

UMass Lowell

MAGAZINE FOR ALUMNI AND FRIENDS

WINTER 2016

Her turn
at the
Top.



The UMass Lowell Alumni Magazine is published by:
Office of University Relations
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One University Avenue
Lowell, MA 01854
978-934-3224
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A Message from

Jacqueline Moloney '75, '92

One of the best things about being chancellor is that I get to meet so many inspiring people. From our students to our faculty to our alumni—the UMass Lowell community is truly remarkable.

I spent much of the first 90 days of my new role meeting with many of our talented faculty, staff and students, thanking them for their hard work and celebrating their accomplishments. My team visited dozens of offices, classrooms and labs across campus, and I left energized and excited about the transformation underway at the university.

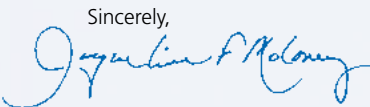
But none of it would be possible without you, our alumni and friends.

During inaugural and homecoming events, I heard so many of you speak about your love for the university and your commitment to our success. Loyal supporters like you not only expressed your dedication, but also donated a total of \$1.5 million to endow a new scholarship fund in my honor. At my inauguration, we were able to award the first Chancellor Jacqueline F. Moloney Scholarships to seven students, one from each of our colleges—the first of many recipients who will benefit from your generosity.

As you'll read in the cover story, my top priority is making a first-rate education accessible to deserving students regardless of their finances. This generation of young men and women will be responsible for bridging the gap between research and solutions that change lives—and we want to make sure they're prepared.

Getting to our goal of being one of the top universities in the nation won't be simple. There will, of course, be challenges. But we have many reasons to be excited about our future, and you can read about some of them in this issue of the magazine.

I feel grateful to be UMass Lowell's third chancellor—and excited about all the university has ahead of it. Thank you for joining me on the ride.

Sincerely,

Jacqueline Moloney '75, '92

UMass Lowell

MAGAZINE FOR ALUMNI AND FRIENDS

Cover Story



Her turn at the Top.

She was a student here—twice. Then a staff member. A professor, a dean and a top administrator. And now Jacquie Moloney '75, '92 is the first woman leader of the university in its 121-year history. Her intimate knowledge of UMass Lowell has lessened the learning curve, and as a result Moloney is already leaving her mark on the campus. As she said, "I hit the ground running and don't think I've slowed to a jog yet." Read about how she got to where she is today—and where she plans to take the university tomorrow—on Page 28.

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Cover Photo: Adrien Bisson

EDITOR'S NOTE: Please send comments to Editor Sarah McAdams Corbett at Sarah_Corbett@uml.edu. Submit class notes at www.uml.edu/advancement/classnotes.



The UMass Lowell Magazine for Alumni and Friends has been honored with multiple Hermes Creative Awards, a Silver Bell Ringer, a CASE District I Silver Excellence Award, an APEX Award of Excellence, a Higher Ed Marketing Award and honorable mentions in the PR Daily Awards and the PR Daily Nonprofit PR Awards.

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DAWN PATROL

Mechanical engineering senior and Moscow native Iakov Stolbov '16 has found a second home on the Merrimack River, where he spends plenty of time as a member of the university's club rowing team. He took this shot of the UMass Lowell Bellegarde Boathouse after an early morning practice this fall.

Campus Life

Inside...

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- 17 INNOVATION HUB

HOUSE OF HAWK. During their trip to Northern Ireland over Thanksgiving, members of the River Hawk hockey team donned “Game of Thrones” garb and visited some castles where the hit television show is set. And oh, yeah—they took home the inaugural Belpot Trophy after besting Northeastern and then Brown. Colgate also competed in the Friendship Four tourney, the first regular-season college hockey games played outside of North America. The Beanpot-style tournament was part of a sister city agreement inked by Boston Mayor Marty Walsh.

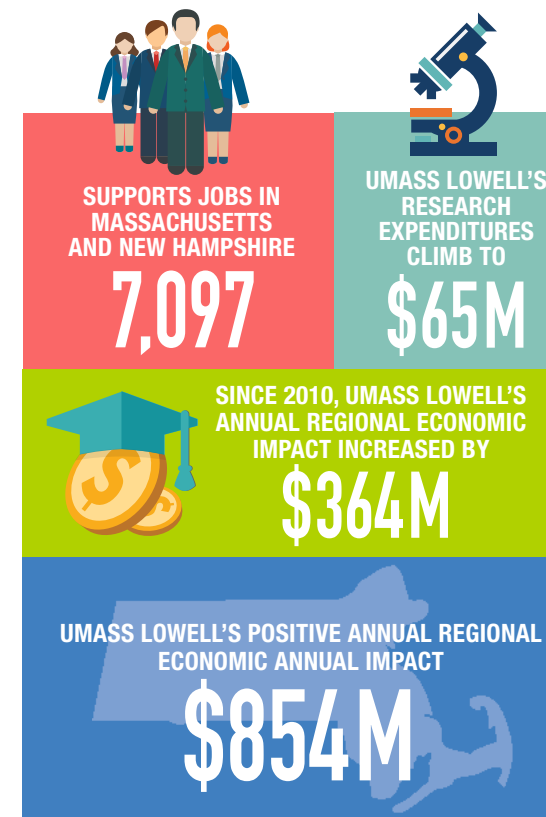
Photo credit: Bob Ellis

OUR REGIONAL IMPACT= \$854 MILLION

UMass Lowell's economic impact on the region has climbed to \$854 million a year and supports more than 7,000 jobs in Massachusetts and New Hampshire, according to the UMass Donahue Institute. Since 2010, UMass Lowell's annual regional economic impact has increased by \$364 million.

Research activity is one of the major drivers of the economic impact. Since 2007, UMass Lowell has grown research expenditures through a mix of grants, private funding and university investment to \$65 million from \$36 million annually. The economic impact of that research was \$104 million last year and supported 529 jobs.

An offshoot of UMass Lowell's research activities, the Massachusetts Medical Device Development Center (M2D2) delivers more than \$75 million in economic impact on its own. A joint effort of the UMass campuses in Lowell and Worcester, M2D2 supports 370 jobs, including those associated with the startups based in its two business incubators in Lowell where client companies have flourished. ■



My, how we've **GROWN.**

This fall, the Chronicle of Higher Education named UMass Lowell as the 10th fastest-growing college among U.S. public doctoral institutions.

10th
FASTEST GROWING COLLEGE

MR. PRESIDENT

Former UMass Lowell Chancellor Marty Meehan '78 was inaugurated Nov. 12 as the 27th president of the University of Massachusetts. The ceremony at the Edward M. Kennedy Institute for the United States Senate on the campus of UMass Boston drew more than 400, including Gov. Charlie Baker and Meehan's wife, Ellen, and two sons, pictured at right. "My firm belief is UMass is the most important institution in Massachusetts in critical areas of social mobility and economic growth," Meehan said in his remarks.



DOWNTOWN

—WHERE EVERYTHING'S WAITING FOR YOU

In something of a civic love affair, the City of Lowell and the university have taken several steps toward reinforcing the Mill City as a college town.

The university has offered incentives for faculty and staff to live in the city and is encouraging students to become engaged in the civic, business and cultural organizations in Lowell. Already, students, faculty and staff dedicate an average of 168,000 of service to the community annually.

A joint marketing campaign between the city, university and business community is spreading the word across the region that there is a lot to like about Lowell. Businesses are tendering student discounts, and the city and campus collaborated to shorten the travel time from campus to downtown, adding a downtown shuttle stop from campus.

On a Thursday in October, students arrived one elevator-full at a time, stepping onto the fourth floor of Mill No. 5 on Jackson Street, a renovated former cotton mill that houses small retail spaces, a café, yoga studio and independent movie theater. It was the culmination of Welcome Back Night, an evening designed to showcase the breadth of Lowell's downtown offerings.

Earlier, students took walking tours of Mill City cultural and historical sites, starting and ending at the UMass Lowell Inn & Conference Center. The Lowell National Historical Park and Cultural Organization of Lowell led the tours, which were capped off with a spirited, New Orleans-style march from the ICC to Mill No. 5, led by the Gumbo in Congress street band. —DP



From top: Coffee and Cotton café at Mill No. 5; Rowdy the River Hawk at Vinyl Destination; the Gumbo in Congress street band; Chancellor Jacquie Moloney and City Manager Kevin Murphy.



STUDENTS STUDY WHERE THEY LIVE

UMass Lowell's newest residences allow students to live, study and conduct research under one roof.

The second phase of Riverview Suites opened in October, adding 300 beds to the South Campus complex. The first phase opened in 2013 with room for 500 students.

The newly opened phase of Riverview Suites features 10 classrooms and lab space specifically designed to enable students in health-related majors to receive educational instruction and gain hands-on experience where they live.

While UMass Lowell offers living-learning communities in residence halls across campus, the Health and Environment Academic Living Learning Community at Riverview Suites is the first to have its own academic and research facilities.



SOLDIER SENDOFF

Chancellor Jacquie Moloney joined Governor Charlie Baker, Congresswoman Niki Tsongas and other dignitaries at a sendoff ceremony for approximately 160 soldiers from the 1060th Transportation Company of the Massachusetts Army National Guard hosted in UMass Lowell's Durgin Hall on Oct. 24. The soldiers of the 1060th Transportation Company, based in Framingham, deployed to Kuwait for nine months in support of Operation Enduring Freedom/Spartan Shield. Company Commander Stephen Fiola graduated from UMass Lowell in 2004.



DJ DAD: BEST IN THE NATION

Nick Canovas is not a dad, but plays one on WUML-FM.

The 20-year-old junior majoring in sound recording technology hosts "Time in the Study" on 91.5 FM, for which he assumes the role of "DJ Dad."

And according to CMJ's International Radio Festival, he's the best college radio DJ in North America. His was selected over 165 other college radio shows on the basis of skill, personality and musical knowledge.

The road to radio began when Canovas was a freshman, doing the midnight to 2 a.m. "Left of the Dial" show. He napped, and overslept. Rather than take the time to dress, he grabbed a bathrobe and ran from Eames Hall to the WUML station in the basement of Lydon Library.

"Such a dad thing to do," said a fellow host when he arrived. "And I just ran with it," says Canovas. "I tell jokes a dad might tell. People went with it, and responded to it."

But it's the variety of music that won him the contest for him, believes the Bethlehem, N.Y., native.

"I'm always looking out for new music," he says. "People really want playlist diversity. Before I got here my tastes were limited, but I read Internet blogs like Pitchfork and it has really opened my mind to more pop culture and underground culture." —DP



LESS STRESS ON TESTS

UMass Lowell joined a growing list of colleges that are weighing the value of SAT and ACT scores. The university launched a pilot program in the fall for the test-optional application—though the majority of applicants will still submit test scores—and will decide over the next year whether to continue it.

"What we have learned is that we were turning away some great students whose standardized test scores did not reflect their ability to succeed," says Director of Admissions Kerri Johnston, adding that test-optional applicants will be required to submit additional application materials.

Other test-optional schools in Massachusetts include Brandeis University, Berklee College of Music, and Emmanuel and Stonehill colleges.



A NEW NAME FOR THE COLLEGE OF SCIENCES

BY BETH BROSNAN



From left, Mark Hines, acting dean of the Kennedy College of Sciences; Chancellor Jacquie Moloney; John Kennedy; Karen Kennedy, daughter of the late William Kennedy, and her partner, Rick Langlands.

What's in a name? When that name is the William J. and John F. Kennedy College of Sciences, plenty.

This fall, when UMass Lowell officially renamed the College of Sciences in honor of the Kennedy brothers, it was to recognize John's long record of philanthropy at the university, including a major commitment to the college. He and his older brother, William, who passed away in 1994, both graduated from programs in the College of Sciences. The brothers bear no relation to the Massachusetts political dynasty that produced President John F. Kennedy and Sen. Edward Kennedy.

According to Mark Hines, acting dean of the Kennedy College of Sciences, the naming also recognizes John Kennedy's unstinting support for science students and faculty. "John's philanthropy is notable," says Hines, "but his passion for students and excellence in education and his willingness and ability to provide advice and guidance to the campus has been invaluable. We would be hard pressed to find someone who shares our values as closely as John does."

Chancellor Jacquie Moloney '75, '92 shares that assessment. "We are extremely proud to honor the Kennedy brothers, who credited the education they received here

with changing the course of their lives," she said at the Oct. 8 naming ceremony. "John's gift will enable us to provide those same kinds of life-changing opportunities to science students for years to come."

William Kennedy graduated from Lowell Technological Institute, one of UMass Lowell's predecessor institutions, in 1954 with a B.S. in textile chemistry; John graduated from Lowell Tech in 1970 with a B.S. in mathematics, and later earned his M.S. in accounting from UMass Amherst.

William rose to become a vice president of research and development at Velcro; John went on to a highly successful, 30-year career in the tech sector and retired as the president and chief financial officer of Nova Analytics and Nova Technologies in 2007.

"I truly believe I wouldn't be where I am today without the education I received here and at Amherst," Kennedy told several hundred science students and faculty who attended the ceremony. "If you're going to change the world, you do it one person at a time, and education is the best way to do that."

In addition to his support for the Kennedy College of Sciences, Kennedy has endowed multiple scholarships at UMass Lowell, underwritten the university's Nanotechnology Research & Development

Center in his brother's memory and funded the Kennedy Family Basketball Court at the UMass Lowell Tsongas Center.

The Kennedy College of Sciences traces its origins to the Lowell Textile School, which was founded by James T. Smith in 1895 to educate textile engineers and managers and explore new technologies.

Since then, science and technology have become pillars of the university, which now offers undergraduate and graduate degrees in Biological Sciences, Chemistry, Computer Science, Environment, Earth and Atmospheric Sciences, Mathematics and Physics and Applied Physics. "These programs have grown to be major players in scientific research and education," says Dean Hines, "and are recognized worldwide." ■

HOLLY YANCO: UNIVERSITY PROFESSOR

Prof. Holly Yanco of the Computer Science Department was named University Professor, the highest distinction bestowed on faculty members. Yanco, a leading researcher and authority on robotics, will serve from September 2015 through August 2018.



"Holly Yanco is a passionate teacher who cares deeply about student learning. She co-developed the robotics minor at UMass Lowell in 2010 and has worked to build a community among the undergraduates from different departments while providing information about research and job opportunities," says Mark Hines, acting dean of the Kennedy College of Sciences.

Yanco has obtained more than \$7 million in external grants from agencies like the National Science Foundation, the Defense Advanced Research Projects Agency and the Army Research Office. She has also published widely, authoring more than 120 research papers. In 2013 she was named one of Mass High Tech's "Women to Watch."

As founder and director of the New England Robotics Validation and Experimentation (NERVE) Center, Yanco is a nationally recognized leader in her field. She is currently focused on building the next generation of robots. In one project, she is partnering with physical therapy faculty to study ways people move in hopes of improving the development of humanoid robots and robot exoskeletons. ■

McGauvran Gets a Facelift

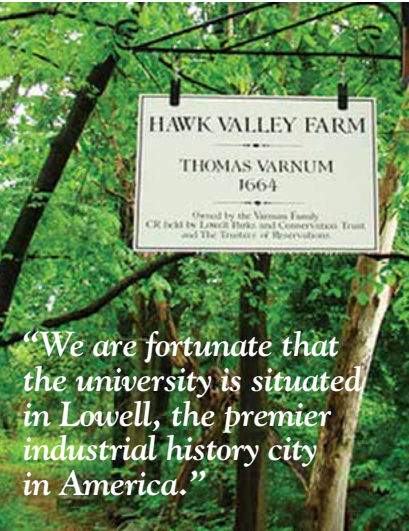
After a \$34 million renovation, the McGauvran Center reopens in January, just in time for the beginning of spring semester. When students, faculty and staff step inside, they will find more than 52,000 square feet of new dining space, learning commons and smart classrooms.

Several features of the new-and-improved McGauvran Center—the new go-to dining hall on South Campus—help bring the outside in, including a two-story glass wall facing the quad and a three-level patio with new outdoor furniture. Retail food options—including Subway, Freshii, a bakery and a grab-and-go market—are open to the public.

The building is named for Mary E. McGauvran '39, whose 35-year career as a professor and administrator at UMass Lowell secured her reputation as a scholar and as a favorite of generations of students.



Connecting Campus to the Community



Clinical Assoc. Prof. Pat Fontaine of the Graduate School of Education shows future teachers how to bring history to life by using historical places in Lowell as the backdrop to learning. One of these special locations is the Hawk Valley Farm, connected to the Varnum family since 1660. Fontaine developed lesson plans about the farm, and every semester offers a field trip for her students and a class of third-graders that they tutor.

This is just one of the ways that Fontaine connects education with the community and historical places in Lowell—and part of the reason Lowell National Historical Park and Lowell Heritage Partnership presented Fontaine with the Community Excellence Award recently.

“We are fortunate that the university is situated in Lowell, the premier industrial history city in

America,” says Fontaine, who teaches future secondary history and elementary social study teachers. “Lowell has many stories, including its colonial history represented by Hawk Valley Farm—unfortunately, not too many locals know about it.”

Fontaine was also recognized for spearheading the exhibit “Lowell, a City of Refugees, a Community of Citizens,” a collection of artwork and oral histories from Cambodian refugees who arrived in Lowell in the 1980s. She created a healing garden located in Clemente Park, in the Lower Highlands, where the majority of the Khmer population resides.

“I hope that these exhibits help us all remember our roots, where we came from, and, as a community, empathize with each other to appreciate our differences and similarities,” she says.—KA

Prof. Pat Fontaine at right, center, with Paul Marion, UMass Lowell’s executive director of Community and Cultural Affairs, and Celeste Bernardo, Lowell National Historical Park superintendent, was recognized for her work related to Lowell’s Hawk Valley Farm, today (top) and in 1915 (bottom).



THE DOMESTIC JACK KEROUAC

Keepsakes and items that belonged to “On the Road” author and Lowell native Jack Kerouac from his last home are on display on campus in the exhibit “Kerouac Retrieved: Items from the John Sampas Collection.”

The exhibit offers a glimpse into the author’s domestic side, which is seemingly at odds with his public persona as a cultural rebel. Kerouac died in October 1969 at age 47.

The items, says English professor and Kerouac expert Todd Tietchen, help “contextualize Kerouac as more than just a famous Beat writer” and include some of the expected—the writer’s desk and chair, and unexpected—three rudimentary cat carriers constructed by Kerouac and marked with each favorite feline’s name (Timmy, Pitou and Dobie).

Michael Millner, like Tietchen an English professor and Kerouac expert, shared his experience traveling with Tietchen to mine for exhibit items in Kerouac’s former Florida home.

“I didn’t know what to expect,” Millner said. “Upon entering the home, I saw the desk. It looked like any writer’s desk, strewn with papers and pencils and drafts. Sort of like my own, only neater.”

Then he got to the cat carriers. “I picked them up carefully and walked them across the room, and then it hit me: Jack Kerouac had done the same thing—walked these carriers, maybe taking the exact same steps.”

Other items included in the exhibit are jazz records, a variety of mementos, remarkably well-preserved articles of Lowell Tech-branded clothing and a large crucifix, a nod to his French-American Catholicism. —SE



Jack Kerouac items on display on campus include his shoes and Lowell Tech jacket (above), as well as his desk, chair and memorabilia (right).



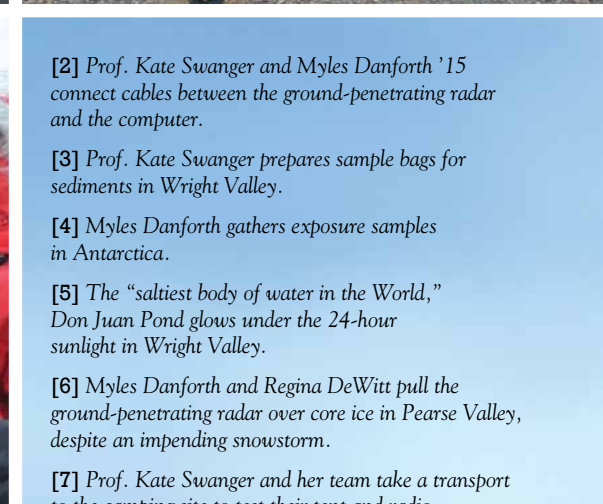
“Kerouac Retrieved” is free and open to the public. For information, visit www.jackkerouac.com.

ICE ICE BABY.

Most of Antarctica is a great white mass of ice, but there is some open ground in the mountainous region south of New Zealand.

A small sample of the clean ice found in the core of Pearse Valley

[1] NSF-support helicopter slinging camp equipment and tents back to McMurdo Station at the end of the season.



That open area, in the McMurdo Dry Valleys, is where a team of UMass Lowell researchers is spending a couple of months.

"It's a polar desert where only microbes, moss and lichen grow," says Asst. Prof. Kate Swanger of the Department of Environmental, Earth and Atmospheric Sciences. "That alone makes it an interesting place, one that has attracted all sorts of extremophile biologists. We are not researching the biology of the dry valleys, though, but rather the ice."

Ice is everywhere in the McMurdo Dry Valleys, she says, adding that "it's sometimes hidden below ground."

"In the bitter aridity of the McMurdo Dry Valleys, ice withers away," Swanger says. "It sublimates, turning to water vapor without the chance to melt. So, if ice is left exposed to the elements for long enough, it eventually disappears. But underground, ice is at least partially protected and can survive for much longer. And its shape and composition holds a record of how and when it formed."

The team, whose research is funded by a \$331,000 grant from the National Science Foundation, is interested in how and when that ice formed—and what it can tell us about climate change.

Swanger is joined by UMass Lowell undergraduate and graduate students, along with a Ph.D. student from the University of Pennsylvania, a research scientist from Brown University and a ground-penetrating radar expert from Alaska.

"I was on a research cruise last year that got close enough to the Antarctic coast to see an ice shelf," says UMass Lowell postdoctoral researcher Kelsey Winsor. "I'm eager to get into the field to see the landforms that I've been staring at in satellite photos." ■



[2] Prof. Kate Swanger and Myles Danforth '15 connect cables between the ground-penetrating radar and the computer.

[3] Prof. Kate Swanger prepares sample bags for sediments in Wright Valley.

[4] Myles Danforth gathers exposure samples in Antarctica.

[5] The "saltiest body of water in the World," Don Juan Pond glows under the 24-hour sunlight in Wright Valley.

[6] Myles Danforth and Regina DeWitt pull the ground-penetrating radar over core ice in Pearse Valley, despite an impending snowstorm.

[7] Prof. Kate Swanger and her team take a transport to the camping site to test their tent and radio.

The Battle for Benefits

Student team creates web app to help veterans get the support they deserve.



Manning School of Business senior and National Guardsman David Tetreault spent a year in Afghanistan's western Farah Province with Charlie Company.



David Tetreault, facing camera, and his team (National Guardsman Brian Holt, a criminal justice major; plastics engineering major Terry Fox-Koor; business major Maria Gottshall and Ann McGill, professor of English as a second language) are designing a web platform to help veterans get the benefits they need.

On his 18th birthday, David Tetreault got his orders: You're headed to Afghanistan.

He spent a year in Afghanistan's western Farah Province with Charlie Company, a Massachusetts National Guard unit assigned to provide security for those working to restore infrastructure.

Now a senior in the Manning School of Business, he's using the university's DifferenceMaker entrepreneurship program to help the flood of returning veterans cut through red tape and confusion.

Tetreault and his team (for now known as QRT, as in Quick Response Team, a military term) are designing a web platform to help veterans get the benefits they need from the Veterans Administration.

His teammates include another active guardsman and criminal justice major, Brian Holt, Terry Fox-Koor (plastics engineering), business major Maria Gottshall and Ann McGill, a professor of English as a second language.

Their final product will be designed to help veterans apply for disability benefits by asking a few clear, concise questions.

"It's awful," says Tetreault, scrolling through the current online application. "I don't even know all the acronyms. This is what needs fixing. All the time you hear politicians and candidates talking about the problem and how they're going to fix it. But nobody does. There's not a real sense of urgency. It's just lip-service."

BY DAVID PERRY

As a kid from West Warwick, R.I., Tetreault joined the Guard in March 2010 to pay for college. It didn't sound outrageous when his guidance counselor suggested it.

"I'd always loved the image of the tough guy, the hero," he says.

Tetreault has been doing his "own disability dance for over a year now," he says, seeking help for Post-Traumatic Stress Disorder. He traces his issues back to an explosion that shook his convoy as it protected U.S. workers in Afghanistan.

"I was in the first truck, and an IED blew up under the one behind us," he says. "Luckily, no one was killed. But I struggled with not seeing it coming, and not calling out before it happened."

Crowds can bring stress and anxiety. There is physical pain. He has a hard time sitting still.

"The thing is, I never saw myself as having a problem until Janine started asking me about it," he says of Veterans Services Director Janine Wert.

Finding a solution to the problem facing disabled veterans has given Tetreault a purpose and an outlet where he can apply his education, experience and skills.

"I went through three years of school, always thinking, what am I going to do with my life? And then I heard Manning School professor Ralph Jordan say during a DifferenceMaker event, 'If you know of a problem, bring it forward.'"

"And I thought, there are so many veterans coming back, not getting their disability benefits in a timely way. I had seen it through a roommate who waited one and a half years to even get an evaluation."

"David is an amazing guy," Wert says. "He was deployed at 18, has been in leadership positions with his unit, has been president of our Student Veterans Organization, and is vice president now. He's worked in our office for three years, diligently. He's a good leader and follows through on things."

Wert helps returning vets with a multitude of issues, but getting them services is a priority.

"I can help them," she says, "But only one at a time, and there's only one of me."

"On top of that, if you have PTSD or traumatic brain injury it can seem nearly impossible just to navigate the stuff that's on there. What David is talking about is a reasonable answer that is really needed," says Wert. "It's not anything anyone has done yet that I know of and David is talking about doing this at no charge."

"We just want to give people the platform to get better," says Tetreault. ■

CONFERENCE CHAMPIONS!

The men's cross country team became the first River Hawk team to win an America East Conference Championship since UMass Lowell made the transition to Division I nearly three years ago. The team sealed its victory at the America East Conference 8K Cross Country Championship in Stony Brook, N.Y. in November, placing five runners in the top 16.

"We worked so hard and went out and grabbed it," says UMass Lowell Head Coach Gary Gardner. "Our times were phenomenal. I couldn't have asked for more. This was awesome."



BLUE LIGHT SPECIAL

UMass Lowell set a Guinness World Record by lighting 4,088 glow sticks simultaneously during the River Hawks men's ice hockey game on Oct. 16. During the first intermission of the game with Colorado College, Chancellor Jacquie Moloney led the fans in lighting blue glow sticks emblazoned with the River Hawks logo and "The Best is Yet to Come."



PEDALPOWER

UMass Lowell has been named a "Bicycle Friendly University" by the League of American Bicyclists, joining Harvard University and the Massachusetts Institute of Technology as the only schools in the state to earn the distinction. The university is one of only 127 Bicycle Friendly Universities in 42 states across the country.

A major factor in the university's distinction was the growth of the Freewheelers bike-share program. What started in 2007 with five bicycles at the Campus Rec Center has grown to a fleet of 35 bicycles at five locations across campus.

From July to October this year there were 1,738 bicycle checkouts, a 16.6 percent increase from 2014.

"Students are interested in sustainable transportation, so having it be free at multiple checkout locations on campus has been a big thing," says Murray, who is just as encouraged by the number of students who bring their own bicycles to campus. "That's where we're seeing the most growth," he says. "There's probably twice as many bikes on campus now compared to five years ago. The bike racks are filled everywhere."—EB

ROCKET PLAN

UMass Lowell's rocket scientists—Prof. Supriya Chakrabarti and Asst. Prof. Timothy Cook of the Department of Physics and Applied Physics—launched a rocket-borne experiment called PICTURE-B to take direct images of the disk of dust surrounding a nearby Sun-like star. The launch took place in the evening of Nov. 24 from the Army's White Sands Missile Range in New Mexico.

"Our goal was to use a NASA sounding rocket to launch PICTURE-B to the very edge of the atmosphere so we could observe Epsilon Eridani in infrared and visible light," says Chakrabarti.

Epsilon Eridani—an orange dwarf star that is younger, fainter and slightly cooler and less massive than the Sun—is located 10 light-years away in the constellation Eridanus. It is the nearest planetary system to Earth, harboring one (or possibly two) planets as well as a pair of asteroid belts and a dust disk.

The project's ultimate goal is to discover Earth-like planets capable of supporting life.

"The study of extrasolar planets is one of the most exciting endeavors of modern science," says Chakrabarti. "PICTURE-B will demonstrate that routine imaging of exoplanets can be accomplished at modest cost. This will have a profound impact on exoplanet research and can lead to a better understanding of the formation of planetary systems as well as our place in the universe."

NASA awarded the team a five-year grant worth nearly \$5.6 million for the project. —EA

Technicians prepare the scientific payload housing the instrument at the Army's White Sands Missile Range in New Mexico. The payload was mated to a Black Brant IX, a two-story NASA sounding rocket that flew it to an altitude of 150 miles.

INNOVATION GETS A BOOST AT 110 CANAL STREET

With two snips of ceremonial scissors, UMass Lowell's quest to spark entrepreneurship and innovation came closer to being fully realized. In October, the university unveiled two floors made for folks who are inventing the future in the up-and-coming Hamilton Canal District in Lowell.

Officials cut the first ribbon on the fourth floor of the 110 Canal building, home to expanded space of the Massachusetts Medical Device Development Center (M2D2), a joint venture between UMass Lowell and UMass Medical School. The new location adds to M2D2's existing space in Wannalancit Business Center, which opened in 2011 and now houses 15 companies.

For the second ribbon cutting, well over 100 people—including Lt. Gov. Karyn Polito and state and local officials—headed down one floor to the UMass Lowell Innovation Hub (iHub), an incubator for tech industry start-ups that has been open since June and has a dozen companies and corporate sponsors on site.

Each space in the renovated mill building has 11,000 square feet of workspace.



CAPITOL GAINS

For two decades UMass Lowell has been sending students to The Washington Center for Internships and Academic Seminars, a nonprofit that combines hands-on professional experience with classroom learning.

In recognition of its commitment to the program, the university recently received the organization's "Public Institution of the Year Award."

The more than 150 UMass Lowell students who've participated earned academic credit for taking intensive seminars with policy experts, media professionals and elected leaders and completing internships on Capitol Hill and around the city.

Nicholas Imperillo, a senior majoring in homeland security studies, spent summer 2015 at the center. He interned at Washington's Metropolitan Police Department, one of the 10 largest local law enforcement agencies in the country. Working for an assistant chief in the Strategic Services Bureau, his assignments included helping rewrite lesson plans for the police academy and assisting with the startup of a community engagement project that brought citizens and law enforcement officers together.

"I got to work with all levels of leadership. It was eye-opening," says Imperillo, a member of the Honors College who has been accepted into the Criminal Justice master's program. —JG



G is for GOREY

UMASS LOWELL'S Department of Art & Design hosted "E is for Elephants, The Etchings of Edward Gorey" this fall in the University Gallery. Gorey, a world-renowned author and illustrator, created over 100 published titles, including "The Gashlycrumb Tinies" and "The Wuggly Ump." He illustrated books by authors from Charles Dickens to Samuel Beckett and John Updike to Virginia Woolf, as well as thousands of illustrations for publications including The New Yorker and The New York Times. He also designed Tony Award-winning sets and costumes for theater productions, and his animated credits for the PBS Mystery series introduced him to millions of TV viewers.





The Front Line

What do you get when 34 UMass Lowell hockey players and staff members spend an hour at The Wish Project? A completely organized and empty back dock. “They formed an assembly line and cleared months of broken, discarded furniture from our back dock where it had been waiting to be disposed of,” says Donna Hunnewell, founder of The Wish Project, a Lowell nonprofit that provides clean new and reused items to 35,000 needy people in the Merrimack Valley every year. “What a great help it was to our small overworked labor staff!”

Artifacts Discovered in City Hall Attic Tell Story of Portuguese Laborers in Lowell

Shortly before Prof. Frank Sousa arrived at the university to direct the Saab-Pedroso Center for Portuguese Culture and Research in 2013, a collection of historic records were uncovered in the attic of Lowell City Hall.

“It was serendipity,” says Sousa of the discovery of letters, passports, photographs and visas, which detail the lives of thousands of Portuguese laborers who arrived in Massachusetts more than 100 years ago. The immigrants, many of whom originally traveled to Massachusetts to work in the whaling industry, toiled alongside many other groups in the Lowell mills.

Over the next year and a half, an exhibit showcasing the history and influence of the Portuguese community in Lowell took shape. “The Lure of the Spindle: The Portuguese in Early 20th Century Lowell”—a partnership between the university’s Center for Lowell History and Lowell National Historical Park—was on display in the Boott Cotton Mills Museum for several months in 2015.

Before graduating in May, history alumnus Mark Gozzo ’15 scanned and researched many of the unearthed documents for his History, Writing and Community class during his internship with the Center for Lowell History. He used genealogical records and other sources to write a research paper about the Portuguese community in Lowell over time, which informed pieces of the exhibit.

“It was a good experience for me in using history skills and getting a concrete result,” Gozzo says. “It feels good to be part of something that so many people obviously feel strongly about.”—JKG



History alumnus Mark Gozzo '15 helped document the Portuguese artifacts discovered in Lowell City Hall, including the wedding photo of John and Elsie Falante shown behind him.

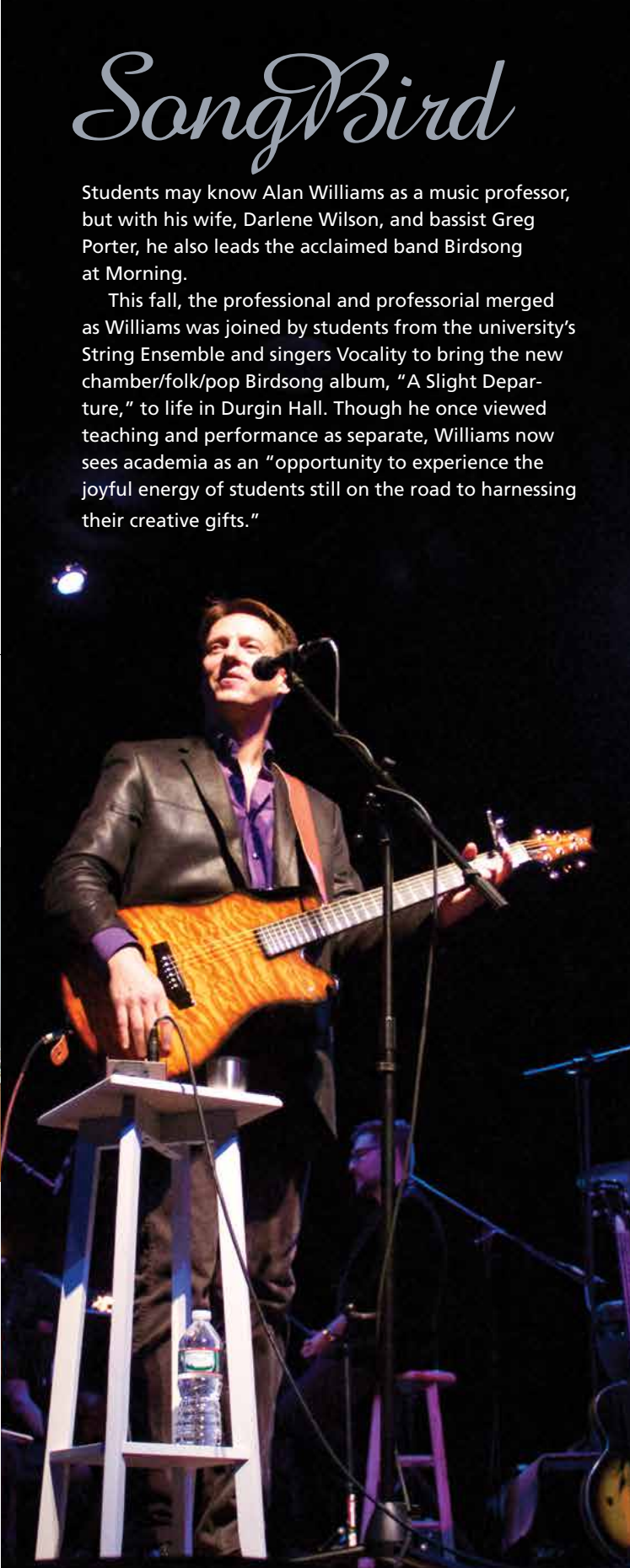
His future’s so (Ful)bright

Prof. Martin Margala of the Department of Electrical and Computer Engineering was awarded the Fulbright-Czech Technical University (CTU) Distinguished Chair in Electrical Engineering. Margala’s one-year fellowship in Prague started in September.

Each academic year, the Fulbright international educational exchange program chooses approximately 40 awardees from all over the world as distinguished chairs to teach and/or conduct research in North America, South America, Europe, Asia and Australia. They are considered among the most prestigious appointments in the Fulbright Scholar Program.

“The award is definitely humbling and I feel very privileged,” says Margala, who serves as department chair in the Francis College of Engineering. “I’m glad our work is attracting international attention.”

This is the first time the Czech Technical University is offering the chairmanship. While in Prague, Margala will teach one advanced undergraduate and one graduate course (both in English), advise Ph.D. students and conduct research. He will also counsel the dean and the rector on various aspects of higher education, assist the department with curriculum development and help identify funding opportunities.



Song Bird

Students may know Alan Williams as a music professor, but with his wife, Darlene Wilson, and bassist Greg Porter, he also leads the acclaimed band Birdsong at Morning.

This fall, the professional and professorial merged as Williams was joined by students from the university’s String Ensemble and singers Vocality to bring the new chamber/folk/pop Birdsong album, “A Slight Departure,” to life in Durgin Hall. Though he once viewed teaching and performance as separate, Williams now sees academia as an “opportunity to experience the joyful energy of students still on the road to harnessing their creative gifts.”



Researchers Target Pesticides in Global Farming

The National Institutes of Health awarded UMass Lowell and Mahidol University in Thailand a \$3 million grant to conduct research that aims to improve agricultural health in Southeast Asia.

“Our first project is to see whether some widely used pesticides used in Southeast Asian agriculture act as endocrine disrupters, leading to diabetes, stroke and coronary diseases, all on the rise in Thailand,” says Prof. Susan Woskie of the Department of Work Environment in the Division of Public Health.

More than 60 percent of the world’s agricultural workers live in developing countries, with the majority in the Asia Pacific region. Within Thailand, more than 40 percent of the working population is in agriculture. —KA



TOPPING IT OFF

Chancellor Jacqueline Moloney joined project developers and local and state officials—including State Rep. Brian Dempsey ‘99—in signing a steel beam in November during a topping off ceremony for the five-story Harbor Place commercial building in Haverhill. The site of the former F.W. Woolworth Co. overlooking the Merrimack River, Harbor Place will house a UMass Lowell satellite campus, along with other tenants, when it opens in the summer of 2016. The university will offer management, criminal justice and information technology programs at the Haverhill campus. Nursing and health administration classes may also be added.

Conservation Project Reveals Cast of Characters

BY JULIA GAVIN

Students in Prof. Marie Frank's American Art class not only read about iconic art, they also helped clean and conserve several casts of historic sculptures as part of their coursework.

The students helped bring new life to six plaster casts that stood watch over campus, most recently in Coburn Hall's room 205, for more than a century. Ten casts, made by the noted Caproni Brothers firm, Boston-based makers of plaster reproductions of classical statues, were made from direct molds of the frieze at the Parthenon and from 15th century Italian sculptor Luca della Robbia's Cantoria panels. Over the years, the casts suffered the effects of time and were covered with layers of coal dust from the building's former heating system.

"I saw the casts on the wall for years, but didn't know exactly what they were or their history," says Frank, who noticed damage to one piece when they were mistakenly removed from the wall in the summer of 2014. "When I saw the Caproni brothers' stamp on one, I knew we had a part of art history on campus. We had to preserve them."

In the early 20th century, many colleges and universities, including Harvard, Yale and Cornell, bought the Capronis' plaster casts of masterworks to teach art history. Lowell Normal School, a teaching college predecessor institution of UMass Lowell that was based at

Coburn Hall, acquired the casts around 1911, according to Frank. The once-common casts have become a rare find. While the pieces originally cost about \$6 each, similar casts have sold for thousands of dollars at auction in recent years.

The six Parthenon casts show men on horseback and the four Cantoria panels depict a singing choir. The pieces vary in size, between roughly 4 feet-by-2 feet and 4 feet-by-6 feet. The class project focused on the Parthenon casts.

Using cotton swabs and diluted solvents, students carefully removed decades of dust, conserving the casts for generations to come.

Frank used grant money to hire Christine Thomson, an objects conservator, to meet with students, plan for the casts' cleaning and lead the process. Thomson also repaired a few damaged areas of the fragile casts, showing students the art and science of her work.

"This new component helped students experience art as something they can touch rather than as an image in a PowerPoint presentation," says Frank, who also assigned research projects related to the artwork. "Students took pride in providing real service to the university community and became part of the history of the murals and casts—and our campus—by helping preserve our art for the future." ■



Conservator Christine Thompson (third photo from left, above) works with students to clean historic casts (remaining photos, above) that have hung in Coburn Hall for more than a century.



SIRI, DO I HAVE TB?
SMARTPHONES TO IMPROVE
DIAGNOSIS

UMass Lowell researchers are using smartphone technology to help improve the diagnosis of people afflicted with tuberculosis. The chronic and infectious disease, if not treated properly, can allow the bacteria to spread to other parts of the body such as the kidney, spine or brain.

The disease disproportionately affects poor and marginalized communities. Last year, 9.6 million people globally became sick with TB, and 1.5 million died of related complications, according to a report by the World Health Organization.

“This is unacceptable considering TB is curable and preventable,” says Assoc. Prof. Maria Julia Brunette of the College of Health Sciences’ Department of Work Environment.

Brunette is collaborating with computer science Assoc. Prof. Benyuan Liu and Asst. Prof. Yu Cao to develop a mobile device-based, computer-aided system for TB screening that would speed up diagnosis. The project, called “mHealth,” is funded by a four-year, \$1.3 million grant from the National Institutes of Health and the National Science Foundation.

The Health study will be conducted in Carabayllo, a densely populated district north of Lima, the capital of Peru. The country has one of the highest TB incidence rates in Latin America.

The goal of the project is to provide a smart-phone or tablet tool for workers at remote TB clinics to capture, process and analyze images of film chest X-rays brought by the patients.

The images, enhanced by a special algo-rithm, are then transmitted to a server running data analytics in the cloud, where doctors can access the X-ray images, confirm the diagnosis and send the results back. This process can po-tentially reduce wait times from weeks to days.

If successful, the project will eventually be applied in low- and middle-income commu-nities in the United States and elsewhere. In 2014, more than 9,400 TB cases were reported to the U.S. Centers for Disease Control and Prevention. —EA



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Features

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LONDON CALLING

Twins Hector '15 and Arnaldo '15 Rivera—shown here in London during their 2014 study abroad semester—were the first in their family to graduate from college. But that’s not all the brothers overcame. Read their story on Page 38—and find out why they’re the poster children for the tenacious UMass Lowell spirit.



DON'T JUST START YOUR
CAREER
LAUNCH IT



BY ED BRENNEN

PUNCHING IN AT KRONOS



Since delivering the world's first micro-processor-based time clock in 1979, Kronos Incorporated has steadily grown into a global leader in workforce management software solutions. With that growth has come a commitment from the Chelmsford-based company to invest in and develop the workforce of tomorrow.

"We realized we have an obligation as a company, as a large employer, as a role model in our community and in the Greater Lowell area, to give people opportunities," says Kronos Chief Executive Officer Aron Ain. "We strongly believe as a leadership team that we need to create opportunities for the next generation of people coming into the workforce to experience what it's like to work for a real company."

With that in mind, Kronos hired its first nine interns in the summer of 2009. Two years later, Keri Vadala '04 formalized the company's Global Summer Intern Program, doubling its size. The program has mushroomed since then and this year Kronos spent \$750,000 to hire 84 interns—including 13 from UMass Lowell.

"I think with an amazing school like UMass Lowell being right in our backyard, it's just a natural partnership," says Vadala, who earned a degree from the Manning School of Business and is now manager of college relations for Kronos. She is among the 100-plus UMass Lowell alumni working at Kronos, which employs more than 1,100 people in Massachusetts and another 2,700 throughout the country.

"We've been working a lot on the back end to strengthen our relationship with the university," Vadala adds, "and as we looked at the big picture we said, 'Let's make this more than just Kronos is an employer of choice at UMass Lowell, let's make this a formalized program.'"

The success of the internship program convinced Kronos to partner with the university this year on a co-op program specifically designed for UMass Lowell students. From January to June, 10 students worked full time at Kronos in a variety of roles, including professional services, sales and marketing. The students, who each received a \$3,000 scholarship in addition to their regular pay, were recognized at a July 9 breakfast at the company's Chelmsford headquarters.

"I want to thank all the students who have been here for helping us do something that's very important to us," Ain told the diverse group of students,

whose majors included management information systems, management, marketing, computer science and chemical engineering. "And I want to thank UMass Lowell for giving us the brightest students you have for our co-op program."

According to Barbara Vlacich, vice president of presales at Kronos, there are two things that set UMass Lowell students apart: the ability to work on cross-disciplinary projects and excellent communication skills.

"You'll see a marketing major working with an MIS major, for instance, and I can't say enough of how much that needs to be done. It's really unique to UMass Lowell," Vlacich says. "And there is a confidence. They're not afraid to get up in front of the room."

Vlacich credited Assistant Dean of Student Affairs for Career Development Greg Denon and Assistant Director of Cooperative Education for the Manning School Kerry Willard Bray for helping build the program, which will continue with a fresh crop of co-ops in January 2016. They met every month with Kronos managers to see how students were doing and brainstormed new ways to engage them in their roles.

"We haven't done this before, and all the management here figured it out as we went along," says Vlacich, who adds that based on the initial popularity of the program, she can see it expanding to a year-round rotation in the coming years. "I think we'd feel comfortable expanding it. People want more."

After seeing how the co-op experience transformed students, Manning School interim dean Scott Latham is also in favor of growing the program.

"This is a relationship that UMass Lowell values immensely, and we hope we can deepen it in the coming years," Latham says.

Ashley DeFreitas, a senior majoring in business administration, says her co-op in Kronos' professional services department gave her a newfound confidence.

"When I first looked at the job posting I was a little intimidated, but when I went into my role my managers and coworkers were so helpful that I felt confident with any task that I was given," says DeFreitas, who is continuing part-time at Kronos during her senior year. "Everyone here is welcoming and friendly. It's one of the best cultures I've seen." ■

Above, from top: Kronos employee and UMass Lowell graduate Nicole Neves visits campus for Career Day; Manning School of Business Interim Dean Scott Latham talks with Kronos CEO Aron Ain at the company's breakfast for UMass Lowell co-op students; co-op student Siriphone Chanhsoy of Leominster speaks at the breakfast; Francis College of Engineering Dean Joseph Hartman chats with Kronos Senior Director of IT Douglas Tamakanis.

BY GEOFFREY DOUGLAS

Her turn at the Top.

Newly Installed Chancellor Jacquie Moloney pledges to take UMass Lowell to new heights

When Jacquie Moloney was a high school junior, she was told not to bother taking college-prep courses.

“The guidance counselor told me, ‘That’s not for you,’ ” she recalls.

Moloney disagreed, but didn’t have much support. Her father, a foreman at Charlestown Navy Yard, hadn’t attended college. Nor had her mother; nor would any of seven sisters: “The attitude was that college was for girls who came from money,” she says. “‘Why would a girl want to pay to go to college? What was the sense of that?’”

With the help of two teachers who believed in her, she took some college-prep classes—and two years later enrolled at Lowell State, from which she would graduate four years later with a degree in sociology. “I owe those teachers,” she says today. “I really do.”

If there is any piece of her history that illuminates the course Jacquie Moloney has taken with her life, it may be this one. Circumstances told her to be a secretary, to dream small. She rejects small dreams—for herself, and everyone else.

Her first real job out of college was with the Lowell Association for Retarded Citizens (today the Arc of Greater Lowell), where she was an advocate for mentally disabled mothers, coaching them on life skills and standing in for them when needed. After that she directed the city’s Indo-Chinese Refugees Foundation.

Continued





"Lowell in those days had become a haven for Southeast Asian refugees," Moloney says. "Most of them had been through terrible things—lost families, persecution, genocide—and there were almost no services to help them. We did what we could: taught them English, gave them lessons on culture and daily living. It was a life-changing experience for me."

By now, barely out of her 20s, she was a wife—she'd met her husband, Ed Moloney, in her senior year at the university—and the mother of two daughters, Emily and Margaret. After the birth of the latter, she retreated for a time to be a full-time mother.

She wasn't gone long. In 1985, Moloney returned to her alma mater, first to teach psychology, then to take over the fledgling College Prep program. Under her guidance, the program took on its signature project: a partnership with Lawrence High School, where many students were immigrants, mired in the worst sort of urban poverty. The goal was to keep them in school, bring them level with their peers, then, whenever possible, to bring college within reach.

The initiative, a success from its first days, would widen over time. By 2007, nearly 200 Lawrence students every year were spending half of their summers on the UMass Lowell campus or in local internships. They attended classes and career-development workshops and learned new skills, often eating and sleeping in the dorms. Many are alumni today.

"The idea was to create opportunity," Moloney says, "to give them the chance to succeed. And I think we did that. I think we changed some lives."

Many more lives would be changed. The pace would be irregular, sometimes almost hectic. ("It wasn't a straight path," she says, looking back. "I didn't plan it out.") But nearly always, it seemed, the bottom line was the same: someone was disadvantaged, out of range of the prize just beyond them, and needed to be lifted up.

After College Prep, the next stop was admissions, where, as assistant director, her task was a recruitment plan that would increase diversity. Then, barely a year later, in 1986, Moloney was named director of Freshman Programs, in charge of improving retention. Her response to the old way of dealing with struggling students—"which was just to let them sink or swim," she says—was to find ways to raise their performance.

It was here that the real innovating began. Over the next eight years, she launched several key initiatives, first as Freshman Programs director and later as founder and director of the Centers for Learning and Academic Support Services (CLASS). Moloney helped create a student advising center, several tutoring programs, a faculty teaching center, instruction in academic and educational computing (these were the early days of the web) and a bridge program with Middlesex Community College. Today, thousands of students continue to benefit from CLASS services, which now include arranged study groups, computer-lab instruction, four campus drop-in centers and tutoring for 75 subjects.

Her next stop along the way was the boldest by far—and it couldn't have happened, she says, without the support of her boss at the time, former chancellor William T. Hogan. "He had a real way of looking to the future, of picking up on trends," Moloney says.

The School of Continuing Education, when Moloney took over as dean in 1994, was a modest affair. Its summer program featured archery and ballroom dancing. There were some small degree programs, and online learning didn't even exist. Its billings were \$6.5 million a year.

Today it is the largest online program by a public university in the northeastern United States. It offers complete degree programs: 10 undergraduate and 15 at the graduate level. More than 400 courses are available, generating roughly 20,000 yearly enrollments and \$43 million in annual revenue. It was the recipient, in 2009, of seven of the top eight international awards conferred by the Sloan Consortium (today the Online Learning Consortium), the leading professional organization devoted to advancing online learning—which at the same time honored Moloney with a lifetime achievement award.

Then came the Meehan years.

There's not much that hasn't already been said about the advances made by UMass Lowell since 2007, the year Marty Meehan took over as chancellor. The enrollments, the honors, the dollars, the national publicity—not least the campus itself—tell a story of growth that were unimaginable eight years ago.

As Meehan's executive vice chancellor, Jacquie Moloney was at the forefront of most of it.

"Everything that Marty has navigated, Jacquie has piloted," says Associate Vice Chancellor Larry Siegel.

It begins and ends with the university's strategic plan. Conceived and loosely structured the year Meehan arrived, molded over the next 18 months with feedback from more than 200 faculty, staff and students, then fine-tuned in the work of 11 separate committees, it was formally released in April 2009 as "UMass Lowell 2020: A Strategic Plan for the Next Decade." Its overseer and main presenter: Jacquie Moloney.

The plan is exhaustive, complex and multi-tiered. There is no dimension of the university it fails to address: from academics to student life, from infrastructure to fundraising.

"I was a skeptic," says Julie Chen, the university's vice provost for research, who remembers doubting that the goals could be achieved, or even that they were the right goals. Her doubts faded over time.

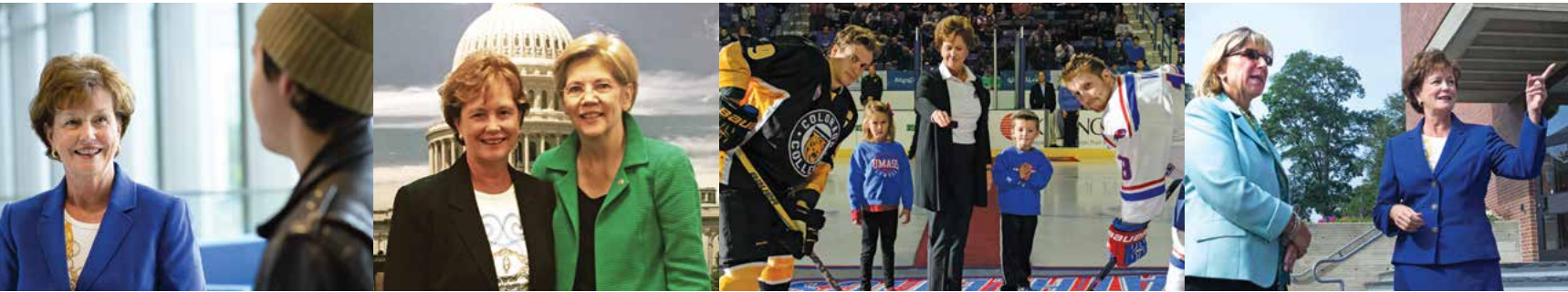
"Jacquie inspires people to strive," she says. "She made everyone feel a part of the process, pulled everyone in the same direction. It's been a resounding success."

The advances in the plan's first five years have been impressive: 11 buildings, record gains in enrollment, a huge jump in incoming-student achievement, widening diversity,

THERE'S NOT MUCH THAT HASN'T ALREADY BEEN SAID ABOUT THE ADVANCES MADE BY UMASS LOWELL SINCE 2007. AS MARTY MEEHAN'S EXECUTIVE VICE CHANCELLOR, JACQUIE MOLONEY WAS AT THE FOREFRONT OF MOST OF IT.

Facing page: Chancellor Jacquie Moloney poses for a selfie with members of the women's basketball team (photo 1), greets the Gumbo in Congress street band on Welcome Back Night in downtown Lowell (photo 2), addresses new students at Convocation 2015 (photo 3), joins, from left, Lowell National Historical Park superintendent Celeste Bernardo, Middlesex Community College President James Mabry, U.S. Department of the Interior Secretary Sally Jewell and Congresswoman Niki Tsongas in celebrating River Day 2015 (photo 4) and visits with faculty and staff of the College of Health Sciences as part of her tour of all the colleges on campus (photo 5).

Continued



“JACQUIE MOLONEY KNOWS UMASS LOWELL FROM EVERY PERSPECTIVE—FROM THAT OF A STUDENT, A TEACHER AND AN ADMINISTRATOR. SHE KNOWS HOW TO SET GOALS AND ACHIEVE THEM.”

— Marty Meehan

At top, from left: Chancellor Jacquie Moloney talks with a student in University Crossing, meets with U.S. Sen. Elizabeth Warren in Washington, D.C., drops the puck at a River Hawks hockey game and gives a campus tour to State Sen. Karen Spilka.

a doubling of revenues, a more-than-doubling of the endowment, a rapid vault up the national rankings.

From the first day, there was never any question about Moloney's role in driving it.

“Jacquie was the true leader and inspiration behind the plan,” says Joanne Yestramski, vice chancellor for finance and operations. “She kept the entire community engaged, motivated us to stay on track—and encouraged collaboration throughout the entire institution.”

Progress didn't end with the measurable. There have been other, less quantifiable advances. The DifferenceMaker Program, which Moloney established, engages 6,000 students every year in problem-solving, entrepreneurial projects. The Deshpande Symposium, which she co-chairs, promotes student entrepreneurship across more than a dozen universities. Her early career legacies—the Centers for Learning and the Division of Online and Continuing Education—continue to grow and flourish.

There is another contribution that is very measurable. In the fall of 2014 Moloney and her husband, Ed, a Lowell attorney, made the latest in a series of gifts to the university, bringing their total commitment to more than \$275,000. In recognition of this, and of her “extraordinary leadership in so many areas on campus”—as Meehan put it at the time—the second-floor auditorium in University Crossing is now known as Jacqueline and Edward Moloney Hall.

“Jacquie truly loves this university and cares deeply about the students,” says Patti McCafferty, vice chancellor of university relations. “She recognizes that if it weren't for the encouragement and opportunities she received, she wouldn't be where she is today. She wants to ensure that, on her watch, all students who come here receive an incredible education, develop the skills needed to excel in the real world and graduate without insurmountable debt.”

With the Meehan legacy cemented, and so many achievements by now checked off the list, what is there left to accomplish? Plenty, says Moloney. “I want to realize the potential we've got teed up,” she says. Then she pauses, draws a long breath, and begins the list of what that means exactly:

“The first priority is the students: we need more dollars for scholarships to free up our students from working jobs on the side. I want them to have the time to pursue more real-world learning.”

Then comes the business of infrastructure; there is overdue maintenance on some buildings, one or two others may still need to be replaced. A third goal is to “build on our programs already in place”—like the co-op and Difference-Maker programs—that “encourage social entrepreneurship, that build on the need to be agile, to take advantage of opportunities.”

The long-term targets are more ambitious. To help get there, she will oversee the April launch of the university's first-ever comprehensive fundraising campaign, *Our Legacy, Our Place*, which aims to grow the endowment to \$125 million. She also intends to increase the student population to 21,000 (from its present level of about 17,000)—“and scale our organization and footprint to match;” and to achieve a ranking among the top research universities in the United States. Much of this, she says, would be achieved as part of the larger goal: “to complete the work of the 2020 plan.”

So there is much work still to do—but there seems to be consensus that Moloney is well prepared to lead it. She has received scores of accolades since the news of her appointment went public in July, but two especially stand out. The first, from her predecessor in the job, might come closest to capturing the mix of assets she brings to her new post:

“Jacquie Moloney knows UMass Lowell from every perspective—from that of a student, a teacher and an administrator. She knows how to set goals and achieve them. She knows how to establish priorities and create a vision. She knows how to lead and inspire,” Meehan said in July.

And then there is this—sent in an email from a freshman named Alec Golas, on his embarrassment at being tongue-tied in the elevator he had shared briefly with the new chancellor an hour or two before:

Hello Dr. Moloney,

While I'm only a freshman and I've only been on the campus for about three weeks, I just want to let you know that these past three weeks have been the most rewarding and challenging and mentally stimulating three weeks of my life. ... It's as if everyone around me has one goal, and that goal is to make sure I am successful. So I don't want you to think that me not really saying anything to you in the elevator has anything to do with me not having anything to say, but instead, it was more about having too much to say and not being able to decide on a single question after accidentally running into the woman responsible for one of the best times of my life. ■

“The first priority is the students: we need more dollars for scholarships to free up our students from working jobs on the side.”



The best is yet to come.



UMass President Marty Meehan confers the chancellorship on Jacquie Moloney (photos 1 and 3) as her family reacts on right (photo 1), from left, husband Edward Moloney and daughters, Margaret Hansberry and Emily Smith. UMass Senior Vice President for Academic and Student Affairs Marcellette Williams (photo 4) spoke at the ceremony, as did Gururaj “Desh” Deshpande (photo 5, with Moloney), chairman of both Sparta Group LLC and Tejas Networks. Afterward, the chancellor (photo 2, center) met up with her seven sisters, from left, Essie O’Donnell, Lorraine Johnston, Peggy Lewis, Geri DiGiacomo, Dotty Surrutte, Mickey Rooney and Rose Dolbeare. At the inauguration gala that evening, the chancellor and her husband, Ed, danced the night away (photos 6 and 10). Also enjoying the evening were (all from left): Joyce ’77 and Gerald ’78 Collela and Peter and Kathy ’77 Allen (photo 7); Mark Saab ’81, ’13 (H), Deb and Jim ’80 Dandeneau (photo 9) and Linda ’76 & Michael Gallagher, and Lisa ’88 and Glenn Prezzano (photo 11).



More than 1,000 members of the UMass Lowell community celebrated Jacquie Moloney’s inauguration at the Tsongas Center on Oct. 22. More than half of them continued the festivities at a gala that evening at the Inn & Conference Center.

“What is it that we do at this university? What is our mission? I believe it is to change lives,” said Moloney, who entered the ceremony to the UMass Lowell Marching Band playing the school fight song, “River Hawk Pride.” “What makes this university so special? Put simply, it is all of you: our inspiring students, our brilliant faculty and committed staff, our devoted alumni, our dedicated civic and business leaders and our community of friends and family.”

The theme of Moloney’s inauguration, “Making a Difference Together, Leading through Innovation,” symbolizes her approach not only as chancellor but in her more than 30 years at UMass Lowell.

“It is no surprise that the theme of her inauguration is making a difference together. I share—as I am certain all of you present today and as well as tens of thousands of alumni around the world—Jacquie’s goal of helping ensure all students at this university have every opportunity to graduate, be successful in their lives and make a difference in the lives of others,” said alumnus John Pulichino ’67, ’14 (H), who co-chaired the search committee that put Moloney’s name forward as UMass Lowell’s next chancellor. Like many alumni, he added, Moloney “is indebted to the education she received and is inspired to give back.”

Through sponsorships, private donations and gala ticket sales, the inauguration raised \$1.5 million, which includes a portion of the \$1 million gift by UMass Lowell alumnus Charles Hoff ’66 made in honor of the inaugurations of Moloney as chancellor and Marty Meehan as president of the UMass system.

The newly established Chancellor Jacqueline F. Moloney Scholarship Fund awarded its first scholarships during the ceremony to one student representing each of UMass Lowell’s seven schools and colleges. ■



Moloney (photo 8, center) celebrates with family, friends. Back row, from left: Kevin and Emily Smith, Ed Moloney, Margaret and Kevin Hansberry, Eileen ’82, ’95 and Dennis Montbleau and Frank Spinola ’66. Seated from left: John Pulichino ’67, ’14 (H), Joy Tong ’14 (H) and Mary Jo Spinola ’66. Also celebrating at the gala were Reps. Rady Mom and David Nangle (photo 12) and Jeffrey Cosiol ’67 and Charlie Hoff ’66, ’04 (photo 13, with Pulichino and Tong).

From the North End to Wall Street:
He Reached the Top, Then Asked Himself

‘How Much Do I Really Need?’

BY GEOFFREY DOUGLAS



For a boy growing up in Boston's North End in the 1970s, there weren't a lot of options.

"You finished high school, then you went to work, usually as a cop or an electrician," says Mark Forziati '78. "That was the way it worked for most of the families I knew. College wasn't an option."

His father worked as a civilian for the Coast Guard; his mother worked nights at Mass General. His grandfather, who had come over from Italy just prior to the Depression, was a waiter at the Ritz. There wasn't much money. But the family was close, and the North End in those days, if you were Italian, was like a family itself.

"You never locked your doors; everybody knew everybody," Forziati says. "Sunday dinner at my grandmother's, with her homemade ravioli—that was 'family time.' There was no Little League, no soccer practice, no rushing out to the mall. It was a wonderful place to grow up."

Most of that is gone now, he says: "The neighborhood then was 90 percent Italian-American; I think it's about 25 percent today. You can still buy the prosciutto and the Italian bread in the markets, but that's about all that's the same."

He "had no clue," he says, when he arrived on the Lowell Tech campus in the fall of 1974, where he might want to go with his life. As a teenager with no family forerunners to draw on, he found himself, at least initially, overwhelmed by the sudden range of choices. Some early thoughts about a career as a jet pilot faded quickly, as did his plan to major in math—he opted for business instead. Then, after spending his freshman year living on campus, he sat down with the numbers and realized he was on track for \$13,000 in debt: "I know it sounds crazy today, but I was intimidated by that number, really intimidated. It seemed like a fortune to me."

So he spent his last three years as a commuter, alternating his classroom days with a three-day-a-week job as film librarian in the radiology department at Mass General in Boston, for which he was paid \$9,000 a year.

Those years of student penury, helped by some investment courses for his new major, helped tip him toward the path he would finally take: a career on Wall Street.

By 1981, three years after his graduation, he was a licensed, over-the-counter trader for Goldman Sachs. After six years he moved on to an investment firm in Boston, and from there—in 1993, following a brief stint with a small hedge fund—to Tudor Investments, also in Boston, where he would rise in time to partner and senior vice president. He also served two terms, during this period, on the Traders Advisory Committee of the New York Stock Exchange.

On Wall Street, these were the boom years: the dot-com bubble, the NASDAQ's meteoric rise, the Dow Jones average quadrupling in a decade. By the end of the last century, many people had done very well. Forziati was one of them.

"It was just explosive," he says. "And there I was, pretty much at the center of it. The timing couldn't have been much better."

But something had happened along the way that would change everything for him. He calls it "the seismic event in my life."

In 1990, his father, at age 56—"the picture of health, he'd do five-mile runs along the Charles"—was diagnosed with lung cancer. In the final months before his death, the two spent many hours talking: "about his life, about what mattered to him, about living for the moment." Nothing after that, for the son, in his 30s at the time, was ever quite the same.

"I looked at myself. I asked myself: 'I'm a product of the North End, my grandfather is an Italian immigrant, I have a good life. How much money do I really need to live on?'" It was a

"You're on mile 80, your butt's sore, your quads are aching, then you come around a corner and see this sign: 'I'm Alive Because of You'—and you just suck it up."

question, he says, he never stopped asking—and was a big part of why he would retire, 16 years later, not long after his 50th birthday.

The other part, though, had more to do with his father. And with a 9-year-old girl, Ashley Musick, who died of brain cancer in 2002.

Since 2000, 10 years after his father's death, Forziati had been a rider, every August, in the annual Pan-Mass Challenge, a three-day, 190-mile bike-a-thon from Sturbridge to Provincetown. The event, which has raised a half-billion dollars since 1980 for cancer treatment and research at the Dana Farber Cancer Institute in Boston, pairs clinic patients, known as "pedal partners," with teams of PMC cyclists who ride the course in their honor.

Musick, whom Forziati went to meet in New Hampshire three weeks before her death, was one of those patients, though she died before his team had the chance to ride in her honor. The loss, he says, has never left him. He's been riding for her, and for his father, nearly every year since. He has personally raised more than \$500,000 for Dana Farber.

"It's an amazing experience," he says. "You're on mile 80, your butt's sore, your quads are aching, then you come around a corner and

see this sign: 'I'm Alive Because of You'—and you just suck it up. For me, I think of Ashley, I think of my dad. They're what I'm riding for."

For all the sadness that comes with the loss of any patient, he says, the happy endings far outnumber the sad ones. He likes to talk about a little girl named Holly, another "pedal pusher," diagnosed with leukemia at 4 years old. She is 16 today, the tallest girl in her class and the star of her basketball team. "That's the sort of story," he says, "that makes it all worthwhile."

The Pan-Mass Challenge is only one of several fundraising efforts Forziati has taken part in in his now 25-year crusade against cancer. Another is the annual North Shore Cancer Walk, which, like the Challenge, he also took part in for the first time in 2000, and has been part of ever since, often walking with his daughter, Marisa. In 2007, when the Walk's proceeds were earmarked for construction of a new cancer center on the North Shore (Forziati lives in Marblehead), he was among the first to commit to a six-figure gift.

In recognition of all this, and of other fund-raising efforts, Forziati has been widely honored: by Mass General Hospital, the North Shore Medical Center and the American Cancer Society, among others. Two years ago, he was one of seven alumni honored by UMass Lowell for "demonstrating exceptional leadership and commitment to their fields and their communities."

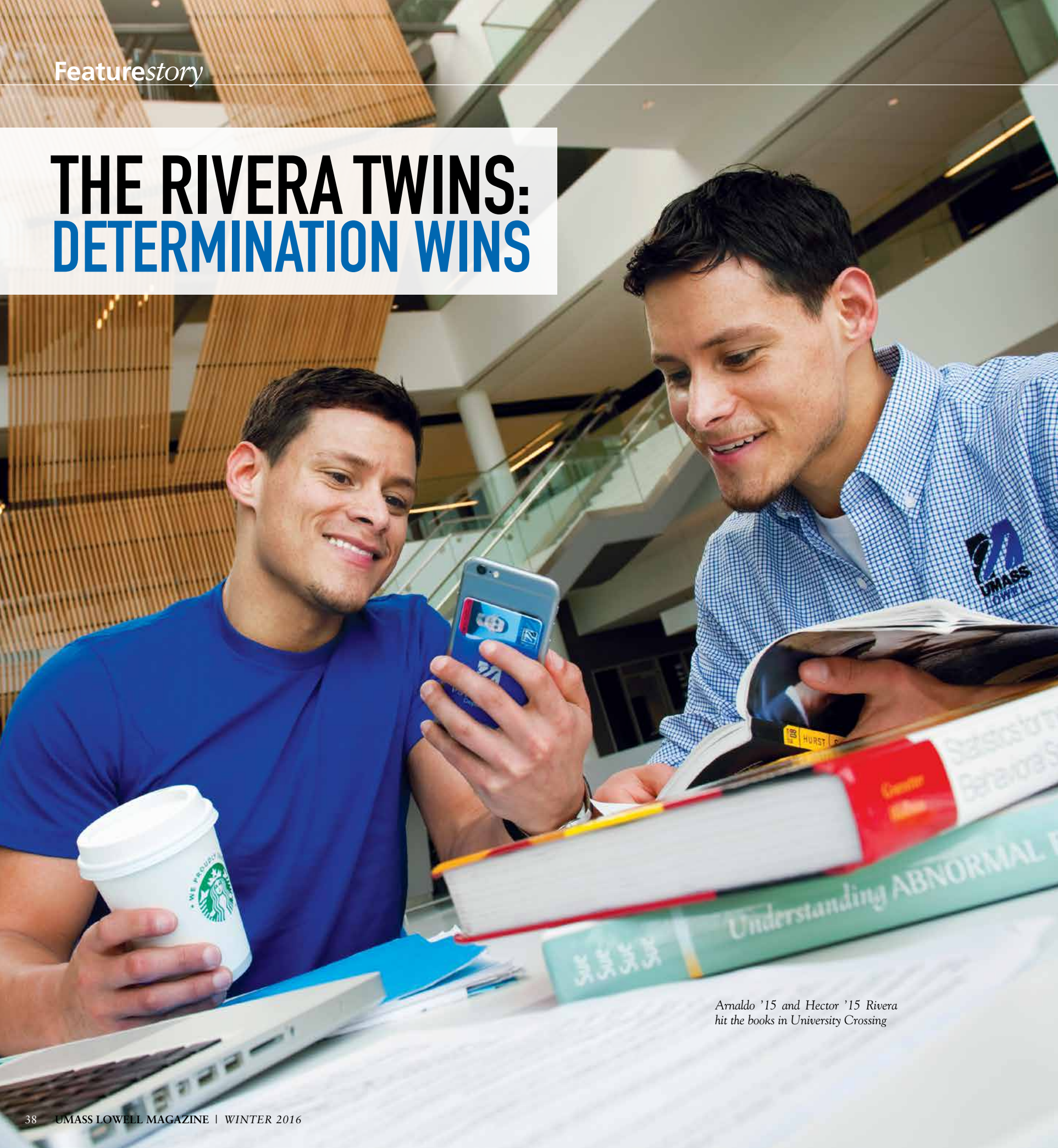
In his own mind, he says, the goal has always been simple: "Just to try to help people to have a better life."

And fighting cancer isn't the only way in which he's sought to achieve this. A generous supporter of the university's Manning School of Business, he has also recently been a booster of the River Hawk New Venture Initiative—an incubator-stage venture capital fund developed by UMass Lowell students, faculty and researchers—and a member of the Chancellor's External Advisory Board. Not long ago, he gave his time as a judge for the DifferenceMaker Challenge, in which student teams develop projects to address real-world problems:

"It's just incredible, some of the things these kids come up with," he says, "like small farms and vegetable gardens on abandoned rooftops, that they grow to feed the poor. Amazing. Some of the stuff just blew my mind."

"Mark Forziati has been an invaluable supporter, across all facets of our campus life," says Steven Tello, associate vice chancellor for entrepreneurship and economic development. "From the Business School and Lowell Fund to the River Hawks Athletics Golf Tournament, both his generosity and his success in life are testament to the bond he has formed with the university." ■

THE RIVERA TWINS: DETERMINATION WINS



Arnaldo '15 and Hector '15 Rivera hit the books in University Crossing

BY DAVID PERRY

For Arnaldo and Hector Rivera, graduation from UMass Lowell was not an option. *It was going to happen.*

The identical twins have spent their lives fending off the effects of Lupus. They were, for a period, homeless. With little direction, they made poor choices. With steely determination, the Riveras steered toward education. It made all the difference.

Last May, each 28 years old, they walked across the Tsongas Center stage, cited as Outstanding Graduates of the class of 2015. With degrees in psychology, they became the first in their family to graduate from college.

They did it to prove that their disease can't beat them, that fates can be flipped. They did for their sisters. They did it for their mom.

"Oh, those boys," Luz Sanchez, their mother, says through tears. "They have been through a lot. There are times I wish I wasn't so hard on them, so strict. I was tough on them. But they are the sort who don't understand if you don't live it."

She would do anything for her kids. In September, she gave her ailing oldest child, Cyndia, a kidney.

Today, the Riveras are graduate Fellows, on a two-year quest for master's degrees in educational administration with a higher education focus. Arnaldo is the operations manager of University Crossing, while Hector works for the Office of Student Activities & Leadership.

They are driven to make the most of their situations. When the Riveras spent the fall 2014 semester in the study abroad program in Barcelona, they taught English to pay their way.

They worked like devils to get there. Arnaldo delivered pizzas 50 hours a week.

"We had thought study abroad was for students with means greater than ours," says Arnaldo. But the people at the university told them it was possible.

"It was beautiful," says Hector. "We shared an apartment with two German students. I mean, *Spain*."

Donning backpacks, they made it to Paris. To London.

The twins are "a great example of students who maximize their international opportunity," says Fern McKinnon, director of the Office of Study Abroad and International Experiences. "They utilized our services to select an enriching program, worked to ensure financial aid would apply by earning academic credit

for the experience, and took advantage of the networks and activities offered to them on site."

"That's why we love this university," says Arnaldo. "They make things possible."

◆ ◆ ◆

Arnaldo arrived first, on Feb. 15, 1987. Then, six minutes later, came Hector. Their mother, Luz, was 15. She already had one daughter at home. Another girl would eventually follow the boys.

They were born in Puerto Rico. They moved to the East Coast at age 3 when their mother fled their abusive father. He followed. They returned to Puerto Rico. He followed. They returned to the mainland for a second time.

The twins don't know much of their father other than he had eight children. And that he was violent, according to Hector.

"He was a tyrant. Abusive. When my mother was pregnant with our sister, he punched her in the face."

The family settled in Jamaica Plain. Arnaldo says there was a rough period when they were living in a shelter. They eventually moved to Methuen, where the twins graduated high school in 2005.

Their health struggles revolve around the autoimmune disease Lupus, which causes the body to attack its own healthy tissue. Chemotherapy is sometimes used to slow the disease. The twins were diagnosed when they were 7, and while Arnaldo is in remission, Hector is not. Their older sister also has the disease.

Lupus and a blood disorder the boys share made it nearly impossible for their mother to hold a job.

"They would call during work all the time from the doctor's office or the hospital," she says. "It would be, the blood work is back and it's not right. You have to come down here. So that was really hard."

She eventually remarried and has worked at as many as three jobs to keep her family afloat.

And then a pulmonary embolism nearly killed Hector when he was 12. "I remember feeling like I was breathing through a straw," he says.

"We are sorry," the doctors told his mother, "but we don't think your son is going to make it."

Pray, they said. Pray for a miracle.

"There were so many people in the room," Hector says. "Friends, relatives. My mom was crying next to my bed. Everybody prayed."

Continued

"You learn to live everyday. You don't sweat the small things. We've both been close to death, both had kidneys that failed. It could have gone either way many times."



The twins with their mother, Luz Sanchez, in Puerto Rico, where they were born and in Paris (top) during their study abroad semester.

“Sometimes, it feels like my whole childhood was in Children’s Hospital. And because we are twins, we work perfectly for studies about Lupus.”

Just in case, the doctors shot him full of blood thinner, hoping to dissolve the clot. It worked.

Luz Sanchez prefers to think of it as a moment of divine intervention that forever cemented her faith.

Death has winked at both twins. They are no strangers to hospitals.

“Sometimes,” says Arnaldo, “it feels like my whole childhood was in Children’s Hospital. And because we are twins, we work perfectly for studies about Lupus.”

“We became guinea pigs,” adds Hector. “Every time I’d go into a room for the doctor to see me, there’s a team of 10 people. Students, people doing residencies, all crammed into the room.”

Hector says he’s been hospitalized more than 50 times.

“You know,” he says, “with these experiences, you learn to just live every day. You don’t sweat the small things. We’ve both been close to death, both had kidneys that failed. It could have gone either way many times.”

◆ ◆ ◆

Arnaldo and Hector first enrolled at UMass Lowell in 2005, the fall after high school graduation. The revolving door of hospital visits and stays was too much. Arnaldo left after renal failure. Hector left, too.

They retreated to the streets of Lawrence, couch-surfing with friends.

“We were hanging out with some not-very-good people, doing stupid things,” says Arnaldo. “We were on the streets. There were car thieves. We used bad language all the time. We looked like the people we ran with.”

He says they “could have done jail time” for some of the things they did.

“We were in a tug of war with the streets,” says Hector. “We were trying to find our identity and develop. And one day we just said, this isn’t us. We’re better than this.”

They found their way to Northern Essex Community College in 2007, eventually earning their associate’s degrees in psychology.

“I had been in better health,” says Hector. But when they began the fall semester at UMass Lowell in 2013,

FEATURE STORY

Lupus attacked Hector’s body. He had pneumonia and liver failure.

“There was so much momentum. I had been dreaming of UMass Lowell, and I had my life back together. Then, my health just ... went off the tracks.”

But he didn’t quit. Arnaldo lugged his laptop up to Holy Family Hospital and they studied and read together.

“I felt like crap,” says Hector. “I spent half that semester in the hospital. But my brother helped and I kept in touch with my teachers.”

It wasn’t easy attending class with arms bruised from IVs. It was uncomfortable being bloated from the drug Prednisone.

He finished the semester with a 3.75 GPA.

Starting in 2014, Hector and Arnaldo began volunteering at the Boys & Girls Club in Lawrence.

“Once or twice a week we’d work as volunteer homework tutors,” says Arnaldo. “And I was overwhelmed at the needs these kids had. There were times no mom or dad were home because of one circumstance or another. They had no role models.”

“These children were bright, innocent,” adds Hector. “But they faced limitations.”

When the Riveras heard about UMass Lowell’s DifferenceMaker Idea Challenge competition, they carved out a strategy to design a high school homework center for low income students in Lawrence. (Lately, the twins have been re-tooling their idea, plotting a homework center for younger students, “to get them when they’re younger and forming good habits,” says Hector.)

The idea won them honorable mention and \$1,500 in the spring competition.

Their leadership skills blossomed during a study group they formed for their Statistics-Research II class. The twins toiled to understand the complex material, then shared their knowledge. They would leave O’Leary Library at 2 a.m.

“We were kind of the leaders,” says Hector. “Eventually, people didn’t show up unless we were the ones presenting. There were two classes. We were in the second but people from the first class started showing up, too. We had to barter our way to getting a bigger room.”

He pauses.

“It was as though we had to win. We were like a group of soldiers and we emerged victorious.”

Life is all about fighting the battle right in front of you, they say. “We get excited preparing to overcome things,” says Arnaldo.

Next on their lists: doctoral degrees and careers in education.

“I would like to be a dean one day,” Hector says. “I want help first-generation college students like me succeed.” ■

Alumni Life

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Credit: Lauren Owens for The Patriot Ledger

TRUE TO HER SCHOOL

As students chanted her name, social studies teacher Michelle Ryan ’06, ’08 (center) got the surprise of her life on Nov. 13 when she received the prestigious Milken Educator Award and a \$25,000 check during a schoolwide assembly at Randolph High School. The ceremony was attended by town and state officials, including state Education Secretary James Peyser. Ryan is the only Massachusetts recipient in 2015-16 and one of up to 40 recipients across the country this school year. The Milken organization applauded Ryan for regularly turning struggling students into star performers. The Randolph High School student body has awarded her “most entertaining teacher” and “most inspiring teacher” for the past four years running. Ryan, who grew up in Dorchester, received a bachelor’s degree in history and a master’s degree in education at UMass Lowell, and is pursuing a graduate degree in education policy.

In June, **Tom Garvey '54** and **Nancy Geary Garvey '55** celebrated the 60th anniversary of their graduation from Lowell Tech and of their wedding. Both chemistry majors, they have fond memories of lectures in Southwick Hall and chemistry card quizzes at 8 a.m., as well as the Players, Phi Psi fraternity, WJUL and the Pickout. Nancy worked in the library while in school and Tom for the Research Foundation, which served both well in their post-graduate careers at DuPont.



FATHER KNOWS BEST.

In November, 23-year-old Chicago Cubs third baseman Kris Bryant was named the 2015 National League Rookie of the Year. A few months earlier, his father, Mike Bryant—a former UMass Lowell baseball standout—pitched to Kris during the Home Run Derby. The elder Bryant—who was drafted as an outfielder by the Red Sox in the ninth round of the 1980 draft and went on to play two seasons in the minor leagues—says he’s a better teacher than hitter. Mike began working with Kris on his hitting every day starting when his son was 5. He also trained Joey Gallo, a top prospect for the Texas Rangers, in the indoor batting cage at his home in Las Vegas.

1958
Robert Munroe has been enjoying travel and photography.

1963
Judith Wilhelmy was appointed a justice of the peace by the governor of New Hampshire and has officiated at many weddings and vow renewals. She is presently serving as president of the New Hampshire Justice of the Peace Association.

1964

George Perrone and his son **Alexander**, a senior at Bates College, have enjoyed travel-

ling to Russia, Spain, Finland and Italy. They returned to Italy this summer to visit Tuscany, Venice, Rome and relatives in Matera, studying history and Italian cuisine.



1965

Dennis Serpone is president of the Singles Vacation Club and NESingles-Cruises.com, which host four trips annually to Italy, Ireland and the Caribbean Islands.

1966
William Casey, Robert Dupre, Alan Ferguson and Paul Marshall, all of whom graduated from the Lowell Tech Plastics Technology Department, regularly hold reunions at interesting places where one of them acts as tour guide. The group is pictured here at Fort Ticonderoga (from left, Paul Marshall, Bill Casey, Bob Dupre and Al Ferguson).


1969

Craig F. Passe is co-founder of Polar Materials, Inc., a gas phase materials science company doing advanced surface modifications. He also worked in Germany for 13 years doing process and power generation optimization and

for six years in China, working in power generation optimization. Today, he is semi-retired. **Lillian Pearsall** received the 2015 VA Secretary's Award for Nursing Excellence.


1971
Kenneth Classon retired in 2014 after 41 years with Bechtel Power Corp.

1973
James B. Kozik retired this year from the U.S. Forest Service after 38 years of service. Most of his work was in the roads program, the last few years including heavy emphasis on aquatics and repairing road-stream intersections.


1974
Angelos Kokkinos, who was born on the small island of Zakynthos in the Ionian

Sea in western Greece, came to the United States in 1970 to attend what was then called the Lowell Technological Institute. Since earning a bachelor's degree in chemical engineering here in 1974, he has worked for the major suppliers of equipment used to generate electricity and control air pollution produced by burning fossil fuels, primarily coal. He has five U.S. patents. For the past nine years, he has been working as chief technology officer for Babcock Power, a privately held corporation headquartered in Lynnfield, Mass., with offices and plants in South Carolina, Kentucky, Missouri, California and Thailand.

Donald E. Malloy is currently running a security consultancy and is chairman of OATH, the Initiative for Open Authentication. He lives in Anaheim Hills, Orange County, with his wife, three daughters and five grandchildren.

1975

Jim LePage is the technical and business development manager at AkzoNobel in Chicago.

Along with his team, he received the EPA Safer Choice Award, which recognized AkzoNobel for its strong external communications and stakeholder involvement efforts, as well as its full-spectrum approach to developing safer chemicals

Leo J. Racicot gave a presentation and participated in a panel discussion on the American writer M.F.K. Fisher at A Feast for the Eyes: Gastronomy & Fine Print symposium in San Francisco in October 2014. His talk, along with rare photos of Mrs. Fisher, was published in the Alimentum Journal's April 2015 issue.

1976
Ona (Oman) Bregman and her husband **Arie '75** recently celebrated their 40th wedding anniversary. Ona is retired from a career managing a performing arts and dance school. She and Arie have traveled throughout Asia and Europe and are enjoying their two granddaughters. They have fond memories of the LTI years.

► CLOSE-UP CLASS OF 1977

Reading the Financial Tea Leaves



In February, as a guest on CNBC, he predicted a sizable increase in U.S. wages. In May, he told Institutional Investor that economic and corporate expansion are “likely to be slower, on average, [than] they’ve been since World War II.” In July, he appeared on a business webinar with the Treasury Department’s chief economist to discuss the direction of the U.S. economy. Just as often, his views and predictions—on stocks, commodities, foreign trade, the U.S. dollar—have been aired in Barron’s, The Wall Street Journal, Market Watch, the Washington Post and a host of other forums.

Edward Keon Jr. '77 is managing director at QMA, a New Jersey-based investment manager, owned by Prudential Financial, with more than \$117 billion under management. The company invests across a range of asset classes for public and corporate pension funds, endowments and foundations, as well as retail product annuities and mutual funds.

“Stocks, bonds, real estate, commodities, whatever seems right for a particular client at that particular time,” says Keon. “The best return per unit of risk—that’s our goal.”

With expertise across such a range of investment vehicles, it’s no surprise that his views would be sought. What’s interesting, though, is how heavily, and how cannily, he draws on history and demographics to support them. In explaining, for instance, why he feels the economy is headed for a slowdown, he points out how the twin effects of the tide of women joining the workforce over the last half-century, coupled with the population surge brought on by the Baby Boom generation, created an unsustainable economic surge—the end of which we’re now seeing. Similarly, he explains the recent decline of interest rates on fixed-income securities (“Three [percent] is the new six,” he likes to say) at least in part by noting that the graying of the population has led in turn to a rising, largely un-meetable demand for low-risk investments—which “helps drive fixed-income prices up and yields down.”

He came to the world of finance through something of a round-about route. As a student at Ulowell in the mid-’70s (he is a native of the city), his major was industrial management: “kind of a cross between management and business,” he says. And even the MBA he earned two years later at MIT’s Sloan School of Management could have taken him down any number of paths. Indeed for several years after that, he says, he made his living in marketing and sales.

But crunching numbers was clearly in his blood. And he’s been doing it since the early ’90s: first at I/B/E/S International, a global firm that provides earnings-analysis data to financial companies; later at Prudential Securities, and for the last eight years at QMA.

He’s been gone from Lowell a while now, but still has family here, and gets back whenever he can. Visiting his old campus, he says, is a bittersweet experience these days.

“All those shiny new buildings—really spectacular, an incredible transformation,” he says. “I confess, though, I kind of miss the grittiness of the old Lowell Tech.” —GD

1976



Edward Yang is an adjunct professor of management at Chinese University of Hong Kong. He published a book, “Confucius Says ... There Are No Fortune Cookies in China,” a look at Chinese culture, in 2013.

1978



Steve Drumm is regional manager of highway projects throughout the East Coast for KCI Technologies. He is also project manager for a Laurel

Mission trip to West Virginia, leading adults and young adults to help those less fortunate in the mountain area. In addition, he and his wife have devoted their time to Boy Scout Troop 238.

1979

Peter McConney is on his second career as the owner of Premier Mail & Fulfillment, a growing direct mail and fulfillment company in Cincinnati, after retiring from a successful 28-year career as a U.S. Treasury Agent.

1981

Anna Lewicke (Pizzolato) has been performing voice-overs and narrations for more than 25 years; her clients include the Smithsonian Institution, NASA, Annenberg Media and Harvard Medical School, among many others. In 2005, she replaced Walter Cronkite as narrator of an exhibit at the Harvard Museum of Natural History.

1985

Abdullah Baysak is president of Terbay Makina Endustri ve Ticaret A.S., a family business that was established in 1954 in Izmir, Turkey. The company produces welded and machined steel parts for heavy road maintenance.

1986

Edward Harrington and Francesca Tine Harrington met at a party in Fox Hall in 1983 and went to Spring Carnival together. They married after graduating, raised two children and will celebrate their 30th wedding anniversary next year.

1987

Arthur Rubin says he is “reading himself” for retirement. “The best is yet to come; couldn’t have done it without UMass Lowell,” he says. Arthur would like to thank all of his talented and patient professors, to whom he owes so much.

Continued on Page 45



SISTERHOOD

Alpha Omega sorority sisters past and present turned out to support Roseann Sdoia '91, front center, as she spoke on campus about surviving the Boston Marathon bombing for the Manning School of Business's new Women in Business Speaker Series in November. Sdoia was invited to speak by sorority sister Lisa Armstrong '89, front left, coordinator of student success for the Manning School. “At some point you may face adversity and you need to understand you will find the strength to move on and to be unstoppable, just as I did,” said Sdoia, who lost her right leg in the bombing.

► CLOSE-UP CLASS OF 1986

All About That Bass



PAWEL IZDEBSKI came to the University of Lowell to play tennis.

By the time he graduated with a bachelor's degree in voice performance, he had left the tennis courts behind—but his opera career has landed him on some of the best-known stages around the world.

The singer returned to campus recently to offer some perspective,

leading two days of master classes for music performance students. He put about two dozen students from lecturer Joshua Millard's performance class in tune with the life of a working musician.

"I came here on a tennis scholarship," he told students. "Four hours a day, practice. Rain or shine. It is the same thing with the performing arts."

Izdebski moved from his native Poland to the U.S. with his family when he was 15. He graduated from Framingham High School.

After he finished his music education and launched his career, his deep bass carried him to venues around the world and to performances with some of the leading names in the music business: Zubin Mehta, Luciano Pavarotti and Placido Domingo.

Izdebski volunteered to come back to campus and work with students, says Julie Nash, associate dean for the College of Fine Arts, Humanities and Social Sciences. He contacted the alumni relations office last spring to express his interest.

"He's one of those wonderful alumni who says, 'I've had this incredible career and it all started for me at UMass Lowell. So is there anything I can do to give back?'" she says.

Izdebski is working with the college to create a summer program that takes students abroad to study and perform in Germany, where he now lives with his wife and two children. He also hopes to work with the Music and Sound Recording Technology departments to present a concert and make a new recording here.—DP



Continued from Page 43

1991

Luis Colon is dean of the Graduate School at SUNY-Buffalo and was recently selected by President Barack Obama as an Outstanding Mentor in Science. The Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring is awarded by the White House to individuals and organizations to recognize the crucial role that mentoring plays in the academic and personal development of students studying science and engineering.

1992



Peter G. Furlong co-produced a concert with his wife, soprano Julia Wyma, called

"Lovers' Quarrels: Arias and Duets from the Dysfunctional World of Opera," which the duo performed in Concord, NH. In addition, Peter sang his first Max in Der Freischütz at Kloster Chorin (Chorin Cloister) in Berlin in June and co-produced a second concert, "Three Tenors and a Soprano in July," as part of the Summer Music Associates concerts in New London, NH. Peter is also a founding member of Voci Inglesi, a group of Berlin opera singers who aim to bring high-quality, English-language opera and art song to European audiences.

1993



Dennis E. Murphy and his wife, Kerri, welcomed twin girls, Ava and Riley, on Nov. 3, 2013.

1994

Jennifer Demby served on the 1996 U.S. Handball Olympic Team and was a gold medalist in the 1995 Pan Am games.

1995



Paul Botto moved back to Massachusetts with his wife and their three children after spending 12 years in California, working in the high tech field. He is now working on a new startup.

1996

Donna M. Mills was featured in "A Game of Their Own" by Jennifer Ring, released in April 2015. In it, she talks about her softball career at UMass Lowell and as a professional.

Anthony Pittman is acting dean of the College of Education at Kean University, New Jersey. He received an M.Ed. in curriculum and instruction.



Gary R. Bouthillier is director of aviation for Lockwood, Andrews & Newnam, Inc.,

where he is responsible for providing business development support and directing the firm's aviation projects throughout the U.S. He previously led Jacobs Engineering's Fort Worth aviation group and served as program manager for W.K. Dickson & Co., Inc.'s aviation department in Charlotte. Gary received a bachelor's degree in civil engineering here and is a registered professional engineer in many states, including Texas, Florida and New Hampshire. He also has a six sigma green belt certification.

Continued on Page 49



► CLOSE-UP CLASS OF 1994

'TRULY A GAME CHANGER': MATCHMAKING IN THE DIGITAL WORKPLACE

Let's say you're a small business, a start-up in serious need of some strong online marketing—but you have a shoestring budget and don't know where to look. Or maybe you're a freelance web designer in search of a project, or part of a marketing team that lacks the single skill that will get you that big account. Or possibly you're just lonely: a digital whiz with no other whizzes to talk to and nowhere to show off your skills.



You're not alone, says Tracey Greene '94.

Greene, a graduate in graphic design, has been teaching web design here for the past 15 years as an adjunct professor. But these days, more than anything else, she stays busy making matches.

Two years ago, a colleague she had worked with at a Brookline digital marketing firm left the company to strike out on his own, then couldn't find the online help he needed. The two got to talking: "And he said to me, 'This is crazy—what are you supposed to do when you're on your own, you reach out for someone with some different skill-set to help finish a project, and there's just no good place to find them?'"

There are online sites you can go to, says Greene, "but everyone out there is in a race to the bottom [of prices], and there's no real way to know who's good and who's not. And if you're on the other end of things, it kind of diminishes what you do. It's just too easy to take advantage."

The two talked some more, then threw some ideas around. The result was a new company: Digaboom, which might best be defined as a Match.com for the digital workplace, with offices in Warrancit Mills.

"The basic idea is to allow people to find one another," says Greene. "If you're a freelancer or contractor, it opens up a whole new network of opportunities. If you're a company, it allows you to find the right people for the right job, all of the time."

The match-ups themselves, at least for now, are being done manually, with Digaboom employees—Greene, co-founder Brian Bolton and a handful of others, including several interns drawn from among Greene's UMass Lowell students—pairing the workers' skills with the needs of the companies listed on the site. The software to manage this online, says Greene, will be in place within a year. A few dozen matches have been completed so far, with more underway.

"I think what we're doing here is something that's truly a game changer for the way people work," she says. "The goal is to help digital workers do their jobs and earn their living in a whole different way."—GD

THE COUNTER-TERRORIST:

THE ATTACKER HAS THE ADVANTAGE—BUT *DOESN'T* HAVE TO WIN, SAYS ALUMNUS

How do you counter the narrative that's drawing all these young people to ISIS?

How do you find the bad guy in a sea of people?

Was there something you could have spotted about those two brothers, before the bombings, that didn't seem quite right?

These are the sorts of questions that drive the workday of Roger Cressey '87. There are no sure answers to any of them. But if there are answers to be had anywhere, he is certain at least of where to begin looking.



"Education is the foundation," he says. "Educating people. That's where it's got to start."

Whether you're talking about a suicide bomber, a cyber terrorist or a mentally ill misfit with a grudge, "an informed people is always the first line of protection," says Cressey, today a partner in an Arlington, Va., private risk-management firm and a frequent

on-air analyst on the Today Show, NBC Nightly News, CNBC and elsewhere. Before his turn to the private sector, he served as a counterterrorism adviser to both the Clinton and George W. Bush White Houses.

In the case of ISIS's online recruitment of Western youth, he says: "We've got to counter the message they're putting out there, the romantic allure of joining the group. We've got to show them how that's not real—show them the examples of kids who got [seduced], went over there and came back, and reported how horrible and vicious it was. That's our challenge: to come up with a counter-narrative, an ongoing message online: that this is the wrong way to go."

When it comes to lone-wolf attackers like the Tsarnaev brothers, says Cressey, the best defense, again, is education—this time in the form of people talking to people:

"I think of it as community-based policing—family members, community members, local religious leaders, all working with law enforcement at the neighborhood level to isolate these guys, to separate the wheat from the chaff."

Cressey, originally from Gloucester, was drawn to ULowell in the mid-1980s because of its reputation as a Division II power in track and field (his specialty was the half-mile), but

was soon drawn away from the track, he says, by his growing interest in international relations—"which in those days usually meant U.S.-Soviet relations"—especially as taught by Prof. (today Prof. Emeritus) Dean Bergeron. "Plus, I wasn't all that good in the half-mile."

He left ULowell in 1987 with a bachelor's degree in political science. By then, with the Soviet influence waning, Cressey's focus had shifted to national security. By the time he'd earned his master's in security policy studies at George Washington University in 1991, the era of state-sponsored terrorism was underway.

A job with the Department of State, then Defense, would soon follow. In November 1999 he was appointed as deputy for counterterrorism on the National Security Council staff. From there, he was responsible for coordinating U.S. counterterrorism policy, which would soon include responses to attacks on the USS Cole in October 2000 and the World Trade Center eleven months later.

Today, as a partner with Liberty Group Ventures LLC, which manages risk for private clients, his focus has had to widen yet again.

"A lot of the work we do today is in cyber risk. It's a growing threat, and it's not going to go away anytime soon. As we grow more dependent on the Web, and as everything becomes more interconnected—companies, cars, appliances, the so-called Internet of Everything—and life becomes ever more convenient, it also becomes more dangerous. Because the more stuff we're connected to, the more vulnerable we're going to be."

Anytime you look at a data breach and trace it backward to its source, he says—whether of individuals, private companies like Target or Anthem, or the U.S. military—"there's always a human element involved, always human behavior at the root." Much of the time, he claims, it comes down to someone not abiding by the simplest of tenets: "Assume nothing is truly secure when you're out in cyber space."

You're not going to eliminate the threat, he says—"breaches are going to happen"—so the best you can do is to try to manage it, to develop a plan in advance to minimize the impact.

"That's a lot of what we try to do: apply the same principles we used in government to the private-sector firms we work with—to help educate, train and develop policy around technology..."

"Because terrorism is continually evolving. All we can really do is to try to stay a step ahead." ■



► CLOSE-UP CLASS OF 1990 and 1999

Foundations of Knowledge

Two engineering alumni return to campus to work on Pulichino Tong Building

The dark blue cover has worn over the past 16 years and many pages are flagged with neon Post-Its, but the structural steel design textbook is just as useful today to Bill Traill '99 (left in photo) as it was during his days as a civil engineering student in the Francis College of Engineering.

In fact, as project superintendent for Lee Kennedy Co., the construction company building the \$45 million Pulichino Tong Business Building on North Campus, Traill keeps the old textbook handy.

"I still use it all the time, sometimes for things I need to know and other times just for curiosity," says Traill, who also still refers to his reinforced concrete design textbook. "A lot of what I learned as a student here—just having the knowledge of civil engineering and foundation design—lends itself to my work today. I got a fantastic education here."

Traill isn't the only engineering alum working on the future home of the Manning School of Business. Jay Fredette '90 (right) is also back at his alma mater as job superintendent for S&F Concrete Contractors.

"I love being back," says Fredette, who earned his degree in industrial technology from the University of Lowell. "The place has grown so much. It's awesome to see it really expanding."

While Pulichino Tong is Traill's first project on campus, Fredette also worked on the North Campus parking garage. Other concrete projects during his 20-year career with S&F include Gillette Stadium and Patriot Place.

"It's nice to be able to show your kids what you built," says Fredette, who expects to be working on Pulichino Tong until February 2016 before heading out to UMass Amherst for a four-year job. "It's a big one. I'll live out there during the week and then come home (to Hudson, Mass.) on the weekend."

Traill, who manages a crew that fluctuates between 20 and 100 workers, expects to be working on the 54,000-square-foot Pulichino Tong Building until March 2017, keeping it on target for a fall 2017 grand opening. —EB



Continued from Page 45

1998



Michael Madigan is a professor at Central Texas College and master instructor for the U.S.

Department of Homeland Security.

1999



Hany M. Idreis '99, '05 provides assistance and full support in academic teaching, research

and curriculum development relevant to work environment policy and is always looking to keep connections with fellow classmates.



Michael Mahlert, of Thompson, Conn., was recently promoted to executive

vice president at Hometown Bank in Oxford. He has management responsibility for commercial and residential lending, including sales, service, credit, administration, collections and workout. He is also a top loan producer at the bank.

2000

Anthony Gasbarro recently visited campus to catch up with former professors. He wishes to thank all the faculty and staff who helped him throughout his four years at the university.

2002

Chad Branon '02 and Staci Potyrala Branon '01 met at Costello Gym; Staci was a volleyball player and Chad a baseball player. Chad is owner of his own engineering company, Fieldstone Land Consultants, in Milford, NH. Staci is a social worker at

Recording engineer **Mark Donahue** '07 scored a hat trick in early December, when he earned three nods in the 2016 Grammy nominations. The Sound Recording Technology graduate will compete in the Best Engineered Album, Classical, Best Orchestral and Chorale Performance categories when the awards are announced Feb. 15.



this spring and become an adult-gerontological nurse practitioner.

2007

Patrick W. McNeil married Melissa, a graduate of UMass Dartmouth, on Sept. 18, 2015.

Luis Eduardo Jaimes Reatiga is the coordinator of the Pilot Plant Laboratory at Universidad Autonoma Bucaramanga, El Jardin campus, and currently attends Texas A&M University-Texarkana.



Charles J. LeBlanc '02, '08 and his wife welcomed their first child, Keegan George Reilly LeBlanc, on Nov. 8, 2014.

2003

Dermot Quinn was recently promoted to lieutenant colonel of the Massachusetts State Police. He oversees investigative services, which is composed of approximately 600 detectives.

2005

Jeff Belair has been promoted to partner at EKS & H, a certified public accounting firm.

Kristopher Langan, a real estate sales professional in Baldwinville, has joined the Keller Williams North Central Market Center in Leominster.

2006

Lisa Tylus is on track to earn a master's degree from UMass Lowell's School of Nursing

2008



Lauren Dalis is assistant vice president and store manager of the Groveland TD Bank. She

joined TD Bank in 2005 as a customer service representative, later serving as a branch supervisor and head teller before moving to North Andover to serve as store supervisor. A Methuen resident, Lauren is a member of the National Society of the Daughters of the American Revolution and serves as the Massachusetts DAR state representative for National Junior Membership.

2010



Matthew Beyranevand '03, '10, who received a doctorate in mathematics and science education, is the coordinator of K-12 mathematics in the Chelmsford Public Schools. He launched a successful "Math with Matthew" program on local cable television, which engages students and informs parents.

2011

Dave Koffman and Loredana Caruso '10 became engaged in Napa Valley, Calif., with plans to marry in June 2016.

Lindsey Recka is head of Children's and Young Adult Services at the Topsfield Town Library.

2012

Pallavi Doradla '12, '15 is a postdoctoral research associate at Harvard Medical School.

After receiving a doctorate in Leadership in Schooling from the Graduate School of Education, **Andrea Somoza-Norton** '12 was appointed to a tenure track faculty position at California Polytechnic State University.

She writes, "There is research to be done and papers to write, but I know that Prof. Carifio is just one call away if I ever need to consult with him. I am fortunate to have had and continue to have him as my mentor."

Richard Howarth received a doctorate in mathematics and science education and was recently named as Worcester Public Schools Teacher of the Year. He also recently organized a TED event.

Jay Lang is superintendent of Chelmsford Public Schools. He received his doctorate in Leadership in Schooling.

Justin Miller joined The Adam Hergenrother Team at KW Vermont, a real estate firm headquartered in Colchester, Vt., as a buyer specialist. Justin ventured into the world of real estate in June 2015 after beginning his career in retail and finance.

2013



Ryan K. Green became owner and vice president of RS Fireworks, LLC, in July 2014, and was selected as warrant officer pilot candidate for N.H. Army National Guard in October 2014.

Continued on Page 51

► CLOSE-UP CLASS OF 1991

BY DAVID PERRY

A Man of Beer and Chips

One UMass Lowell alumnus straddles the seemingly disparate worlds of computer chips and craft beer.

Tom Clark '91 is president and CEO of Santa Clara Valley Brewing, a San Jose-based craft brewer drawing raves for its Peralta Porter, Electric Power India Pale Ale and Imperial Red Ale.

Santa Clara Valley Brewing is one of 431 craft breweries in the state, which has more than anywhere in the nation, according to the U.S. National Brewer's Association. California is also first in economic impact, with its brewers rendering 3.4 million barrels per year.

Clark, who manages an engineering team at Apple when he's not at the brewery, began to appreciate the brewing process during his time at the University of Lowell.

"I worked in computer services when I was a student, which was based in Wannalancit," he says. "And, of course, the beer works was right next door. Like any college student, I had a healthy appreciation for beer. But I also loved the process. The craft craze was just starting and there are just so many ways to make beer."

What led him to Lowell was more ominous. At 20, the Connecticut resident was involved in a diving accident that left him permanently confined to a wheelchair. During his lengthy rehabilitation period, Clark visited his girlfriend in Boston, and liked the area.

"When I wanted to go back to school, Massachusetts offered me the best assistance," he says. "And what was called University of Lowell at the time was a great place to go to study computers. I'd had a lot of time after the accident. It wasn't like I was out riding a bike. So I had an Apple IIE and loved it. I was always a little technical. And if you're going to make a living in something non-physical, you need to know your interests."

Clark completed the University of Lowell computer science program in three and a half years. "The education I got had an amazing depth and breadth," he says.

Apple called in December 1990. By the time he would have attended the graduation ceremony, he was settled into a job in software configuration and management at Apple's Cupertino, Calif., offices.

He's been with the company save for 2000-2004, when he left to help an old friend with a startup. In the late '90s, his team designed the USB software for the iMac.

"That was a big responsibility and a really exciting time," says Clark.

Clark's love of beer never faded, and that Boston girlfriend (long since his wife, Colleen), bought him a home brewer's kit two decades ago. He kept brewing.

"I guess over 20 years, you get a little better at it," he says.

He met Steve Donohue, an area brew master with four consecutive Great American Beer Festival medals under his belt. They clicked like fine malt and hops, and by December 2012, they'd leased space to house the business. By the following April, they'd begun to brew their inaugural IPA.

Now, they serve nine beers in their taproom in downtown San Jose and package and sell six beers in stores. Including his wife, the COO, there are five employees.

California's drought hasn't affected the brewery, says Clark.

"No, people have been respecting the warnings to use less water. Just voluntarily, usage is down 30 percent. So things have been flowing right along." ■



Santa Clara Valley Brewing CEO Tom Clark '91, left, and brew master Steve Donohue at the brewery, where Clark hosted a UMass Lowell alumni event this past summer.



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Stephen Kellett is a practicing physical therapist at Milford Regional Medical Center Outpatient Rehab in Franklin, Mass. The evidence-based approach gained at UMass Lowell has made him the go-to guy for up-to-date best practices, providing him with a rewarding career which has enabled him to help patients return to activities they need and want to do.

2014

Peter Shaffery is working toward a doctorate in applied mathematics at the University of Colorado Boulder.

Venkateswaran Srinivasan has been a graduate student of physics since 2008. He completed the coursework requirements for a Ph.D. and defended a master's thesis titled



Density Functional Theory Based Study of Polythiophenes in Summer, 2014. He completed the baccalaureate of technology in electrical engineering from Indian Institute of Technology, Kanpur, and has worked on a number of technology projects.

2015

Andrea Byrne was recently selected by Citizens Bank for its year-long Commercial Banker Development Program, which gives recent college graduates learning opportunities to start their banking careers with a leading financial institution.



Kaitlyn Carcia began work at Demandware in July 2015.

In September, the Woburn School Committee appointed Matthew T. Crowley as assistant superintendent for curriculum of the Woburn Public School Department. Crowley is currently one of

four headmasters at Brockton High School, the largest public school in Massachusetts.

Katherine Covino-Poutasse is an assistant professor at Fitchburg State University. She will be working under the direction of another alumnus, Annette Sullivan '07, dean of education at FSU, and with two other GSE alumni, Nancy Murray '09 and Joann Nichols '10.

Michelle Giglio, of Newburyport, recently joined the audit staff at accounting firm Sullivan Bille, P.C., where she's been for four years, beginning as a co-op student in the tax and audit departments. She is working toward a master's degree at the university. ■

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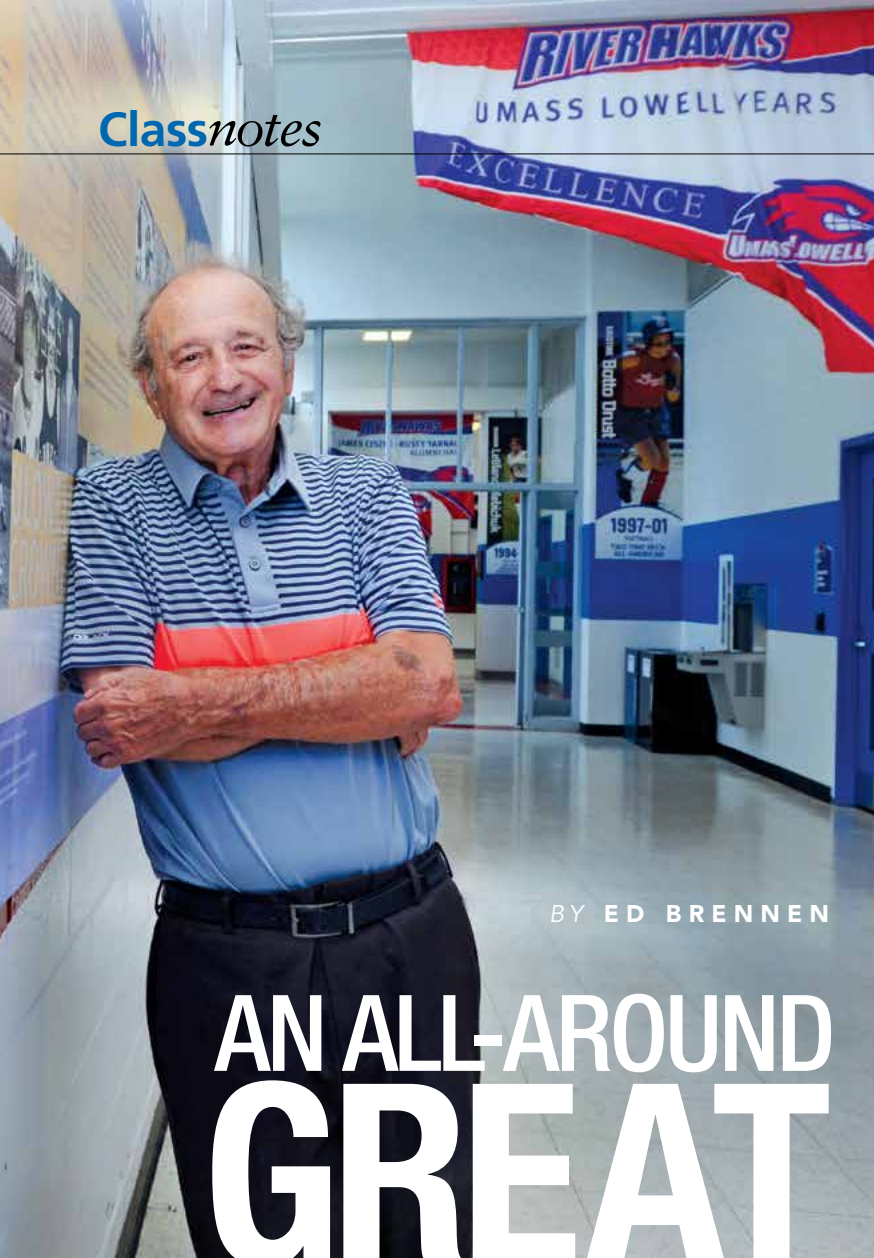
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IS THE BLUE IN YOU?



BY ED BRENNEN

AN ALL-AROUND GREAT

Legendary gymnastics coach Richard Aronson returns to his roots

Richard Aronson hadn't been back on campus in almost 25 years, and it looks so different today that he almost got lost on his way to Costello Athletic Center—the place where he spent nearly two decades building one of the top Division II men's gymnastics programs in the country.

"We didn't have many new buildings when I was here," says Aronson, who wore the hats of coach, athletic director, phys ed teacher and professor at various points from 1967 to 1990, "but now I don't recognize the place. It's gotten really big. This is wonderful."

Inside Costello's main hall on a sweltering summer morning, Aronson and his wife of exactly 58 years and one day, Ruth, scan the trophy cases, looking for familiar names and faces from his coaching days with Lowell Tech and the University of Lowell.

"There's John Alberghini," Aronson exclaims, pointing to a 1979 photo of his NCAA Div. II national champion on the parallel bars.

"And Scott Williams," Ruth says, spotting the university's first gymnastics All-American who placed fifth on the pommel horse at the 1978 national championships.

For the 84-year-old Aronson, this stroll down memory hall with Ruth was the perfect way to reconnect with an athletic department—and school—that meant so much to them for so many years.

"I had a great experience here, and I'd do it all over again," says Aronson, who now lives in Newton. "The school was wonderful."

A native of Springfield, Mass., Aronson's love of gymnastics began 70 years ago at Riverside Military Academy in Gainesville, Ga., where he walked into the gym and saw his first pommel horse. Aronson's accomplished gymnastics career at Springfield College, sandwiched around four years of Air Force service during the Korean War, culminated in a trip to the 1957 NCAA championships.

In 1966, Aronson landed an assistant professor position at Central Washington State College, so he and Ruth moved out west with their two young sons, Michael and Jeff. A year later, Aronson received a letter from Lowell Tech athletic director Ray Sparks asking if he'd be interested in returning to Massachusetts to coach soccer and start the school's track and gymnastics programs. He got the job and was on campus in the fall of '67 — the same year Costello opened.

Aronson soon narrowed his coaching focus to strictly gymnastics, although he did serve one year as athletic director in 1974 before Lowell Tech's merger with Lowell State. "I fired everyone," Aronson jokes as he tours the office space where he used to work, drawing laughs from a few present-day staffers.

While developing several All-American gymnasts at ULowell, Aronson also became heavily involved with judging the sport at the international level. He was one of two American judges at the 1981 World Championships in Moscow, which came cold on the heels of the United States' boycott of the 1980 Olympics. ("Big Brother was always watching you," Aronson recalls.)

Aronson was a judge at the 1984 Los Angeles Olympics and led the judges onto the floor at the 1996 Games in Atlanta, where he was chief scorer for the rings competition. In 1986, Aronson was one of six educators chosen by the U.S. Olympic Committee to attend the 25th anniversary of the International Olympic Academy in Athens, Greece. "That was one of the nicest things that happened to me when I was at Lowell," says Aronson, who was inducted in the USA Gymnastics Hall of Fame in 1983.

After earning his doctorate in education from Boston University in 1982, Aronson began teaching three classes at ULowell: Sports Psychology, History of the Olympic Games and Sport in America. "The classes were packed. I really enjoyed the academic side," says Aronson, who stepped down from coaching in 1985 and retired as professor emeritus in 1990.

While retirement has given him "time to play golf and enjoy life," Aronson remains entwined with gymnastics, serving as executive director of the College Gymnastics Association since 1994. With participation in men's gymnastics plummeting at the collegiate level (Aronson says there were 221 teams nationwide in 1971 versus just 16 today), he lobbied the NCAA in 1997 to protect the championships for sports that had fallen below the minimum number of sponsoring schools.

"Something had to be done to save non-revenue Olympic sports like wrestling, gymnastics and swimming because they were all getting hit," says Aronson, who promises Ruth he'll retire from the CGA in 2016. "Gymnastics isn't doing too well, but we're still in it, thank goodness."

With Aronson fighting for the sport, you have to like its chances. ■

► CLOSE-UP CLASS OF 2015

A RISING STAR IN RENEWABLE ENERGY ENGINEERING

Maria Mercedes Pereyra Boue '15 is keenly aware of what is happening to the environment as a consequence of our planet's changing climate.

"The global concentration of carbon dioxide in the atmosphere has reached a milestone of 400 parts per million for the first time in recorded history, reminding us about the importance and urgency of developing neutral-carbon technologies," says Pereyra Boue, a renewable energy engineer.

In 2013, she was named a Fulbright Scholar while at UMass Lowell. This past spring, she was awarded a master's degree in energy engineering.

Previously, Pereyra Boue—a native of Buenos Aires, Argentina—worked as a teaching and research assistant at her alma mater, the Universidad Tecnológica Nacional, served as technical adviser to the country's National Congress and completed an internship at Tomas Bata University in Zlin, Czech Republic. She also worked for large global companies like Shell and Skanska.

These days she works as an international applications engineer at Solectria, a manufacturer of grid-connected photovoltaic inverters in Lawrence, Mass., where she assists clients, investors and private solar field owners in incorporating the company's products into their solar projects in Latin America and Asia.

Pereyra Boue credits the strong link between her professors and the Massachusetts solar industry for her success. "I believe this direct interaction with industry—through internships, job offers, lectures by industry leaders and site visits—is what enriched my experience," she says. "UMass Lowell's slogan of graduating 'work-ready' students definitely lives up to that expectation." —EA



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Richard Donahue '91(H):
A Life of Great Richness, a Legacy that will Endure



As a student at Dartmouth College in the late 1940s, Dick Donahue was known, perhaps more than anything else, for his skills of persuasion.

The winner of several oratory contests at that college, he had also enrolled in a “Great Issues” class that was popular among students at the time. During one of these, he faced off against Dartmouth President John Dickey over what was said to be the college’s quota on Jews. “I got mixed up with him on it,” he said later. “I was a great talker.” Dickey, he said, denied that such a quota existed.

“When it came to what he believed was right, it didn’t matter who was on the other side,” says Boston attorney Paul Sugarman of his lifelong friend Richard Donahue ’91 (H), who died early this fall at home in his native Lowell at the age of 88.

Idealistic, unafraid and, with that gift for persuasion, he was a natural for politics. In 1951, just out of BU Law School and with a year in the Navy behind him, he was recruited—in the men’s room, as he would tell the story later—by a young, relatively unknown congressman from Massachusetts, John Fitzgerald Kennedy, as a local ward leader for Kennedy’s fledgling senate campaign. For the 24-year-old Donahue, it was to be a heady time, filled with memorable moments—none more so, he would say later, than when Kennedy, widely besieged over his Catholicism, went on the attack during a primary speech in West Virginia:

“The greatest speech I ever heard him give ... It doesn’t exist [anymore] because in those days they erased the tapes. He said that he was not disqualified from being an American because of his baptism. [He] was magnificent.”

A general election victory the following fall, with 51 percent of the vote, was the beginning of a 12-year friendship that would take both men to the White House—Donahue as a special assistant to the president—and end only with Kennedy’s 1963 assassination. (He’s shown, above, in the Oval Office with the president, wife Nancy and seven of their children.)

Donahue, who had resigned his White House post just a week before to return to his family’s

Lowell law practice, was having lunch at the Yorick Club (today Cobblestone’s restaurant) when the news came over the TV.

“I was lucky to have just resigned,” he told a reporter later. “I had the luxury of weeping by myself and with my family.”

He was long married by then, to Nancy Lawson Donahue, whom he’d met while attending law school. The couple would raise 11 children together, and establish a legacy of art and philanthropy in Lowell and beyond—including the founding of the Merrimack Repertory Theatre, and membership on too many boards and nonprofits to list here—that is certain to endure for generations.

Donahue’s departure from the White House didn’t mark the end of his association with the Kennedy family. In 1980, he took on the leadership role for Teddy Kennedy’s upset win over Jimmy Carter in New York’s Democratic primary; four years later he was a founding board member of the John F. Kennedy Library Foundation, on which he would serve as vice chairman for 29 years; in 1989, he helped launch the prestigious John F. Kennedy Profile in Courage Award, and would serve as first chairman of its award committee.

Ten years ago, after conferring on him the annually bestowed title of Irishman of the Year from the Friends of the Kennedy Library, John Kennedy’s daughter, Caroline, went the title one better:

“Getting to know you has been one of the best ways of learning about [my father], and understanding the meaning of friendship that crosses the generations. I want you to know that, for me, you’re not just Irishman of the Year, you are the Irishman of all time.”

A full listing of Donahue’s résumé would take pages. For four years in the early 1990s, he was president and COO of Nike, on whose board he served for more than 30 years. He is also a former president of the Massachusetts Bar Association and of the New England Bar Association; a cofounder of the Greater Lowell Community Foundation; a former director of the Joyce Foundation in Chicago—where he once served with a young Barack Obama.

From the start, he was a friend to UMass Lowell: for 14 years as a member of its board, the last three as chairman; and later, with his wife, Nancy, as the source behind an endowed professorship, which carries their name today—as does Donahue Hall on East Campus.

“It would be hard to overstate the contributions of Richard Donahue to this university,” says Chancellor Jacquie Moloney. “He has been our long-time supporter, guiding us through times of great change and growth—and over the years, an especially valued adviser to all the chancellors, including myself. We will miss him greatly, and will always be grateful for his leadership and generosity.”—*GD*

IN MEMORIAM

YEAR	NAME	1973	Catherine A. (Stowell) O'Brien
1926	Evelyn G. (Dickinson) Quimby	1973	Janice (Faerber) Sheehy
1931	Anne F. (Dittami) Theroux	1973	Kathleen J. Andries
1934	Thelma F. (Paignon) House	1973	Jan G. Mylott
1935	Marjorie V. (Smith) Jackson	1973	Louise A. Deignan
1935	Lillian M. (Murphy) Callahan	1974	David W. Fagerstrom
1939	Grace E. (Noonan) Scott	1974	Samuel C. Barchus
1939	Margaret A. McCaffrey	1975	George W. Cormier
1940	Barbara O. (Annis) Stevenson	1975	Gerard T. Ross
1941	Margaret R. (Walsh) Leader	1975	John J. McLaughlin
1941	Regina R. (Pimentel) Healey	1975	Paula J. Cote
1941	Marjorie L. (Johnson) Whitney	1975	Edward F. Devine
1941	Mildred (Hickey) Brown	1975	Daniel C. McLemore
1941	Hope F. (Fielding) Lawrence	1975	Mary A. Breault
1942	Jacqueline D. (Leboeuf) Pullatico	1976	Cheryl E. (Lyddy) Curran
1942	Mildred M. (Dineen) Cantillon	1976	William L. Gannon
1944	Mary (Koehler) Mooney	1976	David L. Kooker
1946	Dorothea M. (Dunn) Pike	1976	John J. Alexa
1946	Helen E. (Corbett) Moriarty	1976	P. Douglas Wakeman
1946	Levon Chertavian	1977	Gerard J. Marinari
1948	Lorene (Wilson) Marini	1977	William J. Sapone
1948	Eleanor E. (Foley) Pfister	1977	Robert E. Payne
1948	Virginia (Conway) Partridge	1977	James Limperis
1948	Albert G. Hoyle	1978	Shirley A. (Maginn) Ambrose
1949	Virginia G. (Grady) Guidotti	1978	Edward B. Biliewicz
1949	Philip W. Sugg	1979	Donald L. Guidoboni
1950	Dorothy A. (McCarron) Duggan	1979	Raymond Edward Larochele
1950	Remo J. Laureti	1979	Carol E. Archibald
1951	Priscilla (Ostrander) Teixeira	1980	Rosemary T. Hryniewicz
1951	Ruth (MacPhee) Merrill	1981	Carol R. (Schwarzenberg) Dube
1951	Warren T. Buchanan	1983	Jana L. Griffin-Koehler
1951	Martin I. Finkelstein	1983	Christopher J. Longworth
1951	Alfred E. Guidotti	1983	Brian C. Coke
1951	Toula A. Laganas	1984	Mary Lee (Gallagher) Lafferty
1952	Avra A. (Kevghas) Noonan	1984	John D. Wormald
1952	Edward S. Byrne	1984	Natalie B. Mulrey
1952	Walter N. Thibodeau	1984	Lawrence A. Pickett
1952	Wemyss B. Scott	1985	David H. Mitchell
1952	W.Thomas Hocking	1985	Charles B. Miller
1953	Vasiliki (Zogas) Selvaggio	1986	Kathryn M. Lefebvre
1953	Manuel M. Rocha	1986	Richard L. Schueller
1953	Millouise Barrett	1986	David J. Swierk
1953	G. Campbell Lawrence	1987	James S. Bowen
1954	George S. Abodeely	1988	Peter V. O'Connell
1954	Ronald S. Klonel	1989	Vanessa Y. Adams
1954	Othon J. Mavro	1990	John R. Gardner
1954	Robert E. Bacheider	1990	Gloria C. Muldoon
1955	Janet E. (Gavin) Pelletier	1992	Christine J. (Gay) Doherty
1955	William B. Strzelewicz	1992	Frank J. Paison
1957	Faith L. (Layson) Dion	1993	William Vetrano
1958	Joseph J. Figiel	1994	Augustin F. Lanteigne
1958	Richard A. Labrie	1995	Michael P. Tarasiak
1959	Bruce D. Heald	1995	Nancy M. White
1959	Louis A. Murray	1995	John J. Donohue
1960	Nora H. (Condon) McLaughlin	1997	Christina F. Bochan
1960	Arthur J. Brewster	2000	Janice M. Lacroix
1960	Dana C. Peterson	2002	Marilyn June Masker
1962	Marie Wildes	2004	Vanessa J. Silva
1963	Frances E. (Bauch) Manseau	2004	David Madden
1963	Raymond C. Small	2005	William F. Olbrys
1964	Peter S. Leung	2005	Susan Ann Glenn
1964	Walter Brunner	2006	Joseph F. Gleavy
1965	Martha A. (Dunn) Schindler	2006	Kleanthes Maloutas
1965	Irene E. (Daley) Hennessy	2009	Elizabeth Cruz-Reyes
1965	Domenico J. Guazza	2010	David James Moody
1965	Alan J. Brown	2010	Rita Hadley
1965	Donald C. Beattie	2011	Jeremiah N. Karanja
1966	Patricia A. (Lester) Cronin	2011	Amber Lise Zapatka
1966	Sandra A. (Kavigian) Young	2013	Warren P. Carroll
1966	Donald W. Chase		Jessica Leigh Ouellette
1966	Richard G. Harvey		Anne W. Trenkamp
1966	Robert D. Jordan		George L. Carr
1966	William C. Silvermail		Thomas J. Doran
1967	John W. Walkinshaw		Mary J. Sullivan
1967	Carolyn A. Werman		Philip H. Thumm
1968	Robert W. McLaughlin		Daniel F. Chisholm
1968	Maurice J. Comeau		Mary F. Parlee
1968	Charles J. Abati		Mona C. Hull
1968	Harry F. Cardillo		Doris A. Spinney
1969	David W. Smith		James O'Malley
1969	Kalman E. Reistetter		Alexander Sachs
1970	Leon B. Rothman		Louise Manzi
1971	Doris K. (Kingsbury) Gayzagian		R. Eugene Mellican
1971	Beverly A. (Collins) Decas		Gregory Tsolas
1971	Lester R. Brodeur		Joseph Correia
1971	Dinshaw F. Bardoliwalla		Padmanabh Harihar
1972	Kenneth J. Mullen		Eleanor Mangan
1972	David J. Brzoska		



Alumni Events Calendar

- **Young Alumni Networking:** Personal Branding and Career Development, Thursday, Jan. 21, 5:30-8 p.m., Alumni Hall.
- **Men’s & Women’s Basketball Alumni Reunions,** Sunday, Jan. 24, 1 p.m., Talon Club, Tsongas Center.
- **Baseball Hot Stove,** Saturday, Jan. 30, 6 p.m., Four Oaks Country Club.
- **Alumni St. Patrick’s Day Parade,** Naples, Florida, Saturday, March 12.
- ***Our Legacy, Our Place* Campaign Launch and University Alumni Awards,** Thursday, April 14. Celebrating the public launch of UMass Lowell’s first-ever comprehensive fundraising campaign, and recognizing alumni who have made outstanding contributions to the university or their community.
- **Class of 1966 and Golden Alumni Weekend,** May 13-15, UMass Lowell
- **Commencement Eve Celebration,** Friday, May 13, 5-8:30 p.m. UMass Lowell Inn & Conference Center. Join us in celebrating the successes of the academic year, honoring the achievements of talented students and welcoming our commencement keynote and special guests.
- **Commencement,** Saturday, May 14, Tsongas Center.

To register for events, go to www.uml.edu/alumni. For questions, call 978-934-3140 or email Alumni_Office@uml.edu.

HOCKEY NIGHTS WITH THE RIVER HAWKS



Hockey and pregame events are some of UMass Lowell’s most popular and cherished traditions. Enjoy refreshments before catching the game in a special reserved section. All games start at 7 p.m. at the Tsongas Center unless noted otherwise.

Alpha Omega Alumnae Night, Saturday, Jan. 16, 6 p.m. reception, 7 p.m. game vs. UMass Amherst.

College of Fine Arts, Humanities & Social Sciences Alumni Night, Saturday, Jan. 23, 6 p.m. reception, 7 p.m. game. vs. Providence College.

George Davis Track and Field Alumni Night, Saturday, Jan. 30, 6 p.m. reception, 7 p.m. game. vs. Arizona State University.

Men’s Soccer Reunion, Saturday, Jan. 30, 6 p.m. reception, 7 p.m. game vs. Arizona State University (tickets to the reunion are limited to first 30).

Graduate School of Education Alumni Appreciation Night, Saturday, Jan. 30, Discounted tickets for GSE alumni. 7 p.m. game. vs. Arizona State University.

Sigma Phi Omicron Alumni Night, Saturday, Jan. 30, 6 p.m. reception, 7 p.m. game vs. Arizona State University.

College of Health Sciences Alumni Night, Friday, Feb. 5, 6:15 p.m. reception, 7:15 p.m. game vs. Northeastern University.

Football Alumni Reunion, Saturday, Feb. 6, 6 p.m. reception, 7 p.m. game vs. UMass Amherst.

Kennedy College of Sciences Alumni Night, Saturday, Feb. 13, 6 p.m. reception, 7 p.m. game. vs. Boston University.

Delta Kappa Phi Alumni Night, Friday, Feb. 19, 6:15 p.m. reception, 7:15 p.m. game vs. UMass Amherst.

Francis College of Engineering Alumni Night, Saturday, Feb. 27, 6 p.m. reception, 7 p.m. game vs. Boston College.

RIVER HAWK TALK
VIRTUAL NETWORKING HOUR

River Hawk Talk Virtual Networking is a fun and free way to network with fellow UMass Lowell alumni, faculty and staff—and you don’t have to leave work or home to do it.

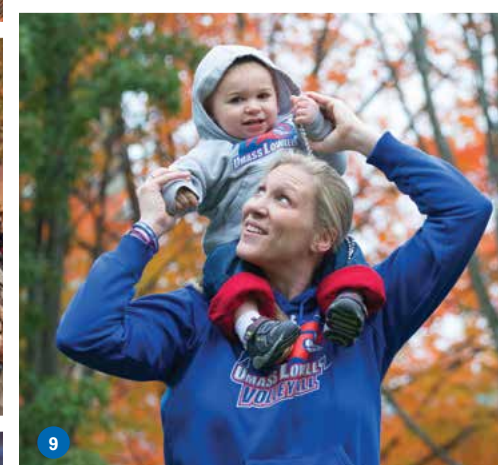
1. Simply create an online account <http://alumni.uml.edu/networkinghour>.
2. Log-on for a networking event at the prescribed time.
3. Chat online. You will be paired with a new participant, from the industry or area of expertise of your choice, every seven minutes.

Events are held the third Wednesday of every month from noon to 1 p.m.:

- Jan. 20
- Feb. 17
- March 16
- April 20
- May 18
- June 15



Questions?
Contact us at Alumni_Office@uml.edu or 978-934-3140.



[1] A special thanks goes out to our entire 2015 Homecoming Alumni Host Committee. From left: Patty Talty '78, Mary Gail Jaggers '76, '84, John Cogan '86, Keval Bhagat '15, Pat Rivard Gardner '76, Adam Dunbar '11, Kristen Gleason '04, Gianni Falzone '13, Sean Hodgdon '06 and Executive Director of Alumni Relations Heather Makrez '06, '08.

[2] 1975 Lowell State Class Officers make a \$10,000 university gift presentation to Chancellor Jacquie Moloney '75, '92 in commemoration of their 40th reunion. From left: Peter Carbone '75, Susan J. Pasquale '75, Chancellor Jacquie Moloney '75, '92 and Allen Jussaume '75, '11.

[3] The Class of 1990 celebrates its 25th reunion thanks to a great class committee. From left: Timothy '89 and Anna Chicoine, Chancellor Jacquie Moloney '75, '92, Volunteer Nichole Lyster Howley '90 and Joseph Howley.

[4] From left, Adriana De Souza, Revital Quintana '09, Andressa Giacomini '10, and Liron Asher '09, all had smiles at the Fifth Reunion celebration during Homecoming weekend.

[5] Emmanuel Lamour '05 and Jaumel Weekes '05 catch up at their 10th Reunion during Homecoming weekend.

[6] Associate Vice Chancellor of Student Affairs Larry Siegel greets reunion guest Eric Ramstrom '90, along with Dean of Enrollment and Student Success Tom Taylor and Assistant Dean of Student Affairs Mary Connelly.

[7-11] Students, alumni and friends enjoy Hawkey Way outside the Tsongas Center.

[12] Country musician Jilly Martin '08 performed on Hawkey Way.

[13] Students and alumni were thrilled when former New England Patriot Tedy Bruschi stopped by Hawkey Way.

Alumni On Campus



[1] Shown at the 2015 Celebration of Scholarship Luncheon with Joy Tong '14 (H) and John Pulichino '67, '14 (H), center, are, from left: scholarship recipients Bernice Yeboah '17, Casey Davies '19, Brittany Morris '17, Edwin Naranjo '17, Joshua Masse '18, and Gregory Ponce '19.

[2] Alumni shared their career expertise with students during the annual Biology Life Sciences Night. From left: Maria Giovino-Doherty '89, Andrew Sanginario '14, Chris Ianelli '89, Heather Merhi '13, Bob Corcoran '93, Lisa Thurston '96, Martin Sanders and Rachel Paquette '14.

[3] Associate Dean Deirdra Murphy '00, '04 speaks to Rachel Silk, business student; Jessica Dion, exercise physiology student; and Daniel Schmith, business student from DifferenceMaker team "Love of the Game." The goal of this Idea Challenge is to engage UMass Lowell students in creative and innovative problem solving around major issues that affect our region and our future.

[4] Outstanding alumni are honored at the annual University Alumni Awards ceremony. From left: Bryce Anderson '04, Peg Palmer '73, '77, Molly Sheehy '60, '82, '00, Vice Provost Kathryn Carter '78, UMass President Marty Meehan '78, Wendy Labate '96, David Lin, representing his father Lawrence Lin '90 and Glenn Morgan '86.

[5] The Student Alumni Ambassadors hosted a young alumni panel during which recent graduates talked to current students about their professional insights and experiences. Panelists included, from left: David Koffman '10, Emmanuel Lamour '05, Reynaldo Santana '12 and Kristin Sorota '09.

[6] Men's soccer alumni return to campus to play in their annual alumni game on Cushing Field.



[7] Alumni, faculty and staff join friends and family of Prof. Emeritus Joyce Denning and Prof. Emeritus Dean Bergeron to celebrate the life and legacy of Joyce.

[8] River Hawk Baseball alumni are welcomed back and honored on-field before a game at LeLacheur Park.

[9] Alumni from Boston University, Northeastern and UMass Lowell employed by Philips North America in Andover took the field in a cornhole tourney. Shown are Michelle Anastos '06 and Michael Papa '82.

[10] Community and Social Psychology celebrates its 35th anniversary. From left: Sofia Stavradi '09, '11, Meg Bond, Sheri Denk '98, Penelope Funaiole, Anne Mulvey, Barbara Warren '08, '10, Michelle Holmberg '10 and Andrew Hostetler.

[11] UMass Lowell alumni and friends gather on the Campus Recreation Center patio for a BBQ before catching a Lowell Spinners game.

Class of 1965: 50th Reunion Weekend



[1] Class of 1965 alumni from Lowell State board the bus to see their former stomping grounds on South Campus.



[2] During the reunion tour, Plastics Engineering Prof. Steve Driscoll provides commentary on points of interest on North Campus and all the developments that have taken place in the last 50 years.

[3] Stuart Mandell '11 (H), left, presents Ronald Lincoln '65 with a UMass Lowell degree certificate acknowledging 50 years since he received his degree in industrial management.

[4] Anne Weisberg Fisher '65, left, and Judith '65 and Daniel Brophy share one more laugh as the evening comes to an end.

Alumni in the Community



[1&2] Fourth Annual Chris Sullivan Memorial 5K raises money for student veterans in honor of one of their own, Chris Sullivan '98, who was a Sigma Phi Omicron brother.

Alumni in the Community



[3] A beautiful day for a golf tournament at Four Oaks Country Club in Dracut, Mass. From left: Ben Thibault, Head Coach Norm Bazin '94, '99, David Gatti '92 and Assistant Coach Cam Ellsworth.

[4] Enjoying a UMass Lowell alumni and student reception at Kronos in Chelmsford are, from left, co-op students Danielle Ringler, Christina Pappas, Siriphone Chanhysy, Jamalie Thernor and Daniel Peters, who talk with Joseph Hartman, dean of the Francis College of Engineering, and Kronos CEO Aron Ain.

[5] The Sacred Heart Endowment had another successful fundraiser in August featuring "A Funny Thing Happened on the Way to the Forum." From left, Brian Sheehan '79; Jim Neary '77, '90; Patti McCafferty, vice chancellor of university relations; Ken O'Neill '85; Eddie Mekka, actor; Ray Crowe '80; Matt McCafferty '79, '85; and John O'Donnell '81.

Alumni across the Nation

[1] T "Plastics Hot Runners"—made up of plastics engineering faculty, alumni, students and friends—ran the "Reach the Beach" relay race from the Bretton Woods ski area to Hampton Beach state park in September. The team dedicated its run to Amber Zaparka '11, a plastics engineering alumna who died in a motorcycle accident a month before the race. Left to right: Prof. Meg Sobkowicz-Kline, Prof. Robert Malloy '79, Stephanie Dubay '05, Rob Duncan '12, Missy Siopes '03, Jen Wakefield '03, Phillip Dubay '17, Melissa Egan '03, Jessica Matar '16, Nick Ilsley '12, Bill Siopes '03 and Marjorie Weiner of the Society of Plastics Engineers.



[2] Alumni and friends gather at Comerica Park in Detroit for a reception and Boston Red Sox vs. Detroit Tigers. From left: William "Bill" Knight '89, Glenn Cannavo '80, Director of Development Phil Cunningham and Robert Haley '85.

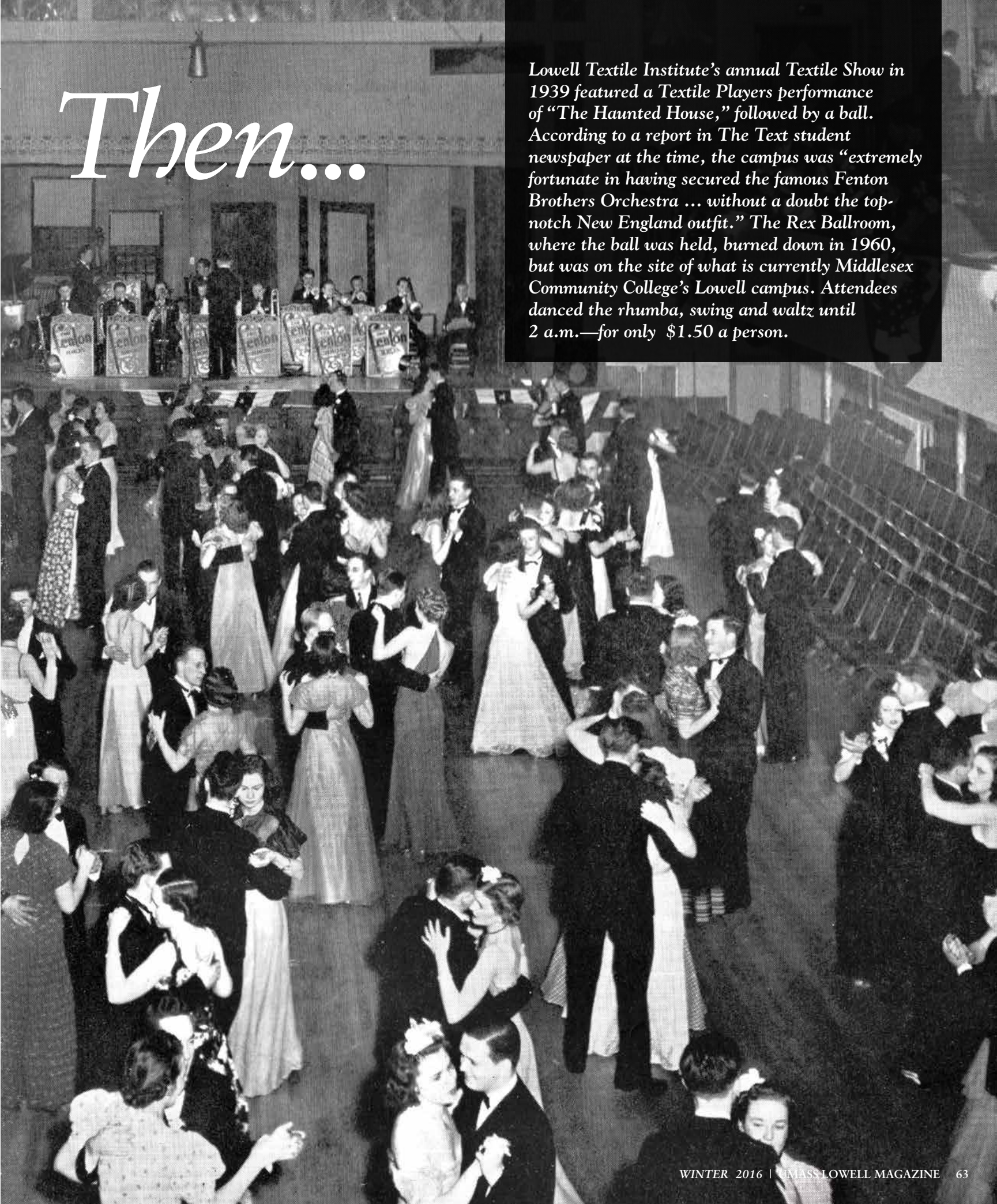
Alumni across the Nation (continued)

- [1] Tom Clark '91 (not pictured), owner of Santa Clara Valley Brewing Co., gives alumni Ted Dudziak '73, '76, William Crites '78 and Mike Murray '08 a behind the scenes look at his brewery.
- [2] Jack Demers '90, left, Debbie Hauser '79, '80 and husband Joe Blonski '78 enjoy a sunset cruise on San Diego harbor.
- [3] Kate '99 and Mohamed '00 Awad, left, and Stephanie and Greg '05 Mason meet for the first time at an alumni reception in Irvine, Calif.
- [4] Hilary and David '57 Hannon enjoy a seafood dinner at the New England Lobster Co. and tour the facility with many other alumni in Burlingame, Calif.
- [5] Alison and Michael '89 Milligan, along with alumni, family and friends in the DMV area enjoy a night of fun and baseball.
- [6] Karen '81 and Arthur '81 Pennington, left, and Diane '84 and Tom O'Connor '77, '80 enjoy a cabana reception before watching the Rockies game with fellow River Hawk Colorado residents.
- [7-8] Paul '51 and Frances Cassidy, left, meet alumni reception host Cathy Zografos and Senior Director of Development Steven Rogers (photo 7) at the home of George '76 and Cathy Zografos (photo 8, center) in East Sandwich, Mass.
- [9] New York City alumni met with UMass President Marty Meehan '78 and Roy Zuckerberg '58. From left: Brian Mulley '01, Pascha McTyson '03, '09, Rose Foley '92, Marilyn Allen, Paul Liesman '83, Ehud Laska, Bonnie Comley '81, Stew Lane, Anne Laraia '10, Steve Gardner '11. (Not pictured: Bill Liberis '75, '77)



Then...

Lowell Textile Institute's annual Textile Show in 1939 featured a Textile Players performance of "The Haunted House," followed by a ball. According to a report in The Text student newspaper at the time, the campus was "extremely fortunate in having secured the famous Fenton Brothers Orchestra ... without a doubt the top-notch New England outfit." The Rex Ballroom, where the ball was held, burned down in 1960, but was on the site of what is currently Middlesex Community College's Lowell campus. Attendees danced the rhumba, swing and waltz until 2 a.m.—for only \$1.50 a person.



Now...



These days, students forego the fancy duds and 12-piece orchestra in favor of casual garb and a DJ. At the “UC Disco After Dark” event during Opening Week each fall, dancers don wireless headphones to hear the MC’s tunes—and were a passerby to wonder into Moloney Hall, she would enter to near silence.



OUR LEGACY
OUR PLACE
THE CAMPAIGN FOR UMASS LOWELL

WE KNOW OUR PLACE

At UMass Lowell, we know Our Place.

We know our proud place in history, and the future. We know ours is a place of opportunity and action, ingenuity and innovation. We know our place is where our students find their place in the world.

On Thursday, April 14, UMass Lowell will publicly launch its first-ever comprehensive fundraising campaign. Our Legacy, Our Place: The Campaign for UMass Lowell will build on the tremendous growth in size, scope and reputation the university has experienced in recent years.

By raising \$125 million to support student scholarships, our first-rate faculty, our growing campus and our Division I athletics program, we can take our place among the top public universities in the country.

So join us on our journey, and let's leave a legacy we can be proud of.

To learn more, please visit www.uml.edu/ourlegacy-ourplace