlando Deborah L. Moskowitz.

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Saudi Arabia Taghreed Alsaraj,

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Louisville C. Dean Furman, Jr., B.A. '90,

Miami Carlos E. Lowell, B.S.M.E. '94.

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M A '02 Ph D '07

Chicago Vickie M. Horn, B.S. '82,

Colombia Carlos Largacha-Martínez

Dallas-Fort Worth Dylan M. Brooks,

Boston TBA.

In Memoriam

1940s

Barbara G. Jonas, M.S. '47 Ronald E. Ager, B.S. '48 Thomas J. Smith. B.Ed. '48 Francis L. Cashin, B.B.A. '49 Mauricio Herman, B.B.A. '49 Lawrence J. Robinson, B.A. '49, J.D. '52

1950s

Nick Peter Christos, M.A. '50 Myer Greenberg, B.B.A. '50 George W. Hornsby Jr., B.B.A. '50 Eugene Shanock, B.A. '50 Jean Tierney Caputa, B.S. '51 Edward Gene Gerrits, B.B.A. '51 Stuart K. Jacobs, B.A. '51 David McDonald, B.B.A. '51, J.D. '53 Charles A. Pettine, B.Ed. '51 Nancy Mussett Clay, B.A. '52 Edward K. Dick III, B.A. '52 Marilyn Doerter, B.S. '52 Donald Lavern Irey, B.S. '52 William H. Waid, B.B.A. '52 Jerrold Knee, J.D. '54, LL.M.T. '77 George Michael Paprocki, J.D. '54 Robert M. Thomas, B.S. '54 Thomas R. Coady, B.B.A. '55 Stanley Nathan Ferber, B.B.A. '55 Harry 'Hap' Arthur Levy, B.B.A. '55, J.D. '57 Barbara Schwartz-Goldwich B.A. '55, J.D. '57 Barbara Louise Zimmett, B.A. '55 George B. Krippahne, B.B.A. '56 Joel L. Lopate, B.B.A. '56 James H. Nance, J.D. '56 Reuben M. Schneider, B.A. '56,

J.D. '61

David M. Dolinger, B.B.A. '60 Robert Andrew Gryzick, B.Ed. '60 Hinson L. Stephens Sr., M.D. '60 Joe Norman Unger, J.D. '60 Robert James Alaimo, B.S. '61 Ray E. Marchman Jr., J.D. '61

Louis M. Reidenberg, B.B.A. '61 John C. Skogstad, B.B.A. '61 Donna M. Tourtellotte, B.A. '61 Ira M. Elegant, B.B.A. '63, J.D. '66 Philip S. Goldin, B.A. '63, J.D. '66

Frederick L. Joseph Jr., B.B.A. '63 B.A. '63, J.D. '66 Walter N. Colbath, J.D. '65

Joe C. Morris Jr., B.A. '65 Carl M. Palmisciano Jr., B.Ed. '65 M. Gerald Quinn, M.D. '65 Stanley Sanders, B.Ed. '65 Carolyn C. White, B.A. '65

B.Ed. '66, M.Ed. '71 Michael A. Litman, J.D. '66

Daniel R. Monaco, J.D. '67 M.Ed. '69 Jay Palefsky, B.Ed. '68 Robert Sheldon, B.A. '68

Bruce Lester Applegate, B.Ed. '69 Richard A. George II, B.B.A. '69 Alice Eleanor Gollan, B.A. '69, B.M. '81

Lenard Jacobs, B.B.A. '69 Marilyn H. Rabin, B.Ed. '69 Francis Paul Tocco, B.A. '69

Philip S. Rubin, B.B.A. '57 George Lewis Shakoor, B.A. '57 Peter M. Sprenkle, B.B.A. '57 Anton D. Brees, B.M. '58 Harry O. Hall, M.Ed. '58 Robert R. Kauth, B.B.A. '58 Frederick A. Schwarb, B.B.A. '58, J.D. '61

Douglas H. Reynolds, B.B.A. '57

Willa Dean Lowery, M.D. '59 Ruth Alice Lund Lutz, B.B.A. '59

1960s

B.A. '72 James S. Humble, B.A. '72 Ph.D. '81 Barrie Thomson Reed, M.B.A. '72 Margy Cooke Taylor, B.Ed. '72

Edward Joseph McCormick, William Art Roberts, B.B.A. '64 George T. Wilcox, B.B.A. '64 Roger Paul Fendrich, B.A. '65 Pura Lopez, C.T.P. '65

Gail Krasner-Stolzenberg,

Donald L. Walters, Ed.D. '66 William Ivan Levy, M.D. '67 Nolie Nelle Mayo, B.Ed. '67 M Fd '69

Emilio Fernandez Fox, B.Ed. '68 John William Parks, B.S.C.E. '68

Deborah Hicks Schofield.

B.Ed. '69

1970s

Walter Carl Jaap, B.S. '70 Peggie J. Latson, M.Ed. '70 Robert G. Silvaggi, B.Ed. '70 Barbara T. Weinkle, B.A. '70 Robert N. Fryer, J.D. '71 Marisa Blanca Magill, B.Ed. '71, J.D. '87 John Patrick Mooney, M.D. '71 Dorothy C. Eastwood, M.Ed '72 Esther Regina Frenzel-Fox, Edward Marvin Lasoff, M.Ed. '72,

Leonard John Helmers Jr., B.S.C.E '73 Lois A. Trupkin, B.Ed. '73 James F. Kalasky, J.D. '75 Brian Richard Miller, B.A. '75 Martha T. Reed, M.Ed. '75 Robert R. Verchota, B.B.A. '75 David Luther Shafer, B.A. '76 Michael Seth Cohen, J.D. '77 John H. Howard, M.B.A. '78 Jane Perdue, C.N.P. '78

Elliott I. Birnbaum, B.Ed. '73

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1980s

Dave Lee Brannon, J.D. '80

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Michael Fransis Dignam, L.M. '81 Ellen Ann Feinberg, J.D. '82 Helen M. Stevens, J.D. '82 William Luther Summers, M.S. '82, J.D. '85 Scott M. Richter, B.A. '86 LD '89 Alberto Daire, B.S.I.E. '89 Kimberly K. Krepp, B.S. '89 B.A. '89

1990s

Marcus J. Guara B.A. '91 Lumenise Gilot, M.S. '92 Jay Kleiman, B.A. '92

Victoria Lee Mair, B.H.S. '94, M.S.P.T. '96 Paul V. Saluzzi, B.S.C. '95 Michelle Suzanne Zimmer, B.S.C. '95 Dave K. Roy, J.D. '96 Michael David Altman, B.B.A. '99 Jon Michael Huff, M.S. '99

2000s

Charles M. Stevenson, J.D. '00. M.B.A. '02 Erik Leum, M.S. '04 Matthew Jeffery Simmons, M.B.A. '07, J.D. '07

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