

THE UNIVERSITY OF

VERMONT

QUARTERLY

Local landscapes, global forces

\$5 MILLION GIFT SPURS BILLINGS AND ALUMNI HOUSE PROJECTS

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UVM Exceptionalism

The following is an excerpt from a speech President Sullivan delivered at a special program, "UVM and the Future of American Higher Education," on May 28, 2014 in New York City.



I want to share with you a vital vision for the University of Vermont, a University as old as the Bill of Rights of the U.S. Constitution. This vision is rooted in the University's values and driven by what we will become, a community of minds that shapes the future landscape of higher education in the United States. It is a vision of UVM's exceptionalism, present and future, and its stature as a Public Ivy.

UVM is a talent magnet that attracts curious, self-starting, engaged students, who are motivated to achieve. Our graduates are ready for the financial district of New York, the high rises of Hong Kong, nonprofits in many sectors and Burlington's flourishing technology community. I want to address the challenges of the future of higher education and how UVM will thrive in a competitive world and then make the case for why UVM needs you and your support to continue our trajectory toward distinguished leadership in higher education.

The University of Vermont is and must continue to be a leader among American higher education institutions. You are here because you care deeply about the University of Vermont. We all want the same things for UVM's future: undergraduates with financial access to a top-rated education; a campus that continues to offer the stellar student experience we are known for; and faculty who tackle global problems, while educating our future leaders.

Imagine walking through our campus several years from now where you may cross paths with a faculty member who has developed an accurate computer model for predicting natural disasters. East of Williams Hall, you will see the complex for science, technology, engineering and mathematics (STEM), its classic architecture belying the cutting-edge science housed inside. Beyond our STEM Lab Complex, you will see the growing campus of our partners in the health sciences at Fletcher Allen Health Care, where UVM-trained physicians and nurses are building new models for high quality healthcare. You may meet a first-year student who declined admission at Dartmouth in favor of UVM because of our outstanding Honors College. You will sense anticipation on campus for that evening's men's

basketball game when 6,500 fans will fill the new Multipurpose Event Center to see UVM defeat Duke University's Blue Devils.

The University of Vermont campus was carved from a wilderness hilltop more than two centuries ago in the optimistic early days of this country. Now UVM stands at another moment of challenge and radiant opportunity. With shrinking public fiscal support for education and scientific research, the challenges faced by all of American higher education are formidable. Our colleges' and universities' success or failure in meeting those challenges will have a critical impact on American society as a whole and on whether we will see the advancement of democracy and civilization as we know them. I believe it is imperative that we advance UVM to a place where it can compete with the nation's finest universities by combining world-class research with distinguished undergraduate teaching.

First, let me be clear: UVM is not and will not be in the mass higher education market. Our mission and vision are focused. We are an institution of liberal education emphasizing a strong undergraduate experience with five professional colleges and graduate programs that are central to our growing status as a small, but important research university. Our core mission continues to include teaching, learning, education, research and engagement. Our quest is for creating and discovering new knowledge and information and advancing understanding through critique and analysis. Importantly, our defined learning and development outcomes for students include:

1. The ability to acquire a body of knowledge through a specific discipline and major;
2. Critical thinking and analytical skills;
3. The integration of qualitative and quantitative knowledge;
4. Decision making and problem solving skills;
5. The ability to communicate and collaborate with others to reach just and ethical results.

Our laboratories, classrooms, and offices are filled with faculty in search of answers to the most pressing questions that face our country and our world. As we address opportunities to flourish

in the future, allow me to point to a few shining examples of our faculty's work. Professor of Sociology and former Dean of the College of Arts and Sciences Eleanor Miller was awarded a Fulbright research grant to study the success of decriminalizing drugs and the use of treatment programs for addicts at Universidade Nova in Lisbon, Portugal. Cardiologist and College of Medicine Professor Peter Spector and physiologist Jason Bates have co-developed a virtual human heart, software that models the organ's electrical activity to vastly improve the interpretation of diagnostic tests and guide treatment. In April, UVM Geology Professor Paul Bierman's work appeared in the *Wall Street Journal*, on National Public Radio, and on late night TV with Jimmy Fallon. Professor Bierman is researching changes in landscapes over millions of years by studying Greenland's ice sheet, leading to a new understanding of climate change. Imagine how, with support from you, these great minds might help to power an economic engine that soars within and beyond the borders of Vermont.

Taking these research efforts to the next level at UVM will mean continuing to draw the best and brightest faculty to campus with endowed professorships and state-of-the-art facilities. When I arrived as president nearly two years ago, we had 53 endowed faculty positions. We now have 84 endowed positions committed by our generous donors, an addition of 31 in 23 months, and we plan to double our endowed faculty positions by 2019.

While we continue to grow our research and creative efforts, the University of Vermont remains dedicated, first and foremost, to our core mission: undergraduate education. We must provide "access to success." These words signify our commitment to doing all we can to keep higher education affordable through essential scholarship support to ensure that all our students thrive and succeed. I recall what the Irish poet, William Butler Yeats, wrote about education, "Education is not the filling of a pail, but the lighting of a fire." My promise to you is that we will continue lighting this fire, student by student.

Let me tell you about two of our glowing embers. Inspired by research with College of Medicine professors, Christopher Veal '14 now plans to earn an MD/PhD in immunology. In Chris's words, "It is amazing how life can lead you in a direction that you would have never dreamed possible." Alexandria Hall '15, a first-generation college student from Vergennes, Vermont, was recently awarded a highly competitive Beinecke Scholarship. She is a gifted poet and musician who has thrived at UVM under the mentorship of poet and Guggenheim Fellow, Professor Major Jackson.

While the work of our University will reach all corners of the world, we hope that all corners of the world also will reach our University. The diversity of our campus community has grown a good deal over the past decade. But we still must make a great

leap ahead to increase significantly domestic and global diversity, so that students from New Delhi, Beijing and Melbourne study side by side with students from New York City; Ridge-wood, New Jersey; Hardwick, Vermont; New Canaan, Connecticut; and Denver, Colorado.

That thought brings us back to the historic core of our University, that swath of green at the top of the hill. I am sure many of you are struck by the transformation of our campus across the past decade: the residential learning communities of University Heights; the plant science labs and classrooms of Jeffords Hall; the athletic facilities at Winder and Virtue fields and Livak track; the innovative green renovation of the Aiken Building; and, of course, the Davis Center, the new student hub on campus.

We are poised now for a number of projects that will dramatically impact the life, culture, and work of the campus: the completion of the Alumni House, a physical and symbolic center for our alumni family; the historic restoration of Billings Library, the intellectual home for the library's world-renowned Silver Special Collections, the important Carolyn and Leonard Miller Center for Holocaust Studies, and the Center for Research on Vermont; designing the Multipurpose Event Center, a home for our basketball and hockey teams, fitness and wellness facilities for our entire student body, and a space for social and cultural events; and, very importantly, the completion of our new STEM facility. As a new teaching and learning hub, the STEM Complex will help us to integrate qualitative learning from the important liberal arts and quantitative analysis from the fields of science and engineering. It is time to move forward and finish each of these projects.

In the midst of all the challenges facing higher education, we have a clear vision of where UVM stands and where it is headed. This is our moment to step confidently into a future as a Public Ivy. We are poised to continue as strong leaders in higher education and to seize future opportunities that will ensure the University of Vermont is a national institution of consequence. With your commitment and engagement, you embody the very finest support we could ever hope for in alumni and friends. Now, more than ever, your stalwart support is critical as we bring the University to the next level of excellence and recognition. In the years ahead, I look forward to working with all of you as we move mountains to transform our vision into reality at the University of Vermont, your University!

—Tom Sullivan

After the event, guests gathered at the home of alumnus Jack Silver '64 and his wife Shirley for a reception where Tom Sullivan announced a \$5 million gift from the Silvers. For more on that story, see page 38 in this issue.

THE GREEN

GATHERING NEWS & VIEWS OF LIFE AT THE UNIVERSITY



Commencement 2014

[ENGINEERING] ALUMNI HONOR RIZZO WITH KIDDER AWARD

Donna Rizzo has taken risks, pushed her comfort zone by living abroad or starting her own business. Looking back, the professor of engineering says her only regret in life is failing to take a leap. “The scariest thing for me was speaking during my four years of undergraduate education. I never raised my hand in class. I never approached a professor. I never went to office hours,” she says.

All of those “nevers” combine to create a regret that Rizzo, the 2014 recipient of the UVM Alumni Association’s George V. Kidder Outstanding Faculty Award, strives to keep her own students from repeating. She makes it plain that opportunities will be lost if they don’t open up in class and reach out to faculty. More importantly, she creates an environment in which those things are easy to do: “I’m always trying to foster a place where people feel comfortable asking questions.”

That hasn’t always been the case, Rizzo says, recalling the first class she taught in fluids mechanics. A test three weeks into the semester revealed the students had learned very little. She blamed herself. “I cried. I went home and told my husband that I was the worst teacher in the world.



There I was up in front of the class, talking over their heads for three weeks, and not knowing if they understood,” she says.

That would quickly change as Rizzo worked to establish a greater dialogue with the class, better ways to monitor progress (even if that meant the inevitable collective groan inspired by a pop quiz). “Sometimes it’s just a simple little question to get the students to start speaking and to find out what they know. If you can get them to do that, they’re more comfortable,” Rizzo says. And she adds, “That class helped me become a better teacher.”

The many alumni and faculty colleagues who wrote in support of Rizzo for the Kidder Award say she’s one of the university’s finest teachers because of approachability, countless open-door hours in her Votey Building office, a broad intellect and boundless curiosity, high energy in front of a lecture

hall, and the expertise of a leading researcher in environmental engineering who often instructs with practical lessons from her “past life” working as an engineer in the field.

That said, Rizzo still struggles to define for herself what makes a good teacher, which might be precisely why she is one. She talks frequently with colleagues in Votey and across the university about their teaching strategies. She knows faculty who are wonderful teachers, she says, yet approach the challenge of the classroom totally differently. If there’s a common denominator, it’s as simple as caring deeply about the subject matter and about the students, she suggests.

“Without Dr. Rizzo, I’m not sure I would still be in engineering,” Anna Nadler ’14 writes. “She inspires me to keep going and believes in me. She pushes me to be not only a better student, but a better person, as well.”

SENDING OFF THE CLASS OF 2014

Sunday, May 18, dawned to clear skies and cool temperatures, an ideal morning for a black robe and a sunny spot on the Green, as nearly three thousand graduates and thousands more family and friends gathered for UVM’s 213th Commencement ceremony.

Samantha Power, United States ambassador to the United Nations, delivered the graduation address. Her comments had the global scope one would expect and also a personal aspect, sharing the self-doubts she has had to quiet at various times in her career, from her first assignment as a war correspondent to her first Oval Office meeting as a member of President Barack Obama’s staff.

While Power acknowledged the daunting issues, both at home and abroad, that will shape the graduates’ lives, she also rattled off a litany of humankind’s recent advances. And she made a pitch for the strength of individual acts: “Start by doing what it is in your power to do right here and now. Louis Brandeis once said, ‘The only title in our democracy superior to that of president is the title of citizen.’ And I believe that.”

[BUSINESS] **NEW MBA PROGRAM WELCOMES TOP PROF**

As we rebound from the brink of economic collapse,” Bill Clinton wrote in 2010, “Stuart Hart proposes a sustainable, socially responsible model of capitalism and compels us to seize the opportunities afforded by a fresh start.” Now, four years later, Hart brings that vision to

UVM, where he’s been hired as the Grossman Chair of Sustainable Business.

“He’s the equivalent of getting Michael Jordan in basketball,” says Dean Sanjay Sharma of Hart, who raises the national profile of UVM’s new Sustainable Entrepreneurship MBA program (SEMBA). “He’s a superstar in his field and puts us at the forefront of business sustainability.”

Hart, an authority on the implications of environment and poverty for business strategy, is a widely published scholar whose work includes his seminal piece, “Beyond Greening: Strategies for a Sustainable World,” which won the McKinsey Award for Best Article in *Harvard Business Review* in 1997 and helped launch the corporate sustainability movement.

Bloomberg Businessweek calls Hart “one of the founding fathers of the ‘base of the pyramid’ economic theory” that refers to the largest, but poorest socio-economic group consist-

ing of the four billion people (out of seven billion worldwide) who live on less than \$4 per day. Hart has developed new models of doing business that intentionally target that demographic to help lift them out of poverty, while also helping businesses thrive. His best-selling book, *Capitalism at the Crossroads*, was selected by Cambridge University as one of the fifty top books on sustainability of all-time.

Sharma and Hart, who first met more than fifteen years ago, recently co-wrote an article, “Beyond ‘Saddle Bag’ Sustainability for Business Education” in the journal



Organization & Environment. It chronicles the history of how business schools have incrementally added courses in sustainability, corporate social responsibility, and ethics in response to evolving societal demands.

“These ‘saddle-bag’ approaches do not integrate the topics into the core functional areas of business,” they write. “Only recently have a

few business schools boldly overcome organizational inertia to develop curricula that lead practice by embedding sustainability into the core to educate managers who can rise to the demands of the global sustainability challenges facing the world in the twenty-first century.”

Hart says the new one-year SEMBA program, which starts in the fall of 2014, is the exception because it has institutional support, representing a “bold new venture where a major university has sought to fundamentally reinvent business education and the MBA degree” by addressing the environment, ethics, entrepreneurship, poverty, and inequality.

[ENGINEERING] **MANAGING ELECTRIC CARS’ POWER DEMANDS**

Growth in plug-in electric car sales is good news for the environment in terms of oil consumption and air pollution. But this growing

fleet will put new strain on the nation’s aging electrical distribution systems, like transformers and underground cables, especially at times of peak demand—say, six in the evening when people come home from work.

How to manage all these cars seeking a socket at the same time—without crash-

continued on page 8

JUST 3 QUESTIONS

BERNICE GARNETT

Bernice Garnett, assistant professor in the College of Education and Social Services, specializes in public health prevention with a particular focus on issues such as childhood obesity and bullying. Though this is just her first year at the university, Garnett has quickly become a regular in Montpelier, taking her research and ideas for applying it for the benefit of the state’s youth to the halls of state government.



Q. Could you tell us a bit about the connections between obesity and bullying?

A. We know children are bullied because of their weight more than any other identity, primarily because it’s accepted, and there’s this notion that it’s your fault that you are this way as opposed to your race, sexual orientation, or religion. The youth I’ve worked with want to lose weight, but it’s really hard, especially if they come from a low-income area, because they don’t have control over what they eat at home. So often, overweight youth use food as a coping mechanism to deal with all of the hatred at school.

Q. What’s your approach to addressing childhood obesity?

A. I was very much focused on physical health, but eventually realized that we have to address the social, emotional, and behavioral health issues that accompany excess weight. I realized that I can’t work in childhood obesity prevention unless these kids feel safe in school, feel empowered and connected, because

they have such low self-esteem that nothing is going to happen in a sustainable way. That’s when I took a step back and realized I needed to think more holistically about how I saw health and not come from this traditional “calories-in, calories-out” perspective. I had an “aha” moment when I saw weight-based teasing happening in a gym class that I was commissioned to run, and I thought, “I can’t control this behavior.” That’s when I realized that childhood obesity prevention programs are completely ineffective unless we change the way we think about weight, talk about weight with kids, and how we are developing them as individuals.

Q. How do we move forward on a big picture, policy level?

A. I really believe in the value of applied research because it can influence policy, and public health policy has a direct effect on people’s lives. Cigarette bans, trans fat bans, seat belts, drunk driving—that’s all public health. I’ve gone to Montpelier multiple times to meet

with as many legislators and people at state agencies as possible to ask them what their strategic plans and priorities are, and how UVM can answer any questions they may have.

In my mind, policy is the only way to guarantee that there is universal access to a specific type of solution, therefore having the potential to reduce health and educational disparities. Something is wrong when the life expectancy of a black man in Harlem is comparable to a man in Bangladesh or that three subway stops away, your life expectancy goes down eight years in some U.S. cities. Research-based policy, implementation, and evaluation are the most effective way to reduce these disparities. I came into this field wanting to make a difference on a state and potentially federal level. I think Vermont is the perfect place to pilot some innovative healthcare models that we can showcase nationally, and UVM can play a major role by providing evidence-based research to create effective policy.

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ing the grid or pushing rates through the roof—has some utilities wondering, if not downright worried.

A team of UVM scientists has created a novel solution, which they reported on in the March 2014 issue of *IEEE Transactions on Smart Grid*, a journal of the Institute of Electrical and Electronics Engineers.

“The key to our approach is to break up the request for power from each car into multiple small chunks—into packets,” says Jeff Frolik, a professor in the College of Engineering and Mathematical Sciences and co-author on the new study.

By using the nation’s growing network of “smart meters”—a new generation of household electric meters that communicate information back-and-forth between a house and the utility—the new approach would let a car charge for five or ten minutes at a time. And then the car would “get back into the line,” Frolik says, and make another request for power. If demand was low, it would continue charging, but if it was high, the car would have to wait.

“The vehicle doesn’t care. And, most of the time, as long as people get charged by morning, they won’t care either,” says UVM’s Paul Hines, an expert on power systems and co-author on the study. “By charging cars in this way, it’s really easy to let everybody share the capacity that is available on the grid.”



Taking a page out of how radio and internet communications are distributed, the team’s strategy will allow electric utilities to spread out the demand from plug-in cars over the whole day and night. The information from the smart meter prevents the grid from being overloaded.

At the same time, the UVM team’s invention—patent pending—would protect a car owner’s privacy. A charge management device could be located at the level of, for example, a neighborhood substation. It would assess local strain on the grid. If demand wasn’t too high, it would randomly distribute “charge-packets” of power to those households that were putting in requests.

“Our solution is decentralized,” says Pooya Rezaei, a doctoral student working with Hines and the lead author on the new paper. “The utility doesn’t know who is charging.” Instead, the power would be distributed by a computer algorithm called an “automaton” that is the technical heart of the new approach.

Grad student Pooya Rezaei and professors Paul Hines and Jeff Frolik have new ideas on the best way to handle the growing number of plug-in cars.

Others have proposed elaborate online auction schemes to manage demand. “Some of the other systems are way too complicated,” says Hines, who has extensive experience working with power companies. “In a big city, a utility doesn’t want to be managing millions of tiny auctions. Ours is a much simpler system that gets the job done without overloading the grid and gets people what they want the vast majority of the time.”

[NEUROSCIENCE] THIS IS YOUR BRAIN ON ADOLESCENCE

Why do some teenagers start smoking or experimenting with drugs—while others don’t?

In the largest imaging study of the human brain ever conducted—involving 1,896 fourteen-year-olds—scien-

tists have discovered a number of previously unknown networks that go a long way toward an answer.

Hugh Garavan, associate professor of psychiatry and psychology, and Robert Whelan, a postdoctoral research fellow, along with a large group of international colleagues, report that differences in these networks provide strong evidence that some teenagers are at higher risk for drug and alcohol experimentation—simply because their brains work differently, making them more impulsive. Their findings were published in the journal *Nature Neuroscience*.

This discovery helps answer a long-standing chicken-or-egg question about whether certain brain patterns come before drug use—or are caused by it. “The differences in these networks seem to precede drug use,” says Garavan.

In a key finding, diminished activity in a network involving the “orbitofrontal cortex” is associated with experimentation with alcohol, cigarettes and illegal drugs in early adolescence. “These networks are not working as well for some kids as for others,” says Whelan, making them more impulsive.

Faced with a choice about smoking or drinking, the fourteen-year-old with a less functional impulse-regulating network will be more likely to say, “yeah, gimme, gimme,

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STUDENT FOCUS

Spring semester of senior year is hectic for any UVM student staring down that May graduation date on the calendar. Christopher Thomas Veal '14 upped the ante with travel to academic medical conferences in Florence, Italy, and Harvard University to present research he was involved with as an undergraduate.

Veal was one of just two undergrads presenting a poster at the event in Italy, the Annual Society of Gynecological Investigation Scientific Meeting. The poster featured research he conducted under the mentorship of Dr. Mark Phillippe, former professor in the UVM College of Medicine and now on the staff at Massachusetts General Hospital. “Not only was I able to contribute to one of the most prestigious gynecological conferences in the world, but I was able to witness the ever-changing tide of research in women’s health firsthand. It was a phenomenal experience that has changed my life,” Veal says.

The student’s appreciation and enthusiasm for the mentorship and opportunities he’s found in his pre-med focus at UVM are palpable. That passion led him to join with fellow students to form a UVM chapter of the Minority Association of Pre-Medical Students, an effort that has grown rapidly across the past year and created numerous connections among undergrads and UVM College of Medicine faculty and students.

Veal, who is originally from Detroit, says he’d love to stay in Burlington and continue his education at UVM. Thinking on the flight home from the conference in Italy, his future direction came into sharper focus. He plans to pursue an MD/PhD in immunology. “It is amazing how life can lead you in a direction that you would have never dreamed possible,” he says.



VQEXTRA uvm.edu/vq

Beyond the print content in this issue, you'll also find more articles and multimedia pieces at uvm.edu/vq. Several of the stories below were included in the May edition of *VQExtra*. If you aren't currently receiving an email when this online edition is posted between our print issues and would like to be alerted, let us know and we'll add you to the list. Also, write us a note if you'd prefer to no longer receive the print edition and instead get an email notice when each issue is available online. uvmvq@uvm.edu



INVESTMENT OF A LIFETIME

Professor Kathleen Liang's "Dollar Enterprise" course has become deeply ingrained in UVM culture.



STUDENT VOICE: A RETURN

Undergrad Jesse Baum finds insight in her Jewish grandmother's emotional return to her hometown in Germany.



GENDER POLITICS IN THIN AIR

Jan Reynolds '78 explores the power of bringing a feminine mindset to the challenges of adventure expeditions.



STEM: A BEGINNER'S GUIDE

You'll be hearing a lot about STEM at UVM in the future. Here's what you should know now.



GREENING ILLINOIS

A "game-changing" environmental studies class with Amy Seidl and the cooperative experience of Slade Hall put Eric Heineman '04 on the path to helping lead sustainability efforts in one of the nation's largest states.



Professor Hugh Garavan's work probes brain networks and substance abuse.

"gimme!" says Garavan, "and this other kid is saying, 'no, I'm not going to do that.'"

Testing for lower function in this and other brain networks could, perhaps, be used by researchers someday as "a risk factor or biomarker for potential drug use," Garavan says.

The researchers were also able to show that other newly discovered networks are connected with the symptoms of attention-deficit hyperactivity disorder. These ADHD networks are distinct from those associated with early drug use.

In recent years, there has been controversy and extensive media attention about the possible connection between ADHD and drug abuse. Both ADHD and early drug use are associated with poor inhibitory control—they're problems that plague impulsive people.

But the new research shows that these seemingly related problems are regulated by different networks in the brain—even though both groups of teens can

score poorly on tests of their "stop-signal reaction time," a standard measure of overall inhibitory control used in this study and other similar ones. This strengthens the idea that risk of ADHD is not necessarily a full-blown risk for drug use as some recent studies suggest.

"The take-home message is that impulsivity can be decomposed, broken down into different brain regions," says Garavan, "and the functioning of one region is related to ADHD symptoms, while the functioning of other regions is related to drug use."

[GEOLOGY] **AT THE BOTTOM OF GREENLAND'S GLACIER**

Research by UVM geologist Paul Bierman and a team of international colleagues drew wide attention this spring—from the *Wall Street Journal* to *Le Monde*, even a late night television mention from Jimmy Fallon. The work, published April 17 in the journal *Science*, details the scientists' surprising discovery of an ancient tundra landscape preserved under



What does the future hold for Greenland's massive ice sheet? A team of scientists, led by UVM geologist Paul Bierman, is looking to its past for answers.

the Greenland Ice Sheet, below two miles of ice.

"We found organic soil that has been frozen to the bottom of the ice sheet for 2.7 million years," says Bierman—providing strong evidence that the Greenland Ice Sheet has persisted much longer than previously known, enduring through many past periods of global warming.

Greenland is a place of great interest to scientists and policymakers since the future stability of its huge ice sheet—the size of Alaska,

and second only to Antarctica—will have a fundamental influence on how fast and high global sea levels rise from human-caused climate change.

"The ancient soil under the Greenland Ice Sheet helps to unravel an important mystery surrounding climate change," says Dylan Rood, a co-author on the new study. "How did big ice sheets melt and grow in response to changes in temperature?"

The new research, supported by funding from the

National Science Foundation, indicates that even during the warmest periods since the ice sheet formed, the center of Greenland remained stable. "It's likely that it did not fully melt at any time," Bierman says. This allowed a tundra landscape to be locked away, unmodified, under ice through millions of years of global warming and cooling.

"The traditional knowledge about glaciers is that they are very powerful agents of erosion and can effectively strip a landscape clean," says

study co-author Lee Corbett, a UVM graduate student who prepared the silty ice samples for analysis. Instead, "we demonstrate that the Greenland Ice Sheet is not acting as an agent of erosion; in fact, at its center, it has performed incredibly little erosion since its inception almost three million years ago."

Rather than scraping and sculpting the landscape, the ice sheet has been frozen to the ground, "a refrigerator that's preserved this antique landscape," Bierman says.

Many geologists are seeking a long-term view of the history of the Greenland Ice Sheet, including how it moves and has shaped the landscape beneath it—with an eye toward better understanding its future behavior. It's 656,000 square miles of ice, containing enough water, if fully melted, to raise global sea levels twenty-three feet.

What is clear, however, from an abundance of worldwide indicators, is that global temperatures are on a path to be "far warmer than the warmest interglacials in

[QUOTE UNQUOTE]

Putin is really savvy. He's really savvy. I think the international community definitely underestimated him. Now they know.

Michele Commercio, associate professor of political science, who specializes in comparative politics, focusing on issues related to regime transition and ethnic politics in post-Soviet states

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millions of years,” says Bierman. “There is a 2.7-million-year-old soil sitting under Greenland. The ice sheet on top of it has not disappeared in the time in which humans became a species. But if we keep on our current trajectory, the ice sheet will not survive. And once you clear it off, it’s really hard to put it back on.”

[HISTORY] REVISITING VERMONT'S PAST AND SLAVERY

With humans and with history, a soft focus lens lets observers be swept up into beauty or myth or an idealized vision of reality. This has been the predominant view of Vermont’s relationship to the institution of slavery—firmly abolitionist, groundbreaking in its 1777 constitutional ban on the practice. But in his book *The Problem of Slavery in Early Vermont, 1777-1810*

Harvey Amani Whitfield, associate professor of history, examines a variety of primary documents from census records to runaway ads in local papers that reveal a more complicated pattern of beliefs and behaviors. Some blacks were free and able to exercise the rights of citizenship while some were sold, some held as slaves, de facto or otherwise.

Whitfield is clear, as he attempts to parse the motives and intentions of early Vermonters, that his goal is not to strip Vermont of its pride as a leader in the abolitionist movement, noting in his book that the 1777 provision “stands as an important monument to the slow legislative strangling of slavery in the North.” But neither is it appropriate to squint past the facts. “My argument,” says Whitfield, “is simply that it is not fair or good for people who are interested in black history to have an overly simplified view of what life was



like in Vermont in the eighteenth century.”

The problem starts with the antislavery provision itself: it allows for the holding of children as slaves until the age of eighteen for women and twenty-one for men. In terms of prohibition, Whitfield notes that the founders use vague, weak language. The article states that no adult born in this country or brought from overseas “ought to be holden by law, to serve any person, as a servant, slave or apprentice....”

“Maybe this seems like a minor thing,” Whitfield says of the choice of the word “ought” rather than “shall” or other declarative, “but language is important. These people aren’t stupid—they knew what they were doing.”

What inspired Vermont’s founders to denounce the practice of slavery in principle but not practice, even tacitly approving child slavery? It’s impossible to know, Whitfield says, though there appears to be a mixed bag of motives conveyed both by their actions and inactions. Clearly natural

Vermont and slavery had a complicated relationship, Professor Amani Whitfield suggests in his new book.

rights philosophy, stated in the constitution, speaks to their call for freedom. And yet, Whitfield argues, these same ideals that have colonists at war against the British crown, with their rhetorical metaphors of political enslavement, fundamentally distanced the founders from people who were actually enslaved.

Whitfield acknowledges that the framers of Vermont’s constitution were breaking new ground, that they had no legal models from which to draw. Sharpening the focus reveals largely unsurprising things, that history and humanity are flawed. But Whitfield believes it’s worth looking. “Racism exists in Vermont. I know that’s something that people don’t want to talk about, now or then,” he says. “I’m not saying it’s terrible, but I am saying if we ignore it I don’t think that does us any favors for the future.”



One state’s lessons

Small-town democracy. Historic preservation. Women in leadership. Sustainable agriculture. As idea began to morph into book project, Kevin Graffagnino ’76 G’78 connected with Nick Muller, former history professor and his mentor since undergraduate days at the university, to brainstorm areas in which the state of Vermont stands out as a national leader in creative, innovative approaches.

Two more editors, David Donath ’73 G’78 and Kristin Peterson-Ishaq, would eventually join Graffagnino and Muller, as the scope of the project that would become *The Vermont Difference: Perspectives from the Green Mountain State* (Woodstock Foundation/Vermont Historical Society) grew into eighteen essays grouped under four sections—Government & Politics; Economy & Environment; Heritage & History; Education, Culture & Society. The UVM connections are deep and many, Graffagnino notes, with most of the essayists or editors having some link to the university. That includes alumni such as Madeleine Kunin G’67, Ben Rose G’90, and Tom Slayton ’63; professor emeritus Frank Bryan and staff member Peterson-Ishaq; and even a past president in Tom Salmon.

Graffagnino, director of the University of Michigan’s William L. Clements Library, has his own deep roots in Vermont and the state’s history. Raised in Montpelier, he helped put himself through UVM with an antiquarian book-selling business, specializing in Vermontiana, that he started in high school. In 1978, his UVM bachelor’s and master’s diplomas very fresh, he began a seventeen-year run as curator of the Vermont collection at Bailey/Howe Library. Though his career as a librarian and historian would eventually take him beyond the state’s borders, his Vermont interest and ties have remained firm, including a period as executive director of the Vermont Historical Society.

The book’s genesis traces to 2007, when Graffagnino delivered what he calls a “Vermont 101” talk to a group of college presi-

dents, many from land grant universities, meeting in Stowe. They were particularly interested in taking home ideas that could boost their own schools and states. As he put together that talk and reflected on it afterward, he saw more places where the Vermont experience had relevance in a national discussion.

“I was struck by the breadth of areas in which Vermont does have lessons to impart,” Graffagnino says. “It’s not just skiing. It’s not just maple syrup. It’s not just scenery. I think of Tom Salmon’s good essay on the tradition of higher education service to Vermont or Ellen McCulloch-Lovell’s beautiful piece on artists and arts organization. There was a Vermont Council on the Arts before there was a National Council on the Arts. Vermont had the first state symphony orchestra.”

The Vermont Difference, as a whole, is a beautiful piece. Graffagnino credits book designer Brian Prendergast for taking what in other hands might have been a visually ho-hum collection of essays and crafting it into a lavishly illustrated volume to treasure. J. Brooks Buxton ’56, one of the project’s supporters, also aided in the effort through the use of art from his personal collection.

“This book isn’t about Vermont exceptionalism,” Graffagnino says. “It’s not about Utopia. Vermont isn’t perfect—all of the essays say this quite openly. It’s about substantive things that Vermont has to teach the rest of the country, as other states have substantive things to teach us. There should be fifty of these books rather than just one.”

—Thomas Weaver

JUST RELEASED

[BRIEFS]

Night of the World: Traversing the Ideology of Objectivity
Zero Books

Frank Smecker ’12

One month after graduating, alumnus Frank Smecker signed a book deal. That fact becomes more impressive when one considers the scope of the project: ideology, objectivity and Hegelian and Lacanian philosophy, with a heavy dose of Zizekian dialectics. Smecker, who came to UVM after a decade of touring in bands, immersed himself in the study of cultural critic Slavoj Zizek, a repeat visitor to the university thanks to a friendship with English professor Todd McGowan.

Mending Horses
Holiday House

M.P. Barker G’85

Alumna M.P. Barker, who earned her UVM master’s degree in historic preservation, is a historian, archivist, and author of historical fiction. Her first novel, *A Difficult Boy*, was an IRA Notable Book for a Global Society. She follows it with another novel for young readers, *Mending Horses*, set in New England in 1839. “Fluid writing and a true sense of history raise this well above the usual. Barker’s characters are nuanced, difficult, and real,” writes *Kirkus Reviews*.

Starting with the Destination in Mind
Philip Spillane ’80

Drawing on years of professional experience as a certified financial planner and wealth advisor, alumnus Philip Spillane provides an easy yet effective wealth building process. Spillane’s book is notable for cutting through the jargon of financial planning, making the process far less intimidating and far easier to understand and put into action. philipspillane.com



ON THE WALL

Through April’s chill and rain and, yes, snow, Sarah Rutherford ’06 persisted to create a beautiful new mural along the exterior wall at Living/Learning. Read about Rutherford and the work at vermontquarterly.wordpress.com, April 18 blog post.

CATAMOUNT SPORTS

THE GREEN & GOLD: WIN, LOSE, OR DRAW

Letting it fly

Javelin star helps lead track and field team to next level



UVM's Frank H. Livak Track and Field Facility, a nine-lane oval that still exudes a rubbery new track smell, strangely pleasant on a warm spring day, has been in use for two seasons. But the track's coming out party didn't happen until this May 3 and 4, when hundreds of athletes hit the surface to run, jump, and throw in the 2014 America East Track and Field Championships.

"We've never hosted a meet here this big," Nika Ouellette, a team captain and three-time All-America javelin thrower for the Catamounts, says several weeks before the event. "It's been a fantasy for us—trying to imagine the intensity of

hosting it. This is one of the finest facilities in the Northeast, and this is a great opportunity to put this track on the map."

Not only did the track distinguish itself at the meet, so did the UVM team. Ouellette took her fourth conference championship in javelin and teammates earning championships included Nikki Braceras (10K), Cassie Marion (long jump), Brittany St. Clair (heptathlon), Kirsten Weberg (steeplechase), Yolanda Nagarambe (800), and Mallory Duncan (400 hurdles) and Aaron Szotka (10K) for the men. The women took second as a team; the men, fifth.

Vermont has a proud legacy of elite

track and field athletes, starting way back with Albert Gutterson, gold medalist in the long jump at the 1912 Olympics. In the modern era, distance runner Judi St. Hilaire '81 and hammer thrower Anna Norgren Mahon '96 have competed on U.S. Olympic teams.

Ouellette is the latest in the line to compete at a national level. A native of Brookline, Massachusetts, she came to UVM with a certain leap of faith. The track and field facility was still in the planning process when assistant coach Greg Wisser

by Thomas Weaver

convinced her that the school's combination of athletic opportunities and strong academics in environmental disciplines made Burlington the place to be.

Ouellette is an environmental studies major with a minor in plant biology. Faculty members Jeffrey Hughes and Rick Paradis both offer high praise for her work. Hughes notes that though she was the lone undergrad in one of his graduate level courses, the quality of her work and depth of her engagement were the equal of anyone in the class.

While keeping an eye on his throwers' technique at a recent practice, Coach Wisser jokes: "Nika? We can't wait for her to graduate and get out of here," before getting serious and speaking to the athlete's work ethic, mental tenacity, and team leadership.

A baseball player since age three, Ouellette's preferred position was pitcher. Of her introduction to javelin in high school, she says simply: "It was something to throw. But I fell in love with the mentality of it, the toughness. My baseball career didn't go further after that."

Initially she relied mostly on that strong arm, but in college she has grown as a thrower, gaining speed and strength and refining her technique under the guidance of Wisser. "It's all about the momentum. If you can generate enough speed, if you can take all of that, stop on a dime, and whip it all through, it's going to translate into the throw."

That translation will look something like Ouellette's school record throw of 50.01 meters. Let's give that some context. A women's collegiate javelin is about seven feet long, weighs about one pound. Imagine throwing that from the fountain at

the center of the UVM Green to the Ahli Baba's truck parked in front of Williams Hall. (Don't try this at home. As Ouellette says of the javelin: "It's a spear.")

When the javelin is thrown well, Ouellette notes, the thrower knows it immediately. "You still feel attached to it as it flies. You really feel it hit the ground, as well. There's something weird about it. I can't fully explain it—you just have to feel it," she says.

Ouellette closed out her UVM career with another trip to the NCAA Track and Field Championships, held this year in the sport's mecca, Eugene, Oregon. Following up on a school record performance in the preliminary round two weeks earlier, she finished thirteenth in the finals. Post-graduation, she plans to move to the Washington, D.C., area, pursue work in the environmental field, and keep flinging the javelin. "This sport is something that has defined my adult life," she says, "and I won't walk away from it very easily."

Proud as she was of her individual performances, Ouellette was just as excited that the UVM women took second overall in the conference meet. Disparate as track and field athletes are in their wildly differing events, she stresses that they are one as a team.

"I defy anybody to try to get through a year of what we do without the support of teammates. It is a really lonely road to go down," Ouellette says. "Having somebody yell for you when you're running hundreds or cheer for you when you're trying to do pull-ups or squats or whatever, it adds a sense that 'OK, I can do this. Because I'm doing this not just for me, but for my team.'"

Rally Awards celebrate student-athletes

The University of Vermont Athletic Department hosted the tenth edition of its annual Rally Awards, presented by XFINITY, in early May at the Flynn Center on Main Street. The department honored each team's MVP and senior student-athletes. A rundown follows of the seven major awards annually bestowed by UVM Athletics.

JEFF STONE MEMORIAL AWARD

Danielle Rancourt, women's hockey
Tyler Parent, track and field

UNDERCLASS ATHLETIC ACHIEVEMENT AWARD

Kristina Riis-Johannessen, alpine skiing
Mario Puskarich, men's hockey

SEMANS TROPHY

Yolanda Ngarambe, track and field
Luke Apfeld, men's basketball

RUSSELL O. SUNDERLAND MEMORIAL TROPHY

Eva Wimberley, women's swimming
and diving
Nate Billings, men's lacrosse

WASSON ATHLETIC PRIZE

Anja Gruber, Nordic skiing
Scott Patterson, Nordic skiing

J. EDWARD DONNELLY AWARD

Kate Ryley, alpine skiing
Brian Voelkel, men's basketball

ATHLETIC DEPARTMENT AWARD

Bill Willey '66 received this honor presented annually to a member of the faculty, staff, or community in appreciation of loyal support and continuing devotion to the UVM athletic program.



Behind the bombs and bullets

An ordinary life in Kabul

by Ian Lynch '12

Taverna du Liban represented the new Afghanistan. It was a place where foreigners relaxed and the newly free and wealthy class of Afghans spent their evenings. The owner was, by all accounts, a fantastic fellow who treated every patron like a dear friend. No wonder the place was always packed on Friday nights. No wonder it was targeted by the Taliban.

I felt relatively safe during my six months in Afghanistan, as have most foreigners living in Kabul the past few years. I took few risks and spent most of my time hard at work volunteering as a science teacher and director of academics at the School of Leadership, Afghanistan (SOLA). Other expats I know walk the city alone and hail local taxis without a hint of fear.

Taverna du Liban was the sort of place that folks of all sorts felt safe. It was on a police-patrolled street in Wazir Akbar Khan that is closed to unauthorized vehicles and guarded at the ends by police posts. Past the barricades sits a quiet street lined with steel doors. Behind each sit guards with automatic weapons. On January 16, 2014 I happily dined at a restaurant just a few doors down from the Taverna.

On January 17, 2014 that sense of security was viciously violated when the Taliban carried out a precisely executed attack on the Taverna. After sneaking past police patrols one attacker blew the door with a suicide bomb and two others rushed in guns chattering. The killing went on till the police responded and shot the attackers. Among the twenty-one dead were thirteen expat civilians. These were people who were here not to fight a war, but to build a nation.

The evening of the attack, I was moderating a discussion between a human rights expert and our students. Just like in my science classes the students were fired up and full of questions for the guest speakers. In the United States, even at the college level, teachers have to deal with bored, disengaged students. At SOLA that has never been

a challenge. The girls' endless hunger to learn makes teaching them easy and fulfilling. The Afghan education system is still vastly inadequate, but efforts like SOLA make a huge difference on an individual basis. Its students are primed to become strong leaders for their country. One fourteen-year-old

girl already has a plan mapped out for founding Afghanistan's first steel factory.

The day after the Taverna attack I learned that my students' exuberant passion for learning probably saved my life. The school's president had planned to take us to the Taverna that night, but abandoned the plan when the human rights discussion went overtime.

The Taverna is not the last time I experienced proximity to unfathomable tragedy. In my last two weeks in Kabul, the Taliban made good on their promise to disrupt the elections. Bombs went off in my neighborhood and gunfire ripped the air every few days and finally daily in the lead up to my departure on March 30.

These events never changed my comfort level or outlook. This may sound strange. You know what? I think it's incredibly strange. On face, it makes sense the Taliban would attack a restaurant filled with expats and Afghans who accept their presence. This is an important year for Afghanistan with the elections and the NATO force draw-down looming on the horizon. The Taverna massacre was a statement from the Taliban in this time of change. Their goal was to say no foreigner is safe in Kabul even now while the soldiers are still here. The now daily violence leading up to the elections on a myriad of targets further cements that message.

When I read about the attacks of the last few months and references to past attacks, I realize that such assaults are new territory for the Taliban. All the bombings for a good while before the Taverna were on embassies, NATO-controlled bases, and the like. In other words: symbols

of Western power in Afghanistan. These places are heavily fortified, and bombings rarely rack up a body count. The Taverna was the first time in ages that an establishment of civilian life was attacked.

This increasingly bloody spring exhibits the fearsome capabilities of the Taliban, but it also exposes them as the gang of thugs that they are. They have shown they are happy to attack places of recreation enjoyed by Afghan and foreign civilians alike. These are not the acts of a coming revolution; they are the acts of desperate ruffians carrying out their own agenda. I have found the Afghan people to be just as distraught over the massacres as the global community if not more.

This brings me back to the strangeness of my lack of fear. I realized a few nights after the Taverna attack why I am not afraid. Just days after the attack I watched SOLA students and staff dressed to the nines fill taxis on their way to my colleague's wedding. When they returned, the kids were delirious with the joy of celebration, the memory of a brutal massacre of civilians just six days earlier the furthest thing from their minds.

My students are just kids, and despite the violence that passes on occasion, they're just living their lives the way any kid would. They go to school, they study, they have dreams, they play games, they laugh, they cry, they sing and dance. Make a video of their daily life and place it next to that of a kid in Vermont and the differences will be geographic, not substantive.

When you live in Kabul and meet the shopkeepers, the students with their unbridled love of learning, the expats and Afghans who spend each day working to improve justice, education, public services, and industry, you realize there are too many people that love their freedom for the Taliban to reconquer this nation. Some provinces may be a different story, but in this city the populace rousingly rejects the violent minority that is the Taliban. They are now but criminals pursuing their own fanatical interests while something like normalcy plods along each day. While complacency would be folly with such a potent source of conflict in this society's midst, I think every



Kabulian is well within their right to dream of a bright future so long as they are willing to work towards achieving it. The hundreds-long queue of people waiting for election registration cards each day amidst the ongoing attacks suggest they are.

Some are disappointed that the presidential election on April 5 resulted in the need for a runoff election. True, another round of elections postpones the transition and will cost significant resources to secure, but I think the elections were quite successful. Despite a bloody March, 58 percent of eligible Afghans voted, and there were no major terrorist attacks on the day. The next day people were in the streets thanking their police and soldiers for a peaceful election. Kids who normally play-act gun battles on the street instead played mock voting games. If the results dictate a runoff, so be it—the people will vote, and the security forces have shown their competency.

The statistics and sensational news articles paint an increasingly scary picture of life in Kabul. The thing is, our minds aren't structured to respond viscerally to numbers on a page. Even though I am not numb to the images of misery I see in news reports and Facebook updates, they were not the cornerstone of my life in Kabul. Every Afghan I met is dedicated to building a better future and welcomed me with open arms. My students continue to inspire me with eagerness and resiliency that is far beyond their ages. Fear is relegated to the back of one's mind when surrounded by so much good.

UVM PEOPLE

by Thomas Weaver
photo by Mario Morgado

Liz Paley '88

AT WORK

A twelve-year veteran of one of the most iconic fashion brands, Liz Paley is senior vice president of brand and business development at Ralph Lauren Corporation. Prior to her current post, Paley helped build the company's in-house ad agency and oversaw wholesale marketing, endeavors that drew on the first fourteen years of her career in advertising/marketing with NYC-based firms such as Grey Advertising and Ammirati Puris Lintas. "Part of what has made this an interesting and exciting place for me is the ability to stay within a company and working with a brand portfolio that I love and respect, but to have my role and responsibility and experience change over time so I'm always learning something new," she says.

CAREER GUIDE

Both as a Ralph Lauren executive and as a UVM alumna, helping others launch and develop their careers has long been a passion for Paley. Soon after graduation, she became a highly active volunteer, giving her time and expertise for New York City career networking events, a commitment that is still going strong. A member of the School of Business Administration's Board of Advisors, Paley leads a sub-committee focused on career development. Talking with young people who reminded her a bit of herself in their professional searches drove Paley to share her own experience with that "figuring it out" stage. "The more I felt like I was helping, the more students I wanted to impact," she says.

UVM DAYS

Paley, who studied political science and English in college, remains a strong believer in a liberal arts education. But she also counsels current students about the importance of internships to gain experience, steps she herself took as a student to learn about the advertising field. "Don't think that your academic and professional experience are disconnected even if they are different," she advises undergrads. "Start early figuring out what it is that you're passionate about, what you love about your major, and what other people who have studied what you're studying do for a living." Paley gets back to Burlington a few times a year and counts the Green and University Row as her favorite places on campus. Downtown, it's breakfast at Henry's Diner or a post-board meeting cup of coffee with a student at Uncommon Grounds.

DOWN TIME

A lifelong New Yorker aside from her college years, Paley loves exploring the city and all it has to offer culturally—art museums and galleries, theater, lectures, and the latest up-and-coming neighborhoods in Brooklyn. She and her boyfriend are avid cyclists, who often head to Central or Prospect parks or cross the George Washington Bridge to ride outside the city. "I kind of run at the same pace on the weekends that I do during the week, just focused on other things. I'm not really big on downtime or sleep," she says.

VQ



Divisive dogma and polarizing politicians may be increasingly the norm in Washington, D.C., but things are typically more civil under the gold dome in Montpelier, Vermont. Republican Lt. Gov. Phil Scott and Democratic Speaker of the House Shap Smith share a heritage as UVM alumni and similar skill in the rare art of reaching across the aisle.

BRIDGE BUILDERS

by Jon Reidel G'06

Phil Scott '80 has spent much of his life moving between two distinctly different worlds. In one, he's an industrial arts-loving vocational student who opened a motorcycle repair shop, worked construction, and still races stock cars. In the other, he took college prep courses, earned his degree at UVM, and became a successful businessman and political leader, Vermont's lieutenant governor since 2010.

Call them what you will—technical versus academic, blue collar versus white, country versus city—spanning these different domains has earned the state's second-highest-ranking official the respect of legislators from both sides of the aisle and from Vermonters of all walks of life.

Scott, co-owner of DuBois Construction in Middlesex since 1986, appears just as comfortable presiding over the senate as he does hanging out at Thunder Road in his hometown of Barre, where he still races on Thursday nights and is the winningest driver in the modern era.

Under the dome in Montpelier, Scott's ability to connect broadly once earned him a spot as chair of a senate committee, though he was one of just two Republicans represented. Democratic Gov. Peter Shumlin asked Scott to join his cabinet, a designation not automatically assumed by Vermont's lieutenant governor.

"I've never seen Phil do anything that was politically motivated," says Sen. Dick Mazza of Colchester, a Democrat. "He does whatever is in the best interest of Vermonters. I like his fairness and the fact that he treats everyone with respect and gives them a fair shake. He doesn't like to take credit for things he's done, many of which go unrecognized, and that's rare for a politician."

Scott says, "I don't have much patience for political games. I think people know who I am. If I'm not what they want, I'm ok with that, but I don't want to change to be someone else."



Photograph by Sally McCay

Scott is a fiscal conservative with a touch of libertarianism who occasionally votes for socially liberal issues like marriage equality. He's thrifty by nature; while his peers attending recent meetings of the National Governors Association mostly took limos from the airport to the hotel, Scott opted for a \$3.05 ride on the Washington, D.C. Metro. "I have a Libertarian streak in me that I think has guided me in different ways," he says. "I have to look myself in the mirror the next day, and there is something liberating about knowing you did what you thought was the right thing."

Scott is deeply influenced by the memory of his father, Howard, a World War II veteran who lost his legs, teeth, and part of his liver when a land mine hit his tank during the D-Day Invasion. A series of Western Union messages sent from Walter Reed Hospital to Scott's grandmother indicated that her son's condition was grave: "It doesn't look good for Howard. He isn't doing well. He has hepatitis. His condition is grave." After two years in the hospital, however, Howard Scott returned to Vermont, where he worked for state government in vehicle permitting, married Marian Beckley in 1955, and raised a family.

"I thought a lot about my father when I voted against Death with Dignity," says Scott. "Doctors could have asked my father 'Do you want to call it a day? Because we don't think you are going to make it' and given him something for the pain and let him check out on his own. Had he taken that route, I would not be here today, and that resonated with me. The Death with Dignity vote was a difficult decision, but my background, history, and family brought me to where I was—which is how we form our opinions, based on these experiences." After leading a full life despite the trauma of World War II, Howard Scott passed away in 1969.

When Phil Scott was a teenager, his mother was remarried to Bob Dubois, co-owner of Dubois Construction. Scott started working construction in the summer, delivering newspapers, mowing camp lawns at Lake Elmore, and taking a youthful venture into entrepreneurship with the purchase of a paddleboat that he rented to campers.

"I've tried to bring that work ethic to this office," says Scott, whose day starts with a stop at Dubois Construction at 6:30 a.m., then on to the statehouse by 8 a.m. Job creation is one of his top priorities, he says, and part of the reason he started the "Vermont Everyday Jobs Tour" that took him to dozens of businesses. Scott says, "It confirmed my belief that we have an affordability crisis. I worked alongside a lot of people working two or three jobs and not making ends meet. I see them at Thunder Road in

the pit area, just regular folks trying to get by."

For his college years, Scott's dueling desires to work with 'anything mechanical' and to become a teacher led him to the University of Maine at Gorham (now the University of Southern Maine) to become an industrial arts teacher. He eventually transferred to UVM, where he graduated with a bachelor's in industrial engineering and a teaching certificate. But the immersion of the student teaching experience gave Scott a sense the profession wasn't for him after all. Calling on both his mechanical and entrepreneurial inclinations, he opened a motorcycle shop in Morrisville.

A series of frustrating experiences with government, including a cease and desist order from the Act 250 Commission after he'd finished building about 90 percent of a new motorcycle shop, prompted Scott to enter politics by "naively," as he puts it, running for the state senate in 2000.

"I can tell you with certainty that I didn't have a political bone in my body until I was in my thirties," Scott says. "I don't have to be in politics; it's not something that drives me. Some people are devastated if they don't get elected to a certain position; I'm not one of them. So if I were to lose tomorrow, life would go on. I'd feel good about my time serving Vermont."

SHAP SMITH
It's day thirty-one of the 2013-14 Vermont legislative session, and the docket before the Vermont House of Representatives looks somewhat dry. Gas pipeline safety, veterinary dentistry, and a resolution congratulating the Montpelier Bridge on its twentieth anniversary are among the agenda items. But things start to roll when Speaker of the House Shap Smith '87 walks into the chamber. He chats with legislators, cracks a few jokes, looks over his notes, then walks to the podium and brings the room to order with the pound of his gavel.

You wouldn't know it from his demeanor, but the six-term representative from Morrisville, known for his quick wit and boundless energy, finds the job he's held since 2009 a bit lonely and not unlike that of a traffic cop. That said, he loves almost every second of it.

"I enjoy the job, but it can be incredibly intense and is much more all-encompassing than I ever thought it would be," says Smith, who graduated from UVM with a degree in political science. "One of the biggest challenges of being in the speaker's office is that it can be isolating. Even though you see a lot of people, they are sometimes less inclined to be as forthright as they might be with oth-

ers because of the power of the position. So trying to pull that out of people is challenging. You have to figure out who you can trust to give you the straight scoop."

Smith, an attorney and shareholder with the Burlington law firm of Dinse, Knapp & McAndrew, has received high marks for his performance in a job known for rapid turnover, brutal hours, and little gratification. "You better take advantage of the good cigars," U.S. Speaker of the House Tip O'Neill famously said, because "you don't get much else in that job."

"I'm always trying to get the pulse on issues by trying to understand the people who are making the decisions, what's important to them, and where you can push and where you can't push people," Smith says. "You have to be a really active listener in this job to be successful. The more that you're talking, probably the worse job you are doing. In the end, while the policy is incredibly important, it doesn't happen if you don't understand the people who are making it. And I enjoy that part of it."

Vermont Governor Peter Shumlin says Smith has a rare skill for building consensus among disparate groups. "I've worked with a lot of speakers over the years, and he has to be considered the best, most capable speaker in recent memory," says Shumlin. "Part of the reason for Shap's success is that he's a bright, thoughtful person who people want to work with, laugh with, and just be around."

Rep. Carolyn Branagan, a Republican from Georgia, Vermont, joined the house the same year as Smith. "I really respect him as speaker, and I trust him as a fellow legislator and as a friend," she says. "We are from different parties and don't often vote together, but I feel that I have access to him in spite of that. He's always willing to share ideas with me."

Smith says his job would be impossible without adhering to a strict daily schedule that starts at 5:45 a.m. with a check of his legislative email. After getting his two kids ready for school with wife and fellow UVM alum Dr. Melissa Volansky '89 MD '96, he drives to Montpelier, surfing the radio between Vermont Public Radio, WDEV, and the Newstalk 620 WVMT for the news and issues that might influence the day's agenda. He then joins about a dozen "early bird legislators" to get a sense of the buzz about various bills under consideration before meetings with the leadership team, house members, senate leader-

“ In the end, while the policy is incredibly important, it doesn't happen if you don't understand the people who are making it. ”

ship, the administration, advocacy groups, and constituencies. Keeping an eye out for potential jams in the legislative flow, places where intervention and conflict resolution might be called for, is a high priority.

A runner since his high school years, Smith makes the time amidst the mayhem for five miles or so daily. He says it's essential to clearing his head, maintaining perspective. Smith competed in cross-country for one year at

UVM, but mostly his priorities were elsewhere. He was active in student government, the Boulder Society, and his fraternity, worked as a resident assistant, and led campus tours for the admissions office.

Smith arrived on campus a Republican, but soon realized he thought more like a Democrat. "I wasn't a particularly avid Republican when I got to UVM; I was pretty wayward actually," he says. "Shortly thereafter I self-identified with the Democrats. I think it probably had to do with divestment from South Africa, which I voted for in the student senate. All of my experiences at UVM shaped the person I am today in a really positive way."

Smith earned his law degree from Indiana University, then worked with a New York City law firm for several years before returning to Vermont and joining his current firm. He ran for the Vermont House in 2002 and has built his legislative career with a particular focus on issues around education, poverty, infrastructure, and the environment.

Smith says he'd like to serve the state in a different capacity at some point in the future, but those considerations take a back seat for the time being. "For me, it's really important to live in the moment of what I'm doing," Smith says. "If I'm thinking about what my next step is, I'm worried that I'm not doing the job that I should be doing now."

Smith is grateful for Montpelier's relatively cool political climate and spirit of cooperation. "The majority of the time legislators are going to put aside their partisan differences to try to make sure that we do the things that are going to make Vermont a better place. We get a lot of things done and have the opportunity to do a lot of different things that many other states wouldn't because of our size and scale. There really is a personal touch to the legislature that does not exist in other places." **VQ**

MAKING CHANGE



Alumni Nat Koloc and Evan Walden, center, with friends and colleagues from their innovative employment start-up, ReWork.

*Alumni's company re-imagines
the meaning of work*

by Amanda Waite '02 G'04

“**H**ey, man, do you want to make some money?” Nat Koloc '08 was quick with his pitch when he called Evan Walden '09 to propose joining him in ad sales at the *Vermont Cynic*.

So it was that the duo, who met in a UVM Honors College class, first morphed their friendship into something like a business partnership five years ago. But while pocket change was the motivation for two college kids selling ads at the student paper, today they're in business to answer a higher calling. ReWork, their Boulder, Colorado based start-up, helps match companies making a difference on some of the world's most pressing issues with talented employees who share that commitment.

Launched in 2012, ReWork provides a solution for people trapped—or who fear becoming trapped—in cubicle land, clocking hours doing a job that doesn't feel meaningful. The expectation that a job should align with your values and be in service to a mission you care about is especially prevalent among the Millennial Generation, they say. “So many people of this generation—and not even just Millennials, but people of this era—are feeling like they want more out of work. And they aren't sure what to do about it,” Walden says.

That's where ReWork comes in. It's connecting professionals to hiring managers at companies that are part of the “purpose economy,” or organizations with a mission that's not purely profit-driven. That includes companies that are improving delivery and access to education or healthcare, for example, or working in the realm of microfinance and global poverty, or organic and natural foods. By helping these companies hire staff who are passionate about their mission, ReWork is increasing the odds that the organizations will survive and that their work might deal a blow to these chronic issues.

photographs by Rebecca Stumpf



Looking for meaningful work? Join the 11,000-plus professionals in ReWork's talent pool by completing a free profile at ReWork.jobs.

"Hiring is arguably the most important thing you do as an organization," Koloc says. "And entrepreneurs typically don't know anything about the best practices of hiring. Because of that, there's a lot of turnover that happens early on, and that's just the worst time to make a bad hire. Bringing someone on who doesn't fit the culture you're trying to build or someone who doesn't have the skills needed for the job is just a huge hit." And when that hit happens to a company developing renewable energy sources, for example, it matters.

Their focus on companies in the social and environmental impact sectors isn't the only difference between ReWork and a traditional recruiting firm. Rather than placing CEOs, CFOs and COOs, ReWork focuses on the middle of the organization chart. Both decisions are connected to the company's values, but both also make sense from a business standpoint. There are many more mid-level jobs to fill than top-tier positions, and their target industries have seen growth in the past years, avoiding the slowdowns of the global recession—in other words, more opportunity to place more people.

Koloc and Walden hit the job market themselves at the recession's depths. Koloc recalls struggling to find something that would help move the needle on these issues, which were also the focus of his self-designed global human impact studies major. For two years, he bounced from fundraising, where he raised \$1 million for non-profits in his native Pittsburgh, to outdoor education leading trail crews, to manual labor in the form of rain barrel and insulation installation. "Nothing was the right mix of having a good paycheck, professional development, and having an impact," he says.

So Koloc entered a graduate program in Sweden, earning a master's of science in strategic leadership toward sustainability. Returning to the United States, he applied to the Unreasonable Institute in Boulder, a think tank for entrepreneurs looking to find solutions to the world's problems. There, he worked with mentors on an idea that was a precursor to ReWork, a fellowship-based program similar to Venture for America. But Koloc wasn't convinced that idea was scalable enough to make

a dent in the issues he so passionately wanted to address.

Meanwhile, Walden, a business major who'd always felt the pull of entrepreneurship, knew when he graduated that he wasn't ready to start a business. "If I'm not going to be an entrepreneur," he reasoned at the time, "then I should just go out and get the biggest job I can possibly find at the biggest corporation, learn as much as I can, save a bunch of money, and figure it out after a few years." Walden says. "And that's what I did."

A position with Dow Chemical helped him realize another dream: a move from the Northeast (he grew up in Albany, New York) to California. There, he sold pesticides in a sales area comprising six counties. While he says the mentorship he received at the job was "amazing," ultimately the position didn't feel like the right fit. "I would go to these corporate meetings and people would pull me aside and confess, 'I eat organic food!' And I thought, 'Oh my God. There are probably people all over corporate America who are just playing the game. But they don't realize what else is out there for them.'"

So when Walden visited his college pal at the Unreasonable Institute in the summer of 2011, they worked for two days straight to brainstorm ways of improving Koloc's concept. The exhilaration of the work ruined Walden for his return to the chemical sales world. "I came back for about two weeks and couldn't focus on anything. I was just obsessed with the idea of what he wanted to build," he remembers. He booked a flight back to Boulder and told Koloc that if he and his then partner, Abe Taleb, wanted to get the new idea going, he'd quit his job and move to them. He did just that the following Monday, and the three founded ReWork. The mentorship of the Unreasonable Institute has continued to benefit the fledgling company, which has worked with more than ninety companies and organizations so far.

Walden and Koloc also trace their inspiration back to UVM. Part of the Honors College's inaugural class entering in 2004, Koloc remembers visiting the university and being "blown away by Bob Taylor and Don Loeb explaining what they were going to do in the Honors College." One speech that Taylor, the college's first dean, gave to that class made a lasting impression on Koloc. "He said his only hope for us in college was that we'd fall in love with something—whether a study or a person. It was this amazing, powerful speech, and it's what we care about at ReWork. What we think matters is meaningful work," Koloc says. "The world would be a better place if people were connected to what they do." **VQ**

Hillel's big tent



by Jay Goyette

SEDER: Translated from Hebrew into English, the word means "order." And as UVM Hillel celebrates Passover in April, the seder dinner is, to a large extent, about order, ritual prayer and food and song. But it is also about the certain disorder you get when 140 college kids come together in the Davis Center—passing food, pouring grape juice, sharing stories, reaching hands across crowded tables adorned with candles.

As Matt Vogel, Hillel's executive director, leads a prayer from the front of the room, there's a sudden ruckus at one table. A candle has been tipped over, a paper napkin kindled. The moment isn't about imminent danger, but embarrassed laughter. Vogel pauses in his prayer—jokes, "It isn't a seder without a fire or burning bush"—and resumes the ritual.

"It's like an extended family," says junior Emily Goldhill, a political science major from London, England, and vice president of UVM Hillel. "I was always with family on Jewish holidays, so it's really great to have that tradition I grew up with right here on campus."

UVM's seder mixes solemn reverence for Jewish tradition with whimsy like a performance by the Kosher Katz (billed as UVM's only Jewish *a cappella* group). There are songs that all will remember from their own family celebrations, and there are opportunities to share personal traditions. One student stands up with his guitar and strums the chords to the Grateful Dead's "Ripple," and many sing along: "If my words did glow with the gold of sunshine/And my tunes were played on the harp unstrung/Would you hear my voice come through the music/Would you hold it near as it were your own."



The energy and deep bonds evident at the seder evening late in the spring semester illustrate what has been happening all academic year at UVM, as a major financial gift from an alumni family and the arrival of a dynamic new executive director have reinvigorated the UVM chapter of the organization that meshes Jewish faith with college life.

Hillel director Vogel says he was attracted to a career in the organization because of a deep-seated personal desire. “It sounds grandiose,” he says, but that amounts to an impulse “to change the world and, really, leave the world in a better place than where we found it. There’s a Jewish principle around that called *tikkun olam*, and it means ‘to repair the world.’”

While Vogel’s ultimate objective in helping shape the

UVM Hillel’s new executive director Matt Vogel, top, has helped reinvigorate the Jewish student organization. April’s Passover Seder drew many to the Davis Center.

Vogel says he loves working for Hillel and interacting with students on a daily basis because “that value of leaving the world in a better place than where we found it is a deeply Jewish value—particularly at UVM where so many students want to participate in public service and give back and really have that concern and consciousness for others around them.”

spiritual, moral, and emotional development of young people is global, it begins locally with building a vibrant UVM Hillel.

“We want to get to a place where students come to UVM because of the great Hillel,” he says. He sees UVM Hillel having tremendous potential to play a lead role in student and campus life, particularly in view of what he calls a “transformative” \$1 million gift commitment from Dan ‘55 and Carole Burack to enable the growth of Hillel’s activities and achieve higher visibility on campus.

“A gift of this magnitude enables us to do so much more, to be able to have the resources and the reach to bring in top speakers and top leaders, and to be able to hire interns who can build relationships. That’s the only way we can grow, and their gift gets us there.”

The Buracks’ investment in UVM Hillel and the possibilities that would open up were strong inducements for Vogel to take on the role of executive director for the Vermont organization. Vogel came to UVM last fall after a six-year stint in that same capacity at Baruch College in New York City, where he helped build the school’s Hillel organization into one of the nation’s most successful.

Dan Burack says he hopes his and Carole’s gift to Hillel will enhance the entire student experience at UVM. “Wherever you have an active, thriving Hillel on a college campus it’s good for campus life, good for the institution as a whole, good for students, faculty and the entire campus community,” he says. “The future is investing in young adults in the most formative period of their lives.”

Peer-to-peer connections is one of the approaches Vogel says is key to building a strong and vital Hillel community. “It really is that theory of concentric circles,” he explains. “We asked our interns to build relationships with their core group of friends first and then their friends’ friends. It’s only by having a core group of students and staff that really understand it is relationships that matter, that we can really help Hillel become what it could be. And that means being a leader on campus in creating positive change.”

Though Vogel and his small staff provide critical support, UVM Hillel is a student organization. For academic year 2013-14, the student president has been Lauren Schlanger, a human development and family studies major who also competes on the varsity track and field team. Schlanger says her involvement with Hillel started early on in her time at UVM and became an increasingly important part of her experience every year.

Like many of her peers, Schlanger leans toward community involvement when she thinks about life after college. She’s been accepted for a position in a national organization called City Year, which works to bridge the gap in high-poverty communities between the support the students in these communities need and what their schools are designed to provide.

Her involvement in UVM Hillel was a definite influence on her outlook and direction, she says. For her first year or so, “I didn’t even know what I wanted out of my Jewish identity,” she says. “I had no idea how I wanted to shape it.” Schlanger gradually took on more responsibility, serving as Shabbat chair and a member of the UVM Hillel Student Board. “This year as the president of the student board I feel like a lot of what I do is to try and help others, so it’s not as much about understanding and forming who I am now, it’s more about helping others to do that.”

Schlanger says she expects UVM Hillel to become a real force for student engagement on campus under the direction of Matt Vogel. “He’s been great,” she says. “It’s a change for Hillel, but I think it’s been a positive change because he has a new perspective, new opinions on things coming from New York City where it’s very diverse. He’s trying to take an active role but also listen to what we have to say. ‘Dream big’ is what Matt always tells us.”

One of the areas where Vogel’s leadership and guidance have begun to invigorate Hillel’s mission and visibility on campus is in the area of outreach. He’s strengthened a network of student interns whose role is not only to raise awareness of Hillel programs and activities on campus, but to reach out to unengaged students and

bring them under Hillel’s “big tent.”

“We have a group of six students we call our Peer Network Engagement Interns,” Vogel explains. “They’re hired to go out and build relationships with unaffiliated students, students that aren’t coming to UVM Hillel events. That to me is a success because it gets people thinking. It gets people thinking about how all the multiple identities they have come together in their lives—I’m a snowboarder. I’m an environmentalist. I’m a vegan. I’m an activist. I’m a business student. I’m Jewish. I’m a Catamount. All these sorts of things all happen at the same time.”

That approach seems to be working. UVM Hillel has doubled its participation rate and set ambitious goals to engage more than fifty percent of Jewish students at UVM by 2016. UVM Hillel is at what Vogel describes as “an opportune moment,” poised for dramatic growth, with an estimated Jewish student population of 2,000, solid support from the university, and an engaged alumni base led by a strong board of directors. This board of directors and advisory board includes two former UVM presidents (Ed Colodny and Dan Fogel), as well as former Vermont governor Madeleine Kunin, members of the Burlington community, and UVM alumni and parents living outside of Vermont.

Vogel wants to see more campus-wide involvement in Hillel events like this year’s Passover seder in the Davis Center or the observation of the Jewish holiday Sukkot, which this year will coincide with UVM’s Reunion and Homecoming Weekend in the fall. “Sukkot is all about a connection to the land. It occurs during the harvest season, and we’ll be able to emphasize how we as Jews, and all people, are in touch with the land and the food and the changing of seasons, as well. So we’re working on some big things to coincide with Sukkot, perhaps a dorm-friendly farmer’s market and other ways for the campus community to connect in our open tent.”

While Hillel’s mission and vision are clearly focused primarily on the experience of the university’s Jewish student population, Vogel says, its values are strongly pluralistic, welcoming, and inclusive of all students on campus, regardless of religious affiliation.

“If we’re just doing Jewish programs for Jewish students, then we’re missing an opportunity to really effect positive change in the world,” Vogel says. “We have to be involved with the fabric of student life, and I think that there’s a lot that we all can do to help provide a great student experience.”

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Mansfield to Champlain

Exploring the impacts of climate change

by Joshua Brown

FOR TWO MILLION YEARS, Vermont was ruled by ice. Glaciers would surge south, retreat north. Each time the ice melted, a raw landscape of scoured bedrock would be revealed. And, each time, life would return.

About twenty-five thousand years ago, the ice sheet began its most recent pullback, leaving behind the bones of today's landscape: the blunt ridge of Mount Mansfield, the signature profile of Camel's Hump, and a vast puddle of meltwater that would surge and subside—sometimes saltwater, sometimes fresh—to become our Lake Champlain.

As they had more than a dozen times in what geologists call this “recent” ice age, species of plants and animals would blow, blunder, crawl, fly, swim, and hitchhike back to Vermont. Bacteria, lichens, grasses, sedges, brave birds, grazing woolly mammoths, shrubby willows, and whales wending down from the Saint Lawrence River—all would make this place home. Trees were taking root by eleven thousand years ago, and if you were able to stand in a Vermont forest four thousand years ago it would have a familiar air with birch, hemlock, beech, and sugar maple.

Earth's climate has warmed and cooled many times. Millions of species have evolved, spread, and gone extinct. But over the last two centuries, with the rise of an extraordinarily tenacious and sometimes-clever member of the ape family, *Homo sapiens*, the rates of climate change and of extinction have spiked.

“As Vermont's climate changes to Virginia's climate over the next fifty years, what will species do?” wonders UVM biologist Sara Helms Cahan.

It's a good question. Despite centuries of exploration, most of Earth's life forms are poorly understood or simply unknown. Even here, in the much-loved span from the waters of Champlain to the gentle Green Mountains,

photography by Sally McCay

many wild plants and animals remain mysterious. And none are immune to the global forces that remake local landscapes.

In Vermont, the average temperature has risen almost two degrees Fahrenheit since 1970. And, unless we stop spewing carbon dioxide, the Intergovernmental Panel on Climate Change projects another four to eight degrees of global warming before the year 2100—on a path to warming far beyond what has been experienced since humans evolved.

Look back not two million years, but more than sixty-five million years—to the hothouse age of the dinosaurs—to find a time when global temperatures were rising this fast. Ditto for extinction. Not since the asteroid strike that spelled doom for *T. rex* and seventy-five percent of all life, were species blinking out by the truckload, like they are today.

Sara Helms Cahan knows all of this—and considers what's next. She is one of a diverse group of researchers from across the university who have cultivated a kind of useful double vision. They're looking closely in nearby places—like Missisquoi Bay, Addison County hayfields, and Breadloaf Mountain—shining a light onto the manners and mysteries of individual plants and animals. They're simply curious, as UVM fisheries biologist Ellen Marsden puts it, “about the many lives out there that we don't own or understand.”

And through the top of their glasses these scientists keep an eye on a more distant horizon. They wonder which species can persist or be restored in a hotter, wetter Vermont—and they're gathering insights about how the ever-shifting commotion and competition of other life-forms add up within the ecosystems that allow human civilization. In this issue of *VQ*, we step into the field with them—from mountainside to lake bottom—for a look into their work, its questions, and its answers.



Ants

A FEW MILES FROM CAMPUS, John Stanton-Geddes and Andrew Nguyen wander under some hemlock trees in UVM's East Woods, kicking rotting logs. It's a warm, but not hot, July morning. A fine day for finding ants.

"I look by kicking," says Nguyen, taking aim at a mossy lump. "Kick and then they come out and you grab them." In this case, "them" is a common woodland ant species called *Aphaenogaster rudis*.

Nguyen is a doctoral student and Stanton-Geddes a post-doc, both studying with UVM biology professors Sara Helms Cahan, Nick Gotelli, and Bryan Ballif. These scientists want to know what will happen to these ants—and other populations like them from Maine to Georgia—as the climate warms.

Move, sweat, or die—these are three standard paths that many ecologists have thought species could take when dealing with rapid climate change. In other words, it's possible that the ants will be able to get to cooler terrain by migrating north or uphill. Or they may be able to persist in place by making short-term physiological changes—"essentially just toughing it out," says Helms Cahan—a bit like we deal with heat by sweating. Or local populations could go extinct.

"But this is not taking an evolutionary perspective," says Nick Gotelli. A fourth and little-studied path is what some scientists are calling "evolutionary rescue." That is to say, large populations of ants could have a trick up their tiny sleeves: latent genetic variation that may have evolved in response to past climate change. As the climate heats up, those individual ants with better biological heat-coping mechanisms will become more common and cold-tolerant variants will become more rare, allowing the population to adapt. "These populations could stay in place," Gotelli explains, "but genetically will change." The deep time etched in their DNA will have saved them.

The ants being collected in these woods and other forests down to North Carolina, are being used in experiments to "figure out how much adaptive potential *Aphaenogaster* actually has," Stanton-Geddes says. This morning he simply needs to find some. "Nobody home here," he says, gently putting a wet log back in place. Then he pokes a trowel into another log. "Ah, look at this," he says, prying back a chunk of rotting wood that erupts with glittering black bodies.

"Here she is!" shouts Nguyen, chasing a larger ant with tweezers. "Here's the queen. She's trying to hide, but she has a big butt." They pop the animal into a clear plastic bot-



tle, and scoop a swarm of worker ants into a Tupperware.

Later, I'm sitting in a windowless lab of Marsh Life Science with Gotelli, Stanton-Geddes, and Nguyen. Here, some of these ants are exposed to high and low temperatures and other stressors, like limited water. Others get shipped to North Carolina and the Harvard Forest where they are put in warming chambers with ants from other regions, to see how they respond to long-term exposure to temperatures they're likely to face in coming decades. Then the ants' genetic material is extracted at UVM to explore their underlying molecular machinery, looking for clues like the production of "heat shock" proteins that could allow these ants to weather new weather.

Their team, sponsored by the National Science Foundation and working with partners at three other universities, aims to have a forecasting model of where *Aphaenogaster rudis*, and related species, are likely to survive. But I want them to clarify something more basic: Why care about individual species at all? Why, as we teeter toward climate catastrophe, would a policymaker pay attention to ants?

Well, for one thing, without ants, "Vermont would be knee-deep in dead insects," Gotelli says. In New England, ants are nature's diligent undertakers and creators of soil. They build about an inch of new topsoil every two-hundred-fifty years. And *Aphaenogaster* is a key forest engineer, dispersing seeds including those of Vermont's beloved spring ephemerals, wildflowers like trillium and bloodroot.

"Ultimately, landscape-scale responses are happening at the species level," Gotelli says. "I don't see how we're going to understand or realistically forecast what's going on at the landscape scale if we don't understand the elements of that landscape." Stanton-Geddes puts it this way: "The species is the biological unit that matters. It would be like talking about economics and ignoring the fact that dollars and pennies exist."

THE NATURAL TURNPIKE is an old stagecoach road that winds through the Green Mountains from Ripton to South Lincoln. Plunge into the forest off this dirt track, and, at about 2,000 feet of elevation, the trees give way to some wet meadows open to the sky. "It's not so good for walking—but moose love it," says Laura Hill Birmingham G'08. In this obscure and lovely place lives an obscure and lovely plant called Appalachian Jacob's ladder. If it's near the June solstice, swat off the mosquitos, look around for a mat of distinctive spinachy green leaves, admire the Jacob's ladder's newly opened, purple, bell-shaped flowers—and contemplate extinction.

"For my graduate work, I studied these plants in nine places, which was a good representation of the populations in Vermont," Birmingham says. Over five years she built a demographic model that projected how these populations might change. What she discovered was "pretty dire," she says, "many of the populations are expected to be driven to extinction over fifty to a hundred years." And that doesn't account for climate change.

What's pushing this wetland plant toward the brink? Like most things in nature, it's not just one thing. This plant is rare and patchy throughout its range from West Virginia to southern Quebec and may be headed for oblivion because of inbreeding problems—without any push from people. More than ninety-nine percent of all species went extinct before humans arrived to name and mourn them. But in some places, like New Jersey, the plant has been eliminated by habitat destruction, road building, ATVs, degraded water quality, and other assaults—without too many tears shed.

Birmingham's first study—and then a later one for the U.S. Forest Service—showed that in Vermont the plants' biggest threat is the way woodlands and wildlife are managed. The closing of the canopy, as regenerating forests mature, reduces sunlight above these plants; "it doesn't compete well with trees," Birmingham says. And

the main culprit is another hoofed critter, besides moose, that loves to snack in a wet forested meadow: white-tailed deer. There is growing scientific evidence that burgeoning populations of browsing deer—no longer controlled by now-extirpated wolves and mountain lions—are a major threat to the health of eastern forests.

Speaking to the plant's possible extinction, Birmingham says, "You can't think about it in isolation. It's part of a functioning wetland complex in the Green Mountains—wetlands provide a huge ecosystem service to humans—and their function is built from thousands of species interacting."

But forecasts may not be destiny. So on a steel-gray February morning, on the first floor of Jeffords Hall, Birmingham, a lecturer in UVM's department of plant biology, is gently transplanting small shoots of Appalachian Jacob's ladder. This summer, she and undergraduate Madeleine Hassett '15 will begin an experiment growing these plants in warm gardens outside Jeffords and comparing them with wild plants in the cooler mountains—to test how Jacob's ladder may bear up under climate change.

"If we find that rising temperatures negatively affect this species, that's another dire predicament for this plant, because its dispersal is limited," says Birmingham. Research, like that done by Birmingham's colleague Brian Beckage on Camel's Hump, shows that some tree species are quickly moving upslope in the Green Mountains in response to global warming. But, with seeds that don't blow in the wind or stick to moving animals, "Jacob's ladder can't really get from here to there," she says.

Unless people move them. Among conservation biologists there is increasing consideration of a controversial practice dubbed "assisted migration": moving endangered species to habitats where they don't currently live, but where they might have lived, say, five thousand years ago, and where they might be more likely to survive in a climate-changed future.

Birmingham has re-introduced Appalachian Jacob's ladder—one of 167 plant species listed on the USDA's Natural Resource Conservation Service database as threatened and endangered in Vermont—to a wet meadow along the Natural Turnpike where it was observed in the 1980s, but wasn't present when she went back in recent years. But what about moving it farther uphill or far to the north, out of its current range? "We don't have any results to indicate that's necessary," says Birmingham, and then pauses, "—yet."



Jacob's Ladder



Lake Trout

JUST OFFSHORE FROM the Grand Isle ferry terminal, Ellen Marsden bobs up and down in an aluminum rowboat watching a television. It's a flaming-gold, perfect November evening. One of the lumbering ferries passes by close enough that kids wave

down from on deck, but Marsden's attention is fixed to the screen. This isn't a wacky holiday outing. She's looking for lake trout.

In the stern of the rowboat, one of Marsden's graduate students, Bret Ladago '13, and a technician, Lee Simard '12, lower a mini-submarine—a hand-built, bright-orange, square contraption mounted with a pair of GoPro cameras and several tiny propellers—into the lake. In the twilight, the monitor glows with a brightly lit stream of bubbles as “Zippy” descends to the reef below. First, we can see one fish. And then the camera pans, and there are hundreds of densely packed fish—breathtakingly beautiful, ghost-like lake trout, swimming across the screen in black and white.

Scientists identify them as *Salvelinus namaycush*. Other names include mackinaw, lake char, touladi, togue, siscowet, and paperbelly. Lake trout—a deep-water predator and popular sport fish found in many northern lakes in North America—disappeared from Lake Champlain in 1900. “It's a mystery,” says Marsden, a fisheries biologist who has been studying lake trout here and on the Great Lakes for twenty-five years. Overfishing was probably involved, and perhaps habitat destruction—“but, basically, we don't know why.”

And from that mystery another has arisen: why can't they seem to be restored? She points to the screen. “These fish are all stocked, every one.” Some stocking of lake trout began in 1958 and a coordinated program to restock the fishery was launched by the State of Vermont in 1972. “That's 78,000 fish from the hatchery each year,” Marsden says—but almost none of them successfully produce adult offspring. (Marsden did catch one unclipped wild trout last year onboard UVM's research vessel, the *Melosira*; “Second such fish I've seen in sixteen years,” she says, “Did a little happy dance on deck.”)

“It's a native species in the lake,” Marsden says, “And so we're trying to understand what it requires for them to become self-sustaining again. Why pay for something that could be naturally produced?” Marsden's research program over the last decade has carefully looked for the cause of the trout's troubles. She's shown that the hatchery fish survive well into adult-



hood; they find reefs, mate, and successfully spawn eggs in high densities; the eggs hatch, many fry emerge and find food. And then at about four weeks old, the fry leave their spawning reefs to go off to deeper water. Which is where the happy story ends. “It's hard to follow them at that point,” she says, “and we never see them again.”

Exactly one year later, in November of 2013, Ellen Marsden and another graduate student, Tori Pinheiro, are doing surgery on thirty adult lake trout. They anesthetize them with a drug called Aqui-S, make a small incision, insert a transmitter the size of a AA battery, stitch the cut closed, and let them go. And then, all winter, the fish swim under the ice making weird pinging noises. You can't hear them, nor can the fish, but receivers at spawning reefs can. They're part of a new network launched by UVM's Rubenstein Ecosystem Science Laboratory called the Champlain Acoustic Telemetry Observation System (CATOS) that allows scientists to track fish throughout the lake.

Marsden and Pinheiro are studying the tagged fish to gather basic facts about the courtship of lake trout. “It's one step in finding the hang-up that is preventing the fry from maturing into adults,” says Pinheiro. “In order to implement any kind of restoration plan, we need to know more. Right now, there is very little known about spawning behavior in lake trout.” Pinheiro's first peek at her CATOS data is already turning up some surprises about how long males and females are on spawning sites, and how the fish are on the move—including one lusty lake trout that traveled from Grand Isle to Arnold Bay, a trip of some fifty miles, in eight days.

WE'VE WALKED A MILE out on the frozen surface of Missisquoi Bay. Trevor Gearhart checks our location on a handheld GPS. “Yep, this is it,” he says. Peter Isles fires up a reassuringly large, safety-yellow drill. He grips both handles as the auger chews through almost three feet of ice. Lake water comes surging to the surface. “You could drive a tank out here,” he says, looking down into the black hole.

Unlike most people who schlep a sled full of gear onto this bay in mid-March, Isles is not looking for fish. He's come with Gearhart to collect water, mud from the bottom—and plankton. He's especially interested in three types of cyanobacteria—sometimes called blue-green algae—*Aphanizomenon*, *Microcystis*, and the benign-sounding *Anabaena*.

These are microscopic plankton that float around in Lake Champlain. They're native, but not always benign. Given a diet of phosphorous pollution, they become major culprits in algae blooms that can foul beaches with green scum, produce dangerous toxins, and suck the oxygen that fish need out of the water.

Cyanobacteria are single-celled organisms that photosynthesize, making their own food from sunlight and carbon dioxide. They're like plants, but on a different, more ancient, branch of the tree of life. When excess nutrients wash off the land—from farm fields, roadways, eroding streambanks, or wastewater treatment plants—cyanobacteria chow down like a teenager.

In Missisquoi Bay, phosphorus concentrations have been increasing steadily for two decades, blowing past targets established by the EPA. Like some other shallow parts of Lake Champlain, the ecosystem in Missisquoi Bay is now dominated by cyanobacteria. “And we would expect that climate change is going to worsen the problem,” Peter Isles says.

Isles and Gearhart are doctoral students working with geologist Andrew Schroth and biologist Jason Stockwell, director of UVM's Rubenstein Ecosystem Science Labo-



Cyanobacteria

ratory. They're all part of a large project called RACC—for Research on Adaptation to Climate Change. Involving nearly thirty faculty members from UVM and other Vermont colleges, the project has funding from the National Science Foundation to explore

a difficult question: how will Lake Champlain react to the double whammy of climate change and land use change?

As one step toward answering this question, Gearhart sits on a blue cooler, filling bottles with lake water from a small, chugging pump. He'll take these back to the lab to “see how nutrient and phytoplankton composition changes through the water column,” he says. A few yards away, Peter Isles lowers a metal tube into another hole he's cut in the ice. This is an optical sensor that records dissolved oxygen, several pigments specific to cyanobacteria, and other measures of the water.

This spot on the ice is the same place where a buoy floats in the summer, sending the same kind of sensor up and down through the water. On this freezing morning, no cyanobacteria populations are ready to bloom. “But what is the summer going to start with? How many nutrients? What are the plankton doing? Where are they hanging out below the ice?” Gearhart wonders.

With this kind of information, the RACC project is building computer models that refine global-scale climate forecasts down to the scale of Lake Champlain. These will let scientists and policymakers make educated guesses about what will happen to the health of the lake in a warmer future.

“There is no ‘environment’ in some independent and abstract sense,” writes the great geneticist Richard Lewontin, “Organisms do not experience environments. They create them.” Cyanobacteria, it appears, are now creating Missisquoi Bay in their own image—meaning that it may now be in what biologists call an “alternate stable state.” The zooplankton that eat phytoplankton have a hard time dealing with too many cyanobacteria. Fish may not be getting the nutrients they need. Decaying algae create low-oxygen conditions that release more phosphorous from sediment. A cyanobacteria monoculture often reigns. “These are self-reinforcing systems,” Isles says, “once you flip it over, it's hard to flip back.” The RACC project, among its many goals, aims to help people understand what they'd need to do to flip Missisquoi Bay back to “clear water with lots of aquatic plants, fish, and not too many cyanobacteria,” Isles says—and how easy it might be for other parts of a climate-changed Lake Champlain to flip to algae blooms.



Bobolink

JUST OVER THE TOWN LINE from Bridport, cattle farmer Phil Wagner stands in the sunshine on North Cream Hill Road looking across one of his hay fields. A warm breeze blows up from the Shoreham Swamp, and it feels like early summer. But

the winter-killed stubble of grass, pale and yellow, shows no sign of starting to grow. It's actually mid-April, too early for haying. And too early for bobolinks.

"As I was cutting the hay last year I would see the bobolinks landing over here," Wagner says, pointing along a ragged hedgerow, "and then swooping down into the uncut grass over there." But these birds won't be back until May. Before they start building nests down in the grass of this field, they've got a lot of flying to do to get to Addison County from northern Argentina.

Still, once they do get here, any bobolinks that land in Wagner's twenty-acre field have a pretty good shot at mating and successfully raising a family. That's not true of many other bobolinks that return to intensively managed hayfields across New England. Just about the time the young birds are ready to set wing, the tractors will be coming through with their mowing bar.

"They're cool to look at," Wagner says, "Allan says they sound like R2D2."

That's Allan Strong '83, an ornithologist in the Rubenstein School of Environment and Natural Resources, who has been studying bobolinks and other grassland birds throughout the Champlain Valley since 2002. He's caught thousands of birds and talked to dozens of farmers—and thought about what both need to survive.

"The only reason that we have the species in Vermont is because we have a farming community here," Strong says. For thousands of years, bobolink—*Dolichonyx oryzivorus*, a yellow-capped black bird that looks like it's wearing a tuxedo backward—nested on prairie. Vermont was covered with forest. But when land was cleared in the eighteenth and nineteenth centuries, these birds moved east. "That legacy is the reason we have these birds here," he says.

The statistics for both grassland birds and grass-growing farmers in Vermont are trending worrisome. The USDA, which helps fund Strong's research, reports a seventy percent decrease in farms in Vermont, and a seventy-four percent loss of acreage of harvested hay, between 1950 and 2000. Paralleling this slide, there has been a seventy-five percent decline in bobolinks over the last forty years.

"There is this strong tie between our agricultural indus-



try in Vermont and the ecology of these grassland birds," Strong says, "but also a bit of antagonism." Since the 1960s, farmers have moved toward earlier and more frequent hay harvests because protein levels in grass are higher in the early season. "These early-hayed fields are really attractive to these birds," says Strong, "But they're future death traps."

When bobolinks look for a good place to nest, their search is probably based on landscape cues carried from deep in their history, when they lived on the prairie. But now, when they settle in a modern Vermont hayfield, they stand little chance of successfully raising young because they don't have enough time before the first cutting—nor enough time to try re-nesting between cuttings. The tractors crush the nests or the cut field exposes baby birds to predators.

Strong's research, done in collaboration with researcher Noah Perlut G'07, has shown that delaying cutting until at least early July, ideally into August, lets more bobolinks nest successfully.

Recognizing the financial impact this would have on farmers, Strong is helping to lead the Bobolink Project, a non-profit research program at UVM in collaboration with UVM Extension and the University of Connecticut. "Basically, we're raising money from the general public to pay farmers for a delay in the second cut—so bobolinks have enough time to nest," Strong says. It's testing the idea that people will put their money where their conservation values are.

Farmers who bid to join the program agree to not cut hay after May 31 and then wait sixty-five days until the next cut—in exchange for about \$160 per acre. Phil Wagner enrolled twenty acres. Last year, he was able to get one good haying in before June and used the money to improve his manure management set-up. "But it's insurance if we don't get that first cut," he says, looking south across the grass, "and I like being part of the project. It helps the bigger system."

YOU CAN FEEL THE FUTURE of Vermont's forests by visiting some huge blue pots, buried in the ground, just off Spear Street. "Yeah, it's pretty hot," says Gary Hawley, putting his hand up to a circle of white lamps that radiate down, twenty-four hours a day, onto eighty tree seedlings in one pot—including twenty American chestnuts.

And new trees for this future forest are also growing inside the greenhouse here at UVM's George D. Aiken Forestry Sciences Laboratory. Kendra Gurney G'08 opens a plastic bag and takes out some large coffee-black nuts. They're partially sprouted, and she gently covers each nut and its baby-white rootlet with soil in a tube. She's planting American chestnuts.

If you've even heard of American chestnut, you may believe it to be a plant of the past. Growing up to a hundred feet high and more than twelve feet wide, *Castanea dentata*—the Redwood of the East, some call it—once dominated two hundred million acres of woodlands from Alabama up the spine of the Appalachians, reaching the northern edge of its range in the Champlain and Connecticut River valleys of Vermont. "In many places, about half of all the trees were chestnuts," says Paul Schaberg, a U.S. Forest Service scientist and UVM research professor.

Then, in 1904, a fungus, accidentally brought from Asia, began killing the American chestnut. It was a thorough and terrible disease, "leaving nothing but skeleton trees," Gurney says. There were probably four billion chestnuts and, except for a few single trees or oddball stands that missed the blight, they all died by the 1950s, taking down a central member of East Coast forest ecosystems, beloved by barn-builders and hungry bears alike.

But it might be brought back from the dead. Schaberg '81 G'85 '96, has been collaborating with Gary Hawley '78 G'82, a research associate at UVM's Rubenstein School of Environment and Natural Resources, and

Kendra Gurney, their former student who is now a regional scientist for the American Chestnut Foundation—to see what place a new kind of American chestnut might have in a climate-changed Vermont.

Since 1983, the American Chestnut Foundation has been breeding trees to develop a population of chestnuts that are resistant to the blight. In 2009, the foundation's first "Restoration Chestnuts 1.0" were planted in a real forest. The big goal: restore the species across its range.

But what the chestnut's range will be in a warmer future isn't so simple. The UVM team's research shows that chestnut nuts and shoots can barely tolerate the coldest temperatures of a Vermont winter, which may complicate restoration efforts in northern New England. On the other hand, "with climate change, there are going to be winners and losers," says Hawley, as he looks down into one of the blue pots full of pencil-thin trees, "and those species, like chestnut, that are at the northern extreme of their range may do well." This experiment should help to find out by exploring how four tree species cope and compete under a steady add-on of 3.6 degrees Fahrenheit—the same amount of warming expected in coming decades.

And, no surprise, a Virginia chestnut is not the same as a Vermont chestnut. "So we're working to find the few remaining American chestnuts in Vermont," says Schaberg, "and then get people to climb these trees and pollinate them by hand," to form crosses with blight-resistant ones. To have a day when, like Johnny Appleseed, volunteers will be able to plant nuts by the thousands—there will need to be trees that aren't just blight-resistant, but also adapted to local conditions.

Last summer, I went hiking in some forested lowlands near Middlebury. The woods looked lovely but I couldn't see them as whole. I've often pondered the words of the great conservationist Aldo Leopold, who wrote, "One of the penalties of an ecological education is that one lives alone in a world of wounds. Much of the damage inflicted on land is quite invisible to laymen." That day I wondered what the trail might have looked like with the gravitas of a few mature chestnuts. Perhaps I wouldn't have felt that sense of loss, tinge of sadness if I'd known that just a few miles away, on a U.S. Forest Service research plot in the Green Mountain National Forest, these UVM researchers had hundreds of chestnut seedlings planted, looking for the best trees to heal the wounds. **VQ**



American Chestnut

ALUMNI CONNECTION

Silver gift advances Alumni House and Billings

by Rick Green '82

The story behind Jack Silver's decision to donate \$5 million to the University of Vermont began when he arrived on campus in the fall of 1960. "The university prepared me to identify with the feeling of wanting to be the best I can be—up till then that was not how I felt," Silver told a gathering of UVM supporters at an evening reception at his New York City home. "My wife and I realize how grateful and thankful we are to make this gift possible."

Silver's \$5 million gift will ensure the restoration of two Victorian-era buildings on the UVM campus, while also expanding scholarly research and programs for alumni. The commitment, which ranks among UVM's largest donations in recent years, supports improvements to the Billings Library and renovations at the planned Alumni House.

"This generous gift places us on track to finish two of my highest strategic investment priorities—

the renovation and restoration of two architectural masterpieces, the Billings Library and the future Alumni House on Summit Street," said President Tom Sullivan, who announced the gift at the May 28 reception sponsored by the University of Vermont Foundation.

"Upgrading these iconic buildings will dramatically enhance

UVM's exceptional learning environment, boosting our reputation in the decades to come," Sullivan said. "Jack and Shirley's gift will transform Billings, the gemstone of the campus designed by H.H. Richardson, into a new home for the University's Special Collections Library, which will be renamed the Jack and Shirley Silver Special Collections Library.

"Billings will become a new intellectual focal point, with much of the historic interior remaining open to

the public. In its new and expanded location, the Silver Special Collections Library will continue to build a national reputation as a repository for historic archives, political and literary papers, rare books, and photographs," Sullivan said. "Significantly, Billings will also become the home

for two academic centers essential to our scholarly DNA—the Carolyn and Leonard Miller Center for Holocaust Studies and the Center for Research on Vermont."

The Silvers' gift will benefit scholars far beyond the Burlington campus according to Mara Saule, dean of University Libraries. "We anticipate a vibrant research library, where patrons can work with rare books, photographs, manuscripts, maps and other archival collections," Saule said. "At the same time, we'll be using a state of the art digitization facility to make these materials available around the world. With Special Collections in Billings, we can ensure that UVM's most historically significant research collections are accessible to current generations and preserved for many more to come."

Billings Library was constructed in 1885 and is listed on the National Register of Historic Places. The building, Silver said, "is symbolic of the university itself." The preservation of Special Collections for scholarly work, he continued, "is just one of the reasons I chose to make this gift."

An investor with an accounting degree from UVM, Silver was attracted by the university's strategic plan for the future. "I am supporting the dream of the current president, Tom Sullivan, who feels so strongly about the meaning of



these two projects," Silver said. Fundraising efforts for the projects will continue, with other major gifts expected.

Silver sees UVM's first Alumni House as "a catalyst to bring people together and create a home that people can come back to." The Alumni House's pavilion will be named the Jack and Shirley Silver Pavilion.

The Alumni House will be home to a variety of programs that reinforce UVM graduates' lifelong relationship with the institution, from hosting educational, cultural, and artistic activities to offering rooms to gather in for social and reunion activities. It will serve as a first stop for alumni arriving on campus. The facility will also host conferences, weddings, and banquets.

Restoration of the ornate interior of the Queen Anne Revival-style house, once the home of the Delta Psi fraternity and purchased by UVM in 2007, has already begun. The project will be funded entirely by private gifts, with an opening planned for the fall of 2015.

Silver, who will attend his 50th reunion later this year, said he came to UVM in the fall of 1960 unsure about what he wanted to do with his life.

"What happened at the university is I became interested in learning. Since that point in time I have been motivated to achieve," Silver said. "The university was very much a part of that."

CREATING SPACE FOR ART

UVM art students and faculty will soon have expansive new creative and gallery space on the strength of significant financial support from alumna Michele Resnick Cohen '72 and her husband, Martin. The Cohens' \$2 million gift will be used to transform Burlington's Elihu B. Taft School into studio and exhibit space for students and faculty in the university's Department of Art & Art History.

The Taft School has long been on the "radar screen" of the university's campus planners as a potential academic space for the Art & Art History Department. That was a big part of the appeal of the project to the Cohens. "It's very strategic on the part of the university," Michele says. "They found something they knew would really interest us."

The university is committed to an eighty-year lease on the Taft School facility from the Burlington School District, as approved by the Burlington City Council in early 2014. The school, on the corner of South Williams and Pearl streets at the edge of the campus, was built in 1938 with funds bequeathed to the city upon Taft's death in 1929. It served as an elementary school from 1938 until 1980.

Renovation work to create the new studio and exhibition space within the 24,500-square-foot building is expected to begin this summer.

"As an art collector and the parent of an artist, this project speaks to me," Michele Cohen says. An early childhood education major at UVM, she says she put her degree into practice by raising four children of her own. Collecting the work of emerging artists is an area of particular interest and one that meshes with her philanthropic commitment. "This space," she says, "is going to be a great gallery and creative working space and a great opportunity for the kids who want to be in the art world to learn about shows and how things are curated and installed."

Michele and Martin are both stalwart in their support of education. "We believe in supporting the institutions that helped us get our start," Michele says. "For me, that's UVM."

EVENT HONORING ENDOWED FACULTY PREMIERES

For the first time in its long history, the University of Vermont paused on April 16 to specifically honor dozens of its best and brightest faculty members with an Investiture Ceremony for endowed chairs and professors. More than fifty faculty were recognized in the colorful program in Ira Allen Chapel.

The day also recognized the donors whose generous gifts over the years have created UVM's endowed chairs and professorships. Donations that create a faculty endowment help to pay for a professor's salary, as well as enhancements to the recipient's teaching, research, and other scholarly activities using annual earnings on the donation.

In his comments at the ceremony, President Tom Sullivan emphasized the high priority and quick progress that has been made in creating more endowed positions during his tenure. "The leadership team at the university and the UVM Foundation have committed



to doubling the number of endowed faculty positions by 2019," Sullivan said. "When I arrived as president nearly two years ago, we had fifty-three endowed faculty positions. I am proud to say that as of this week, we have eighty-four endowed positions committed by our generous donors, an addition of thirty-one in twenty-two months."

See uvm.edu/vq for a video that captures the event and shares the perspectives of faculty, UVM leadership, and donors on the importance of endowed positions.

Giving thanks for scholarships

The University of Vermont raised nearly \$8 million in scholarship support from alumni and other private donors last year, and the eighth annual "Celebrating Scholarship" dinner in April provided a moment for grateful students to say thanks. About 130 students and 170 benefactors attended the dinner in the Davis Center.

Among the scholarship recipients attending was Kane Tobin, a junior enrolled in the School of Business Administration. Tobin is a twenty-eight-year-old U.S. Army veteran who served two deployments in Afghanistan following high school in Hyannis, Massachusetts.

Thanks to scholarship support from alumnus John Frank '79 and a Yellow Ribbon Scholarship awarded by UVM, matched by the U.S. Veterans Administration, Tobin will be nearly debt-free when he graduates next spring. "Receiving a scholarship drives me to work harder and to continue to be deserving of that gift," Tobin said.

The event was sponsored by the University of Vermont Foundation with President Tom Sullivan and Leslie Black Sullivan '77. It featured remarks by Sullivan; Mary Jane Dickerson, associate professor of English emerita and a long-time supporter of scholarships for UVM students; and third-year medical student Raj Thakrar, a student member of the UVM Board of Trustees.

Dickerson, a long-time champion of diversity at UVM, established a



Through her teaching and her scholarship support, Mary Jane Dickerson has helped generations of UVM students learn and grow.

scholarship in 2007 to support English majors. She read a "prose poem" she composed for the occasion that alluded to the long struggle for civil rights in America. She ended, poignantly, with the names of students who have benefited from her scholarship. "The list of names on the Mary Jane Dickerson Fund will far outlast me," she said. "Just as I had planned."

Medical student Raj Thakrar, a former Medical Alumni Association Scholarship recipient and current Austin W. Lane & Janet C. Lane Scholar, said his reaction upon learning that he would receive scholarship support was to think about what he could do to reciprocate.

"It was more than just financial aid that would lessen the burden for my mother," he said. "It was a catalyst for making a commitment to return the favor to this excellent institution." He said he made a gift to the university as soon as he was able and urged his fellow students to consider doing the same. "Give back," he said. "Your scholarship may not need to be paid back, but you can pay it forward."

LEFT: THOMAS WEAVER; RIGHT: SALLY MCCAY

PROFILES IN GIVING



Funding Physics

When Robert W. Detenbeck, emeritus professor of physics, died last summer at age eighty, he was celebrated as an accomplished researcher and one of UVM's most beloved teachers.

His widow, Jeanne Detenbeck G'77, has recently built on that legacy with a gift of \$150,000 to establish a scholarship in his honor in the Department of Physics. The Dr. Robert W. Detenbeck Scholarship will be awarded to undergraduate or graduate students majoring in physics, with preference given to graduate students.

Originally, Mrs. Detenbeck had intended to fund the scholarship through her estate. But an unexpected and substantial jump in the value of the stock she had been holding for that purpose convinced her that it made sense to make the gift during her lifetime so she could see the impact of her philanthropy. "It's something I never expected to be able to do and could never do again," she says. "I hope I get a chance to meet the students who receive the scholarship."

Professor Robert Detenbeck capped a twenty-eight-year career on the faculty at UVM as the winner of the Alumni Association's George V. Kidder Outstanding Faculty Award in 1995, the year he retired. "Bob guided and mentored so many students," recalls his wife of fifty-nine years. "That was what he really wanted to do most, to teach students and to advise them and such. After he died, I got cards and letters from former students and even faculty that he had helped along the way."

"This generous gift comes at an opportune time," says Dennis Clougherty, professor and chair of the UVM Physics Department. "We are in the process of launching a Ph.D. program in physics, and we are looking forward to growing this program in a newly constructed, state-of-the-art STEM complex in three years."

Robert and Jeanne Detenbeck both received bachelor's degrees from the University of Rochester—he in physics and she in chemistry. Robert earned his doctorate in physics at Princeton University in 1962. His research at UVM was primarily in optical physics.

Jeanne Detenbeck was something of a trailblazer for today's growing numbers of nontraditional students, having earned her master's degree at age forty-five. She began taking geology courses at UVM after a trip to Colorado and its mountainous beauty inspired her to learn more about the science that created it. "I began auditing courses, and it just evolved into a degree in geology," she says.

As she thinks about the impact her giving will have over the years, she says, "This is a way to pay back the department for Bob's time there. Having his name on the scholarship means something to them and to me."

SALLY MCCAY

ALUMNI CALENDAR

JULY

Nantucket, MA, July 26
Nantucket Social

AUGUST

Burlington, August 22
UVM Move-in

Burlington, August 24
Convocation

New York, August 26
U.S. Tennis Open

SEPTEMBER

Portland, Maine, September 7
Summer BBQ

OCTOBER

Burlington, October 10-12
Reunion, Homecoming &
Family Weekend

DECEMBER

Washington, D.C., December 2
Alumni Association Holiday Party

Boston, December 2
Alumni Association Holiday Party

New York, December 3
Alumni Association Holiday Party

San Francisco, December 4
Alumni Association Holiday Party

Burlington, December 9
Alumni Association Holiday Party

For details &
registration

alumni.
uvm.edu

CLASSNOTES

LIFE BEYOND GRADUATION

Bridget O'Donnell realized a lifelong ambition by appearing on "Jeopardy." She writes,

“ I was up against a four-time champion and came in second after a spirited competition. I just wish I would have taken a botany course at UVM.

I lost \$3,400 by not knowing Carl Linnaeus. ”

— Class of '84

33-63 GREEN & GOLD REUNION

OCTOBER 10-12, 2014

alumni.uvm.edu/reunion

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34 Send your news to—
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35 Mary Peet Green, 98, of Cornwall died on February 7, 2014 at Porter Healthcare Center in Middlebury. She received a bachelor's from the University of Vermont and a master's degree

from Middlebury College. In 1938, she went to Puerto Rico to teach at Humacao High School. There, she married Modesto Velazquez Flores, an attorney from Las Piedras, Puerto Rico. She and Modesto had two children: Rosalie Esther Velazquez Peet (1941-1947) and Edward Modesto Velazquez Peet. In 1943, Mary returned with her children to her family in Cornwall, Vermont. There she taught English and French at Middlebury Union High School. After her first husband had died, Mary married Caspar D. Green, program director for USAID. They lived in Haiti, Trinidad, Chile, Brazil, and Washington, D.C. In 1973, Caspar and Mary returned to Cornwall where they lived for the rest of their lives. In addition to faithfully keeping a daily diary for over 40 years, Mary wrote three books. At age 78 she published *Cornwall People and Their Times* (1993). At age 88, she wrote *The History of the First Congregational Church in Cornwall* (2003). In 2013 she recorded her observations of changing times as well as many family stories in *Mary P. Green at 98, a Memoir*.
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39 75TH REUNION

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41 Robert P. "Bob" Davis, 94, died peacefully December 20, 2013, in Woodbridge Nursing Home in Berlin. He had a bachelor's degree in dairy management and a minor in forestry. He was the longtime general manager of the Cabot Farmers Co-op, beginning his career in April 1952 and retiring in 1984. He was very involved in numerous dairy organizations on the local, state, and national levels throughout his career, and also active with many boards and committees in Cabot and the surrounding central Vermont region. John Crispell is now living at Chambrel at Williamsburg Senior Living in Community, Virginia. He will be 97 on April 1, 2014 and though he travels no more, he still enjoys acrylic painting.
Send your news to—

Maywood Metcalf Kenney
44 Birch Road
Andover, MA 01810
maywoodak@comcast.net

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43 I went to a gathering last week where the speaker was Patricia Pike Hallock. Patty spoke of her experiences in Poland where she lived for several months with husband Houghton "Hal" about twenty years ago. She succeeded in making that point in time, the people, and the culture of the country come alive for her listeners. Mary Beth Bloomer was also in attendance. On a personal note, I have recently given up driving, but seem to be going out more.
Send your news to—
June Hoffman Dorion
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Rutland, VT 05701
junedorion@gmail.com

44 70TH REUNION

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46 Mary Greene Lighthall is still in her home in Charlotte and has a daughter helping. Her driving has been curtailed by a heart attack but she is doing well. Peggy Miller Logan is back in college taking three courses at Bowdoin and enjoying them. Joan Garrity O'Brien is spending time in Florida. Her son in Germany and his family are now all in the business of modeling. Nancy McNamara Harris

and her husband, Cliff, have downsized to assisted living and are doing well. I am still here contrary to the last *Vermont Quarterly*. I thought I might be fired because none of you sent me any news. [Editor's Note: We would never do that to you, Harriet.] Moving to a senior apartment is the way to go. I feel so much more capable now that I don't have to do anything. My family (great grandchildren) are still far away in California. Their grandmother, Amy Saville Otten, Class of 1971, dad, Geoffrey Olsen, Class of 1996, and Frankie should be class of 2031. Waiting for news from the rest of you. If you are still there, let me know.
Send your news to—
Mrs. Harriet Bristol Saville
468 Church Road, #118
Colchester, VT 05446
hattiesaville@comcast.net

47 Jean Carlton Denton of West Hartford, Connecticut, died at home on December 25, 2013. Jean graduated Phi Beta Kappa from UVM with a degree in mathematics. She was a member and active alumna of Delta Delta Delta sorority. She was very involved with her local church, Hartford Seminary, and American Baptist organizations on the local, national, and international levels. She gave many hours of volunteer work to local programs such as Meals on Wheels and Loaves and Fishes. She was a thoughtful wife, mother, and grandmother. She made many hand-knit sweaters and blankets for her grandchildren. She is survived by her husband of 66 years, Dr. Cleveland Denton, their three children and their families. She was also a good friend of mine from high school on, and I shall miss her.
Send your news to—
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OCTOBER 10-12, 2014
alumni.uvm.edu/reunion

If you are interested in planning your upcoming reunion, email alumni@uvm.edu. Carol Leavitt Levine has been an instructor in field botany at The New York Botanical Garden for the past 36 years and is retiring this year. She was awarded Instructor of the Year in 2008 and she is the author of *A Guide to Wildflowers in the Winter* published by Yale University Press. She is the proud grandmother of eight grandchildren.
Send your news to—
Arline (Pat) Brush Hunt
236 Coche Brook Crossing
West Charleston, VT 05872

50 I recently received a note from Arthur Langer, author of the fascinating book of non-fiction stories, *Songs at Twilight*, including one about his time at UVM as a returning GI from WWII. He and his wife, Polly, attended our last reunion when Art spoke with my late husband, Charlie Ballantyne, about their attendance at the dedication of the WWII Memorial in Washington. Vern Cram also wrote me a letter of condolence saying that he will be 90 May 26 this year, commenting that this is about the age Charlie was when he died. He wishes he had known us when we were at UVM together. He told about how he used to race on the Nosedive Trail at Mount Mansfield. He had written before telling us that he had served in the tenth Mountain Division in the war and was wounded. We also skied on Mt. Mansfield but avoided the scary Nosedive Trail. Donald Seth Taylor reports that the DMV says he can't see to renew his license but he can see well enough to read about UVM; only not so well on the computer. This does not seem right for a lifetime as an engineer, but he is now a sheep herder and enjoys the farm, especially the babies. He writes, "Here in a valley that is like Vermont in Washington, I had to plant maple trees and may live long enough to tap them."
Send your news to—
Hedi Stoehr Ballantyne
20 Kent Street
Montpelier, VT 05602
hedi.ballantyne@gmail.com

51 Stanley Brown shares that once again "No snow." Florida was the only state in the union able to make that claim. Stanley enjoyed lots of travel in 2013. Everett Kohberger is still kicking at 85. He says, "Living in the U.K. but expecting to return to the South of France soon."
Send your news to—
UVM Alumni Association
411 Main Street
Burlington, VT 05401
alumni.uvm.edu/classnotes

52 After her husband passed, Jane Wilson Durie moved to Walnut Creek to be near her daughter and her family. She shares, "I went to the Palo Alto Alumni Chapter of Theta recently and talked with Carol Stenberg McPadden. Her husband, Art, passed last April. If anyone is in San Francisco or the area and wishes to do so, give me a call at (925) 705-7793 or email me at jwdurie007@gmail.com. Went to our 60th reunion. Barb Hardie Densmore, Suzie Clark, the Lou Dows, and several others were there."
Send your news to—
UVM Alumni Association
411 Main Street
Burlington, VT 05401
alumni.uvm.edu/classnotes

53 Walter Bailey read the most recent issue of VQ, Spring 2014, and there was no mention of the great football team that UVM had. He says, "Might want to mention that in the fall issue." Dick A. Johnson retired to Parker Lake after 47 years in the food industry. He reports, "Priscilla Seale Johnson '48 and I were married 58 years, had three sons, and a lovely life together." Alice Blackmer Sturk writes, "On March 30, 2014 Bob Sturk '52 and I celebrated our 57th wedding anniversary. Not a record but a pretty good average!" Sheila Reed Mackinnon reports, "My husband, Norman Mackinnon, and I have been trying to sell our fancy house in Hardwick, Massachusetts, for four years without success. If anyone in the younger classes has need for a country escape from New York City or Boston, our house would be great. We are listed with Jones Group in Belchertown, Massachusetts, www.JonesRealtors.com."

CLASS NOTES

Send your news to—
Nancy Hoyt Burnett
729 Stendhal Lane
Cupertino, CA 95014
nanwalks@gmail.com

54 60TH REUNION OCTOBER 10–12, 2014 alumni.uvm.edu/reunion

If you are interested in planning your upcoming reunion, email alumni@uvm.edu. **Joan Pisanelli Brochu** bought a home in Harwich, Massachusetts, on Cape Cod. She writes, "I am very happy about it. I sold my farm in Hardwick, Vermont. I hated to part with it, but I couldn't live there alone. Please notice I had a farm in Hardwick, Vermont; now I have a home in Harwich, Massachusetts. Still Looking for **Bambi Wigton** and **Donald Cutler**. Haven't heard anything about either of them. Love and prayers." **Harriet "Nicki" Nicholson Suo** has lived in Portland for ten years now and still enjoys this lovely city, especially since it's also home to her son, daughter-in-law, and their two little girls. She reports, "We're only an hour and a half from the Pacific Ocean where we have a much-loved beach house." Send your news to—
Kathryn Dimick Wendling
Apt. 1, 34 Pleasant Street
Woodstock, VT 05091
kwendling@aol.com

55 Jane Battles writes, "I have received the sad news that **Lavern "Trink" Trinkino** has passed away at his home in Hobe Sound, Florida, where he lived for many years, of course on the golf course for most of it... remember him playing for UVM? A great guy loved by all. I just got a call from **Jack Lear** in Pennsylvania yesterday to inform me of the recent death of **Margaret "Peggy" McGowan Louderback** who has been a resident of New Hampshire for many years. **Jay Selcow** has updated his news in that he and **Gayle** have moved to Savannah, Georgia, having spent his last 10 years of retirement there. Remember Jay and his tennis game at UVM? Wow! His family includes a son in San Francisco, another in San Mateo, and the third in New York City; five grandkids and another due in April. Jay and Gayle

will continue summering in Connecticut (me too, Jay) and returning to UVM medical meetings. His 55th medical reunion is this year. **Al and Marsha Mufson**, long time friends of Jay's from freshman roommate years, visit them in Savannah each year. Jay's message to us all is the same as mine, that we hope we'll be around together for our 60th UVM reunion next year! Do you believe it? It simply can't be. Enjoy each day! Keep that news coming to share with all. More anon." **Rhea Salsburg Dorn** shares that she and **Linda Sacks Fossier '61** just had lunch together. She writes "We met for the first time a few years ago at a charity dinner and found out the following things we had in common: grew up in the same city, Hartford, went to the same synagogue, attended the same high school, went to UVM and were sort of cousins. At least her first husband was my cousin. We have become good friends who love to reminisce about UVM and people we know. I am usually around home in Costa Mesa and would love to meet with other UVMers. Call me at 949-645-3973." **Bradley Gordon** says, "amazing how our lives come full circle. It doesn't seem so far back when **Don Forst** was the *Cynic* editor the year before my tenure. Don died a few months ago. He and I were instrumental in eliminating blackface from Kakewalk; and last week **Hal Greenfader** asked me to tell him my thoughts about the Washington Redskins name controversy—not very dissimilar. It seems like yesterday that our class graduated, and this May my oldest granddaughter will graduate from Boston University. I remember clearly holding my first grandson at his birth and now he drives when we are in a car together. My first son died in the early years of the AIDS epidemic, and now we rarely hear of deaths from this scourge (at least not in the U.S.) as we have a good handle on its management and control. If those of us who still participate in class communication get past another year, we will make it to our 60th anniversary reunion next year. Happily, Hal and I manage to keep up with each other a couple of times each year as we meet up in Newport Beach where **Barbra** and I have a second home. Actually, we spend so much

time there that we sometimes have a hard time telling which is our true second home. I assure you, the IRS knows." **Richard M. Hooker** writes, "I am a retired professional engineer. I am currently chapter adviser to SAE at Worcester Polytechnic Institute. I am also alumni adviser to New Hampshire Beta Chapter at University of New Hampshire. I am honorary national president of Sigma Alpha Epsilon at the current time. Before retirement in 1997 I was vice president of engineering at J. C. Haberman, Inc. in Springfield, Massachusetts. My son passed away in 1995 and my wife passed on July 11, 2000. I have a married daughter, two grandchildren, and one great-grandchild. Still going strong at age 82!" **Sandra Perry Lovell** has been widowed twice; once at a young age. She has two daughters, a son, and nine grandchildren. She has just moved into a senior living complex and calls it easy living. She writes, "I have a graduate degree from the Harvard Program in Business Administration. Harvard would only give a female a program in business but it made a huge difference for the female job seeker back then." **George Plender** says, "It has taken many years for the NCAA Division I baseball records to research my consecutive scoreless innings pitching records. But they did for the 2013 NCAA Baseball Pitching Records. A great deal of credit to the defensive line up in 1954 and 1955. **Grete Isbrandtsen Plender** and I are surviving in Tamworth, New Hampshire."

Send your news to—
Jane Morrison Battles
Apt. 125A
500 East Lancaster Avenue
Wayne, PA 19087
janebattles@yahoo.com

Hal Lee Greenfader
Apt. 1
805 South Le Doux Road
Los Angeles, CA 90035
halisco@att.net

56 Stanley "Pal" Borofsky is still working and having fun. He writes, "I work with my son, **Brad**, in our store's 82nd year of business. We have three stores. **Donna** and I are celebrating our 57th and are in great health. We have,

at this time, one granddaughter, a junior, and one grandson, a sophomore attending UVM, and one more grandson trying to transfer in as a sophomore. We spend three months in Florida and see **Donna's** ex-roommates, **Rhoda Rosenberg Benningson** and **Etta "Eddie" Sachs Mehl**, and her UVM husband, **Froman Mehl**, during our Florida stay near Bradenton. On many occasions we have visits from our great friends and fraternity brothers from UVM at our store in Brattleboro. We always look forward to seeing old friends. We still love going to work and going home. We stink at golf but love the outdoors." **Carol Parker Day** and her husband, **Basil** are great-grandparents to **Porter Day Blouin**, born in January to their grandson **Jesse** and his wife, **Elyse Choquette Blouin**, both 2008 grads living in Charlotte, North Carolina. **Paul Kalis** writes, "I am thoroughly enjoying retirement surrounded by my wife, **Marilyn**, and eight wonderful grandchildren. College classes, bridge, and some travel are thoroughly enjoyed. My son, **David Kalis**, has just published his first book entitled *Vodka Shot, Pickle Chaser - A True Story of Risk, Corruption, and Self-Discovery Amid the Collapse of the Soviet Union*, where he lived for two years. I would love to hear from my classmates, especially members of **Tau Epsilon Phi**." **Nancy Hoisington Humphreys** is enjoying her new home at the Presbyterian Retirement Community. She is the supervisor of the rose garden and reports that the new bushes look great.

Send your news to—
Jane K. Stickney
32 Hickory Hill Road
Williston, VT 05495
stickneyjane@yahoo.com

57 Herb Brown was a four-year member of the UVM basketball team in the mid 1950s. A longtime fixture in the NBA and global basketball, Herb has been tabbed for special recognition by the National Association of Basketball Coaches. In April, he received the NABC's International Committee Lifetime Achievement Award during the organization's annual convention. Herb is the older brother of **Naismith Memorial Basketball Hall of Fame** coach **Larry Brown**,

who's currently the sideline supervisor at Southern Methodist University. **Herb**, a one-time Detroit Pistons bench boss (1976-78), teamed up with his brother in later years, serving as his assistant on the Pistons' 2003-04 NBA championship team, as well as together at Philadelphia and Charlotte. He also had assistant coaching positions with NBA squads **Houston**, **Atlanta**, **Phoenix**, **Indiana**, **Chicago** and **Portland**. His involvement in **Basketball Without Borders** and **Playing for Peace**, which has been described by *The Baltimore Sun* as a group committed to "bridging barriers in communities historically separated by strife," including **South Africa**, **Northern Ireland**, **Cyprus** and **Israel**, hasn't gone unnoticed. The NABC Lifetime Achievement Award has been described in a statement as honoring "a person who has committed their life to being a guardian of the game, the advancement of proper coaching education and development of basketball across international borders contributing

to growth of the game." **Lorna Dean Brown** writes, "Greetings to all! I'm still in Vermont for winters as well as summers, so would always enjoy meeting you for a lunch out! My most recent news is that our grandson, **Erik Hovland**, son of our daughter, **Deanna Hovland '85**, graduate of the UVM College of Nursing, and **Mike Hovland**, graduate of the UVM College of Medicine, has just won the Montana State Spelling Bee, and will be going to D.C. for the Nationals. Cheers to all!" **Robert B. Corshen** reports, "After seven years working in the world of non-profits, I've decided it's time to get back into the real world. This spring, I will take over the marketing and sales responsibilities of a new start-up beverage company. **Specific Gravity Cider Co.**, in Sonoma, California. The company will produce a hard cider made from dry farm organic apples. Its sophisticated taste gives us the opportunity to market it as a substitute for a fine white wine rather than a beer replacement. It will be a while

before you can find a bottle outside of Northern, California. But, hang in there, we'll find our way." **Stanley R. Sakowitz** is still practicing part-time and is a collector of antiques. **Marlene Patrick Thibault** writes, "I have traveled around the world, to 120 countries including the seven continents with my husband, **Francis**, and we have served on 12 short-term missionary trips, including underdeveloped areas. We are now enjoying winters in **Lake Placid, Florida**, and celebrating 56 years of marriage. In Vermont, after serving as a hospice volunteer for eight years, I am now a weekly local hospital volunteer. As a retired UVM professor and secondary school teacher, I treasure my **Mortar Board** history." Send your news to—
UVM Alumni Association
411 Main Street
Burlington, VT 05401
alumni.uvm.edu/classnotes

58 Dr. Michael Wayne Abdalla Jean, were just selected as 2014 Community Champions in the City of Orange, California. **Peter Colli** shares, "This past fall, my wife and I attended the 55th reunion of the class of 1958. We thoroughly enjoyed ourselves, although it was not too long before **Jerry Donahue** challenged me to pose for a kake-walk photo; of course I did—arched back, hands extended overhead and standing on one leg, the other held high. The picture was not successful until **Jerry** coaxed me into leaning against a nearby wall. Some selfies should not be shared. This winter we met with **Bob and Pat Holenstein** for lunch and a pleasant afternoon. We spent two days with **John and Marge Kaiser** on our drive north and reconnected with **Dick Haus**. We summer on **Cushings Island** in **Casco Bay** near **Portland, Maine** and we are always up for UVM drop-ins." **Steve Rozen** reports, "The third week in March I went to **Hondu-**



Green Living

At Wake Robin, residents have designed and built three miles of walking trails. Each Spring, we make maple syrup in the community sugar house and each Fall, we harvest honey from our bee hives. We compost, plant gardens, and work with staff to follow earth-friendly practices, conserve energy and use locally grown foods.

Live the life you choose—in our vibrant community that shares your "green" ideals. We're happy to tell you more. Visit our website or give us a call today to schedule a tour.

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200 WAKE ROBIN DRIVE, SHELburnE, VERMONT 05482

CLASS NOTES

ras with University of Connecticut dental students on a mission and a teaching session. Wonderful teaching new dentists oral surgery and also helping a poor population. My wife, Midge, came as my assistant. While I am not of of the Pentacostal faith, the people who provided support and food cooked by its members are remarkable. I can certainly say that faith-based organizations really are better organized and do more good works with less paper work than government. The cost services are considerably less and greatly appreciated by the population. I would have to say that social services in the U.S. are not efficient or particularly appreciated by their clients. It is a right! What a fulfilling week. Helping people and teaching even at our age!"

Send your news to—
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411 Main Street
Burlington, VT 05401
alumni.uvm.edu/classnotes

59 55TH REUNION OCTOBER 10-12, 2014 alumni.uvm.edu/reunion

If you are interested in planning your upcoming reunion, email alumni@uvm.edu. **William Ramsay Marsland**, 76, of Morgantown, died December 8, 2013, at Ruby Memorial Hospital. He was born in Port Huron, Michigan, the son of Howard and Agnes Marsland. He is survived by his wife of 48 years, Kathleen Marsland; son, David Marsland and wife Meg; and grandchildren, Phebe and Ian of Park City, Utah; and daughter, Susan Hagens and husband Brian of Colchester, Vermont. Bill spent his childhood in Northfield, Vermont. He graduated from the University of Vermont and was a member of Phi Delta Theta Fraternity. He received an honorable discharge for his six-year term of service in the Army Reserve and the Army National Guard of Vermont. Bill's working career focused on the life insurance business and spanned the states of Vermont, New York, and West Virginia. **Diane "Deedee" Weiss Mufson** writes, "Since I retired from my psychology practice in July 2013, I began working on my book, *Dispatches of a Columnist: Opinions on Politics, Kids, Common Sense*

and Sex. It contains 73 op-ed columns out of the more than 400 I have written for the *Huntington Herald-Dispatch* since 2000. The book is available from Amazon. This is a reminder that our 55th reunion will be celebrated this fall on October 10, 11 and 12. It is a chance to meet up with some old friends, including some you may not even remember, but may remember you, and an opportunity to walk the campus, which is gorgeous! Our alumni contact is Donna Burke, who will be sending us details. Meantime, better make your reservations if you haven't already. Also, as members of the Green & Gold (graduates 50 plus years), please send your annual contribution to The UVM Foundation. Send your news to—
Henry Shaw, Jr.
112 Pebble Creek Road
Columbia, SC 29223
hshaw@sc.rr.com

60 Since **Daniel J. Bean's** retirement as professor of biology at Saint Michael's College in 1996, he has been an active volunteer for the Alzheimer's Association in Vermont. He is currently an ambassador to Representative Peter Welch's office and will again be attending the annual Alzheimer's Forum in D.C. in April to work for support for research on this major disease. For his efforts, he was recently recognized, in a national survey by HomeInstead Senior Care as Vermont's outstanding volunteer. Between volunteering efforts Dan and his wife, Jeanette Voss, find time to travel, both to visit children and grandchildren and see this great country. They recently returned from a week in Las Vegas, where they visited Red Rocks Canyon, the new bridge below Hoover Dam and the Mob Museum, among other sights. **Jeannie Young Weaver** (Largo, Florida and Readville, Maine), **Anne Gulick Heck** (Queensbury, New York), **Joan Billington Dickson** (Sarasota, Florida), and spouses enjoyed their annual meeting in Ellenton, Florida, recently. All are enjoying a wonderful retirement with Anne being the most recent. **Ruth Fundin Randle** married **Will Ingalls** (UVM Medical School class of 1964 and former high school classmate) on February 23, 2014 on the

Hawaiian Island of Kauai. **Paul Salvage** is now retired from the practice of law and living in Southern California with wife, Phyllis, near daughter, **Andrea Salvage Motawi '91**, and her family. He reports, "We are busy golfing, traveling, and doing some volunteer work." Send your news to—
UVM Alumni Association
411 Main Street
Burlington, VT 05401
alumni.uvm.edu/classnotes

61 **Michael Bartenstein** married Paulette Ann Bartenstein (nee Smith) on December 19, 2013. **Carol Overton Blanchard** spent Christmas on a riverboat cruise up the Mississippi from New Orleans to Memphis. She barely made it home to Palm City in sunny south Florida before weather caused flight cancellations. **Adele Mary Kahwajy** is retired and loving it. She says, "The older I get, the more I love UVM! Best regards to all. Note: you can always find me in the phone-book. Just remember that 'h' is the third letter of my last name." **Caroline Braun Leone** reports, "My husband, Andy, had open heart surgery last May, gallbladder surgery in September, and I have a herniated disk in my neck. By the theory that what doesn't kill you, makes you stronger, we should be going great guns this year! Being semi-retired is nice. I sell some books and spend the rest of my time gardening, reading, doing needlework, visiting children and grandchildren and waiting for the birth of our newest granddaughter in May." **Paul Murphy** has cut his work hours to half days: 7 a.m. to 7 p.m. Still enjoy skiing, trips to Paris, and summers in Kennebunkport. We see **Ann** and **Bob Goldman** frequently. Birthdays of our grandchildren in common provide an opportunity to enjoy each others' company. We still have fond memories of the 50th reunion with special thanks to **Carol Demas**, **Ray Pecor**, and **Steve Berry**." And, as for your class secretary, I continue to keep busy with skiing, traveling, and volunteering. This winter included ski weeks in Lech, Austria, and Val Gardena, Italy, followed by a few days in Venice. Most winter weekends were spent skiing in Stowe, where I ran into skiing classmates **Tom Amidon**

and **Bill Adams**. I am a volunteer on the board of the Direct Federal Credit Union (previously the Polaroid Credit Union) in Needham, Massachusetts, and am treasurer of Mink Meadows Association, a landowners group on Martha's Vineyard. Send your news to—
Steve Berry
8 Oakmount Circle
Lexington, MA 02420
steveberrydhs@gmail.com

62 **Steve Burzon** writes, "My wife of 30 years, Nancy, and I live in Danby Four Corners in Rutland County. Our three children and four grandchildren live nearby and we see them often. Our 29-year-old, Matthew, moved to Wiliston this year. We get to the Burlington area often, especially summers, when we are sailing Albireo, our 41-foot Swan sloop out of the Point Bay Marina in Charlotte. Nancy works in workforce development, and I am an entrepreneur running my 13-year-old landscaping and fencing businesses, Garden Arts and Manchester Fence in the Manchester area. Two years ago, we opened a unique food store called the Garden Arts Fresh Market in a defunct service station in Manchester Depot. We still pump gas but inside we operate a farmer's market that is open all day year round. In addition to locally grown and produced foods, we sell products found in food co-ops around the state. As I write this, we are working on launching a site that will sell Vermont foods directly to consumers all over the nation. Beyond sailing, we get to spend a month each winter in Frenchside, St. Martin and have recently gone back to skiing as often as possible. Hello to **Jules Older** and **John Lazarus** with whom we are in touch with often. **Jules Older** is the main Slope Dope, a.k.a. ski blogger for the *San Francisco Chronicle*. You can read all about it at blog.sfgate.com/ski." **Judy Pillsbury Siccama** writes that she and **Tom Siccama** moved in July 2013 from East Haven, Connecticut to Shelburne, Vermont, to live at Wake Robin. She says, "We live close to daughter, Carolyn, Carly and Chris, about five minutes away. Brother and sister are really close! Now we can make maple sugar, grow beautiful flowers, and eat delicious food."

It's all a big part of our home now. There are about 280 of us living in the beautiful home space." **Charles Wesley Stevens** says, "Now that I am fully retired from my one and only paying job for 33 years at the American Stock Exchange in New York City, I am deeply grateful for my Vermont education from grade school in Montgomery Center, Vermont, to high school in Enosburg Falls, Vermont, and to the University of Vermont in Burlington, Vermont. That education provided the great knowledge for me to make all those grades and, after 37 years at the American Stock Exchange, I retired and moved to Lancaster, Pennsylvania with my new wife, Geri, and our son, John, who is an attorney in Lancaster, Pennsylvania. **Lee Cauley Bordas** writes, "So glad to see so many classmates at our 50th. Plan to return for 55th as I had a great time. The walk from Redstone seems longer than I remember, and I got lost on campus. Newest granddaughter, Chloe Bordas, was born in January, and a second grandson arriving in June—better late than never!" **Joann Brzezicke Trolinger** shares that she and Don celebrated their 50th anniversary last September and are recovering; Don from a four-vessel bypass and Joann from some surgery. Both are doing well and have been traveling in California and are due to go to Georgia to the Masters and then another golf trip to Myrtle Beach. Joann says, "I am going to Spain and Portugal in the fall with friends. Semi-retirement is going well. Still do clinical and teaching." Send your news to—
Patricia Hoskiewicz Allen
14 Stony Brook Drive
Rexford, NY 12148
traileka@aol.com

63 **Julie Hersey Chapman** enjoyed reading about our celebrations in the most recent Class Notes and remarked that it is so nice to stay in contact with UVM friends. **Elaine "Lainie" Stauber** thanks us for sharing her greetings with other classmates. Lainie also shares many interesting articles and seminar opportunities for those of us who wish to continue to be vibrant and fulfilled women and citizens. **Lyn Lifshin** is an example. Her last writing is a piece about

Malala, the young Pakistani woman who was shot and captured for standing up for women's rights to education. You can find Lyn's book on Amazon. **Judith Simonds Shea** says, "Well, it was the winter of all winters here in Burlington! Icy and frigid with below zero at night. Anyway, I went downhill skiing, sold my building on Church Street in February, and am now thinking of moving to a warmer climate, perhaps, the Villages in Florida." As memories of our fiftieth reunion continue to ignite many conversations among our classmates who were or were not present and create many opportunities for us to reconnect, we are already looking forward to our fifty-fifth reunion! Our class president **Jeff Falk** writes how much he enjoyed our fiftieth and how nobody seemed to age! He reminds us that it is never too late to begin planning for our fifty-fifth reunion. For those of us who did attend the fiftieth, he asks that we talk up our weekend and light a fire of participation. Jeff also wishes us to stay well, happy, and visit a classmate! As for me, I continue to fill my life with joy of family and friends, dancing, and skiing. As some of you know, I began ballroom dancing shortly after my husband of thirty-eight years, Joe, passed away. I am now dancing in showcases and preparing for competitions! My latest ski adventure includes winning a silver medal in my age category at the Lindsey Vonn Epic Ski Race finals in Beaver Creek this March. My daughter, Kelly, won a gold and had one of the fastest times for all women. Looking forward to many more years of active and interesting adventures. Send your news to—
Toni Citarella Mullins
210 Conover Lane
Red Bank, NJ 07701
tonicmullins@verizon.net

64 50TH REUNION OCTOBER 10-12, 2014 alumni.uvm.edu/reunion

If you are interested in planning your upcoming reunion, email alumni@uvm.edu. **Ged Deming** was appointed to the board of Thomas Jefferson Hospital Healthcare Systems in Philadelphia. **Jim Rosenberg** is looking forward to Octo-

ber and our 50th reunion. He writes, "Seems like only yesterday we were at UVM. Things have changed: no football, no significant fraternity life, and no Kake Walk but it's still our UVM. I am now semi-retired from ophthalmology working only two days a week. My wife, Shelly, and I share five wonderful children and three energetic grandchildren. Still in close contact with a few of the boys from Fern Hill. I hope that we have a great turn out for our reunion!" **Linda Herzenberg Sparks** writes, "While many of you have stayed in touch with your fellow classmates, roommates, sorority sisters or fraternity brothers, many have not. Some of you have returned to UVM and Burlington and seen the many changes, i.e. no cafeteria in the basement of Waterman and additions like the Davis Center. I would like to invite you all to return to beautiful Burlington and make our reunion a gala event. Reunion is now during fall foliage time so that you may savor the beauty of the season and wander through the hal- lowed halls checking out classes and your old haunts. Please do join us and don't wait to make your reservations. I look forward to seeing all at the Reunion in October, 2014. On a family note, while we are celebrating our 50th, my daughter, **Jennifer**, will be celebrating her 25th at UVM. I don't know how you feel but I am way too young to have a daughter that old."

Send your news to—
Susan Griesenbeck Barber
1 Oak Hill Road
P.O. Box 63
Harvard, MA 01451
suebarber@verizon.net

65 **John Coleman** writes, "I finally took a long-procrastinated road trip from Maine to Florida in February, stopping in various Florida venues to visit with old early '60s SAE pals **Peter Weiss**, **Chuck Marsh**, **Tony Russo**, and **Bob Pasco**, along with fellow Converse Hall dorm rat from my freshman year (1961-62), **Bob French**. Funny how 50 years slide by in the wink of an eye!" **Ed Hootstein** moved to San Francisco and earned a master's in educational psychology. Later he founded a K-8 alternative private school. Yearning for spectacu-

lar places to hike and ski, he moved to Portland, Oregon where he lived for more than 20 years, working in public education and getting a doctorate in education at the University of Oregon. He served as assistant professor at the University of Portland and Skidmore College. In his 60s, this time yearning for sunshine and a small university-town, he relocated to Charlottesville, Virginia. Now semi-retired, Ed works part-time at UVA's Art Museum, primarily helping with K-12 school tours. He lives in an old farmhouse in a wooded area, where he likes to write, cook, play jazz, and walk around his land. He and his wife Sharon have two children living out West. Ever an adventurer, Ed will return to Northern California for retirement and, importantly, body surfing, and long walks on a beach. **Howard Lapidow** has retired from dentistry at Tucson Veterans' Administration Hospital and lives happily with his wife, Donna, in Tucson, Arizona. **Frederick G. Lippert's** latest invention, a suturing pad, is now being incorporated into the UVM curriculum. His major invention, Sawbones, continues to thrive. **John Tartera** shares that after graduating from Temple University School of Dentistry and a tour of duty at TAC Headquarters, he practiced dentistry in Williamsport, Pennsylvania, retiring ten years ago. He currently lives in Naples, Florida, and would love to hear from classmates if they live in or visit the area. **Mark Goldstein** writes "I started Quantum Group in 1982 when a colleague from Atlanta Stove Work told me he was interested in a carbon monoxide safety shutoff for appliances and furnaces. Quantum Group also worked with the University of California at San Diego and the Gas Research Institute. The Gas Research Institute and Atlanta Stove invested \$1.5 million into developing and testing appliances with CO safety shutoff systems. Quantum Group, continues to conduct forensic and expert witness services, and also conducts research and development, which resulted in many new patents including the world's first biotechnology based gas sensor. Quantum entered the RV carbon monoxide alarm market in 1990 and safety shut off markets soon after. In 1993 Quantum

CLASS NOTES

developed a strategic relationship with First Alert. Quantum licensed its carbon monoxide alarm technology and sold First Alert over 25 million sensors. We grew that business to over 31 million sensors shipped to date. Quantum private labels alarms for Honeywell, MasterGuard, Napco, Potter and others. This is our 32nd year in business. Quantum continues to conduct forensic investigations and expert witness services with a focus in the areas of carbon monoxide and other poisonings, explosions and fires, combustion, and rocket fuels. I do forensic work for both criminal and civil cases. I have more than 30 patents and more than 40 publications. I have four children. The youngest is a 13-year-old girl named Amanda Kellie Levin Goldstein who loves to compete in figure skating. I have nine grandchildren to date. The oldest just graduated from the University of Texas in two and a half years with honors. My current hobbies include skiing, scuba diving and underwater cave exploring, sailing, and hiking."

Send your news to—
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66 Margery Wolff Carty has just retired from teaching and is spending winters at the Polo Club in Boca Raton, Florida. She is anxious to connect with fellow UVMers and would love to attend the annual Florida reunion next year. Please contact her at mwcarty@aol.com. **William Donner Gillespie** passed away on September 22, 2013. **Jack Gilman** writes, "Debbie and I built a home in Mazatlan, Sinaloa, Mexico and are here about seven months each year and enjoy the beautiful beach, golf, and weather. The rest of the year is usually in Wilson, Wyoming, or near Denver, Colorado. Last year we were on a road trip spending time in Vermont reconnecting with Phi Deltas: **Mike Roberts**, **Dave Ely**, **Reg Rhodes**, **Steve Broderick** and their wives. We traveled about 6,500 miles and saw many friends and a lot of rain! Back to Denver for our daughter's wedding and then back to Mexico in mid October." **Michael Karel** is staying busy teaching and coaching

swimming at the Greater Washington JCC. He says, "Last summer I took a team to Los Angeles, this summer to Cherry Hill, New Jersey. For all my ex-teammates, I still play ball!" **Tom Eddy** sent a note expressing his kind thoughts about **Bill Robinson** who was a member of Phi Delta Theta fraternity. Tom remembers Bill for his kindness and spirit as well as the memories and good times they shared as classmates. **Claudia Westcott Pesino** tells us that she loves to travel! She writes, "This winter I hung out with friends aboard a rented houseboat on the St. John's River in Florida. The river runs north from below Orlando to Jacksonville where it empties into the Atlantic. We boarded mid-river near Deland and visited Blue Spring, a historical site and winter home of manatees. There is a picture on the Alumni Association website Flickr photo gallery of me reaching up to read a tag attached to a purple net. This is a trap for the destructive Emerald Ash Insect that Florida Environmental is monitoring near Blue Spring. In May, my bucket list took me to Ecuador where I hiked the Andes, boated on the Amazon, rode a zip line and visited orchid and exotic bird preserves." **Lois Dodge Woodard** is living in Montana and loving it! She reports, "My husband, **Mike Woodard '64**, **MSME '66**, retired last year as CEO of R.L. Winston Rod Co. and now we spend the winters skiing at Copper Mountain, Colorado, with our children and five grandsons. We return in early March to Montana where I am in my fifteenth season of coaching high school girls' and boys' tennis. We took up golf one and a half years ago, as well, and spend many hours tuning up our strokes! If your travels bring you to Montana, we would love a visit!" After many many years of living in Montpelier, Vermont, my husband, **Ken McGuckin**, and I have moved permanently to St. Augustine, Florida, where we have spent several winters. We finally decided that ice is not our friend! Shortly after our move we attended a house party and surprised **Rusty Brink** who was also a guest. He and his wife, Kathy, now live in Palm City, Florida, where they remain active in fundraising for nonprofits. Needless to say, we had the best time catching up and laughing

about all those interesting experiences we had so long ago at UVM." Please send some news about yourselves. Your classmates are interested in reading about you!
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67 Alison Bristol Komenda shares, "In my twelfth year of retirement, I am enjoying time to travel, to craft, to visit old friends and especially to enjoy my granddaughter who will be joined by a sibling in September. Had a nice visit in October with one of my freshman-year roommates, **Anne Cotzin Soini** and we are planning on meeting up with our third roommate, **Betsy Stewart Benton**, this summer at my summer place in Vermont. Maybe **Nancy Nelson** and **Anne Tyler** will join us also. Looking forward to it, especially to summer after this endless winter." **Janet Ruth Parsons** writes, "I was a Gamma Phi Beta (Beta Nu chapter at UVM), and since receiving my bachelor's from UVM in 1967, have held several jobs: teacher-librarian at Concord High School in Vermont's Northeast Kingdom, a clerk at Green Mountain Athletic Club in Shelburne, Vermont, and several jobs at Duke University in Durham, North Carolina. Here at Duke, I received a master's in liberal studies in 2005. As part of the Gothic Cathedrals course, my class took a tour of the gothic cathedrals of northern France, starting in Paris and doing a counterclockwise loop through the north of France. Each student was assigned to make a presentation on a specific cathedral. Mine was Amiens. At the end of 2012, I received my master's degree and then retired from my last job at Duke University Medical Center, where I was managing editor of the journal *Neuro-Oncology*." **Anthony "Tony" Rishe** posted a photo on the alumni Flickr gallery. He is enjoying the Bob Marshall Wilderness in Montana. He writes, "Fly fishing in the middle of 1.3 million acres of wilderness. The good life!"
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68 Jeff Kuhman writes, "Former UVM 'gridders and dinosaurs' class president **Paul Malone**, offensive tackle and UVM Hall of Famer **Jeff Kuhman**, along with quarterback **Paul Simpson '69**, punter, **Art Brown '69**, and strong safety and recently retired UVM Athletic Director **Rick Farnham '69** recently attended the Pats "game for the ages" at Foxboro. **Paul Simpson** has a rollout kitchen that he constructed in the back of his van and Rick Farnham makes the best scrambled eggs you have ever eaten! The tailgate started at 8 a.m. and finished just short of 8 p.m. In between, the Pats came back from a 26-14 deficit with less than two minutes in the game and won 27-26. (Reminded us of the old days with the Catamounts.) Lots of reminiscing and lots of embellishing our accomplishments. We hope to build on this and get together with more classmates and teammates in the years ahead. There is a photo on the website Flickr photo gallery that shows former UVM gridgers." After twenty-three years as chemistry professor and vice president for academic affairs at Saint Michael's College and subsequently twenty-two years as president of Showa Boston Institute (American campus of Showa Women's University-Tokyo), **Ron Provost** will retire with his wife, **Mary Ann '66**, to reside in Vermont during the summer and Naples, Florida, in the winter. Fore! **Janet Fay Roser** says, "Well, it has been a great run but time to retire from the faculty in the Department of Animal Science, at University of California, Davis. Twenty eight years! Reproductive endocrinologist. Yes, I still ride horses and have four of my own. I will probably move to Sonoma County eventually and work to develop a large equine center. So, hello to all those I remember, especially from Alpha Chi Omega! I loved my time at UVM." **Bill Schubart** shares that he is a fiction writer and his recent publications include: *The Lamaille Stories*, *Fat People*, *Panthead*, and *I Am Baybie*. He says, "I have another novel and collection of stories coming out this year. I often speak to industry groups and writers about the new world of publishing,

good and bad. I'm also a public radio commentator. I currently chair the Vermont College of Fine Arts, VCFA. edu, and live in Hinesburg with my wife, Kate Robinson."
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69 45TH REUNION OCTOBER 10-12, 2014 alumni.uvm.edu/reunion

If you are interested in planning your upcoming reunion, email alumni@uvm.edu. **Bernadette "Brenda" Masi Cogley** says, "I am retiring from Social Security after 13 years of employment as branch chief in an IT department. I have two wonderful children, ages 36 and 33, and a two-year-old grandson. I am celebrating retirement by spending several weeks in Ireland, England, and France and will return to my home just outside of Baltimore. Looking forward to enjoying a leisurely retirement."

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70 William "Bill" Ballard reports he is celebrating his 45th year at UVM. He currently serves as UVM's associate vice president for administrative and facilities services, with oversight responsibility for administrative support, auxiliary, public safety, and facilities services. He also serves as UVM's emergency management director and as faculty adviser to UVM Rescue. **Bill and Lynne D. Ballard G'79**, **Ed D. '87** have two children; **Lindsay Ballard** who earned a B.S. from UVM in 2012, and Peter, who is a senior at Champlain College, where Lynne serves as associate provost and professor. **Stephen Cooke** retired from the University of Idaho in 2010. He reports, "I ran for county commissioner for Latah County, Idaho in 2012 election and lost 47-53%. Recently, I began working as a regional economist for the Implan Group, a regional economics data and software firm located in Huntersville, North Carolina." **Carl**

Jacobs has been living in Israel for the past three years. He writes, "I am basically retired, doing a lot of travel with my wife, Anita; eight countries in the last year. I would love to hear from any other UVM folks living in Israel." **Frank Luisi** and his wife were blessed to welcome the birth of their first grandchild, Celia Shine Luisi, on September 18, 2013. She has been a joy to them all. **Norine Freeman Noonan** writes "After a successful five years as chief academic officer at USF St. Petersburg, I have returned to the faculty as professor of biology. I'm looking forward to returning to teaching biology full-time and helping my new department grow." **Dick Powell** says, "Following my retirement from the Vermont Department of Corrections, I began work as a full-time deputy for the Washington County Sheriff's Department. I also serve as a part-time Auxiliary State Trooper."
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71 Gary H. Barnes says "I hit a hole in one on November 11—almost as thrilling as meeting my second grandchild, this time a granddaughter, born February 9. Maureen and I have moved into our new place in Florida, and have moved to a smaller house in South Burlington for the summer months." **Mike Rosenberg** has been elected to a third term on the Board of Selectmen in Bedford, Massachusetts, where he has resided since departing Vermont (physically, at least) in 1973. Mike has been presiding at the annual Bedford High School scholarship awards ceremony for almost 30 years, where he presents a UVM t-shirt to each graduate matriculating at his alma mater. (Thanks to classmate Sarah Sprayregen at the UVM Foundation for help procuring the shirts on short notice.) **Peter A. Rousseau** and wife, **Billie** (Virginia Tech 1973), are expecting their third grandchild in July. Daughter Elena and husband Mark reside in Fredericksburg, Virginia. Son Charles (Williams College 2011) is working on his doctorate in English literature in the UK at the University of Cambridge where he is

on a fellowship. Son William (James Madison University 2012) resides in Los Angeles and is working at Guitar Center corporate while pursuing a career in music. Last year, Peter and Billie celebrated Easter Sunday at Kings College, Cambridge and Peter lent his tenor voice to the brilliant choir of men and boys. They love England! Here's a great update from **Linda Blackwood**: "After 30 years as a professor at San Francisco State University, I retired in 2010 to my home in small, rural Marin County, California, town of Forest Knolls. I began pursuing some rewarding volunteer opportunities." She goes on to say, "My first passion is supporting the Marin Agricultural Land Trust (MALT) which for 33 years has helped to rescue 50% of the agricultural land in Marin from development (the Vermont ALT is modeled after it). I lead tours and hikes promote MALT at local events and help organic ranchers remove invasive plants (by hand since they can't use pesticides). I am also a volunteer tutor at The Marin Literacy Program which offers one-on-one tutoring to adult English language learners. My most interesting volunteer activity is as a county fire lookout. Marin County has two fire lookout towers that are staffed by volunteers. During fire season I work eight hour shifts at the tower near my house. Fortunately, I've never had to report a fire but have been called on frequently to confirm smoke to the north in Sonoma County. Free time is filled with long hikes with my dog through our beautiful open space and the wonderful relaxation that comes with retirement. My college roommate married my brother in 1988 and Max and **Francy Canavan Blackwood** live near me in Forest Knolls. Francy retired 10 years ago from a career in journalism and since that time she and Max have spent a large part of every year living in Paris. When she's home, Francy volunteers at the Marin Humane Society as a frequent dog walker and foster mom for dogs waiting for their forever homes." **Nina Joy Nadworny** contacted me asking to connect her with alumni on the east coast and I thought the best way to do this would be to put a note in our column (she agreed). Nina would enjoy hearing from anyone who can



BLANCHE PODHAJSKI G'69

"There's a wealth of evidence that shows us not only how to teach children how to read, but that we can actually change brain behavior. It's amazing."

—Blanche Podhajski, founding director of the Vermont-based Stern Center for Language and Learning, which celebrates its thirtieth anniversary this year.

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CLASS NOTES

share information and suggestions about living and working in southern New Hampshire through Boston and New Bedford, Massachusetts. Classmates will likely remember that Nina has had a career in radio in Arizona. She has been in contact with **Marc Milowsky** already. Please contact Nina directly at ninajy4@gmail.com. I also met up with **Joanne Czachor Magliozzi** and had a great time chatting. It was great fun to hear about her grandson, Daniel. It turns out my other freshman roommate, **Liz Mead Foster**, was in the Naples, Florida, area this winter and ran into **George Kreiner '70** and **Doug Arnold '70**. I heard it from Liz and Doug. Next time Doug promises to invite me. Richard and I are off to England in early May. We're walking half of the 'coast to coast' (190 total miles), so wish us luck. My twin grandsons turn four in April and they are the light of my life. I hope I haven't missed anything. If I have, **Owen Jenkins** can be class secretary. I hear he and **Wendy Reilly Jenkins '73** spent almost a month in Costa Rica this winter!

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72 **Beth "Betty" Allen** writes, "After several visits with our son, Nate, who lives in Salt Lake City, Utah, we could no longer resist the call of the Wasatch Mountains! My husband, Craig Blouin, and I moved to Salt Lake City in October 2013. We are happily retired and enjoy daily hikes, bicycle rides or skiing at Alta Ski Resort. After 40 years working with children and families as a community health nurse, I am thoroughly enjoying volunteer work with environmental groups and the Sundance Film Festival in Park City. Recently got to meet members of the UVM ski team at an alumni event in Park City. They are a wonderful group of young men and women athletes." **David Clinton Carter** shares, "I have been married for 33 years to Barbara, 30 years living and practicing law in South Hero, 37 years ski patrolling at Bolton Valley, father of two (lawyer & landscape architect), grandfather of one, Rotarian for 32 years, involved with many

volunteer activities and hoping to do more traveling. UVM taught me to lead a balanced life." **George Cook** and wife, **Dorothy Cook '73** Nursing, have been married 41 years and have three adult children and three grandchildren. Active for 39 years as members of Morrystown Rescue, 38 years with Hyde Park Fire Department, George has been a professor for 35 years with UVM Extension; Dorothy, has spent 41 years as a registered nurse at Copley Hospital ER. **Steven Himelfarb** writes, "Hey guys! 1970, 1971, 1972! Doing well, retired I guess. Send me an email. Would love to see old friends again." **Marcia Prindle Marble** reports, "August 2014 will find Marble Realty in Morrisville, Vermont, to be 38 years young. My husband, Roy Marble, and I relocated from Charlotte, Vermont, to Morrisville in 1974 and opened our business in 1976." **Susan Hynes Taylor** reported the arrival of granddaughter, Waverly, in early February. Susan's sentiments are expressed so well, "It's impossible to believe the love you feel immediately for the wee ones." I so agree.

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73 **Teresa Elwert** retired October 31, 2013 after 25 years as a writer, editor, and trainer at Mercer, the global human resource consulting firm. She writes, "I'm now training for, and doing, adventure travel. Calling all Nice, France, participants in the 1971-72 Vermont Overseas Study Program! I'm organizing a transatlantic crossing on the Queen Mary 2 in 2016 to celebrate our 65th birthdays and to commemorate the 45th anniversary of our trip to France. Contact me if you're interested in joining the fun: telwert@hotmail.com." **Carolyn Read Sheron** is a Montessori school substitute teacher, 4-H sewing advisor, and fabric shop heirloom sewing teacher. She and husband, **Bill Sheron**, reside in Wooster, Ohio. Bill is CEO of Wooster Community Hospital and is completing his 20th year in that capacity. Under his leadership the hospital has been named a top 100 hospital in the nation multiple times. They have three children: Mol-

lie, a clinical pharmacist (Centre College; graduate: UNC Chapel Hill), and college student twins: Todd, Elon University; and Laurel, Birmingham Southern College.

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74 40TH REUNION OCTOBER 10-12, 2014 alumni.uvm.edu/reunion

If you are interested in planning your upcoming reunion, email alumni@uvm.edu. **Robert Skinner** writes, "We left Vermont in 1978 to move to Acworth, New Hampshire (pop. 900) where my ex-wife and I raised our four children now 35, 33, 31, and 27. I am trying to semi retire after 40 years in building construction, the past thirty in timber framing and historic restoration. I still get to Burlington and Stowe to see friends and relatives and would love to hear from old (I mean young) classmates. I just recently got on line, or as my kids put it: Dad gets real! I am looking forward to seeing all of you in October for our 40th reunion, my first reunion. Friends: Please email me: robertmskinner@gmail.com." **Tom Petit** reports, "I am retiring from being the Operations Officer for Caledonia North Supervisory Union in August 2014. I will finish building my home and workshop over the following 6 months (only 14 years to complete) and then see where I might turn. Hard to believe that it has been 40 years since college. It seems like 10 years ago." **Steve Rice** writes that he is looking forward to retirement, and finally writing a book he intended to author while he was a student at the University of Vermont. He and his wife, Anna, celebrated their 33rd wedding anniversary in May, 2013. They plan to relocate to Costa Rica for at least part of the year. Steve is looking forward to October's class reunion, and hopes to see former classmates in Burlington. He writes, "I enjoy karaoke and dancing the night away." Surviving a health scare last summer (acute pancreatitis), Steve advises everyone to take time to enjoy life to the fullest. Steve would love to hear from former classmates (swinner123@

aol.com). **Craig Woodworth** and his wife, Priscilla, live in Potsdam, New York, where he is professor of Biology at Clarkson University. After 34 years of living the dream in wood-working **Paul Zenaty** tells us, "I have my website up and running. Take a tour of my one-of-a-kind furniture creations at www.paulzenaty.com." **Zeke "Steve" Gardiner** says howdy to the Marsh Hall party animals, his Living And Learning buddies, and the Royall Tyler Theatre aficionados. It seems like just yesterday we were enjoying the incredible UVM experience. Yes, we were footloose; yes, we probably spent more time 'downstreet' than in the library but I would not exchange that wondrous discovery period for anything. It prepared me for a lifetime of learning and an incredibly fun and satisfying career. I have spent the last 35 years in the leadership development field. 17 years at Champion International and the last 13 at Purdue Pharma in Stamford, Connecticut. I live in Trumbull, not far from **Tom Lenci**, the tremendous UVM tennis player, and great supporter of our alma mater. My wife and two daughters are avid skiers and we love returning to Vermont. We spend our summers at a family camp in Bear Mountain, New York. I would love to catch up with you. Signed, That Crazy Legs Dancer Zeke. Special shout out to **Beebs Resnick Rathbone** and **Jeanne** (Did you ever become a General?)." We will be celebrating 40 years since we graduated from UVM. Don't miss this fun weekend, October 10-12, 2014. We will have a blast remembering our fun times and rekindling our life-long friendships. This weekend coincides with leaf peeping season and Columbus Day weekend so please make your reservations now! Here is the link to hotels with UVM reunion discounts: alumni.uvm.edu/homecoming/travel, but we have been told that you must call for the two-night stay. If you book online, there will be a three-night minimum, due to the holiday. Also, consider becoming a sustaining member of the university and receive discounts on reunion registration, UVM bookstore, hotels and Ben & Jerry's ice cream. We are now a self-sustaining Alumni Association, funding these great events by selling \$40 alumni memberships (lifetime

memberships available as well). Purchase your membership before you register for reunion and get five free months of your annual membership! Join our class on Facebook to see plans for our upcoming 40th Reunion. See you there!

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75 **Debbie Sample Kim** writes, "I can't believe I've been living in Utah for 24 years! (What a long strange trip its been.) Thank goodness for Tri-Delta buddy, **Heather Logan Weiler '76**, who also lives in Salt Lake City and has helped me stay grounded. The last of my three children graduated from high school in June; two are in college (Barnard and University of Utah Honors College). Still working in healthcare as an APRN. I don't think retirement will happen any time soon." **Arthur "Artie" Miller** retired last year after practicing law in Philadelphia, Pennsylvania, for 30+ years as a partner at Blank Rome LLP and then as executive vice president and general counsel of GSI Commerce, Inc before its sale to eBay. He and his wife **Cindy Orms Miller '78** are enjoying their free time traveling and visiting with old friends. Attending Artie's surprise 60th birthday party last year were fellow UVM alums: **Jeff Spengler '78**, **Andy Oxenhorn**, **Ruth Lederkramer Chiles**, **Tim Fenton '76**, **Cathy Scharfen Fenton '76** and **Keryn Kaplan Stallbaumer '78**. Artie and Cindy have two children. Their son, Sam, graduated from Colgate University in 2009 and is getting his master's in business administration at The Wharton School of the University of Pennsylvania. Their daughter, Sarah, graduated from the University of Pennsylvania in 2011 and is working in New York City. **Gina Rayfield** says, "By the time this is published I will have celebrated the graduation of my second daughter from UVM. It has been wonderful to watch my daughters, **Sasha Rayfield Borax '12** and **Blair Rayfield Borax '14** choose to attend UVM and have as great a college experience as I did. It has also been a great excuse to continue to visit Burling-

ton over the years and see college friends, **Kent Cassella** and **Larry Onley**. I have stayed in touch with **Birdie Flynn**, **Carol Wolk Herbert** and even spent the holidays in Paris with roommate, Dr. **Kathy Bowlers**, together with our families who have remained close over the years. Looking forward to future grandchildren continuing this legacy." **Helen Riendeau** reports, "After 30 years of working in human resources and operations management for a Michigan utility, I retired in 2012. I did a little travelling and enjoyed life on 'easy street' for a couple months while I decided on my encore career. Having been a pre-law student while at UVM I decided to go back to school and completed a paralegal certificate. I now work for a law firm in Lansing, Michigan. **Tim Wentzell** has retired after 27 years as a professor of mechanical engineering. He continues to consult and looks forward to returning to his Vermont home. He encourages his fellow alumni to check out his recent novel, *Faded Giant*, which takes place after the accident at Three Mile Island and ends in the Northeast Kingdom of Vermont. **Janet Glenney Roche** writes, "We have been very busy rebuilding our log house after a chimney fire burned it down. Mathe built it the first time. We lost most of our belongings but, fortunately, no one was injured. Our oldest daughter is a social worker in North Carolina. Our second daughter was married in January and will graduate from physician's assistant school this May and our son will graduate from the University of Connecticut this May, with a degree in civil engineering. I have been busy working full time in the local Intensive Care Unit, running the youth group at church, teaching Sunday school, and playing in the bell choir. We have been blessed with good health so far. Have a great summer!"

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76 **Leon Corse** writes, "Last spring, my wife, Linda, and I bought out other family members and conserved our fifth-generation family farm. In Novem-

ber we moved to the house where I grew up, after living 33 years in the same house. On January 25 our daughter, Abbie, and husband **David Powell '00** provided us with our second grandson, Niko, brother to three-year-old Eli. **Becky Hawkins** reports, "I have been living in Jackson Hole for the last 34 years, still skiing, hiking, biking, boating, all the outdoors this place has to offer. I decided to start a new graduate degree category called the 'retirement degree' after completing my doctorate in physical therapy in 2012. I have a private practice combining physical therapy and acupuncture/oriental medicine and life is good. And I do hope to retire one day soon! Planning a multi-sport trip to Croatia for the big zero birthday! What's everyone else doing to celebrate?" **Patricia Horrocks** wants you to be aware that **Lorraine Gonzalez Morse** was re-elected to the school-board in Middlebury, Vermont. She says, "I continue to work as a social worker providing outpatient mental health services in the Mohawk Valley." **Laurel Merrill** writes, "I will be in Woodstock from April until October to spend some time with my dad. Not unhappy to leave the heat and humidity behind in my home on Merritt Island, Florida. I lost my husband, Terry, to pancreatic cancer in 2012. It's been an adjustment, but I have lots of happiness with family, friends, and activities. Spent a stint as a bridge tender near home and am now selling specialty rulers designed for quilters at shows around the country. In November, I'm going to visit my son, Morgan, and family in Italy where he is currently stationed with the U.S. Army. Busy, happy and healthy!" **Mark Soufleris** has been actively trying to get more Florida high school seniors to enroll at UVM and attended a recent dinner for UVM accepted seniors. He reports, "What a special time getting to meet several top-notch students, alums, and representatives from UVM. A lot of positive vibes from this group, so hopefully South Florida will be well represented in the class of 2018!" Congratulations to **Gary Wright** on his 300th victory at American International College; a 2-1 victory vs. Army on February 7, 2014. Gary is in his 29th season at the helm of the men's ice hockey

VQEXTRA
online



MARK (HEIDRICH)
BOONE JUNIOR '77

"My character sees that everyone has problems being good or bad. Personally, I don't think people are inherently evil, yet I don't know they're inherently good, either. It's a struggle that everyone engages in every day."

— Mark Boone Junior
on Bobby "Elvis" Munson,
the character he plays
on television's "Sons of
Anarchy" series.

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JAN REYNOLDS '78

"I want to be that voice in every woman's ear, in every little girl's ear, that says, 'You've got this. You can do this. You've got everything you need to be successful within you.'"

—Jan Reynolds on hopes for her new book, *High Altitude Woman: From Extreme Sports to Indigenous Cultures, Discovering the Power of the Feminine*

read more at uvm.edu/vq

program and he is the Yellow Jackets' all-time winningest hockey coach. Along with Red Berenson of the University of Michigan, he is the longest-tenured head coach in NCAA Division I hockey.

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77 This episode of class notes starts in the tropical paradise of St. Maarten (*not*, she will caution, *St. Martin*), where **Patricia Maier** is enjoying her 26th year. She writes, "I have been a remedial teacher and then a reading recovery teacher leader and now I am the English coordinator for public education. I also teach at the University of St. Martin." Patricia graciously avoids gloating over her great fortune. We also heard from **Burton Miller** who is the founder of the Animal Wellness Center in Huntington, New York, a veterinary practice that offers acupuncture, chiropractic, nutrition, homeopathic and herbal dispensaries, as well as Western medicine and surgery, to your beloved pets. He reports, "Had a great Vermont Superbowl Sunday, also my (gulp, 61st) birthday weekend, stayed in Crafts-bury Commons, skied at the Nordic center there, then was one of 11 skiers at Jay Peak the next day. Visited Burlington on the way home with a pilgrimage to my old digs at 64 Hungerford Terrace. The college looked great, easily three times as many academic buildings compared to the mid-late 70's." **Stowe Shoemaker** reports he is dean of the William F. Harrah College of Hotel Administration at the University of Nevada, Las Vegas. Stowe earned a doctorate from Cornell University in 1995. He has been on the executive education faculty at Cornell University since 1996. On this front, **Dave Donahue**, **Greg Marston**, **John McDonald '78** and I will be joining **Sam Goethals** for a charity golf event in May, the second annual mini-reunion, and one hopes it will trend upward. And **A.J. (Joe) Callahan** has tried, and so far failed, to herd the SAE cats into Boston for a brotherly toast. **Tom McKenna**, **Steve Trotsky**, and **Phil Dunn**: let's do it, bros. Time is running out!

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78 Paul H Gershkowitz writes, "I wanted to say hello to my longtime friends. I am still resistant to using Facebook, otherwise I am sure that I would have connected with many of my former friends. Life's been good to me so far! I have four children and my oldest is a sophomore at UVM. I have been in the mortgage business for over 30 years. What a long strange trip it's been! I spend most of my free time with my family and friends. I am now an avid skier and biker. I wish I started to ski while at UVM. I ride in the Pan Mass Challenge each year and I raise money for cancer research. I communicate regularly with **Andy Goodman**, **Mark Goodstein**, **Jonnie Belinkie** and on occasion with **Dave Garrell**, **Larry Whitman**, **Al Dwyer**, and **Paul Goldman**. I have been back to UVM a few times over the years. What a beautiful place." **Elaine Rosen Groundwater** shares, "Our daughter, **Leslie Anne Groundwater '13**, graduated from UVM's School of Business Administration with a bachelor's in human resources and marketing on May 19, 2013." **Mandy Cohen Lees** is in her 17th year working for Wake County Human Services as a substance abuse counselor for CPS. She says, "I really enjoy my work. In my spare time, I dabble in art, hockey, and camping. Thought I would miss the snow but seem to have adjusted just fine, y'all!" **Diane Riley Pouliot** is pleased to announce the grand opening of Catamount Tours of Vermont LLC. Diane and business partner, Linda, are opening the Southern Vermont market to affordable planned and custom motor coach tours. She writes, "We'd love to work with UVM alumni to charter tours to any and all events." **Stephen Seitz** is the author of *Sherlock Holmes and the Plague of Dracula* and *Never Meant to Be*. He was a featured speaker at the annual 221B Sherlock Holmes convention held in Atlanta, Georgia, in April. He is currently completing a collection of short stories for MX Publishing in London. **Send your news to—**

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alumni@uvm.edu/classnotes

79 35TH REUNION
OCTOBER 10-12, 2014
alumni.uvm.edu/reunion

If you are interested in planning your upcoming reunion, email alumni@uvm.edu. **Eric Kaufman** tells us, "My wife and I are currently living in Ellicott City, Maryland. I have two sons. One is a CPA at Ernst and Young and lives in Arlington, Virginia. The other is a Petty Officer in the Navy and going to school in Charleston, South Carolina, where we love to visit." **Bill Short** has lived in the Denver area since 1982. He is married to Molly, a pre-school teacher. They have five children, ages 29, 26, 23, 20 and 17. Bill is a trial lawyer emphasizing business and real estate matters. He still plays ice hockey. He played hockey for 27 years on a team with **Max Martin**, **Robert Key**, and **Chris Tweedy '80**. His former teammates have hung their skates but still ski with Bill. Visiting UVM classmates should reach out to Bill for skiing or mountain biking opportunities in Colorado!
Send your news to—
Beth Gamache
58 Grey Meadow Drive
Burlington, VT 05401
bethgamache@burlingtontelecom.net

80 Donna H. DiCello, Psy.D., along with her co-author Loraine Mangione, Ph.D., has a forthcoming volume titled *Daughters, Dads, and the Path through Grief: Tales from Italian America* with Impact Publishers, Inc. in Atascadero, California. Donna, a licensed clinical psychologist, is in full-time private practice in New Haven and Wallingford, Connecticut. She recently left her full-time position as associate director of the graduate program in clinical psychology at the University of Hartford. **Ken Heideman** reports, "I am in my 16th year as director of publications at The American Meteorological Society in Boston, Massachusetts. My son, Justin, turns 14 this month, and my daughter Kayla will soon be 12." **Kimberlee Watts Nicksa**

tells us, "Last August my husband, **Gary W. Nicksa**, and I watched our daughter, Sarah Nicksa, marry David Baker. It was such a happy occasion for our family and Kim's AXO sisters who attended the Virginia wedding: **Allison Fraser**, **Jan Cohen Waterman**, **Mary Jarrett**, **Nancy Lee Monroe**, **Betsy Faunce Andrews '81**, **Pam Rogal Zlota '81**, **Bonnie Caldwell '81**, and **Lyn Tobey**. Sarah has grown up with my AXO sisters in her life and it was wonderful to have them there to share the joy and love at her wedding!" **Heidi Winslow** writes, "I recently received a letter from the Apex directors at UVM and was excited to hear about efforts being made to establish a scholarship fund. Apex was an important component in my education at UVM, and I am very grateful to have been a part of the program. Having a bachelor's in education from UVM, I have found a rewarding career in sports medicine and wellness education. After spending 24 years living in Aspen and Telluride, Colorado and raising two amazing daughters, we are now living on the east coast, north of Boston." Thanks to all who have been sending in notes. I get much pleasure reading all about your lives after UVM. I meet so many alums who tell me the Class Notes column is one of their favorite reads. This is thanks to all of you who take time to share. Keep those notes and cards coming and, if you are ever up this way, let me know. It would be great to catch up in person.
Send your news to—
MaryBeth Pinard-Brace
P.O. Box 655
Shelburne, VT 05482
marybethpinard_brace@alumni.uvm.edu

81 **Mary Ellen Chickering** shares, "This is a big year for our family! My husband and I will be celebrating our 30th wedding anniversary later this year. My daughter will be finishing up her senior year in the business school at the University of Colorado. My son will be starting his freshman year in the College of Engineering and Computer Science at the University of Colorado. We spend a lot of time traveling overseas to visit family members." **Kelly Evans** has now been in Lake Mohawk, New Jer-

sey, for 20 years and loves living on a lake. His business, Signs, Etc., in Sparta just celebrated 12 years in business. Kelly is also still teaching figure skating and power skating, and he is a double U.S. Figure Skating Gold Medalist and currently still skates/trains towards getting his Gold Medal in Ice Dance. Kelly skis regularly at local Mountain Creek Ski area and loves getting up to Killington and the north as often as possible. Had some great skiing this October at Killington, too. Want to ski? Get in touch. **Thomas Horan** writes, "I have traveled extensively throughout China over the last year, as part of a multi-year U.S.-China research collaboration that I direct, aimed at understanding how technological advances can be utilized to enhance the effectiveness of Traditional Chinese Medicine. East meets West!" Tom added a photo of his travels to the Alumni Association Flickr photo gallery. **Karen Kaplan** recently celebrated her five-year anniversary as associate editor at the U.K.-based international science journal *Nature*, where she writes and edits news and features about policy, economic, and budget issues affecting science researchers internationally. Karen will take the reins of her section as editor for at least a year starting in April. A native of Connecticut, she lives in metro Washington, D.C.
Send your news to—
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82 **John Bartlett** shares his greetings from SoCal where he has been living for 18 years with wife, Cynthia, and sons Cameron, Jackson, and Dylan. He says, "We are all wondering when the brilliant athletic director is going to reinstate baseball and softball as varsity sports. It is about time, don't you think?" **Amy Aronoff Blumkin** just finished an awesome two-year project as CMO of the New York/New Jersey Super Bowl Host Committee. **Jamie Fagan** sends news, "Katie and I have moved out of the suburbs and into Beacon Hill in Boston. In two months we will be free of tuitions! In September, we are having a reception at our house for Professor Tim

Bates (Money & Banking) who was my favorite teacher and course. This is a benefit for an endowment for economics, so please come and be generous!" **Debra Fay-Artist** married Michael Artist on a beautiful autumn day in Vermont on September 14. Debra continues her 27-year career with the Federal Aviation Administration in Atlanta where she serves as senior advisor to the director of the Eastern region. **Jim Hewitt** writes, "**Mark Sundin**, **Mark Silva**, and **Jim Hewitt** recently got together for a ski weekend at Waterville Valley, New Hampshire, to relive some old times. To protect the innocent, no further details were available. A photo has been posted on the Alumni Association photo gallery. **Beth Moody Jones** shares, "I just received notice that I have earned the 2014 Dorothy E. Baethke-Eleanor J. Carlin Award for Excellence in Academic Teaching from the American Physical Therapy Association. I am currently an associate professor with a dual appointment in physical therapy and cell biology and physiology teaching in both physical therapy and the School of Medicine at the University of New Mexico. My primary teaching responsibilities are in gross anatomy and advance manual therapy." **Randy Ross** will be performing his one-man show, "The Chronic Single's Handbook," at the Edinburgh Fringe Festival in Scotland 8/4-8/16. Please come! Info is on his website: randyrossmedia.com. **Eileen Fennell Thurston** married Dana Thurston on February 1, 2014. Respected scholar, teacher and administrator **Michael J. Yelnosky** will become the fifth dean of Roger Williams University School of Law, effective July 1, 2014. In his previous administrative role as associate dean, Yelnosky was instrumental in leading the law school's successful effort to gain membership in the prestigious Association of American Law Schools. He also designed and conducted annual studies of the scholarly output of the faculties of most American law schools, which documented the achievements of the faculty at Roger Williams (fifth in New England, trailing only Yale, Harvard, Boston University and Boston College) and garnered national attention. He was named distinguished service professor of law in

2011.
Send your news to—
John Peter Scambos
20 Cantitoe Street
Katonah, NY 10536
pteron@verizon.net

83 **Robin Edelstein** writes, "After teaching in Richmond, Virginia, and Naples, Florida, my son and I (and a few pets!) now live in Cary, North Carolina. Teaching high school math continues to bring me joy as well as advising SADD and CERT. What I miss are a few people that are special friends from UVM: **Seth Blitzer** - please call or write! **Mark DeNuccio**—hope you are doing well! **Tom Gate**—I am so glad you wrote to me! **Geordie Evarts**—are you still in Vermont? And **Jan Hale**—thank you for remaining my dearest friend through thick and thin!" **Deborah DeMore Greenwood** tells us, "I have been busy the past four years completing a doctorate in nursing science and healthcare leadership with a focus on health information technology and diabetes. I have been working as a diabetes program coordinator at Sutter Health in Sacramento, California, while going to school at the University of California, Davis. I was recently elected to a three-year term on the board of directors of the American Association of Diabetes Educators as president in 2015. The position will allow me to travel to many national and international diabetes meetings and connect with many diabetes educators. As a graduation celebration, my husband and I and our four children will be traveling to New Zealand for three weeks in July. I was so happy I was able to attend the reunion last fall and connect with **Jane Travaline Sullivan**, **Marcia Madden Taylor**, **Lisa Feuss Ballard** and many others! Please connect with me on LinkedIn or email me at greenwd@sutterhealth.org!" **Priscilla Howe** has been a full-time professional storyteller since 1993. She has traveled around the world to Belgium, Germany, Bulgaria, Brazil, Mexico, Peru, Argentina, and Chile with a head full of stories. She occasionally touches down at home in Kansas City, Kansas. She has just been accepted as a Fulbright Scholar and will spend five months in 2015 in Sofia, Bulgaria, research-

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ing folktales, telling stories and eating excellent yogurt! She can't wait!" **Christine Doremus Hoyt** writes, "I cannot believe that it has been more than 30 years since we graduated from UVM. I have been working as a magistrate in the family division of the Superior Court here in Vermont for the past 15 years. I am proud to share that my daughter, Logan Russell, is graduating from UVM this spring. Time flies." **Marion Larson** visited **Mary Fullerton McCuaig** and her husband, **Carl McCuaig '81**, at their farm in South Woodstock for a mini roommate reunion in mid-January. **Louise Calderwood**, whose family was staying at Mary's B & B, dropped by for a meal-time chat. Marion got to explore the greater Woodstock area attractions including the Billings Farm and Museum, Simon Pearce Glassworks, and downtown Woodstock. A hike on the family property was a highlight with glimpses of nearby mountains in a flurry of snowflakes. The only issue was not enough snow to cross country ski and just when Marion left, the snow started falling! **Ramona Potwin May** says, "Jeff May '82, my husband of 30 years, and I live in southern Colorado with our three delightful daughters, ages 14, 9, and 8. Jeff is a pharmacist and I am a speech/language pathologist. We travelled back to Vermont for our 14-year-old daughter's Junior National Competition in Stowe. It was fun to ski back East." **Send your news to—** **Lisa Greenwood Crozier** 3370 Sally Kirk Road Winston-Salem, NC 27106 lcrozier@triad.rr.com

84 30TH REUNION OCTOBER 10-12, 2014 alumni.uvm.edu/reunion

If you are interested in planning your upcoming reunion, email alumni@uvm.edu. **Leora Black** reports, "This is my transition year with my oldest son at Clarkston University studying engineering management and my youngest at Ithaca College, studying music composition. I am president of the Colchester-Milton Rotary Club which hosted UVM's Resident Sullivan as one of our speakers. I have two businesses: Counseling Connection and Counseling Connec-

tion Training Institute. My husband, Steven Morton, is vice president of development at DEW Properties. **Patricia DeLuca Burke '85** and **Laurie Colon** got together in Fort Lauderdale over spring break. The college roommates had not seen each other since Patty's wedding in 1991, so there was lots of catching up to do! **Mary Lynn Daniels** writes, "I have continued as a high school library media specialist since the fall of 2003. I adopted two children in December of 2005." **Mary Sue Landers Howlett** has enjoyed being back on campus recently with her daughter, Abigail, who is currently a freshman in nursing at UVM. She noticed how things certainly have changed in Rowell! Mary Sue lives with her husband, Tom, in North Andover, Massachusetts, and works as a family nurse practitioner and educator. Abigail's twin brother, Daniel, saw almost as much snow in D.C. this winter where he attends George Washington University. **Kevin B. Jones** is the deputy director of the Institute for Energy and the Environment at Vermont Law School and is coauthor of the new book *A Smarter Greener Grid: Forging Environmental Progress through Smart Energy Policies and Technologies* published by Praeger. **Rob Mallozzi** writes, "I reside in New Canaan, Connecticut. I have been married for 23 years to Elizabeth Howland. Liz is a nursery school teacher in town. We have two kids, Robby (he was the seventh Mallozzi to attend UVM as a freshman in 2011 but it wasn't a great fit and he transferred to University of Connecticut and he is presently studying in London this semester) and Kit, a senior at New Canaan High School who will be attending Syracuse University in the fall. After 25 years of running my family's retail business in town I got involved in local government in 2007 and now serve as the full time CEO/ First Selectman (mayor for those not accustomed to the New England terminology) of New Canaan. I love my role and have had the luxury of running unopposed during the past three elections. My job is 24/7 but new and different each and every day. *Vermont Quarterly* did a wonderful story last year on the large number of UVM grads that are involved with me in making New Canaan so spe-

cial; maybe you caught that. Interests include European travel, shotgun shooting/upland hunting, college football, and classic Mercedes Benz automobiles. I still get up to my home in southern Vermont but not nearly enough!" **Peter Fairbanks Miller** published his first book in 2013, *Let That Fiddle Sing: Poems From a Musician's Mind*. I sold it out but didn't make back my investment. I perform in Vermont as violinist/fiddler/singer/ Professor Fairbanks. I teach a few private lessons. I am creating a new collection of songs and poems. Ski the powder at Smuggs. Been with my lady friend for 23 years now. Have lived in Cambridge, Vermont, for 25 years which equals 100 cords of wood burned in our wood stove." **Bridget O'Donnell** writes, "I realized a lifelong ambition by appearing on Jeopardy! on New Year's Day. I was up against a four-time champion and came in second after a spirited competition. I just wish I would have taken a botany course at UVM. I lost \$3,400 by not knowing Carl Linnaeus! Oh well, you can't pick the categories you get. Still had a great time, and Alex Trebek was lovely. While the show was taped in October, it aired on New Year's Day so we had a well-attended viewing party at RiRa's in Burlington." **Joanna Schaffer** says, "I am missing the short drive to the slopes this winter that I enjoyed in my UVM days. Twin high school sophomores will be starting college visits soon—hope it brings me to Burlington to show off my alma mater. I still think of my pals from rugby and intercollegiate riding team fondly. Congrats to the class of '14." **Marcia Durham Weger** is still living in Baton Rouge, Louisiana. Working part-time as a physical therapist. She says, "I love the mild weather and playing tennis and running outdoors year round! My husband rides in the biggest New Orleans parade with the Krewe of Endymion. Twenty-eight years in Louisiana almost makes us natives!" **Send your news to—** **Laurie Olander Angle** 12 Weidel Drive Pennington, NJ 08534

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Kelly McDonald
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Shelley Carpenter Spillane
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85 Daniel Lawler is married to Suzy Strauss Lawler with a 14-year-old daughter named Aspen and a 10-year-old son named Tyler. He shares, "I am working as a senior sales rep for PJP Equipment and Supply Company out of northeast Philly. I am also in my second term as commissioner of Longport, New Jersey." **Send your news to—** **Barbara Roth** 140 West 58th Street, #2B New York, NY 10019 roth_barb@yahoo.com

86 David Pann reports, "Last summer **Bryan Ducharme** and **Kelley DesLauriers** came out to visit Phyllis and me at our Lake Tahoe house. It was so wonderful to spend time with them after so many years. It reminded me of the impact UVM had on me and the lifelong friendships it helped to create. We were able to spend some quality time with them on the lake and by the fireplace. Hope they can come out again this summer." **Send your news to—** **Lawrence Gorkun** 141 Brigham Road St. Albans, VT 05478 vtlf@msn.com

87 Laura DeLuca published *Lost Girl Found*, a novel with Greenwood Press that is now available. Kirkus review calls this novel "moving and necessary" and says it addresses "a severe imbalance in the amount of attention paid to girls and women victimized in Sudan's long civil war." **Kari Latvalla Miller** tells us, Tri Deltas from the '80s are having a reunion in Burlington, Vermont, September 19-21, 2014. Check out the Facebook page: 80's Eta Chapter Reunion or contact 80sDDDUVM@gmail.com for additional information. **Peter Stebbins** writes that the Smithsonian Institution's Anacostia Commu-

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nity Museum has acquired artwork by **David Jamieson**, gifts which include his Sanctified Dancer silk-screen T-shirt, which many may recall from Jamieson's involvement in the anti-apartheid campaign for divestment of University investments in South Africa. David Jamieson would have turned 50 this past fall; additional commemorations include a special exhibition at Saint Elizabeth's Hospital in Washington, D.C., where his parents were institutionalized at the time of his birth. **Send your news to— Sarah Reynolds 2 Edgewood Lane Bronxville, NY 10708 ssrey2@verizon.net**

88 Janine Tatro Cavanaugh is owner and president of Janine Cavanaugh, Certified Professional Organizer. She enjoys the challenges and rewards of owning her own business, and helping her clients individually conquer their organizing issues, and reach their organizing goals. In January 2014 she celebrated her sixth year in business. Her business services the southern Massachusetts and Rhode Island area, and she lives in North Attleboro, Massachusetts, with her husband of 19 years, Thomas Cavanaugh. **Rebecca Kline**, recently joined an elite group of Rapid City teachers by earning National Board Certification. National Board Certification is geared toward teachers seeking higher levels of professional growth while also critically examining their teacher practices against high standards. Rebecca has been teaching in her district for 21 years. She received her certification in Mathematics/Early Adolescence. **Dave MacLaughlin** ranked in the Top 40 for overall sales volume by Jos. A Bank in the Boston/Rhode Island/Connecticut region in 2013 and he is celebrating his 25th anniversary in the menswear business in 2014. **Karla Galfetti Smith** shares, "I've been at ExaGrid Systems, a computer hardware company in Westborough, Massachusetts, for over a year now, conducting marketing research, writing blog posts, and producing all customer-facing corporate webinars with systems engineers. All is well with my family. My daughters will soon be 11 and 14.

Time sure is flying on by!" **Send your news to— Cathy Selinka Levison 18 Kean Road Short Hills, NJ 07078 crlevison@comcast.net**

89 25TH REUNION OCTOBER 10-12, 2014 alumni.uvm.edu/reunion

If you are interested in planning your upcoming reunion, email alumni@uvm.edu. **Polly Dolan** is missing the clear blue water of Lake Champlain and the snow of the northeast. **Felicia Thornton Dudek** is learning to enjoy life! She says, "I recently retired from the fast lane of 90-hour work weeks in restaurant management and am now enjoying my family and life at a slower pace. Still working but not as hard. Living life that fast you don't realize what you are missing." **Michael Farmer** shares, "In addition to celebrating our 25th year as UVM grads, I am celebrating 25 years of blissful marriage to **Pam Roesch Farmer** and working 25 years for Yankee Farm Credit. We have been living in Fletcher since 1998 and are about to become empty nesters when our youngest son heads off to college in the fall." **Stefanie Friedman Feidelson** writes, "Hello there! Just wanted to touch base before the reunion! I am still living in Bedford, my eldest daughter, 16, started at The Taft School this year. I have 14-year-old and 9-year old daughters as well. Starting to look for colleges... how did that happen?! Looking forward to seeing all at the reunion!" **Rick Webster** writes in, "After the loss of my family in a car accident 11 years ago the Lord brought a wonderful woman into my life six years ago and we've started a new family. Our son, Daniel, was born in October of 2012 shortly after we moved from Colorado Springs to the Vail Valley in Colorado. We're here building a church, trying to reach the people of the valley for the Lord. We love living in the Colorado mountains and being a part of what God is doing in this valley." **Laura Schaefer Wildman** shares, "For the last 20 years I have been a fisheries engineer restoring rivers, primarily through the selective removal of dams. In addition I stay busy volunteering profession-

ally as a recent governing board member for the American Society of Civil Engineer's Environmental and Water Resource Institute and a current American Fisheries Society governing board member, where I am the president of the bioengineering section. My dam removal work was highlighted in a book recently published entitled *Running Silver: Restoring Atlantic Rivers and Their Great Fish Migrations*. I live and work in Glastonbury, Connecticut, have two daughters, Hannah and Hailey, and share my passion for fish and rivers with my fisheries biologist husband, Tim." **Send your news to— Maureen Kelly Gonsalves moe.dave@verizon.net**

90 Kelly Hurstak joined Apex Companies, LLC, an environmental consulting and engineering firm located in downtown Boston, as their division manager. Her favorite part of her day is her walk to work along the Rose Kennedy Greenway! She recently saw **Lisa Ablove** (St. George, class of 1990) at a painting party held by Lisa and her husband, Lee, as a charity event for Dana-Farber. **Andrew Mendelson** started a new job as a senior vice president - controller for the Wholesale Banking Group at HSBC North America in New York City. **Melissa Lawrence Reiner** runs a couture eBay shop from home. She says, "My oldest daughter, Brooke, was accepted early decision to Washington University, St. Louis. My youngest, Jill, plays midfield for a travel lacrosse team." **Kendel Leet** shares, "I have been living and working as a middle school counselor in Jakarta, Indonesia, for the past eight years. It has been an amazing experience, but now I am ready to start on a new adventure in Johannesburg, South Africa. I will be working at the American International School of Johannesburg." **Send your news to— Tessa Donohoe Fontaine 108 Pickering Lane Nottingham, PA 19362 tfontaine@brandywine.org**

91 Send news to— Karen Heller Lightman 2796 Fernwald Road Pittsburgh, PA 15217

khlightman@gmail.com

92 Eileen McGann Dudley shares, "I successfully defended my comps on February 26 and attended UVM Commencement on May 17 to receive my master's in education in interdisciplinary studies." After graduation and a few years of ski bumming, **Will Hatch** ended up settling on Lake Dunmore in Leicester, Vermont. He writes, "I returned to school to get my master's in education from the College of St. Joseph in 2007, and have been teaching and doing IT work in Addison Northwest Supervisory Union for the last seven years. I have a daughter who is a high school senior, a son who is in 8th grade, and my wife, Cindy, works in admissions at Middlebury College." **Stephanie Bull Koehler** writes, "After six years in southwest Virginia, I moved the headquarters of my public relations, strategic planning and marketing firm, SAKinterMedia, to Marin County, California, in September 2013 seeing the San Francisco Bay Area served as a better fit for the company culture and opportunities for growth. I have been an active volunteer and sponsor for many regional projects and organizations including Virginia Women's Conference, Down By Downtown, Jefferson Center and The Refugee Cup. I also serve as a founding board member of The Help Save The Next Girl Foundation." **Dug North** started a business repairing antique and contemporary mechanical clocks. He says, "I've opened up a studio in the Gates Block at 307 Market Street in Lowell, Massachusetts. I work on large and small clocks from a variety of countries. I also have some antique clocks for sale. I can be contacted via email at dugnorth@gmail.com." **Courtlandt Pennell** tells us that he and **Anne Lamb** moved to Colorado with their three daughters last June. He writes, "We enjoyed an amazing snow year here in Breckenridge and have been surprised at how many other Vermonters are out here. We miss Vermont but it is pretty good out here, too." **Send your news to— Lisa Kanter 6203 Walhonding Road Bethesda, MD 20816 jsblk@mac.com**

93 Amy Notari Crory shares that she is happy and healthy, living in southern New Hampshire, with husband of nearly 20 years and six beautiful children. She says, "I am currently enjoying homeschooling them, with our latest focus on speech and debate competitions. Wondering about classmate **Lelia Lamar**." **Julie Croman Fagan** says, "I live with my husband, David, and two sons in Holderness, New Hampshire, where I teach in the nursing program at Plymouth State University. My oldest son, Evan, is a freshman Cadet at Norwich University, and Gabe is a sophomore in high school." **Justin LeBlanc** shares that in celebration of Slugger the Sea Dog's 20th Anniversary in Portland, Slugger and his "original trainer" (Justin LeBlanc '93) will walk from Fenway Park to Hadlock Field (114 miles) raising money for and awareness of Tourette's Syndrome. Justin's son, Theo, has Tourettes so this event is personal. Justin and Slugger are hoping to raise \$20,000 for children's-related Tourette's non-profits. Donations can be made at www.active.com/donate/SluggersWalk." **Send your news to— Gretchen Haffermehl Brainard gretchenbrainard@gmail.com**

94 20TH REUNION OCTOBER 10-12, 2014 alumni.uvm.edu/reunion

If you are interested in planning your upcoming reunion, email alumni@uvm.edu. **Catherine Mandaio** writes, "I am a residential real estate broker in New York City selling co-ops, condos and single-family homes, as well as helping clients locate rental properties. I am offering a discount to other University of Vermont alumni, and I work with a mortgage broker who is also an alum. Contact me at catherine.mandaio@gmail.com." Greystone Prose published *A Customary Obsession 2: Power* by **Jane Creelman Graiko** in November 2013, the second in a suspense trilogy based in Vermont. Ten percent of royalty proceeds are donated to the UVM Foundation Carl Reidel Scholarship Fund. **Megan Mattingly** is currently a CDR in the United States Public Health Service, serving at the National Institutes of Health

in Bethesda, Maryland. **Jeff McNulty** and his wife, Lindsay, welcomed William David McNulty on January 11, 2014. William will be making his first trip to Vermont in October for the Reunion. **Shawn Taylor** has retired from the Army. Prior to attending UVM, he served as an infantryman in the Airborne Rangers. While at UVM he was also a staff sergeant in the Vermont National Guard's Mountain Infantry. After graduation he became an officer and attended the Uniformed Services School of Medicine. He became an Emergency Medicine Physician and served with 7th Special Forces Group and JSOC. He had multiple deployments to Iraq, Afghanistan, Colombia, and the Horn of Africa. I know it is hard to believe, but our 20th reunion is coming up: October 10-12, 2014. Book your hotels now, as they are filling up fast, and plans are under way to make this an amazing weekend. I can't wait to see many of you back in Burlington! **Send your news to— Cynthia Bohlin Abbott 141 Belcher Drive Sudbury, MA 01776 cyndiabott@hotmail.com**

95 Bruce H. Adams writes, "Following service to Connecticut Governor Dannel Malloy as deputy legal counsel, earlier this year I joined the department of banking as general counsel, chief of staff, and legislative liaison. Suffice it to say 2014 has been a very busy year!" **Valeri Pappas** shares that Dean Strober and his wife, Lena, welcomed their new beautiful daughter, Aleeya Rain, and this past fall Dean launched another new festival, The Southwest Bacon Fest. Since moving to Albuquerque three years ago, Dean and his company Blue River Productions, has created and produced numerous events including the Southwest Tequila & Taco Festival, The Taste of ABQ, and is currently hard at work on the fourth annual Southwest Chocolate & Coffee Fest which attracts over 15,000 attendees each year. Look for his events in Denver and elsewhere in the coming year. Interested in one of these delicious events coming to your town, Dean would be happy to make it happen. Remember Belize-beha?? **Shauna Anderson** wrote in

to let us know they got together this summer for a 20 (gasp!) year reunion gig, headlining the Burlington Jazz Fest, with members coming from California, Louisiana, Oregon, New York and all over. It's the whole original lineup! This family friendly event on the waterfront was held on June 7, 2014. **Send your news to— Valeri Susan Pappas vpappas@davisandceriani.com**

96 Barry Gordon has recently been promoted to chief operating officer of the Urban Collaborative, a master planning, urban design, and architecture firm in Eugene, Oregon, that focuses on sustainable and healthy community planning, and form-based codes worldwide. Additionally, Barry has recently returned from Libreville, Gabon (Africa), where he was a team lead developing a new master plan for the Universite Omar Bongo (UOB). The UOB project is in collaboration with the Gabon Oregon Center, and the University of Oregon's Urban Design Lab, where Barry is the associate director. **Send your news to— Jill Cohen Gent 31760 Creekside Drive Pepper Pike, OH 44124 jcgent@roadrunner.com**

Michelle Richards Peters mpeters@eagleeyes.biz

97 Tazeena Corin Amaral says, "I recently took a sales position with Tabanero hot sauce. It is all natural with no preservatives and made in Florida. I am selling in the South Bay of California. We are carried in California, Texas, and Florida. We hope to be in more states in the near future. It's great to represent an all natural product and use the networking skills I learned as a Tri-Delta at UVM! Our hot sauce would be a perfect fit in Vermont. People can order online in the meantime: www.tabanero.com." **Tim Kaul** is gearing up for another fun sailboat racing season on Long Island Sound in Connecticut. He races Viper 640's, a 21 foot, 750 lb, one design performance sportboat. (Viper640.org) A highlight from October 2013, was the Heineken High Performance Dinghy Open hosted by American

Yacht Club in Rye, New York. Sustained winds of 22 knots and gusts up to 32 knots resulted in many cap-sizes, knockdowns, and broaches across the 75+ boats that ventured out. To quote the movie Point Break, it was "100% pure adrenaline!" **Stephen Wagner** writes, "I survived stage 4 colon cancer and wrote a book, *Time Sheets: A Collection of Poems*. Check it out on Amazon." **Send your news to— Elizabeth Carstensen Genung 362 Upper Hollow Hill Road Stowe, VT 05672 leegenung@me.com**

98 Send news to— Ben Stockman bestockman@gmail.com

99 15TH REUNION OCTOBER 10-12, 2014 alumni.uvm.edu/reunion

If you are interested in planning your upcoming reunion, email alumni@uvm.edu. Hello UVMers! I hope you are all getting ready for our 15th reunion; it will be here before you know it. It's time to start reconnecting with old friends and make plans to hit the town! Here are some updates for you all and please keep sending them. **Patti Mahan Welsh** and Ted welcomed their fourth child on Christmas Day 2012. They now have four kids: Lachlan, Ainsley, Lily, and Griffin Theodore. Life is crazy. **Nick Williams** and his wife, Emily, welcomed their second child, Bennett Edward, in March. Ben joins big sister Callie, who is 2. Congratulations and good luck with both of them! **Eric Doane**, his wife and children attended an open house for the 2013 Chicago Blackhawks victory over the Bruins. They posted a photo on the Alumni Association website Flickr photo gallery with their youngest sitting in the Lord Stanley's Cup trophy. **Send your news to— Sarah Pitlak Tiber 42 Lacy Street North Andover, MA 01845 spitlak@hotmail.com**

00 Beth Pinker was recently promoted to vice president of film marketing at Paramount Pictures and resides in Los Angeles. **Walter "Ted" Auch** and his

[CLASS NOTES

their pug in Schenectady, New York. Aaron is a full time professor of English at Schenectady County Community College, and is working on his doctorate in higher education at the University of Maine. Cherise does membership and communications for a not-for-profit association, and recently finished her master's in media studies at Syracuse University, Newhouse. A wedding photo has been posted on the Alumni Association's Flickr photo gallery. **Jacqueline Garran** writes, "I would like to announce my September 29, 2012 marriage to my high school sweetheart, Jesse Tyler Garran, and the birth of our first child, Liam Oscar Garran, who was born on November 22, 2013. We own a home in Tunbridge, Vermont, called Ambleside and I currently work at Dartmouth Hitchcock Medical Center where I handle workers' compensation for the facility. **Melanie Lloyd** recently returned to the U.S. from New Zealand where she completed her doctorate and met her husband, Nicholas Wood. She is now doing field and laboratory research on neglected tropical diseases at the Washington University School of Medicine in St. Louis. **Andrew Richard** is currently serving as a captain in the United States Marine Corps in the Kingdom of Bahrain. **Sumana Serchan** completed a master's degree in environmental management in December 2013 from Yale School of Forestry and Environmental Studies, and is currently working as a research and teaching assistant with Environmental Leadership and Training Initiative program in New Haven, Connecticut. **Sara Clafferty Headley** writes, "I recently married my husband, Mike Headley, in Lake Tahoe, California. Several UVM alumni were present, **Elizabeth Schiffmann '06** as a bridesmaid, and guests **Brittany Gross '07**, **Ellie Valentine '06**, and **Ben Palmer '06**. I started racing road bikes with UVM Cycling, and now race for Team TIBCO, an international-level team based in Northern California where my husband and I both live. I thought it would be cool to give a shout-out to the cycling team, which has graduated many people to the pro ranks through the years, men and women." **Kevin Jones** married Valerie Ryden, a 2008 Marywood alumna, in November of 2013. Kevin currently works in northern New Jersey, as a history teacher and licensed real estate agent. UVM alumni in attendance at the wedding included **Joseph Besl**, **Robert Collins**, **Jonathan Parker**, and **Brady Lee '09**.
Send your news to—
Elizabeth Bearese
ebearese@gmail.com
Emma Grady
gradyemma@gmail.com

09 5TH REUNION OCTOBER 10-12, 2014 alumni.uvm.edu/reunion

If you are interested in planning your upcoming reunion, email alumni@uvm.edu. **Erica Bruno** tells us she has been promoted to district service and parts manager for the Milwaukee Metro in the Chicago Region of Toyota Motor Sales USA. She reports, "July will mark five years with Toyota and this is now my fourth position in the company. **Laura Caughey** tells us **Emma Martin** and **Rob Joseph** were married December 14, 2013 in Wyckoff, New Jersey. The couple met at UVM in 2010 and currently live in Mahwah, New Jersey, with their puppy, Daisy. **Sam Smalley** recently became engaged to **Jenna DeLorenzo '10**. The two have been dating since Sam's senior year and will be married in September 2015 in Scituate, Massachusetts.
Send your news to—
David Volain
david.volain@gmail.com

10 Kaila Aiello DeCaro and **Nicholas DeCaro** were married in Rochester, New York on October 12, 2012. They both live and work in the St. Johnsbury, Vermont, area. Nick teaches 5th and 6th grades and Kaila is a consumer loan assistant at a local savings bank. Upon graduation from the University of Vermont, **Kristin Marie Fioretti** joined the United States Peace Corps and served as a food security extension agent in Nicaragua. She writes, "While it is difficult to sum up 27 months of life abroad in an underdeveloped country, I like to use the phrase, 'fish in water, fish out of water.' The many months I spent immersed in a community has broadened my perspective on societal values culture and purpose. I am currently working and living in New York City at a non-profit dedicated to women's empowerment. I will be attending graduate school this upcoming fall as a Peace Corps Coverdell scholar and look forward to being a part of the academic community again something I have been missing since my days at UVM!" **Gabriele Goulet** shares "I will be graduating from New York Law School (cum laude) on May 21, 2014. I plan on staying in New York City to practice law and will be taking the New York Bar Exam in July." **Lisa Harris** graduated from Monmouth University in January 2014 with a Master of Science in Education in student affairs and college counseling. She is currently working at Monmouth in the department of psychological counseling as their new counselor career connect coordinator. **Samuel Lopez-Barrantes** is currently living in Paris, where he has been writing novels since 2010. He completed a master's degree from University College London in 2013 (European Society)

VQ

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and is currently working with a San Francisco publishing company called InkShares to publish his second novel, *Slim and The Beast*. The project tells the tale of two best friends, a country bar, a famous burger, and a bloodstained floor. The project is available at www.inkshares.com/projects/slim-and-the-beast. After serving two years in Ecuador as a sustainable agriculture volunteer with the Peace Corps, **Erin Menzies** is back in school! She says, "I'm working on a master's in the department of biological and environmental engineering at Cornell University, but I'm still a Catamount at heart."

Send your news to—

Daron Raleigh
58 Madison Avenue
P.O. Box 660
Hartford, VT 05047
raleighdaron@gmail.com

11 Jeffrey T. Moreau G'11 CFRE, MPA has been named director of development at Northwestern Medical Center in St. Albans, Vermont. With over 20 years fundraising experience, Moreau has been charged with creating a fundraising system to help advance the strategic initiatives of the hospital. Prior to taking on this role, Moreau was executive director of annual giving

programs at the University of Vermont Foundation.
Send your news to—
Troy McNamara
troy.mcnamara4@gmail.com

12 After graduating, **Erin Jackson** moved out to Bozeman, Montana, to serve with FoodCorps. As a service member, she designs lessons for the school gardens, teaches nutrition, cooking and sustainable food education, and leads a summer program for elementary school kids with the goal of helping them create an enduring relationship with healthy food. **Allison Blaire Keller** is pleased to share that she is honoring her environmentally-conscious education by joining the development team at Earthjustice in San Francisco. Earthjustice is a non-profit public interest law organization dedicated to protecting places, natural resources, and wildlife and to defending the right of all people to a healthy environment. **Robert P. Rouillard** tells us that he will be getting married to fellow alum, **Caroline Rush '12**, on May 17 in Rye Beach, New Hampshire. Robert is a second lieutenant and Blackhawk helicopter pilot in the United States Army and was just an Honor

Graduate for his flight school class at Fort Rucker, Alabama. Caroline was an environmental studies major and recently completed a 10-week internship at the National Botanical Gardens in Washington, D.C. They currently live in Morrisville, Vermont, and will be moving to Portland, Maine, after the wedding. **Kirsten Schimoler** writes that she continues to work as a senior food scientist at Ben & Jerry's and is currently working at Unilever's research and development center in the UK, just north of London for the next seven months. She is really enjoying a change of scenery for work and exploring Europe.
Send your news to—
Patrick Dowd
P.O. Box 206
Newbury, VT 05051
patrickdowd2012@gmail.com

13 Andrew Cialek works for Backcountry.com/Liberal Media as a vendor shipping regulator. He sends congratulations to all the December 2013 and spring 2014 graduates. **Michael Ferris** writes that he just became the Giant Panda Cub coordinator at the Smithsonian National Zoological Park! **Sarah Kawasaki** tells us that she is working as a registered nurse on

the cardiothoracic and vascular surgery unit at Fletcher Allen hospital. She says, "I got a puppy in October named Charlie, and I got engaged in January. I'm doing great, hope you all are too!" **Danielle T. Leahy** writes that she received the 2013 Lawrence K. Forcier Outstanding Senior Award from the UVM College of Agriculture and Life Sciences at the College's 20th annual Alumni and Friends Dinner in May 2013. Danie is currently a student in the UVM College of Medicine. Smith, Gildea & Schmidt, LLC is pleased to announce **Elizabeth A. Williams** has been named Legal Secretary/Paralegal at the firm. Elizabeth has served as an intern at Smith, Gildea & Schmidt, a regional law firm based in Towson, Maryland, since the summer of 2012. She is in the process of getting her master's degree in criminal justice at the University of Baltimore and plans to apply to University of Baltimore Law School in the near future.
Send your news to—
Katharine Hawes
katharine.hawes2@gmail.com

Madelaine White
mswhite1991@gmail.com

[IN MEMORIAM UVM COMMUNITY

Leonard "Lenny" Miller, Leonard "Lenny" Miller '51 passed away on February 21, 2014. A native Burlingtonian, Miller shaped an extraordinary career in real estate development and an equally outstanding record in philanthropy. At his 55th Reunion in 2006 he announced a \$5 million gift to name the Carolyn and Leonard Miller Center for Holocaust Studies, an area of abiding focus for Miller and his wife, Carolyn, who died that same year.

Prior to pledging their support for the Holocaust Center, the Millers also established the Leonard and Carolyn Miller Endowment, which provides funds for the Miller Symposium at UVM, an intellectual forum for leading Holocaust scholars from around the world. Miller was deeply committed to continuing the university's scholarly and pedagogical work in the study of the Holocaust, and people throughout Vermont and

the region will continue to benefit from that dedication.

Among his many awards, Leonard Miller received the Eleanor Roosevelt Humanities Award from the State of Israel in 1974, the Distinguished Service Award from UVM in 2004, and an honorary Doctor of Laws from UVM in 2007. Miller was inducted into the Florida Home Builders Association Hall of Fame and was selected to serve as a presidential appointee to the National Board of Home Builders. In 2004, the Millers received The Spirit of Jerusalem Medallion for their support of Israeli bonds.

Donations in Leonard Miller's memory may be made to the Greater Miami Jewish Federation or the Carolyn and Leonard Miller Center for Holocaust Studies at the University of Vermont.

INMEMORIAM UVMALUMNI

Mary Peet Green '35, of South Burlington, Vermont, February 7, 2014.
Harold Eugene Ricketson '36, of Stowe, Vermont, January 31, 2014.
Wendell H. Benway '39, of Cambridge, Massachusetts, December 3, 2013.
Lloyd G. Davies '40, MD'43, of Portland, Maine, December 21, 2013.
Marguerite Hallock Impey '40, of St. Johnsbury, Vermont, January 18, 2014.
Clark W. Stevens '40, MD'43, of Dubuque, Iowa, December 14, 2013.
Robert Percy Davis '41, of Montpelier, Vermont, December 20, 2013.
Francis Arnold Caccavo MD'43, of Burlington, Vermont, December 3, 2013.
Mary Hoag Hutchins '44, of Woodbury, Vermont, January 31, 2014.
Dorris Bliss Pizzotti '44, of Gorham, Maine, December 14, 2013.
Richard William Thomas, Sr. '44, of Rutland, Vermont, January 8, 2014.
Pauline Wood Yasinski '46, of White River Junction, Vermont, December 14, 2013.
Jean Carlton Denton '47, of Broad Brook, Connecticut, December 25, 2013.
Gertrude Cheney Fisher '47, of Doswell, Virginia, January 25, 2014.
Ruth M. Post '47, of Fairport, New York, January 11, 2014.
Don Allen Guinan, MD'48, of Manchester, Connecticut, January 27, 2014.
Ruth A. Damon '49, of Montpelier, Vermont, March 2, 2014.
Romeo Lorin Audette '50, of Wilbraham, Massachusetts, February 7, 2014.
Charles J. Ballantyne '50, of Montpelier, Vermont, December 7, 2013.
Donald Sumner Farrington '50, of Noank, Connecticut, December 24, 2013.
Hazel Webster Prindle '50, of Morrisville, Vermont, December 3, 2013.
Paul L. Abbey '51, of Tucson, Arizona, December 18, 2013.

Leonard Miller '51, of Sunny Isles Beach, Florida, February 21, 2014.
Peter M. Duffy G'52, of Sonoma, California, January 12, 2014.
Kenneth Curtis Eno '52, of Fairfield, Connecticut, March 3, 2014.
Sanford J. Epstein '52, of Cedar Park, Texas, January 26, 2014.
Robert Joseph Pasciullo '52, of Saratoga Springs, New York, February 4, 2014.
Michael Sofokles '52, of Poughkeepsie, New York, February 11, 2014.
James Norman Healy '53, of Osteen, Florida, March 3, 2014.
John Emerson Taylor '53, of Springfield, Vermont, February 6, 2014.
Donald H. Forst '54, of Livingston, New York, December 28, 2013.
Warren W. Leigh '54, of Bloomingdale, New York, March 2, 2014.
Ruth Sugarman Propp '54, of Stamford, Connecticut, January 16, 2014.
Kenneth A. Vanderbilt '55, of Staten Island, New York, January 21, 2014.
Jean Fowler Wolfe '55, of Lexington, Virginia, January 1, 2014.
Emery P. Booska '56, of Milton, New Hampshire, January 12, 2014.
Maria Tracy Lambert '56, of Stowe, Vermont, February 16, 2014.
Leonard Roth '56, of Victor, New York, March 18, 2014.
Evelyn Stillwell Weblor '56, of Montpelier, Vermont, January 4, 2014.
Thomas G. Howrigan '58, MD'61, of Fairfield, Vermont, December 29, 2013.
Roger S. Colton MD'58, of St. Paul, Minnesota, January 2, 2014.
Neal Dodge '58, of Gulf Breeze, Florida, December 28, 2013.
Thomas G. Howrigan '58, MD'61, of Fairfield, Vermont, December 29, 2013.
Judith Watson Keene '58, of Coventry, England, February 8, 2014.
Bert R. King '58, of Port Charlotte, Florida, January 17, 2014.
David F. MacKenzie '58, of Chelmsford, Massachusetts, December 9, 2013.
Jane Patterson Weaver '58, of Toms River, New Jersey, January 3, 2014.

Judith Baker Bigelow '59, G'87, of Essex Junction, Vermont, December 16, 2013.
Marcia Beals Brown '59, of Lenox, Massachusetts, January 3, 2014.
William Ramsay Marsland '59, of Morgantown, West Virginia, December 8, 2013.
Murray K. Rosenthal MD'59, of West Peabody, Massachusetts, December 31, 2013.
Francis E. Willette '59, of Burlington, Vermont, February 5, 2014.
John Bowns Fenni, MD'60, of Fort Myers, Florida, February 18, 2014.
Jane Burke Forste '60, of Arnold, Maryland, January 28, 2014.
Barbara Evans Little '60, of Williston, Vermont, February 13, 2014.
Jean E. Parks G'61, of Waterford, Connecticut, December 9, 2013.
Coral Gillespie Webber '63, of Dunstable, Massachusetts, December 22, 2013.
Carolyn Ellis Keith '64, of New London, New Hampshire, March 18, 2014.
Fred R. Tripp '65, of Barrington, Rhode Island, January 15, 2014.
Lloyd J. Hier '67, of South Burlington, Vermont, February 9, 2014.
John H. Mead G'67, of Monroe, New Hampshire, February 8, 2014.
A. R. Armstrong '68, of Essex Junction, Vermont, January 23, 2014.
James A. Frizzell MD'68, of Sanibel, Florida, December 15, 2013.
Robert Edward Martin '69, of Wasilla, Alaska, January 4, 2014.
Frank Arthur Blazich '71, G'73, of Raleigh, North Carolina, December 16, 2013.
Donald R. Brozyna '71, of Atlanta, Georgia, January 17, 2014.
Kathleen Keenan Collins '71, G'94, of Rutland, Vermont, January 9, 2014.
Dennis B. Reed '71, of Augusta, Maine, February 25, 2014.
Sharon Mary Corey '73, of Bristol, Vermont, January 15, 2014.

Linda Ann Kittell '74, of Troy, Idaho, January 29, 2014.
Robert Loren Marvin G'74, of Atkinson, New Hampshire, December 23, 2013.
Joan Frankenburg Baynham '77, of Shelburne, Vermont, January 28, 2014.
James Johnson Taft '77, of Essex Junction, Vermont, January 10, 2014.
Mary Isabelle Hood G'78, of Milo, Maine, January 27, 2014.
Christiana Jane Raether G'79, of Providence, Rhode Island, February 15, 2014.
Julie L. Carpenter-Grunvald '81, of Williston, Vermont, January 18, 2014.
Jeffrey Alan Lind '81, of New Providence, New Jersey, January 23, 2014.
Belur V. Keshavan G'82, of Centerville, Virginia, December 16, 2013.
Kent D. Vandenberg G'84, of New Hope, Pennsylvania, February 22, 2014.
Robert Eugene Caiola G'85, of Washington, D.C., January 21, 2014.
Matthew John Cullen '87, of Fort Lee, New Jersey, January 17, 2014.
Thomas Scott Glosick '87, of Southampton, Massachusetts, February 1, 2014.
Sirkka Raasoch G'99, of Cotuit, Massachusetts, December 15, 2013.
Lisa Jane Zdziarski G'03, of Burlington, Vermont, December 16, 2013.
Michael Jared Burnham '04, of Somerville, Massachusetts, February 15, 2014.
Birdie MacLennan G'05, of Winoooski, Vermont, March 10, 2014.
Aaron Dylan Powers G'06, of South Burlington, Vermont, March 20, 2014.
Drina Vurbic G'10, of Euclid, Ohio, January 10, 2014.
Stephen Andrew Ham-Ellis '11, of Essex, Vermont, December 27, 2013.

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Hockey Rink Ice to be Recycled into Frozen Treats

On April 1, 2014, UVM Communications ran this article on the university's homepage and aggressively promoted it via social media. Thousands read, liked, commented, shared, or re-tweeted the piece, which earned UVM a spot on another "Best of" list: The Guardian's "April Fools' Day Jokes 2014—The Best on the Web."

by Thomas Weaver

For years, alumni and locals have pined for the days when UVM Ice Cream was made on campus and served at the now defunct Dairy Bar. With plans in the works to create an innovative new food product at the university, fans of frozen treats will once again have a way to indulge their sweet tooth while showing their Catamount pride.

Catamount Ice, a frozen dessert that developers liken to Hawaiian shaved ice or the ever-popular Sno Cone, will be made with repurposed ice shavings "harvested" by the Gutterson rink Zamboni machines. The product will initially be sold exclusively at UVM athletic events beginning fall 2014. But Christopher McCabe, assistant vice president for marketing and business development, says he sees strong potential to grow the market beyond the university.

Like many forward-thinking ideas at UVM—from university-wide recycling to banning the sale of bottled water on campus—students have initiated this change. The spark for Catamount Ice came from senior Connor Daley, president of the Student Government Association (SGA). Daley was walking into the Gucciardi Fitness Center one day when his gaze fell on the familiar pile of frozen Zamboni shavings dumped outside of the ice rink.

"I thought, 'What a waste,'" Daley recalls. "Just melting away in the sun and, quite likely, contributing to over-burdened stormwater runoff systems." When the UVM senior passed the Hawaiian shaved ice cart on Church Street later that same day, the proverbial light bulb switched on. He shared the idea with fellow SGA members, who encouraged him to take it forward.

Though initially skeptical, UVM administrators soon embraced the concept as a way to introduce a promising new revenue stream, lessen the university's ecological footprint, and promote Catamount pride. When university food scientists



suggested helping to fight the state's invasive species by incorporating some of these plants, animals, and insects into the product flavoring, the idea truly caught fire.

"Of course we'll have old standards like raspberry and grape, and it wouldn't be Vermont if we didn't offer maple," says Provost David Rosowsky. "But we're also intrigued by what we can do with something like a Purple Loosestrife or Wild Chervil Catamount Ice. Who's to say there's not an essence of flavor in the sea lamprey that wouldn't make for an interesting new taste sensation?"

From a sports-marketing perspective, McCabe draws a comparison to the "game-worn" jerseys that have proven to be a popular item in online auctions. "Our fans love the fact that they know Chris McCarthy or Amanda Pelkey was out there on the ice playing hard and sweating in that actual jersey. That's value-added, plain and simple," McCabe says. "Similarly, when you dig into a Catamount Ice, you'll be part of the action. Sweat, blood, tears—our players leave it all on the ice and now fans can more fully experience that."

As the university makes preparations to drop the puck on Catamount Ice during next fall's home athletic events, everyone from the Zamboni drivers to the university president is enthused. "I applaud the bold thinking that hatched this idea and the hard work of many that will see it through to next fall's product launch," says UVM President Tom Sullivan. "What's more, I would like to wish the entire university family a happy April Fools Day."

Get next year's April Fools' story—uh, not that we're saying there will necessarily be one—on the day itself, rather than three months later. Follow UVM on Twitter (UVMVermont), Facebook (University of Vermont), and Instagram (University of Vermont).

IAN THOMAS JANSEN-LONNQUIST



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