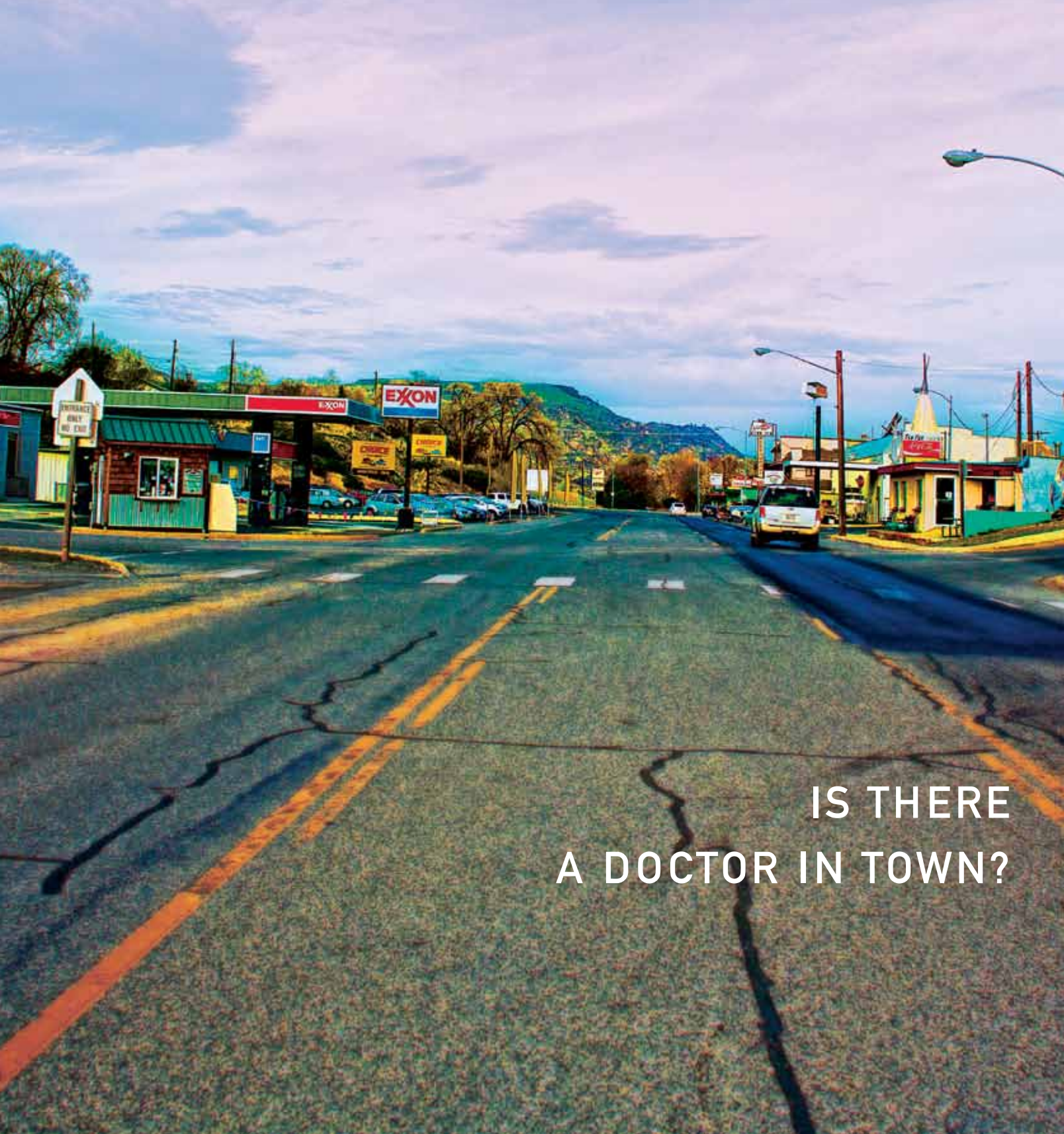


COLUMNS

THE UNIVERSITY OF WASHINGTON ALUMNI MAGAZINE JUNE 14



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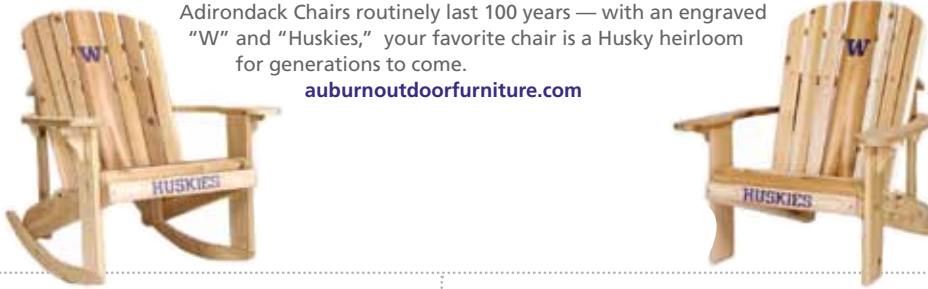
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fanatics.com



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amazon.com



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amazon.com

REAL DAWGS WEAR PURPLE

www.huskylogos.com



Commencing

by Jon Marmor

I ADMIT IT: I AM NOT THE FIRST ONE TO ADOPT NEW THINGS.

I told a friend that CDs were just another fad, so he should hold onto his LPs. I still shoot pictures on film. I do not have a smartphone. And only last week did I learn what a hashtag was. (Don't ask me to explain it to you; I forgot.) ¶ But that doesn't mean I am not impressed by innovation. I am. While I may not be the first to switch over to the new way of doing things, I'm always in awe of people who can envision newer, snazzier, faster, cheaper ways of making life better. I remember a taco shop in my home town.

It went belly up, then became a sandwich shop, a teriyaki joint, a Middle Eastern restaurant, a Thai place, a pizza-by-the-slice stand, a Chinese takeout joint, a burger stand, a tofu vegetarian shop, a soul food joint. I don't know what it is now. Despite the dizzying turnover, I always regarded that place with admiration. Why? Someone always came along believing they had what it took to make the place a success—whether it was a new coat of paint, trying to hawk the sandwiches grandma used to make, or having the staff don wild uniforms. ¶ You have to be bold to be an innovator. You have to have confidence. You have to take a chance. And who better to face that head-on than the thousands of students who will be marching into Husky Stadium on June 14 for Commencement. They will venture into the world armed with a world-class education, a nurturing, entrepreneurial

spirit that has mushroomed in this wet corner of the country, and the steadfast support of parents, families, friends, faculty and staff who nudged, cajoled and embraced them to the finish line. ¶ Innovation is what a university like the UW is all about. From inventions that simplify our lives to new ways of thinking about age-old issues, the UW incubates the spirit of looking forward and taking chances that could lead to the cure for cancer or the end of those annoying traffic jams. We come away from our time here ready for the challenge. ¶ P.S. I can't lie. The food at that joint/shop/stand was never very good. But I will be the first in line when it opens in its newest reincarnation.



ANIL KAPAH

The Editor

ONLINE FINDS

Go to: UWalum.com/columns

Skookum Summer

Read an excerpt of alum Jack Hart's murder mystery

A Devastating State

A grad student's report following Typhoon Yolanda

Costume Drama

Sarah Nash Gates reflects on a life of drama

IS THERE A DOCTOR IN TOWN?

Grand Coulee (on the cover) is one town where UW medical students do clinical rotations as part of an initiative to ensure that rural towns have doctors available to them.

Photo by Anil Kapahi

Sew Talented

For 38 years, she made magic in Hutchinson Hall as a costume designer and seamstress for the School of Drama. Meri Wada learned her dazzling dressmaking skills at Edison Technical School in Seattle before joining the UW in 1959. For nearly four decades, she created works such as this dress (right) for the 1991 opera *The Abduction from the Seraglio*. When she retired in 1997, the School of Drama honored her by establishing the Meri Wada Award for Costuming, given every year to an undergraduate or graduate costuming student. Meri died Feb. 20 at the age of 82.

THE
UNIVERSITY OF
WASHINGTON
ALUMNI
MAGAZINE

June 2014

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Rural areas are desperate for more doctors.
A new medical school could solve the shortage

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Now he's taking aim on aging

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Meet the 2014 teaching award winners

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New Football Coach Chris Petersen is itching
to take the Huskies back to the Roses

Justice For All

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Photo By Karen Orders



“The war was a time of national emergency when our government did things that we, with the benefit of hindsight, wish they had not done. Perhaps it could have been handled differently. It wasn’t. Get over it.”

A Matter of Conscience

✉ Rich Kirchner (*We Will Come Back For You, March*) is a high school classmate, a fraternity brother and close friend to this day. He made a photo book of his journey and shared his story with my wife Gayle and me. The book and your wonderful article not only show his artistic talent but his ability to tell a compelling story. One can see in the article what a great person of character Rich is. He and I received about the same welcome home from Vietnam as the two people he was looking for. Glad things are different today.

BERT HOLETON
VIA COLUMNS ONLINE

Jack’s Generosity

✉ In 1948, Jack MacDonald (*Of Generous Spirit, March*) lived just a couple doors down from our home in Edmonds. Every morning, he would walk past our house to catch the bus to his work at the Veterans Administration in Seattle and back in the evening after work. Fifteen years later, in 1963, I was commuting to Seattle to my work with Reynolds Metals. I passed Jack on his way to the bus stop one morning and asked if he would like a ride. I drove a 1960 Volkswagen, and space was at a minimum. When Jack joined the car pool, I now had four people; a lawyer, a jeweler, a marine insurance broker and an aluminum salesman. Jack’s tenure with the V.A., I believe, was

prompted by his family’s sacrifice and a determination that veterans would always have legal representation available to them. Jack never spoke of it, but his mother confided in me that Jack and his brother were in the army in the Philippines when the Japanese forced the surrender and the Bataan Death March began. Jack and his brother were both in that march, though his brother did not survive. When Jack returned home, he weighed 90 pounds. Jack MacDonald was a modest, kind and caring man whose generosity to the University of Washington deserved more attention and therefore I share this with you.

RONALD D. WAILES JR., ’56
CLE ELUM

Extreme Measures

✉ There were numerous inaccurate assertions made about America’s World War II internment of Japanese-Americans (*Silence is a Coping Mechanism, March*), so I offer some information from *Victory at Sea* by James F. Dunnigan and Albert A. Nofi (1995, Quill). In February of 1942, the west coast of the United States was declared by presidential order an exclusion zone. This applied only to the west coast states due to the then-prevalent fear of an imminent Japanese invasion of the U.S. Rather than to try to separate loyal from disloyal Japanese-Americans, all persons of Japanese ancestry were removed from the exclu-

sion zone. By taking the questionable expedient of removing all Japanese-Americans from the west coast, loyal and disloyal, the government was not simply being racist. What caused the panic that led to the Japanese-American roundup was Japan’s status as the dominant naval power in the Pacific. In the Philippines, many resident Japanese collaborated with the invading Japanese army. This incident, as well as the military emergency (Japanese submarines were surfacing to shell the California, Oregon and Vancouver Island coastlines) caused the government to take extreme measures. Over the years, a popular myth has developed in which an entirely innocent Japanese-American population was tossed into “concentration camps in a fit of racist paranoia.” The truth is a bit more complex. The war was a time of national emergency when our government did things that we, with the benefit of 20-20 hindsight from 70 years distance, wish they had not done. Perhaps it could have been handled differently. It wasn’t. Get over it.

JAMES W. MASSICK, ’54
ISSAQUAH

The Frith Element

✉ To the list of UW grads and staff who have distinguished themselves as mountaineers (*To Climb, March*), I would add Frith Maier, ’87, ’98. Some of her adventures defy belief—a largely unsupported crossing of the Wakhan Corridor in northeastern Afghanistan, starting



A Gift to Humanity

“She is the Chief of the millennium.”
“You inspire me every day.”
“You are a great achiever.”
“You’re truly a blessing.”
“You are God’s gift to humanity.”

Just a sample of the outpouring we received from readers after our March issue highlighted Kennie Amaefule, a whirling dervish of love and life saving through medical mercy missions to Africa.



COLUMNS

[FOUNDED IN 1908]

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WRITE US!

Send your letter to columns@uw.edu or comment online at UWalum.com/columns. Letters may be edited for length or clarity.

NEW ADDRESS?

Write us at *Columns* magazine, Box 359508, Seattle, WA 98195-9508. Or email us at updates@uw.edu

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in Pakistan and ending up (being arrested) in Tajikistan. Maier's pioneering *Trekking in Russia and Central Asia: A Traveler's Guide* (The Mountaineers, 1994) became the bible for adventure travel in the USSR, where she also summited many peaks. She organized a climbing exchange between the Mountaineers and the Soviet Alpine Federation and developed REI's adventure travel program. After tracing the route followed in the 19th century through mountains of the Caucasus by George Kennan (credited as the founder of Russian studies in the U.S.), Maier edited his diaries for her M.A. thesis, which then was published by UW Press. She has gone on to other challenges as co-founder and CEO of a successful software company. When time permits, she still climbs demanding technical routes.

DANIEL C. WAUGH
PROFESSOR EMERITUS OF HISTORY
VIA COLUMNS ONLINE

UW vs. TB

☒ Glad to read new information about the tuberculosis bacteria being discovered at UW (*Ten From the Labs*, June 2013). This disease still kills more than a million people every year and is easily spread by airborne bacteria. With our small world, thanks to air travel, even the most drug-resistant forms of this disease can come to our shores at any time. Therefore, it is smart to treat this disease globally. Kudos once again to UW research for doing their part.

WILLIE DICKERSON, '73, '94
SNOHOMISH

Jewish Lineage

☒ My Sephardic history (*The Lost Branch, March*) is easily traced to Rhodes, but from where in Spain did my ancestors come? And before then, where? I have just finished the superb book *Maimonides* by Joel L. Kraemer. Moses Ben Maimon is perhaps the most famous of all Sephardic Jews and one of the most famous Jews in the world. Sephardic Jewry was alive and well many centuries before the 15th and I am most intrigued by its early origins.

PHILLIP MENASHE, '76, '80
VIA COLUMNS ONLINE

☒ Check out Yasmin Levy (yasminlevy.net), a great singer who includes Ladino influences in her songs. Her father was a well-known musicologist in Israel and a Ladino scholar. The website includes her albums and background information such as newspaper articles, etc.

TOM HAYES
VIA COLUMNS ONLINE

☒ I have forwarded this story to a listserv I managed, which is devoted to the topic of language policy, i.e., decisions about language that

are made by states, countries, cities, religious groups, labor unions—you name it. I'm glad I could share this with my list, which has more than 400 members at <http://ccat.sas.upenn.edu/clpp>

HAROLD SCHIFFMAN
VIA COLUMNS ONLINE

☒ I admire Devin's dedication and monumental work. Personally, I have mixed feelings and still have not resolved my internal conflicts. On one hand, it is good that the memory of my forefathers and their achievements be remembered and honored. On the other hand, I cannot forget that Judeo-Spanish and Yiddish are only bastardized versions of the languages of those who persecuted us. Part of me says, "I want to have nothing to do with them," and another part tells me how childish my attitude is (I am past 86) and that a language exists regardless of who spoke it and where and when it was spoken. But this is my problem. Kudos to my distant cousin, Professor Naar.

RAY NAAR
VIA COLUMNS ONLINE

Suicide and Shame

☒ I was both incredibly touched and deeply disturbed after reading this article (*Hope After Heartache, March*). It alarms me to read that many mental health professionals do not know how to counsel suicidal patients. That Jennifer Stuber has been able to channel her grief and sadness over losing her husband to create an organization that is working to make sure that people get the suicide prevention help that they need is nothing short of amazing. Jennifer Stuber is one of my newfound heroes.

PEG CHENG
VIA COLUMNS ONLINE

☒ I understand the stigma of mental illness. While I have no personal experience with suicide, my mother had a very serious mental illness and I can relate to the shame that is involved. Thank you for taking a stand for change in the system for those who suffer with a mental illness. I would be happy to help in some way. I have a strong belief in what you are doing.

LINDA
VIA COLUMNS ONLINE

Centenarian Says

☒ I am not a UWAA member, but I greatly appreciate the issues of *Columns*, which have been sent to me for many, many years. Even at 100 years of age (as of August last year), I still see a familiar name or face now and then. My wife and I are living in an assisted-living facility.

RAYMOND G. HULL, '38
KENMORE

An undergraduate experience for the greater good

WHEN ARTHUR D. LEVINSON, '72, WAS STUDYING genetics and molecular biology at the University of Washington, contributing to research as an undergraduate was almost unheard of. In the early 1970s, undergraduates learned in labs and classrooms, but certainly did not peer into the microscope to report the differences between normal and cancerous cells in pursuit of research. But Art was a true trailblazer, even as a visionary 20-something. And his remarkable undergraduate research experience at the UW led him to develop some of the biggest cancer-fighting drugs of our time as a world-class scientist and CEO and chairman of biotech giant Genentech.

To recognize his contributions to science and humanity, we're honoring Art with the 2014 Alumnus Summa Laude Dignatus award, the highest honor the University and the University of Washington Alumni

Association can bestow upon an alumnus. I believe it's equally important to recognize Art's curiosity and indomitable spirit as a young researcher—and the generations of undergraduates who have followed in his footsteps.

Every year, more than 7,000 undergraduates have the same research opportunities that Art helped pioneer. They learn how to solve real-world problems, complementing their coursework by connecting tangible dots, all under the steady mentorship of faculty and graduate students. The UW's unique focus on undergraduate research allows our young Huskies an unprecedented opportunity to work in tandem with some of the top minds in their fields. It's an integrated way of learning that teaches students how to unravel a tangled knot—with a practical, innovative and creative approach.

Last month, our undergraduates presented their work at the 17th Annual Undergraduate Research Symposium, the largest of its kind in the

country. The students displayed posters and gave oral presentations on everything from microbiology to modern dance. Many students focused their research in STEM (science, technology, engineering and math), but visual design, performance arts, social sciences and humanities were represented, too. Over the course of 17 years, the symposium has grown from 70 students to more than 1,000, flooding Mary Gates Hall with brilliantly developed ideas and enthusiasm.

Their participation is an indicator of the intellectual horsepower of the University, as well as our ambition and passion to make the world a better place. Husky undergraduates contribute to the body of work that helps our faculty become National Academy of Sciences members, Nobel Prize winners and MacArthur Fellows. Their efforts reinforce our reputation as a fully integrated research powerhouse in the Pacific Northwest, with everyone from freshmen to professors emeriti making contributions. And along the way, our undergraduates have learned not only an enormous amount about their discipline and how to hone their conceptual capacity and problem-solving skills, but also about the persistence it takes to tackle tough problems. They have built confidence in their own abilities. And they have gotten a taste of what life might hold after graduation—and how they may make their unique mark on the world.

Across our three campuses, 9,800 UW undergraduates will earn their diplomas this month and enter the workforce one step ahead of their peers thanks to the passion, creativity and enterprising spirit we've instilled in the student experience at the UW. I'm optimistic about the future of our region and our world because of the characteristics and drive I see in these students and their early achievements. Art Levinson's Husky experience exemplifies how transformative learning environments can inspire an exceptional life. His story emboldens my own hope for all Huskies—to graduate as leaders, innovators and change-makers for the greater good.



SCOTT EKLUND

MICHAEL K. YOUNG, PRESIDENT

PRESIDENT YOUNG IS ONLINE
uw.edu/president/blog
facebook.com/President.Michael.K.Young



~ UWAA | 125 YEARS AND COUNTING ~

Visionary leadership throughout the 1960s inspired the UW Alumni Association to create the Washington Alumni Fund, a joint effort by the UW and UWAA that began the modern era of private support for the University of Washington.

The Alumni Fund took a grassroots approach to fundraising, based in part on the UWAA's "crew drives" that began in the 1920s to raise money for the rowing team's travel expenses and equipment. This legacy of volunteers working personally with alumni continues today. The Behnke family played a monumental role in the alumni association's efforts to raise money for the University.

John F. Behnke, '50, was the first chair of the volunteer Alumni Fund Board in 1966. In addition to John, who served as UWAA president from 1970-71, his brother Robert Behnke, '43, was UWAA president from 1962-64. Bob's wife, Sally, '44, was a stalwart in supporting the UW and UWAA, too. With Sally's death this past December, we say goodbye to a family that set the standard for steadfast, heartfelt support for the UW.

The Behnkes' work helped establish the UW Foundation, which supports student scholarships and other critical efforts at the UW, and ranks as one of the most successful university fundraising organizations in the nation.

That kind of dedication remains as strong as ever today, with UWAA President Mike Egan, '90, who also serves as a director of the UW Foundation, leading the alumni association into its 125th year. "We are grateful for what the University has done for us and our community," Egan says. "We are always going to support the UW so others can benefit for centuries to come."

Read more about how the UWAA and many outstanding alumni helped lay the groundwork for private giving to the UW on the UWAA homepage at UWalum.com/columns.



“It’s time to flex our muscle”

BY KELLY HUFFMAN

CRISTÓBAL J. ALEX is out to change the political landscape of the United States as the head of the Latino Victory Project.



Although a record 11.2 million Latino voters turned out for the 2012 presidential election—a historic number and a driving force behind President Obama’s re-election—some 12.1 million more stayed home.

“We [Latinos] stay away from elections because we don’t see folks that look like us, sound like us, or reflect our community.”

Out of 435 seats in the House of Representatives, currently only 33 are filled by Latinos. Congress would need at least 56 Latino Representatives to accurately reflect the changing population in the U.S.

Alex recently moved from New York to Washington, D.C., to lead the newly formed Latino Victory Project. The group has set its sights high: “We want to reflect Latino voices and faces at every level of government.”

Actress Eva Longoria and entrepreneur Henry Muñoz are the visionaries behind the project. They’ve modeled this new effort on other political game-changers such as Emily’s List and the Gay & Lesbian Victory Project. “Eva is one of the smartest people. If she wasn’t making movies, she’d be leading discussions in the White House and Congress.”

Raised by a mom who illegally crossed into the U.S. from Mexico, and growing up with an autistic brother, Alex saw firsthand the effects of discrimination.

“It really made clear to me the need for strong social projects, for movement-building and civil rights.” As a kid, he dreamed of becoming a civil rights lawyer.

He had never been to Seattle before attending the UW. “I took a real risk moving as far away as I could get from El Paso. Literally almost from day one [at the School of Law], I had the opportunity to get involved in social change

work... I really had the chance to cut my teeth in a way I wouldn’t have at any other place.”

He developed the Pathways to Law mentoring program that pairs community college students of color with attorneys of color, a program that was the first of its kind in the nation.

While a UW law student, he founded the Farm Worker Justice Project, advocating for Washington’s most vulnerable workers. Before graduating in 2001, he also organized a successful legislative campaign to give undocumented students access to higher education.

Within 10 years of graduating, he was spearheading a \$60 million voter participation initiative for the Ford Foundation. “It was one of the most rewarding experiences I could have ever dreamed of, working on voting rights in a time in which they’re under attack in a way they haven’t been since Jim Crow.”

To convince his wife to move to D.C. from New York, Alex agreed to add a new family member: a cat they call Valiente (Spanish for ‘brave’). “We named him that because this eight-pound cat was chasing our 67-pound pit bull from day one. He runs the show.”

By 2020, the two largest states in the U.S.— Texas and California—will be home to Latino majorities. That same year, the country will see a presidential election, a census and the subsequent re-drawing of legislative districts. The Latino Victory Project is gearing up for a big year: “We want to influence policy for the rest of the century.”

“Politicians and pundits have long recognized the political currency Latinos bring to the table but now it’s time to flex our financial muscle and support candidates and causes that champion our American values.”

PHOTO BY DAYNA SMITH



A DOCTOR. A PROMISE. AN IRON HEART.

WHAT YOU SEE here is the result of not giving up — and I don't mean by me. I'm alive today because my UW Medicine physician didn't give up on me.

Even after a complex, 15-hour surgery, he was still by my side in the ICU. So he was there when I flatlined as my panicked wife pleaded with me to stay strong, and he, straddling me, reached into my chest and pumped my heart with his hand.

He was only a phone call away weeks later when I had a near-fatal allergic reaction, and again for my subsequent stroke. And he found me the support I needed when I told him I was signing up for the Ironman.

So how could I give up when, in my first race, my pedal broke with 30 miles left to ride? Or when I was past the cutoff time, and my body was past its limit? The short answer is I couldn't.

READ DAVID'S ENTIRE STORY AT
uwmedicine.org/stories

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COVER STORY BY JULIE GARNER | PHOTOGRAPHS BY ANIL KAPAH

THE SPOKANE SOLUTION

Expanding medical education in Eastern Washington's largest city will address a key problem: increasing the number of primary care physicians in rural and underserved areas

It is 4 o'clock in the morning when Tom and Allison Gray's three-year-old spikes a fever that climbs to 105 degrees. The Grays live in Metaline Falls, a community of 238 residents tucked in Washington's upper northeast corner near the Idaho border, miles from their primary-care physician. They race to the clinic only to discover that the doctor, who regularly works 80 hours a week because she's the only doctor for miles, has taken her first vacation in nearly three years.

There simply aren't enough doctors in rural and underserved areas like Metaline Falls. That is why the University of Washington has been working with the Spokane community to establish all four years of medical school in Spokane. The idea is to encourage more students to attend medical school and residency programs near the Eastern Washington communities they grew up in and love, with the goal that they will return to those communities to practice.

The University of Washington serves as the medical school for a five-state region through an innovative medical education program that began 42 years ago called WWAMI (Washington, Wyoming, Alaska, Montana and Idaho). The program's strengths are in its partnerships. (In its current format, medical students from these states and rural Washington take one year of classroom training at a partner university—in Washington, that partner is Washington State University—and the second year at the UW School of Medicine's Seattle campus. After that, students begin their clinical rotations in rural areas in their home states and across the WWAMI region). By partnering with local state institutions to offer medical education, the UW is able to provide students with the highest quality medical education in the nation—at lower cost than “stand-alone” medical education programs. The education offered is the best around—the UW School of Medicine has been ranked by *U.S. News & World Report* as the No. 1 program nationally in primary care for 19 of

**BIG CITY
BIG PROMISE**

By expanding its No. 1-ranked primary care program in Spokane (above), the UW will bring research infrastructure and clinical opportunities to the community.



FAR AND WIDE

UW medical students take their clinical rotations all over the state of Washington. Among the cities they work in are the following:

Auburn
Bellevue/Kirkland
Bellingham
Bremerton
Brewster
Buckley
Centralia
Chehalis
Chelan
Chewelah
Cle Elum
Colfax
Colville
Darrington
Davenport
Des Moines
Ellensburg
Everett
Ferndale
Forks
Goldendale
Grand Coulee
Kent
Kettle Falls
Leavenworth
Lynden/Birch Bay
Marysville
Monroe
Montesano
Moses Lake
Mossyrock
Newport
Nine Mile Falls
Odessa
Okanogan
Olympia
Omak
Othello
Pomeroy
Port Angeles
Port Townsend
Pullman
Redmond
Renton
Seattle
Shelton
South Bend
Spokane
Stevenson
Tonasket
Toppenish
Tri-Cities
Tulalip
Westport
Vancouver
Wenatchee
White Salmon
Yakima

GRAND EXPERIENCE

By placing medical students like Tara Olson in small, rural towns like Grand Coulee (pop. 1,041) as part of the Targeted Rural Underserved Track, the UW's WWAMI program is developing physicians to serve areas throughout Washington state.

Right out of the gate, I was asked if I wanted to scrub in for a hysterectomy. How cool is that?

the past 20 years and No. 1 in family medicine and rural health for 23 consecutive years. Since its inception, WWAMI has educated and placed numerous doctors in Eastern Washington.

Despite WWAMI's past success, important challenges remain. The health-care landscape is changing rapidly, and federal health-care reform means more patients need access to primary care.

"At the University of Washington, we asked ourselves, 'How are we going to produce the next generation of health-care leaders and providers without adding new and unnecessary costs to our health-care system?'" says Dr. Paul Ramsey, CEO of UW Medicine and dean of the UW School of Medicine. "That's where the idea of Next Generation WWAMI began."

WWAMI broke the mold of medical education when it was launched in 1971, and Next Generation WWAMI aims to do it again with Spokane as its center.

"People ask me, why Spokane? Why now?" explains UW President Michael K. Young. "It's simple, but profound. First, we are not the University of Seattle. We are the University of Washington. We are here to serve all of Washington state. Second, Spokane is the largest medical hub between Seattle and Minneapolis, and its community is an absolute force to be reckoned with. They not only want to grow the health-care economy in Spokane, but they want to be seen as a national model for health-care innovation. And that is exactly what we support, stimulate and create. It's a perfect partnership."

And it's a partnership that is already gaining momentum. A group of dedicated community members recently raised \$2.2 million in private funds to help fund a pilot program so medical students could choose to spend all four years of medical school in Eastern Washington. It would be the first permanent, four-year medical-education program outside Seattle in the five-state region. Next year, the UW will head to Olympia with an ambitious agenda to quadruple the number of medical students in Spokane classrooms from the current 20 students per class, and rapidly expand new residency opportunities in Eastern Washington and other underserved communities around the state.

Kevin Brown, '04, participated in the WWAMI-Spokane program, and spent his second year of medical school in Spokane. Brown, who has a degree in construction management from the UW, is also participating in a specialized track called TRUST (Targeted Rural Underserved Track) that gives students multiple opportunities to work in a small community under the wing of a physician mentor, an experience that goes beyond learning anatomy in the classroom.

Brown is getting his small-community experience in Grand Coulee (pop. 1,041), which is in the rolling hills of Eastern Washington two hours west of Spokane. "The meat and potatoes . . . is the prolonged exposure to rural medicine," explains Brown, who will spend six weeks in Grand Coulee this summer and another five months there during his third year.



MEDICAL MENTOR

Andrew Castrodale, '89, '94, chief of staff at Coulee Medical Center in Grand Coulee, loves supervising UW medical students. He was named Outstanding Rural Health Practitioner in Washington.

Students like Brown are immersed quickly in the clinical aspect of medicine in these small-town settings, an experience not always available to students enrolled in big-city medical schools.

"Right out of the gate, I was asked if I wanted to scrub in for a hysterectomy," Brown says of his experience after being paired with his mentor, Andrew C. Castrodale, '89, '94. "How cool is that?" Likewise, patients are happy to have medical students attend their clinic appointments because they really want students to come back after medical school to practice.

Another medical student, Sophie Clark, delivered a baby on her first day in Ellensburg. Her mentor physician, Mark Larson, talked her through the procedure in advance and supervised the successful delivery, but the thrill was all Clark's. The product of a small farming community, she knows firsthand the importance of access to quality care.

"Everyone should have access to good health care," she says, "and I hope to be able to contribute to this goal as a doctor."

The Spokane community—which has actually hosted WWAMI clinical rotations for the past four decades—has done more than just provide seed money to expand the program. Three years ago, Spokane resident Mari Clack, '58, a former UW Regent, and her husband, Dave Clack, '57, joined John Coulter, a retired top administrator in UW Medicine's Medical Affairs, and his wife, Ann, in reaching out to WSU and UW alums as well as others in the community to start "Friends of WWAMI Spokane." Informally known as the "364 Club," the group supports medical students, providing scholarships, financial support for stress-management classes and hosting social events that let students know how glad the community is to have them studying in Spokane.

"We call it the 364 Club because we work together 364 days a year but there is one 24-hour period when we may not speak—and that's Apple Cup," Mari says. She takes a personal interest in the medical students, attending the "White Coat Ceremony" when a medical student is given a stethoscope and for the first time puts on the traditional symbol of doc-

toring—the white coat. (This occurs just before medical students begin working with patients.) Before last fall’s ceremony, a young student approached Mari, and admitted, “I don’t know if I can do this. I don’t think I can wear the white coat.” Clack knew exactly what to say.

“I said, ‘When you put your arms in the sleeves and you get the stethoscope, what you are doing is promising to do your very best. And I want to be there to see you put it on,’” recalls Clack.

This kind of community collaboration is what has made the program not only a success but also a model for the rest of the country, according to Ramsey. He points out that expanding the program in Spokane means more than just better access to care—it is about building a strong regional economy and community. The Spokane business community firmly believes that growing the city’s biomedical and health-sciences campus will also generate economic advantages for the region. For instance, Rich Hadley, who recently retired as president and CEO of Greater Spokane Incorporated, says that if the medical school can grow to accommodate 120 students per class per year by 2030, the community will enjoy a \$1.6 billion economic impact—including the creation of more than 9,000 jobs.

John McCarthy, ’90, ’92, a family medicine physician who spent 14 years in the small community of Tonasket (pop. 1,025), is the assistant dean for Eastern and Central Washington. He says the picture has changed radically. “The landscape six years ago,” he says, “was a limited understanding in the community of what medical education was all about.”

Tom Simpson, ’82, who lives in Spokane and serves on the Foster School of Business Advisory Board, says medical education is a key part of the city’s emerging university district. As an angel investor (who provides financial backing for startups or entrepreneurs), he believes having the four-year program will help develop life-sciences research in the community.

As the need for health care increases in Washington, the University of Washington stands ready to meet the next wave of our communities’ needs. “Nobody should have to wake up with a sick child and worry about whether their doctor is on vacation,” Ramsey says. “Next Generation WWAMI was conceived with families like the Grays in mind. With clear vision and strong partnerships with Spokane and the state, the future of WWAMI and its impact on Washington communities is very bright.”

■—Julie Garner is a Columns staff writer.

HOW WWAMI WORKS

YEAR 1

Students complete a curriculum similar to and compatible with that of the UW School of Medicine’s while attending universities in their home states:

University of Washington –Seattle
 Washington State University –Pullman
 Washington State University –Spokane
 University of Wyoming –Laramie
 University of Alaska –Anchorage
 Montana State University –Bozeman
 University of Idaho –Moscow

YEAR 2

Only Spokane offers second-year classes (subject to permanent state funding). All other students attend classes at the UW School of Medicine in Seattle.

YEARS 3 AND 4

Students return to their home states or other sites throughout the WWAMI region for clinical rotations.

HANDS ON

UW medical students practice suturing under the careful eye of their instructors as part of their WWAMI medical education.



PHOTO COURTESY JOHN MCCARTHY

LIFE GUAR

By
Paul
Fontana

THE WORD ‘RESPECTED’ is used so often in describing Art Levinson that it appears to be part of his name. For his efforts in redefining the biotechnology industry, he has earned yet another designation: the 2014 Alumnus Summa Laude Dignatus, the highest award bestowed upon University of Washington graduates. As both scientist and CEO, Levinson, ’72, has been a driving force behind cancer-fighting drugs like Avastin, Tarceva and Herceptin. He established his reputation during a long career at Genentech, which he joined in 1980 as a research scientist. He later served as chief executive officer from 1995 to 2009. While doggedly avoiding the spotlight, he continues to demonstrate his profound leadership as chairman of Genentech, chairman of Apple Inc., and CEO of Calico, a startup that focuses on aging. Levinson grew up in Seattle—fed a steady diet of books by a librarian uncle—and attended Roosevelt High School, but was initially overwhelmed by the UW’s size. “I couldn’t find

or pronounce most of the buildings for the first few weeks,” he notes. The talent and dedication of his professors quickly impressed him, yet he struggled to find his niche. Carl Sagan and I.S. Shklovskii’s *Intelligent Life in the Universe*, which he read before his junior year, proved to be his beacon. Levinson was always interested in astronomy, but the book’s exploration of life at a molecular level inspired him.

Soon, Levinson was working with professors to craft a major based on genetics and molecular biology. He took a genetics course from Professor Leland Hartwell, who would go on to become the president and director of the Fred Hutchinson Cancer Research Center and win a 2001 Nobel Prize. More notably, he began working in a research lab, which at the time was nearly unheard of for an undergraduate. Working with Professor John Keller, Levinson examined the differences between normal and cancerous cells. The vague notions Levinson held about attending medical school had transformed into a concrete desire to be a scientist.

After graduating from UW, Levinson earned a Ph.D. in Biochemical Science at Princeton. He followed that with a postdoctoral post at the University of California, San Francisco, in the lab of Michael Bishop and Harold Varmus, who both would go on to win the Nobel Prize for their oncology research. When former UCSF Professor Herb Boyer recruited him to his startup, Genentech, Levinson thought he would detour for a year or two to learn about recombinant DNA before returning to academia.

The unexpected level of freedom he found in Genentech’s labs, how-



| Alumni Lifetime Achievement Award | ART LEVINSON |

Alumnus Summa Laude Dignatus

2014

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ever, kept him firmly planted. He made his mark early in his career there by carrying out research on genes and proteins that were subsequently determined to be important drivers of human cancer, improving the method of manufacturing biotech drugs. Instead of the standard practice of growing proteins in bacteria cells, Levinson demonstrated the scientific advantages—and, eventually, the economic feasibility—of making them in mammalian cells, namely Chinese hamster ovarian cells. He would continue to establish his bona fides as a scientist; Levinson is author or co-author of more than 80 scientific articles and inventor on 11 U.S. patents.

His next feat was perhaps even more impressive: successfully transitioning from the lab to leadership. Just five years after being coaxed into a role as vice president of research in 1990, Levinson was named CEO of Genentech. His business acumen was remarkable, but it was the culture he created that allowed the company to soar. Scientists were afforded the opportunity to pursue independent research projects and took their cues from their casual and irreverent boss. Not only in the lab are his employees encouraged to challenge assumptions. “If I go more than two weeks without someone telling me that I’m full of it, I start to worry,” he explains. The key to Levinson’s success is simple, according to geneticist David Botstein, who has known him for more than 30 years. “Art is an extremely strong scientist, but he doesn’t feel the need to announce it,” says Botstein. “He really listens, and that is what sets him apart.” Accolades for his leadership have piled up. He was inducted

into the Biotech Hall of Fame in 2003. *Institutional Investor* named him “America’s Best CEO” in biotech four straight years (2004-07) and *Business Week* listed him on its “Best Managers of the Year” in 2004 and 2005. *Barron’s* ranked him as one of “The World’s Most Respected CEOs” in 2006. The American Academy of Arts & Sciences elected him a Fellow in 2008. Leaders in other industries also noticed his prowess. He was tapped by his friend Steve Jobs to join the Apple board in 2000 and served as co-lead director with him from 2005 until Jobs’ death in 2011, at which time Levinson became chairman.

While this would seem like a convenient time for Levinson to focus on his tennis game, he is instead embarking on a grand venture. In late 2013, he was introduced as co-founder and CEO of Calico, a Google affiliate devoted to healthy aging. While the company has been glibly referred to in the media as ‘solving’ or ‘defeating’ death, Levinson is really seeking a better understanding of our biological clock. Though not afraid to aim for a “moonshot” advance, he explains that success for Calico is about managing therapeutics “to not just increase life span, but lengthen it in a healthy state.”

In assembling his team at Calico, Levinson has chosen top scientists, including Botstein, who do not necessarily have a deep background in aging-related medicine. Instead, Levinson has again defied expectations and stuck to a mantra that has benefited him, and countless others: good science yields results. ■—Paul Fontana is Associate Editor of Columns.

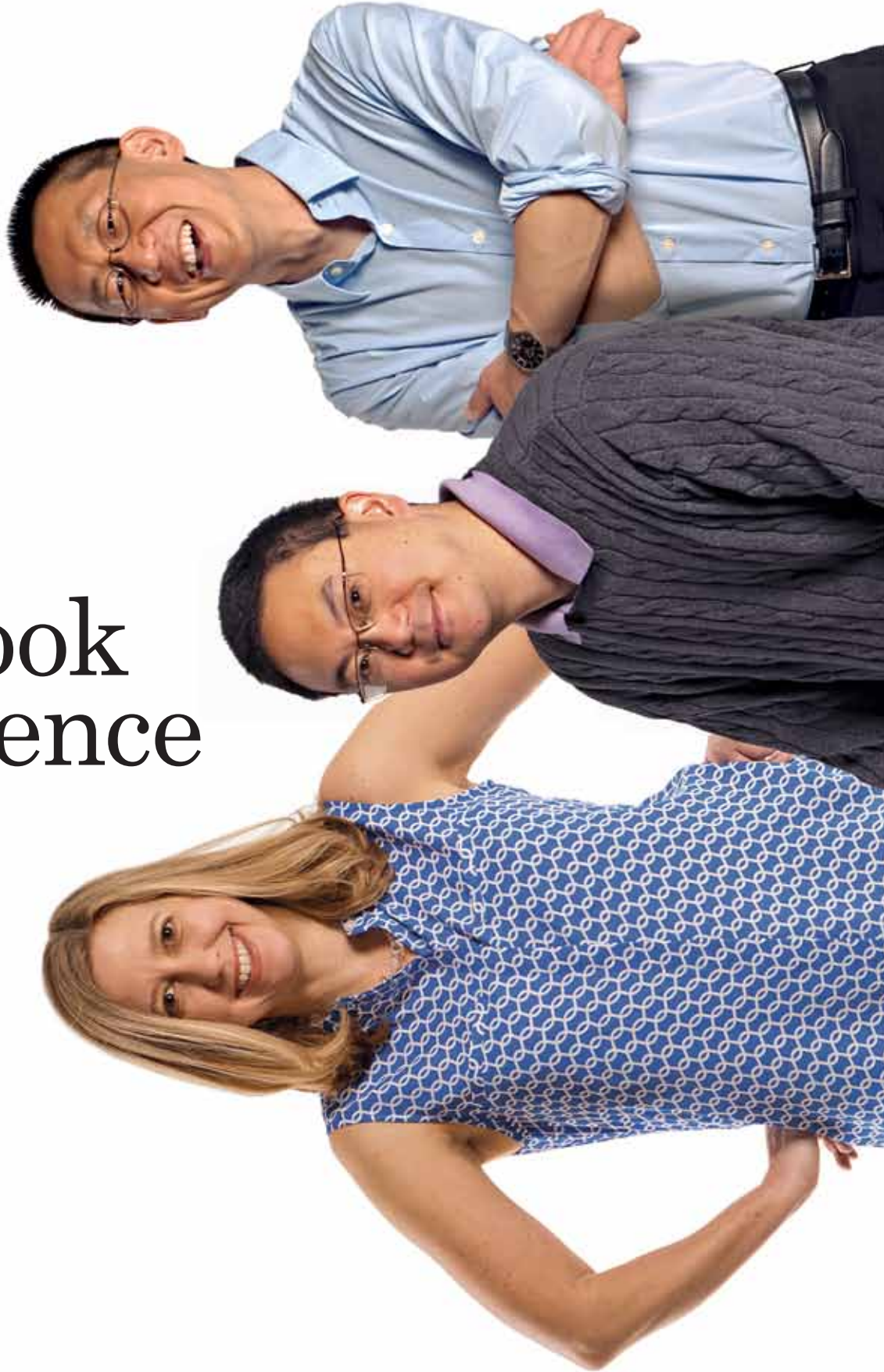
Why do we come to the UW?
To learn. Lucky for us, we had
the chance to meet the excep-
tional teachers honored here.

Textbook Excellence

They didn't just teach us
course material or put us on
the path to a career. They
inspired us. Challenged us.
Pushed us. Opened our minds.
Made us be our best. Today,
we salute these hard-working,
creative souls who give stu-
dents the best education found
anywhere on the planet.

All received the Distinguished
Teaching Award unless other-
wise noted.

Photos by Mary Levin





Elizabeth Porter
Assistant Professor, School of Law

I was a high school teacher before becoming a professor. My first day was terrifying. Twenty years later, my first day as a law professor was also terrifying. I still feel like I'm leaping off of a cliff at the beginning of every course.

Moon-Ho Jung
Associate Professor, History

There are great stakes involved in how we frame and pursue knowledge. More practically, I strive to encourage and enable students to think critically and to write convincingly.

Donald Chinn
Associate Professor, Technology
UW Tacoma

In part, what makes a great teacher is the ability to instill a love for knowledge in general and a respect for the process by which knowledge is created and understood—discussion, debate, argument and critique. I want students to learn how to make knowledge and learning “their own” by developing their own voice.

Margaret O'Mara
Associate Professor, History

After college, I had no choice but to move back in with my parents. Home was Little Rock, the year was 1992, and the governor was running for president. I went down to campaign headquarters to volunteer, and as luck would have it they had a job for me—in the mailroom. I took it, and ultimately ended up working in the White House.





Matt McGarrity
Senior Lecturer, Communication

Coming to UW was the turning point in my life and career. Being a lecturer at a major university has allowed me to position myself as someone who teaches classes on campus, but also serves as a public resource to the citizens of Washington.

Tom Halverson
S. Sterling Munro Public Service Teaching Award
Professor, College of Education

I think the field may have chosen me! Both my parents were teachers, and my sister became a teacher as well, and while I fought it for a few years following an undergraduate degree in psychology, I succumbed to its pull when I went back to get an MEd at WWU—and have been exceptionally happy ever since!



Gaetano Borriello
Marsha L. Landolt Distinguished Graduate Mentor Award
Professor, Computer Science & Engineering

"Gaetano once told me that he treats every student as a peer. He sees graduate students as our future colleagues, and therefore he treats them with the respect and collegiality that a colleague would deserve. This is true at every level—graduate student, undergraduate, or high-school student – all are potential future colleagues and deserve the same respect"—Prof. Henry M. Levy





Lance Forshay
Senior Lecturer, Linguistics

When I was in 2nd grade, I helped a classmate who was struggling with his math class work. He understood after my explanations and the teacher was impressed. She said, "maybe you will become a teacher one day."

Benjamin Gardner
Assistant Professor,
Arts & Sciences, UW Bothell

I want students to question the common sense framing of issues and be able to critically evaluate and analyze everything they encounter. I hope my students use their knowledge to actively shape their lives and the lives of others.

Karen Fredriksen-Goldsen
Professor, School of Social Work

Teaching is my passion. I ensure that the classroom is both challenging and inviting so that students feel safe to question their own assumptions.

PHOTO BY RON WURZER



THE COACH PETE ERA BEGINS

OUR KIND OF GUY

M

any of us remember Chris Petersen wildly pumping his fists on the Boise State sideline after calling a “Statue of Liberty” play in overtime to beat powerhouse Oklahoma 43-42 in the 2007 Fiesta Bowl. It was one of college football’s ultimate David vs. Goliath moments.

Since then, Petersen’s name has been linked to every major coaching vacancy in the country. Yet every time his name would surface, he gracefully rebuffed the suitors. This past winter, after eight remarkable seasons with the Broncos, Petersen was finally ready for the next challenge and agreed to become the head coach at the University of Washington.

Petersen guided the Broncos to 10 or more wins seven times. He posted two undefeated seasons and is the only two-time winner of the Paul “Bear” Bryant Award, given annually to the county’s top college football coach.

And he did it while recruiting athletes who were passed over by many of the nation’s elite programs. Known as an offensive innovator, Petersen is one of the game’s best when it comes to developing talent. He looks for what he calls “our kind of guys” and is unwavering in his commitment to this ideal, which he brings to a UW squad coming off its first nine-win season since 2000.

At Washington, Petersen and his staff spent the spring installing a new system and culture. He is tough but fair, strong but supportive, and is the rare kind of coach who tells it like it is. Asked if he was pleased with the Huskies’ progress after spring ball, he told reporters, “No, absolutely not.”

High standards on the field are the norm for a Petersen team, but he holds players to even higher standards off the field. In 2012, Petersen was recognized by the NCAA for having the best Academic Progress Report over the previous two seasons of any coach in major college football.

I met Petersen in his office shortly before the end of spring practices. We only spoke for 30 minutes, but I walked away moved by Petersen’s sincerity. One word in particular stuck with me: genuine. Here is an excerpt from our conversation.

What do you love about college football? Football is much more complex than people realize. You couple that with young kids, 18 to 22

BY DEREK BELT

years old, where they’re still figuring things out and growing. I really feel like we can shape their lives once they leave us. **What are your impressions of Husky Stadium?** The first couple times I came here, it caught me off-guard how loud this place was and how tough it was to come in here and play. I don’t think we have to do much to get our kids to embrace it. I think they walk into the stadium and see this unbelievable setting. It speaks for itself. **What motivates you as a football coach?** It’s about whether the process is correct. It can be a very frustrating, very challenging job because once you think you make it right, it changes and

you’ve got to go make it right again. There are so many different components of the program for it to look good on Saturdays. **How do you balance the role of football coach and teacher?** We talk about three of our coaching objectives: to build self-esteem in our players, to add value to their lives, and to enjoy this process. Because it’s really a hard, tough, grinding process. If we don’t appreciate each day, if we don’t celebrate even our small victories, we’re kind of missing the point. Our life is here. If we’re only going to celebrate those fall Saturdays, our mindset is off.

What about attention to detail? Everything matters. Our mission is to get players to believe that. How you live your life, showing up early to everything, being in the moment—these are all simple principles of life and success. **What does your decision to take the UW job say about where you’re at in your career?** I’ve known about the tradition and history of this program and had been such an admirer. All the things that I have gone through in my career have really established a strong philosophy of what’s important. The University of Washington really represented that. The people that support this place, the passion, and just the power of this place added up to be something that I wanted to be a part of.

Tell us about your ‘Our Kind of Guys’ philosophy? The bottom line is we have to be able to develop talent and it doesn’t matter if the kid is a two-star or a five-star athlete. That’s where all these intangible factors, which is part of our OKG philosophy, come into play. We want to recruit the highest level of athlete we can, but he has to want to be coached, he has to want to be great, he has to have a passion for football.

How do you sustain success week to week? For you to show up every week and play your best doesn’t sound that difficult unless you’re in it. Experts say you might be at your emotional peak maybe half the time. To have that emotional energy and that focus to compete at the highest level every single week—that is what we’re striving for. **Anything else?** I’m just really excited to be here and so impressed with the people and the beauty of Seattle. It’s so spectacular. This really is the greatest setting in college football. ■—Derek Belt is a frequent contributor to Columns. The complete version of this story appears at UWalum.com/Columns.

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INFORMATION SCIENCE

Mobile Medicine

by Julie Garner

FOR INFANTS IN SUB-SAHARAN AFRICA WHO are born pre-term, with low birth weight or with HIV, access to human breast milk can mean the difference between life and death. Human milk banks have been established to solve this problem, but they tend to be expensive, requiring electricity, computer access and clean water. These are often scarce commodities in this part of the world.

Faculty and students at the UW are rapidly innovating to solve problems like this. The prevailing attitude among these motivated faculty and students: a good idea is a good idea regardless of the source and collaboration—especially novel collaboration—produces better solutions than a scientist working in isolation.

A collaboration between UW Computer Science and Engineering (CSE) and PATH, a Seattle-area non-governmental organization, has led to a simple, ingenious solution to the breastfeeding dilemma. While medical care and safe water are not always available, most Africans today have smartphones.

Rohit Chaudhri, '11, '14, developed a tool called FoneAstra that can be used to connect a smartphone with readily available temperature probes. Along with a heat source and some glass jars, the system pasteurizes the stored breast milk, killing harmful pathogens but leaving the beneficial immunological and nutritional properties intact. A phone app guides the

user through the experience. The heat sensor attached to the phone beeps when the milk is the right temperature. Then it is cooled and ready to use. The solution is a practical and economical alternative to commercial processing that requires power to work.

“The goal here was to use it in a rural clinic with no power. It’s all run off a cell phone, which is portable,” says Gaetano Borriello, professor of CSE. Borriello guides students from many disciplines—public affairs, public health, business, communication, information and computer science—to use technology to solve problems.

Borriello developed the Open Data Kit, which is a free set of cloud-based and smartphone tools. The tools help organizations and research scientists use smartphones to collect data, conduct health surveys and help clinicians decide on a course of action by providing algorithms programmed into the phone. The breast-milk pasteurization solution is just one example of how UW faculty, students and partners like PATH and VillageReach are reaching out and working with one another and with global communities to solve problems.

Jennifer Unger, assistant professor of obstetrics and gynecology, is studying the use of mobile-phone technology to improve maternal and neonatal health. Unger’s study is being conducted in a large slum in Nairobi, Kenya. To understand Unger’s research project, it’s helpful to consider these facts: In Kenya, maternal mortality is high, with 530 deaths for every 100,000 births. Pregnant women typically attend one or two out of every four recommended clinic visits and 40 percent of births occur without the aid of a skilled birth attendant. On the upside, female literacy is about 80 percent and cell-phone coverage is reasonably high. About 90 percent of women in the slum have smartphone access.

Unger wanted to know if sending women messages about appointments and encouraging them via text message would increase prenatal and antenatal visits, use of skilled delivery services, family planning and infant health services.

“We did a lot of formative work asking women what they wanted in the messages and talking to providers about what messages they wanted to send,” she says. Brian DeRenzi, '08, '11, who now works for IBM in Nairobi, and Trevor Perrier, a third-year graduate student, managed the technical aspect of the project.

One group of women has two-way communication. They receive messages and can text back to a clinic nurse. The nurse can respond to them and Unger monitors the texting and communicates with the nurse from Seattle. The two-way messages also serve as a kind of medical record. Women both respond to the texts sent by Unger’s group but also spontaneously send messages announcing the birth of their baby, asking questions about family planning methods, test results, clinic logistics and individual problems. The other group of women receives automated messages once each week but there is no two-way communication capability. The messages are timed to the patient’s week of pregnancy. Thus far, the two-way messaging seems to be quite engaging with about 60 percent of women regularly communicating with the nurse.

“Our real interest is in learning how much interaction is required to see a difference in having the women deliver in a facility, participate in family planning, exclusively breast feed and attend four antenatal care visits,” she says. The trick is to find the sweet spot that provides just the right engagement to affect behavior.

Carey Farquhar, professor in medicine, epidemiology and global health,



is the investigator of the Home-based, Partner, Education and Testing (HOPE) study in cooperation with the Kenya Ministry of Health. Health workers collect information on smartphones that also have a GPS feature to locate the homes of the women for later counseling of the woman and her partner. The workers upload the data to a server at the Kenya Ministry of Health. The study assigns one group of couples to standard pregnancy services and routine prenatal care. The other group of couples has been randomly assigned to receive follow-up and HIV testing at home. Farquhar suspects that the home-based partner education and testing will result in finding and preventing HIV as well as linking those with HIV to available treatment. Using smartphones to gather and enter the data is a huge timesaver.

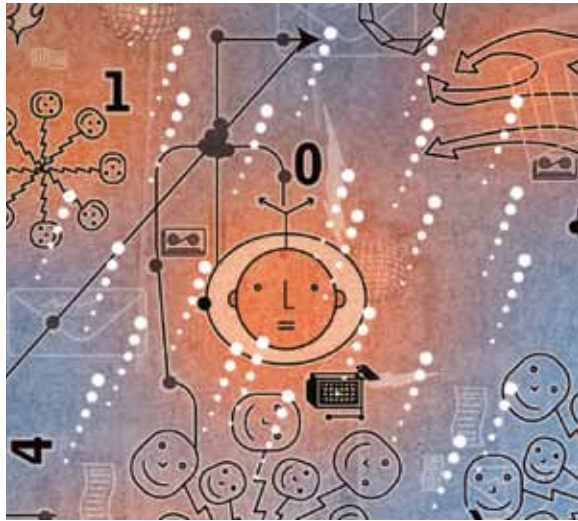
“Formerly, we had data on paper and then entered it manually and triple checked it. It would take weeks. Now we get weekly summaries of the data results and we can improve and tweak the study as needed,” says Farquhar.

The cross-departmental collaboration at the UW has involved undergraduates as well as graduate students and faculty. Saloni Parikh, who is majoring in public health and computer science, developed the app for the HIV data-collection study. Parikh traveled to western Kenya and worked on the IT part of the project and she trained data and technology managers in Kisumu. “I made the app work without a network connection and I showed their manager how to pull up the data and import and filter it,” she says.

Borriello, who has taught at the UW for 25 years, says that students are quite different now. Like Parikh, DeRenzi and Chaudhri, they want to use technology to work on things that really matter. “During the dotcom boom, people were in it for the money. They wanted the degree to get into that world and cash in,” says Borriello. He says there undoubtedly will be more projects emerging from the UW that help research efforts and provide answers that contribute to improved global health. ■

OCEANOGRAPHY

Robot Observers



THIS FALL THE UW WILL COMPLETE INSTALLATION of a massive digital ocean observatory. Dozens of instruments will connect to power and Internet cables on the sea floor, but the observatory also includes a new generation of ocean explorers: robots that will zoom up and down through almost two miles of ocean to monitor the water conditions and marine life above. Tests are under way for two types of tethered robot—one working at shallow depths and one in the dark depths—that will gather continuous, real-time data about the ocean environment. The robots are part of the UW-led cabled observatory, funded by a \$239 million grant from the National Science Foundation and part of the national Ocean Observatories Initiative. The tethered robots will be able to collect long-term observations and respond to events such as large storms or microbial blooms associated with underwater volcanic eruptions. “By having this infrastructure positioned vertically throughout the water column, we will have an unprecedented capability to respond to oceanic events as necessary and to fine-tune our short-term and long-term observational strategies, all without going out there with a ship,” said project scientist Orest Kawka. The robots are now being tested at the UW campus in a saltwater tank and in a tank that can generate up to 10,000 pounds of pressure per square inch.—*Hannah Hickey*

ASTRONOMY

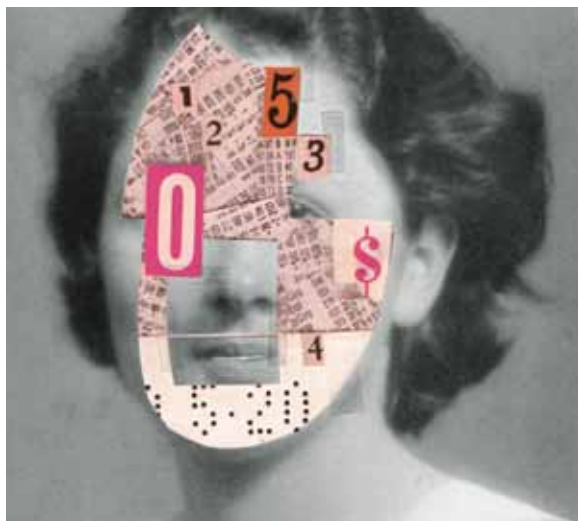
Planetary Bonanza



UNIVERSITY OF WASHINGTON ASTRONOMER Eric Agol played a key role in the discovery of 715 new exoplanets announced by NASA Feb. 26. Agol was on a team that found seven of those worlds, all in orbit around the same star, Kepler-90. It is the first planetary system with seven planets seen to transit, or cross in front, of their host star. Agol and colleague Josh Carter of the Harvard-Smithsonian Center for Astrophysics, along with co-authors, discovered the grouping and helped confirm the high likelihood that it is a planetary system. An amateur astronomer assisted in identifying the seventh planet. The worlds were all detected by the Kepler Space Telescope. Many of the newly verified systems have multiple planets. The 715 worlds orbit 305 different stars, and the great majority are planets smaller than Neptune. In the seven-planet system Kepler-90 there are two worlds about the size of Earth, three super-Earths—planets larger in mass than Earth but less than 10 times so—and two much larger planets. Four of the 715 newly discovered worlds are less than two and a half times the size of Earth and their orbits are within their host star’s habitable zone, meaning the swath of space is just right for an orbiting planet’s surface water to be in liquid form. And that means it has the qualities that could support life. The NASA discovery increases the total number of confirmed exoplanets to 1,700.—*Peter Kelley*

BIOENGINEERING

Cosmetic Enhancement



MILLIONS OF PEOPLE EACH YEAR REMOVE wrinkles, soften creases and plump up their lips by having a physician inject a gel-like material into their facial tissue. These cosmetic procedures are sometimes called “liquid facelifts” and are said to be minimally invasive. It’s rare, but sometimes things go wrong. In a matter of minutes, patients’ skin can turn red or blotchy white and the injected area becomes painful. Vital blood supply to the face is restricted and, if untreated, parts of the tissue will die. That scenario is irreversible and can leave deep scars. Physicians haven’t been able to pinpoint the cause because it was difficult to see how the injected fluid, or filler, behaves in facial tissue. New imaging technology from UW engineers now allows scientists to analyze what happens in the smallest blood vessels during an injection. This technique could prevent accidents during procedures and help clinicians reverse the ill effects if an injection doesn’t go as planned. “Filler-induced tissue death can be a really devastating complication for the patient and provider,” said Shu-Hong (Holly) Chang, a UW assistant professor of ophthalmology specializing in plastic and reconstructive surgery. Using this technology, Chang and her team saw that complications arose when filler was inadvertently injected into the bloodstream rather than in the intended soft tissues of the face.—Michelle Ma

DISCOVERY IS AT THE HEART OF OUR UNIVERSITY.

In labs, classrooms and in the field, faculty and students are carrying out research to address the world’s most complex problems. Here’s a sample:

10
FROM THE
LABS

POLAR SCIENCE

bit.ly/1d7Wf5u

The latest observations of the Jakobshavn Glacier show that Greenland’s largest glacier is moving ice from land into the ocean at a speed that appears to be the fastest ever recorded. The glacier’s average annual speed over the past couple of years is nearly three times its average annual speed in the 1990s.

MECHANICAL ENGINEERING

bit.ly/1b62yWo

UW scientists and engineers are developing a low-cost device that could help pathologists diagnose pancreatic cancer earlier and faster. The prototype can perform the basic steps for processing a biopsy, relying on fluid transport instead of human hands to process the tissue.

MATERIALS SCIENCE

bit.ly/1dIJxrN

UW scientists have built the thinnest-known LED that can be used as a source of light energy in electronics. The LED is based off of two-dimensional, flexible semiconductors, making it possible to stack or use in much smaller and more diverse applications than current technology allows.

IMMUNOLOGY

bit.ly/LRj93P

The hepatitis C virus has a previously unrecognized tactic to outwit antiviral responses and sustain a long-term infection. It also turns out that some people are genetically equipped with a strong countermeasure to the virus’ attempt to weaken the attack on it.

OCEANOGRAPHY

bit.ly/1d8oXkn

The Arctic is home to a growing number of whales and ships, and to populations of sub-Arctic whales that are expanding their territory into newly ice-free Arctic waters, according to a study of the narrow passage of the Bering Strait using underwater microphones to track the whales.

DENTISTRY

bit.ly/1hiSPdE

Four UW School of Dentistry faculty members have received a patent for a new way of using titanium-based materials to fight oral bacteria. The patent culminates several years of work in which the group studied a novel class of substances called titanates and peroxotitanates, which can inhibit bacterial growth.

ATMOSPHERIC SCIENCES

bit.ly/1iXcosw

New research elucidates the process by which gas wafting from coniferous trees creates particles that can reflect sunlight or promote cloud formation. The study shows the chemistry behind these particles’ formation, and estimates they may be the dominant source of aerosols over boreal forests.

PUBLIC HEALTH

bit.ly/Np3jhA

A new study conducted in Seattle and led by researchers in the University of Washington School of Public Health finds that distance from a supermarket doesn’t matter when it comes to diet quality. What counts most is exactly where a person decides to shop.

OCEANOGRAPHY

bit.ly/1gzBoXS

UW researchers employed new tools to measure and track B-12 vitamins in the ocean. Once believed to be manufactured only by marine bacteria, the results show that a whole different class of organism, archaea, can supply this essential vitamin.

GENOME SCIENCE

bit.ly/1mejZYs

A substantial fraction of the Neanderthal genome persists in modern human populations. The findings are a start to identifying the location of specific pieces of Neanderthal DNA in modern humans and the start to creating a collection of Neanderthal lineages surviving in present-day human populations.

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Is an
MBA
worth it?

Is *now*
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tacoma.uw.edu/PaintThePark



KATHERINE W. TURNER

College readiness program through the UW Women's Center helps local high school students excel

SENAYET WOLDEMARIAM, '06, '11, FIRST GOT HELP GETTING READY FOR college from the UW's Making Connections program when she was a sophomore at Seattle's Garfield High School. Today, she credits her experience in the UW Women's Center program with making her career as a physical therapist possible.

"People like me, who are first generation, or young women who are low on the socio-economic ladder, really need the one-on-one help Making Connections offers," Senayet says. "Even in high school, I knew I wanted to be in medicine. But in Eritrea, where my

Visit giving.uw.edu to watch a video about Senayet and the Making Connections program.



Take the Challenge

For a limited time, Mikey Herring, '64, and James Phelps will match, dollar for dollar, every donation to Making Connections up to \$100,000. "We hope people are moved by this opportunity to double their donations," Mikey says. "When you help a young woman, you help her family. You help the family she's going to have. You make a huge difference in the world." To donate to Making Connections today, visit giving.uw.edu.

family is from, medicine only means being a doctor or a nurse. Making Connections opened my eyes to the many other options for careers in health care. Without their help and encouragement, I'd never be in the career I love so much today."

Inspired by success stories like Senayet's, Mikey Herring, '64, and her husband, James Phelps, want to help create more. They've established a \$100,000 fundraising challenge for Making Connections, a program that has helped more

than 100 Seattle-area students in 2014 alone. With a full slate of services, including mentorship, tutoring, workshops and field trips, Making Connections concentrates on getting young women interested in STEM (science, technology, engineering and mathematics).

Mikey says when she was younger, programs like Making Connections simply didn't exist. "When I graduated in 1964, I was shocked to realize how very few options were open to me as a woman," she explains. "That's why, throughout my life, I've done whatever I can to make opportunities for women to improve their lives."

Mikey and James live in California, but on their frequent visits to Seattle they always make a point to meet with Making Connections participants. "It's incredible to hear these young ladies speak about their passions and goals, and to hear about the ways this program is helping them get where they want to go," James says. "We are so proud to be involved in Making Connections, and so grateful for the work they're doing."

Senayet is grateful, too, and shows it by actively giving back to the program. As a graduate student she served as a Making Connections mentor coordinator. Currently, she's one of the program's most active volunteers, working at events and personally mentoring several high school students. "Just like me, I know these young women will be inspired to pay it forward and give back to others in the future," she says.

FROM THE UW FOUNDATION CHAIR



Howard Behar

Q

How is the UW cultivating future leaders?

A

The UW is doing a wonderful job preparing graduates not only to become leaders in their given fields, but in all aspects of their lives. Programs like the Husky Leadership Initiative help students connect to leadership opportunities across campus and in the community. Making Connections is one of the UW's many mentoring programs that help students increase their leadership experience. But what is leadership all about, really? It's about understanding who you are as a person, what your values are and what motivates you. It's fitting that I'm discussing a topic that's near and dear to my heart in my last column in these pages. I truly feel that leadership is the key ingredient in making you successful in life, and I'm thrilled to see that the UW is emphasizing this important component of the student experience.

The UW Foundation advances the mission of the UW by securing private support for faculty, students and programs. To learn more about volunteer opportunities, email uwfdn@uw.edu or call 206-685-1980.



pride



Alumni and friends of the UW gathered to celebrate Husky pride at home and all over the world.

—1— JAPAN RECEPTION: Akio Hirao, '65, and Sachiko Yamamoto joined UW alumni and friends for a reception at The American Club in Tokyo.

—2— RIBBON CUTTING: Hundreds of UW supporters turned out to watch UW Bothell Chancellor **Bjong Wolf Yeigh**, UW President **Michael K. Young** and Governor **Jay Inslee**, '73, open the new Discovery Hall building at UW Bothell.

—3— DAWG DAYS: Barbara Bordeaux, '57, Kristina Alm, '61, and Janice Smith, '61, attended the Chow Down to Washington dinner during Dawg Days in the Desert, the UWAA's annual celebration for alumni and friends in Southern California.

—4— ELWHA EXHIBIT: Noreen Frink, '59, '60, joined Burke Museum Director **Julie Stein** at the opening of *Elwha: A River Reborn*.

—5— CHOW DOWN: Jim Houston, '55, '56, and Patricia Bosley hosted the annual Chow Down to Washington dinner at their home in Palm Springs.



6



7



8

—6— SUPREME SCENE: Hundreds of students packed the HUB Ballroom to listen to UW Provost **Ana Mari Cauce** interview Supreme Court Justice **Sonia Sotomayor**.

—7— CALIFORNIA HUSKIES: Former Husky football standout **Larry Tripplett**, '04, joined **Susann Riethmuller Vazquez** and other California Huskies for a tour of the Presidio in San Francisco.

—8— GALLERY GALA: UW friends and alumni attended the 2014 "Blank Page, White Cloth" gala at Henry Art Gallery, including **Lisa Romney**, UW President **Michael K. Young**, **Marti Young**, Seattle Mayor **Ed Murray** and **Mike Shiosaki**, '87.

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SOLAR INGENUITY



The UW has always been a star when it comes to the environment. But on April 4, the wattage of the UW's ecological efforts shined even brighter as Gov. Jay Inslee, '73, (above) and Earth Day Founder Denis Hayes turned out for the celebration of the installation of 128 solar panels on top of Mercer Court's A Building. The installation is an effort of UW Solar, a student-led organization supported by the Campus Sustainability Fund. UW Solar is made up of 11 students—form undergrads to doctoral candidates—representing five schools, five departments and two campuses within the UW system.

Cherry Trees Honor UW-Japan Roots

Huskies past and present enjoy the famous cherry blossoms that blanket the Quad as a gorgeous harbinger of spring. Now the people of Japan, with the assistance of the Japanese Embassy and the Japan Commerce Association of Washington, D.C. Foundation, have given the UW 32 new cherry trees—18 for campus and another 14 to Washington Park Arboretum. The gift honors the centennial of the 3,000 cherry trees given to Washington, D.C., by the people of Japan in 1912. A commemorative plaque will honor the Japanese students who have attended the UW since 1894, and honor the Japanese-Americans whose education was interrupted by their internment in camps during World War II.



Professor Tetsuden (Tetsu) Kashima admires the new cherry trees that have been planted on the UW campus.

BRICOLAGE

The 2014 *Bricolage Literary & Visual Arts Journal*, a collection of prose, poetry and visual arts by alumni, students, staff, faculty and others in the UW community, is now on sale for \$10.



Get your copy from the UW English Department, University Book Store and Bulldog News. Alumni are welcome to send submissions for the 2015 edition beginning in June. bricolageuw.wordpress.com



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W Need travel books? UWAA members save 10% at University Book Store.

Without Limits

As nearly 10,000 students join our alumni ranks this June, I want to say thanks. Serving as the UWAA president this year has been an enormous privilege. Time and again, I've been so impressed by the many volunteers who come together and make our community shine. In this, the UWAA's 125th year, we salute a legacy of service and leadership and use this milestone to look ahead at a Husky future without limits.

MIKE EGAN, '90 / UWAA PRESIDENT, 2013-2014



Mike and Karen Egan with their two future Huskies.

Overdose Rx

“He was in his late 20s, an up and coming architect who had everything in the world going for him. He went to sleep and didn’t wake up.”

The pain of losing a cousin who mixed methadone with alcohol inspired pharmacist Ryan Oftebro to turn his attention to preventing others from suffering the same fate. Oftebro, '03, '12, one of three pharmacist-owners of Seattle’s Kelley-Ross Pharmacy, is participating in a partnership between Public Health-Seattle & King County, the University of Washington and Kelley-Ross Pharmacy to provide a take-home naloxone kit to anyone who needs it.

Naloxone, a liquid opiate antidote that can reverse the effects of overdose, has been around forever. But only as an injectible medication, requiring someone who was trained in giving shots. That

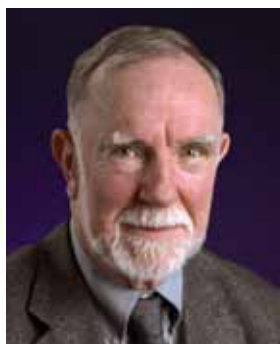


isn’t always possible in cases of overdose. Oftebro devised an ingenious syringe nozzle (left) so the medication can be delivered as a nasal spray rather than an injection. This means that anyone can administer the drug.

So far, Kelley-Ross is the only pharmacy in Washington state—and one of a handful nationwide—to dispense the kits. To date, Kelley-Ross has dispensed around 30 kits and has provided training to more than 500 health-care workers, pharmacists and concerned citizens.

In addition to the take-home naloxone program, pharmacists from Kelley-Ross have given educational presentations regarding naloxone access and training to staff at the Downtown Emergency Services Center and other organizations that serve people, like his cousin, who struggle with drug abuse.—Julie Garner

With deep appreciation, we honor two generous professors



DISTINGUISHED SERVICE AWARD
PRESENTED BY UW ALUMNI ASSOCIATION

Jon Bridgman

For the past 40 years, Professor Emeritus Jon Bridgman delighted students and alumni alike with his dazzling lectures that made history come alive. Bridgman, who is being honored with the 2014 UWAA Distinguished Service Award for giving the History Lecture Series for so many years, is making history of his own this year—he won the award in 1995 as well, making him the first person to receive the honor twice. He also received a Distinguished Teaching Award in 1973.



DISTINGUISHED RETIREE AWARD
PRESENTED BY UW & UW RETIREMENT ASSOCIATION

Richard Morrill

Professor Emeritus Richard Morrill, '57, '59, continues to leave an imprint on the UW landscape. That’s why he is being honored with the 2014 UW and UW Retirement Association Distinguished Excellence in Community Service Award. Morrill has conducted electoral analysis and has shown commitment to addressing inequality and poverty. He continues to mentor colleagues, and he established the UW Morrill Fund for Scientific Geography, which has raised more than \$30,000.

Eyewitness to Devastation

Editor's Note: Lauren Pongan, a graduate student in Southeast Asia Studies, traveled to Tanuan, Leyte, last December, not long after Typhoon Yolanda devastated portions of the Philippines. Here is a part of her report.

The physical signs of destruction were breathtaking. There was a church field that had been planted with crosses for those buried and those still missing. A giant “New Leyte Edible Oil” drum lay on its side, swept in from who-knows-where by a wave. Century-old trees with root systems spanning more than 30 feet across were tossed all about like dandelions. Rows of agricultural coconut trees were destroyed.

A massive trash pile on the main road into town was growing by the day to accommodate the endless debris that, in many places, was still piled in the street above head height. But even before the trash from the street is transported to this pile, it is combed for usable scraps or materials, with the help of bulldozers and hand-sorting by children as young as five. Each time the bulldozer turned over a bucketful of debris, there was a collective holding of breath: would this next turning of the pile unearth a corpse or human body part?

Burning trash, a plague of flies and mosquitos that bred in the trash, and the smell of rotting flesh—either animal or human—these were actually a fixture of daily life in Tanauan a month after



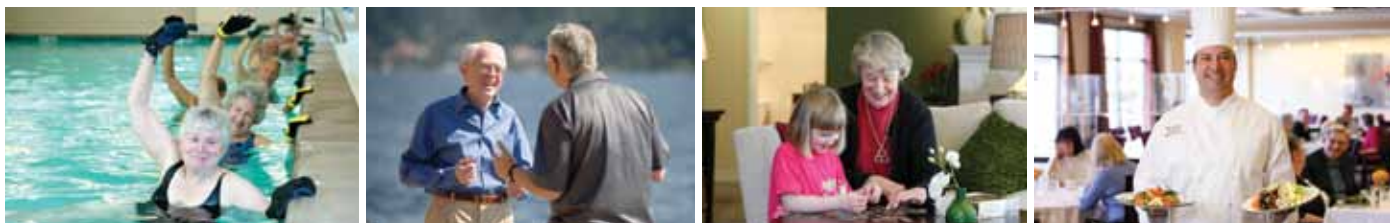
A photo album with lost memories.

LAUREN PONGAN

the typhoon. Residents of the town still largely sourced potable water from large, black reserve bags provided by the UN.

There were also the small, but noticeable difficulties that made daily life taxing—like never having a cold drink, or a sleeping fan for humid nights with temperatures in the 80s and 90s. The wreckage strewn throughout Tanauan was peppered with sights that were startling in their normalcy. Children’s laughter echoed in the streets. *The complete story can be found at uwalum.com/columns.*

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GO TO

Great Outdoors

UW Botanical Gardens: Park In the Dark

June 28 • Night hikes are a chance for us to explore the Arboretum, our senses, search for crepuscular and nocturnal movements in the forest and learn about night-related animal adaptations.

Tour of Union Bay Natural Area and Yesler Swamp

Aug. 6 • Professor Kern Ewing will lead you through Yesler Swamp and Union Bay Natural Area, looking at restoration projects, upcoming WashDOT mitigation activities, habitats and strategies for invasives. • *Wanna see more?* View the complete list of UW Botanical Gardens events and classes: bit.ly/1guHXfM

Music

University Symphony

June 8 • David Alexander Rahbee conducts the University Symphony in a performance of *Pablo de Sarasate: Navarra, for Two Violins and Orchestra, Op. 33*, with Concerto Competitions Winners Yesol Im and Corentin Pokorny, violins, students of Ronald Patterson; *Rachmaninoff: Rhapsody on a Theme of Paganini, Op. 43*, with Concerto Competition Win-

ner Joseph Dougherty, piano, student of Craig Sheppard; and Mussorgsky/Ravel: *Pictures at an Exhibition*. bit.ly/1gjalLk

Burke Museum

Imagine That: Surprising Stories and Amazing Objects from the Burke Museum

Through Oct. 26 • This exhibit reveals the surprising stories, complex questions, and awe-inspiring answers hidden inside objects. See a new side of the Burke and learn how collections show us new things about the world around us every day. burkemuseum.org/imagine

Henry Gallery

MFA+ MDes Thesis Exhibition

Through June 22 • The Henry presents the UW's School of Art Master of Fine Arts and Master of Design annual exhibition. bit.ly/1gusUCF

Summer Field Studies

June 21–Sept. 14 • A presentation and interactive program series that invites visitors to explore contemporary art and ideas not only at the museum, but out in the surrounding landscape. bit.ly/1gjkzF

Events

Career Development Series **W**

Join the UWAA and the UW Career Center for a series of events this summer. Attend one program—or several—and take a step toward finding a career you'll love. UWalum.com/summercareer

UW Night with the Mariners

July 12 • Enjoy the Mariners-Oakland A's game at a discounted price for UW alumni, students, parents, families, friends, faculty,

staff and retirees. A portion of the proceeds will go toward UWAA scholarships. Includes a free UW-Mariners T-shirt that can be picked up at the game. UWalum.com/mariners

6th Annual Foster Alumni Picnic

July 12 • We'll grill up the salmon, break out the summer salads, and serve northwest-inspired paella. Inflatables, carnival-style games and a photo booth are also on the menu. Bring the family, relax with old friends and make some summer memories! fosterwashington.edu/picnic

Paint the Park Purple

Aug. 9 • Tacoma Huskies: Join your fellow Dawgs at Cheney Stadium as the Tacoma Rainiers take on the Fresno Grizzlies. Enjoy special giveaways and a visit from Hendrix the Husky while supporting scholarships for UW Tacoma students. UWalum.com/paintthepark

Washington Warm Ups **W**

Aug. 30 • UW at Hawaii
Oct. 11 • UW at California
Warm Ups are the place to be before these Husky football away games—the party starts three hours before kick-off and includes an appearance by Harry the Husky and performances by the Husky Marching Band and Cheer Squad. UWalum.com/warmups

Regional

NY Salmon BBQ **W**

June 21 • Join fellow Huskies at the home of Lex Gamble, '59, for the 41st annual New York Salmon BBQ. This year's featured speaker is Howard Behar, chair of the UW Foundation Board.

DC Salmon BBQ **W**

June 22 • Join us at the home of Joseph, '64, and Kathy, '63, Ryan, for the 15th annual DC Salmon BBQ, featuring speaker Howard Behar.

Bay Area Salmon BBQ **W**

Aug. 9 • Join us at the home of John, '76, and Laurie, '75, Tangney

for the annual Bay Area Salmon BBQ. This year's featured speaker is Bill Ayer, '78, vice chair of the UW Board of Regents.

LA/OC Salmon BBQ **W**

Aug. 10 • Join us at the Jonathan Club at the annual Los Angeles and Orange County Salmon BBQ, featuring speaker Bill Ayer. For more information on all of these events, visit UWalum.com/summerbbq

Theater

The Workroom

Through June 8 • A stunning portrait of two male and six female laborers surviving in Paris after World War II. Little changes in their cramped, airless tailor's workroom except the fabrics they stitch together. bit.ly/1v7YUT

Homecoming

Come back to campus for these great traditions:

Oct. 19 • Dawg Dash 5K/10K **W**
Oct. 23 • Class of 1964 50-Year Reunion Dinner **W**
Oct. 24 • Class of 1964 50-Year Reunion Tour
Oct. 25 • MAP Bridging the Gap Breakfast, HUB Ballrooms
Oct. 25 • UW football vs. ASU, including Homecoming Royalty Court introduction

UWalum.com/homecoming

Calling all Class of '65 grads:

We're looking for volunteers to help plan the 50th Reunion. Contact Vira Danh at 206-685-9279 or viradanh@uw.edu.

Author Events

Join us at the University Bookstore in the U-District. UWAA members save 10% on all eligible purchases. For the most up-to-date event schedule: ubookstore.com

June 10 • Jack Hart—*Skoookum Summer*

June 20 • Jennifer Murphy—*I Love You More*

July 2 • Django Wexler—*The Shadow Throne*



OLD CUP OF JOE

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UW Press

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How to Read the American West

By William Wyckoff

William Wyckoff introduces readers anew to these familiar landscapes. A geographer and an accomplished photographer, Wyckoff offers a fresh perspective on the natural and human history of the American West.

Shaping Seattle Architecture

Edited by Jeffrey Karl Ochsner

This second edition updates and expands the original with new information and illustrations that provide an even richer exploration of Seattle architecture.

Return to the Land of the Head Hunters

Edited by Brad Evans and Aaron Glass

This volume brings together leading anthropologists, Native American authorities,

artists, musicians, literary scholars, and film historians to reassess the film and its legacy.

Skookum Summer

By Jack Hart

This murder mystery set in Puget Sound exposes the strains on the community as pollution, development, and global change threaten traditional Northwest livelihoods. Go to UWalum.com/columns to read an excerpt.

Confronting Memories of World War II

Edited by Daniel Chirot, Gi-Wook Shin, and Daniel Sneider

This collection brings together experts from a variety of disciplines and perspectives to explore the often overlooked commonalities between European and Asian handling of memories and reflections about guilt.

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Alumni Profile

Laura Pavlou

—Social Work—

When Laura Pavlou visits Gig Harbor's Washington Corrections Center for Women, she sees hope and vitality. Behind the steel gates of the maximum-security prison, it is her mission to nurture potential. ■ "I see women who are smart, but never tapped into the resources inside of themselves," she says. ■ In 2008, Pavlou co-founded Women's Wellness and Integrated Social Health (WWISH) as an online resource to help women in crisis. A year later, she was invited to speak at Belfair's Mission Creek Corrections Center for Women. She deeply connected with the incarcerated women and founded an ongoing program, which expanded in June 2013 to the Gig Harbor prison. Pavlou facilitates weekly group sessions where inmates share stories and develop positive thinking and communication skills. They also engage in individual workbook and writing exercises. ■ WWISH has served approximately 3,000 inmates and is open to

the entire prison population, ranging from teenagers to senior citizens. Pavlou interacts freely with those serving sentences for everything from murder to drug offenses. "They are no different than the rest of us. I look at my own life and there were many times I put myself at risk. It was really luck of the draw that I didn't end up in prison," she says. ■ After facing domestic abuse and mental-health challenges, Pavlou charted a new course through education. Always an avid writer, she enrolled in community college, where she thrived and launched a college newspaper. She received the prestigious Jack Kent Cooke Foundation scholarship, which allowed the 42-year-old single mother of three to enroll at UW. She graduated in 2006 with a journalism degree. ■ "On campus, I felt like—pinch me! Is this really my life? I was able to have a better life because of resources and support from friends and mentors who encouraged me. For a long time, they saw me better than I saw myself," she says. ■ Pavlou is paying the help forward. Early indicators point to her organization reducing recidivism as well as infractions in prison. The King County Prosecuting Attorney's Office has expressed support and there is the possibility of expanding to additional facilities. ■ "When I walk into the prison, I feel like I'm home," says Pavlou. "Of course, I'm grateful for my freedom, but I'm so hopeful for their transformations. I'm excited to be there, see my friends inside and do the work."

STORY *by* DEANNA DUFF * PHOTO *by* KAREN ORDERS

U

W Tacoma has appointed Kenyon Chan as its interim chancellor. Chan, who served as chancellor at UW Bothell in 2007 until his retirement in 2013, replaces Debra Friedman, '79, '83, who died Jan. 26 from lung cancer.

► **The family of Gordon Hirabayashi, '46, '49, '52,** donated his 2012 Presidential Medal of Freedom to the UW at a February ceremony on the UW Seattle campus. The collection of Hirabayashi's journals, recordings, legal papers and photos is housed at the UW Libraries.

► **The devastating mudslide** in Snohomish County that killed 43 people March 22 is being investigated by a national team co-led by Joseph Wartman, associate professor of civil and environmental engineering. UW geomorphologist David Montgomery is also a member of the team.

► **The 2014 Charles E. Odegaard Award** was presented to Denny Hurtado, former chair of the Skokomish Tribe and retired director of Indian Education for the Washington State Office of the Superintendent of Public Instruction. The award honors individuals whose leadership in the community exemplifies

the former UW president's work on behalf of diversity.

► **UW programs in medicine, education, law, business and engineering** were ranked among the top 26 in the country, according to the latest rankings issued by *U.S. News & World Report*. The UW School of Medicine rated No. 1 overall for primary care and No. 10 in research. Other medicine rankings: No. 1 in family medicine and rural medicine; fourth in AIDS education; fifth in pediatrics; seventh in geriatrics and internal medicine; and tied for ninth in drug and alcohol abuse. The College of Education was ranked No. 7; its special education program ranked seventh; secondary education was ninth.

► **Herb Bridge, '47, received** the 2014 Outstanding Philanthropist Award from the Hong Kong Association of Washington Foundation. Bridge was the first recipient of the UW's Distinguished Alumni Veteran Award.

► **Two alumni of the College of Education** were honored recently. Noah Zeichner, '04, was named World Educator of the Year by the World Affairs Council. He teaches at Seattle's Sealth High School. Keisha Scarlett, '08, principal at South Shore PK-8 School, was named Washington State 2014 Middle Level Principal of the Year.

► **UW Bothell unveiled its** \$68 million Discovery Hall on March 19. It will serve as home to the School of Science, Technology, Engineering and Mathematics (STEM).



ALMOST OSCAR

It was 10 years between the time Bob Nelson penned the script for *Nebraska* (starring fellow Oscar nominee Bruce Dern, left) and its 2014 nomination for an Academy Award for Best Original Screenplay. After an awards season publicity blitz that had him hopping from one interview to the next, Nelson, '80, eventually departed Hollywood with both an Independent Spirit Award and a newfound circle of A-list screenwriters. Save fellow scribe Woody Allen, that is. "He never showed. Maybe it was something I said," deadpans Nelson. Beloved by Seattleites for his decade starring on local TV's *Almost Live*, Nelson now has six screenplays in various stages of production, including one with actor Joel McHale, '95, '00. With a decade of studio experience under his belt, he can finally share his secret to Hollywood success: "My strategy is to keep my head down and keep working."—Kelly Huffman

► **The Classics Department** received the first Award in Professional Equity from the Women's Classical Caucus.

► **Works by Beethoven, Brahms, Handel, Tchaikovsky, Wagner and other legendary composers** are among 720 rare classical music scores, mostly first editions and first printings, donated to the UW Music Library. Appraised at approximately \$1.3 million, the donation comes from the estate of William Crawford III, a New York arts manager and lifelong music collector.

► **The UW's chapter of the Society for the Advancement of Chicanos and Native Amer-**

icans in Science was named the Distinguished Chapter of the Year for 2013.

► **Matthew Bush, assistant professor of chemistry,** has been selected as a Sloan Research Fellow for 2014. He leads a lab that develops mass spectrometry-based technologies to study the structures, assembly and dynamics of protein complexes.

► **The UW tied for second** among large universities (schools with more than 15,000 undergraduates) in the number of Peace Corps volunteers, with 85 undergraduate alumni currently serving around the world. The UW also tied for second in the number of graduate alumni volunteers, with 20.

► **The UW is the seventh** best public university in America, according to the latest QS World University Rankings for 2013-2014, which were released in late February. Overall, the UW was ranked the 23rd best university in the U.S.

► **Landing distribution** deals at the 2014 Sundance Film Festival were Lynn Shelton, '87, for her newest movie, *Laggies*, which stars Keira

Knightley; and Craig Johnson, '98, for his newest movie, *The Skeleton Twins*, which starts Bill Hader and Kristen Wiig. The film will be released theatrically this summer.

► **Beginning in fall 2014,** people interested in social sciences, who have already earned approximately two years of college credit or an associate degree, will be able to finish their bachelor's degree online through a new completion program.

► **Washington became the** first state to require suicide prevention training for doctors and nurses after Gov. Jay Inslee, '73, signed bill HS 2315 in March. The UW-based organization Forefront: Innovations in Suicide Prevention, led by Social Work Professor Jennifer Stuber, pushed for the bill's passage.

► **Joel McHale, '95, '00,** was the headliner at the White House Correspondents Association annual dinner in May.

► **HSNewsBeat is a website** spotlighting news from UW Medicine and Health Sciences for everyone. The site aims to raise awareness of UW's impact on health research, care and education.



DRAMATIC EXIT

Sarah Nash Gates has had a career full of drama. She wouldn't have it any other way. Gates retires in June after 20 years as executive director of the School of Drama, where she oversaw renovations of the Jones Playhouse and Hutchinson Hall, established a volunteer board, encouraged collaboration among UW arts units, and witnessed emerging talent through more than 180 drama school productions. Through it all, Gates has remained a leader in costume design, designing for the Oregon Shakespeare Festival, Seattle Opera, 5th Avenue Theatre, and others. Gates believes that a drama degree provides invaluable training for any future career. "The world of drama," she says, "is all about collaboration and being imaginative." Visit UWalum.com/columns for an interview with Gates.—Nancy Joseph



Faculty Profile

Terrie Klinger

—*Marine Ecology*—

As a girl, Terrie Klinger's mom took her to the tidepools to play with the prickly sea urchins and shy octopi. Growing up in sunny Southern California inspired a love for the ocean and concern for the ecosystems beneath the surface. But the chemistry of the ocean has changed dramatically over the decades that Klinger has been studying her beloved West Coast waters. ■ Acidification, caused by excess carbon dioxide absorbed by the ocean, is giving shellfish a particularly raw deal. Young mollusks such as oysters and scallops have a harder time building their shells in carbon-rich waters, which become corrosive as the pH drops. On the flip side, acidification can be a boon for seaweeds and phytoplankton, which are likely to flourish in the excess carbon. ■ “The positive and negative responses can lead to changes in ocean food webs and these changes have the potential to affect seafood production and the seafood industry,” says Klinger, who co-directs the new Washington

Ocean Acidification Center with Jan Newton. “The center is coordinating cutting-edge research to figure out what is happening in Washington’s waters and to link this research with the needs of legislators, the private sector and others with an interest in ocean ecosystems.” ■ The center opened its research doors last summer after the Washington State Legislature appropriated \$1.8 million to fund its first two years. The state is particularly interested in this work because the shellfish industry is the lifeblood of many coastal communities. Research on ocean acidification has grown rapidly since 2006, led by scientists in Europe, Australia and the United States. But studies on Pacific Northwest waters are nascent and the problem has been pressing for years. ■ For example, in 2008, Oregon observed large mortalities of oyster larvae linked to an influx of corrosive water. Since then, the shellfish industry has adapted, but Klinger says the long-term outlook will require changes in personal behavior, as well as the ways we manage marine systems. ■ “We don’t know what the ocean will look like in 100 years. We have good tools for projecting the chemistry, but we don’t know how the organisms will respond,” Klinger says. “A good outcome would be to slow the rate at which we’re adding carbon dioxide to the atmosphere. If we can slow the ocean acidification process down, we give those organisms a better chance to adapt. Slowing acidification will make it easier for humans to adapt to a changing ocean, too.”

STORY *by* JULIE LAUDERBAUGH * PHOTO *by* KAREN ORDERS

In Memory

1920

VIRGINIA B. COOK, '22, age 91, Jan. 3, 1995.

1930

C. RONALD SMITH, '36, Redmond, age 100, Jan. 28. • GLENN M. LEE, '37, Millsap, Texas, age 99, April 10. • CARL PRUZAN, '37, Seattle, age 99, Feb. 25. • IONE U. GASTON, '38, Sequim. • LOIS M. JONES, '38, Placencia, Calif., age 97, Nov. 22. • CHARLES W. MILLER, '38, Cottonwood, Ariz., age 97, Feb. 28. • ROBERT LINCOLN MCNEIL, '39, Seattle, age 97, Jan. 18.

1940

WERNER C. DIECKMANN, '40, San Diego. • MELVIN DAVID LURIE, '40, Marina del Rey, Calif., age 97, Jan. 27. • LENORE MARGARET (HOOPER) WILLIAMS, '40, Seattle, age 95, Jan. 12. • WILLIAM BURTON ARENSBERG, '41, Seattle, age 95, Feb. 28. • GLEN G. COURTNEY, '41, Seattle, age 97, March 25. • JEAN HEMRICH DAHL, '41, Seattle, age 93, Jan. 1. • D. RICHARD (DICK) GREENWAY, '41, Seattle, age 91, March 13. • THEODORE A. BAUMEISTER, '42, Portland, Ore., age 96, Feb. 7. • JAMES DONALD BRANNIAN, '42, Mercer Island, age 96, March 7. • JACK EARL "PAPA" CHAMBERS, '43, Seattle, age 94, Dec. 12. • DIANA M. SICK INGMAN, '45, Mercer Island, age 91, March 31. • MALCOLM S. JONES, '45, Laguna Niguel, Calif., age 90, March 14. • MARY (DUFFY) LEVITRE, '45, Seattle, age 90, Feb. 1. • EVAN A. POWERS, '45, Mount Vernon, November 2013. • ANNABELLE AIRTH, '46, Seattle, age 89, March 9. • LOU (JOHNSON) DONNELL, '46, Brier, age 88, Dec. 27. • BETTY JEAN EWART, '46, Bellevue, age 89, March 23. • RICHARD L. GROUT, '46, Hansville, age 91, Dec. 30. • ANNETTE VIVIAN KAPLAN, '46, Seattle, age 90, April 1. • CARL J. (JACK) NORDSTROM III, '46, Normandy Park, age 90, April 11. • DONALD HAMEL VENABLES, '46, Mill Creek, age 92, Jan. 8. • DONALD D. OSTROM, '47, Orinda, Calif., age 92, Feb. 4. • JEAN ELIZABETH (ZORN) STRAND, '47, Seattle, age 88, Dec. 12. • CARL E. SWENSON, '47, Edmonds, age 91, Dec. 25. • BARBARA ANNE BERLIN, '48, Bedford, N.H., age 86, Dec. 18. • JOHN ELMER CONNER, '48, Cle Elum, age 93, May 3. • FOSTER SCHOTT CRONYN, '48, Mercer Island, age 89, Feb. 23. • H. DONALD GOUGE, '48, '54, Renton, age 90, Jan. 23. • CHARME C. HUGHES, '48, Bothell, age 90, Dec. 9. • SHIGEKI PAUL KASEGUMA, '48, '08, Seattle, age 92, April 4. • LYLE FREEMAN MERCER, '48, Seattle, age 92, March 27. • ROBERT CARL OLIVER, '48, '49, Bainbridge Island, age 88, Nov. 17. • SHIRLEY IRENE (GUENTHER)

SADLER, '48, Kent, age 87, Jan. 25. • CHARLOTTE ANN SANDUSKY, '48, Seattle, age 89, Feb. 4. • JACK M. TUELL, '48, Des Moines, age 91, Jan. 10. • DOUGLAS MACGREGOR ALLAN, '49, Enumclaw, age 90, Feb. 12. • JOHN NORMAN ANDERSON, '49, Kirkland, age 90, Feb. 17. • ELMOND A. HOLMES, '49, Santa Rosa, Calif., age 95, Sept. 20, 2008. • KENNETH HUNICH, '49, Seattle, age 88, March 1. • ARLO K. MYERS JR., '49, Riverside, Calif., age 91, May 4. • D. CLINTON PRESCOTT JR., '49, Issaquah, age 89, March 21. • ZEN SHIBAYAMA, '49, Mercer Island, age 89, March 11.

1950

WILLIAM H. ADAMS, '50, Monroe, age 87, Feb. 10. • DONNA BOUILLON ANGELINE, '50, Seattle, age 86, Jan. 18. • CLYDE FELLER, '50, Everett, age 88, March 9. • RODERICK V. "ROD" HAMEL, '50, Seattle, age 86, March 22. • ELOISE BLANCHE AXELSON "ELLIE" HAUG, '50, Seattle, age 92, March 3. • WILLIAM MARTIN IVERSON, '50, Mercer Island, age 90, March 7. • LLOYD "RED" LICHTY, '50, Lynnwood, age 89, Feb. 17. • LEE M. PRATT, '50, Seattle, age 95, March 5. • GEORGE FREDERICK RAYMOND, '50, Issaquah, age 88, Jan. 8. • DONALD W. WIETHUECHTER, '50, '61, Tacoma, age 86, April 15. • BION DWIGHT BARGER, '51, Seattle, age 90, Feb. 16. • STEWART JAMES BRIGGS, '51, Seattle, age 87, Jan. 25. • JEROME H. CROHN, '51, Bellevue, age 85, Nov. 29. • ROLAND S. DICK JR., '51, Bremerton, age 86, Feb. 25. • ROBERT C. FOSS, '51, Seattle, age 84, Feb. 22. • WILLIAM KLEV SCHOENING, '51, Kenmore, age 89, Feb. 27. • MARGARET J. BAL, '52, Steilacoom, age 83, March 22. • STEPHEN F. CHADWICK, '52, Bain-

bridge Island, age 90, March 14. • JOSEPH DELANEY HOLMES JR., '52, Seattle, age 83, Dec. 29. • DOROTHY BOBBIE THUN NIXON, '52, Auburn, age 85, Jan. 19. • DONALD W. PATTEN, '52, '62, '66, Seattle, age 85, Feb. 12. • SHARON PETERSON, '52, Seattle, age 82, Nov. 29. • MERLE FRANK PIERCE, '52. • BOARDMAN WARREN "SLATS" BROWN, '53, Pasadena, Calif., age 86. • THOMAS P. CALKINS, '53, San Diego, age 82, Feb. 7. • ROBERT HANS DINES, '53, Issaquah, age 86, Feb. 7. • GLORIA ANN EHRIG, '53, Bellevue, age 84, Feb. 24. • RICHARD W. NEWTON, '53, age 84, Feb. 13. • KENNETH I. RICHSTAD, '53, Seattle, 89, March 15. • ALAN BURKE ROBINSON, '53, Bellevue, age 83, Feb. 4. • LOUIS CHUBB, '53, Auburn, age 88, Dec. 6. • ROBERT LEE PEABODY, '54, '56, Vancouver, Wash., age 81, March 20, 2013. • JAMES HALLECK ROBINSON, '54, Bremerton, age 83, Feb. 11. • CARROLL EDISON SCARFF, '54, Palm Desert, Calif., age 82, Jan. 10. • THOMAS W. THIES, '54, Hillsborough, N.J., age 83, March 16. • ROY MORLEY POTTER, '55, Bellevue, age 82, March 29. • RICHARD O. SEGALE, '55, Ormond Beach, Fla., age 82, Jan. 8. • ROGER F. SILER, '55, Seattle, age 80, Feb. 9. • CATHY WELANDER BRYAN, '56, Tacoma, age 80, Jan. 5. • ROBERT J. HAWLEY, '56, Seattle, age 83, Sept. 9. • LOUISE LARSON, '56, Seattle, age 82, Dec. 26. • MARLYS JANELLE THIEME, '56, Seattle, age 79, Feb. 16. • EUGENE WESTLAND, '56, Medford, Ore., Dec. 16. • FRANK HAROLD WILLIAMS, '56, Federal Way, age 81, Feb. 8. • JOHN RICHARD ALLEN, '57, Oak Harbor, age 84, Feb. 27. • A. KENNETH ANDERSON, '57, Enumclaw, age 83, April 5. • ROBERT WOODFORD BOYD, '57, Seattle, age 79, May 6. • WAYNE T. BROWNE, '57, Red-



D. WAYNE GITTINGER

1933-2014

As a corporate lawyer at the Seattle firm of Lane Powell for more than 50 years, D. Wayne Gittinger was a pillar of Seattle's legal and business community. Over the decades, he provided countless businesses with legal counsel. He also took great pleasure in mentoring generations of up-and-coming lawyers. But there was something Gittinger, '54, '57, loved as much

as the law: the University of Washington. A native of Idaho, he pitched for the Husky baseball team in the 1950s and then went on to become one of the most loyal supporters the UW has ever had, particularly the School of Law and the Athletic Department. In addition to being a generous donor to the UW, he donated his time as a member of the law school's visiting committee and Dean's Advisory committee. He and his wife, Anne, '55, endowed scholarships and a professorship, and he chaired the Tyee Board of Advisors as well as the Tyee Executive Committee for the athletic department. But his reach into the Seattle community went even further. He served on the boards of such companies as Nordstrom and Pabst Brewing but he also played a big role on the boards of the Seattle Sports Commission, Seattle Police Foundation, First Tee of Greater Seattle and Business Council of the Seattle Humane Society. He and Anne could be seen at nearly every UW football, basketball, baseball and volleyball game. Gittinger died March 8 at the age of 81.—*Jon Marmor*

mond, age 79, March 10. • **MARY HOUSER CADITZ**, '58, Sammamish, age 77, Feb. 27. • **CHARLES PETER CURRAN**, '57, Kent, age 81, May 11. • **WILLIAM H. CLEAVER**, '58, Fall City, age 78, March 10. • **RENA BAKER PATERSON**, '58, Oakland, Calif., age 76, Dec. 16. • **GRETCHEN DAVIS HAWKES**, '59, Seattle, age 77, May 3. • **VICKI MARIE HAYNES**, '59, '68, Edmonds, age 77, Nov. 3. • **MARGARET HELEN METZ HENRIE**, '59, Shoreline, age 85, Jan. 27. • **DONALD EDWARD MOLITOR**, '59, Seattle, age 78, Dec. 5.

1960

SILVERT JORAMO, '60, Everett, age 88, September 2013. • **FRANCIS R. MOORHART**, '60, Mission Viejo, Calif., age 94, Sept. 13. • **ALLEN NEMAN**, '60, '70, South Colby, Wash., age 77, Jan. 29. • **LEONARD C. RICHARDSON**, '60, Mountlake Terrace, age 84, Jan. 1. • **MARK WAYNE WEIJANEN**, '60, Seattle, age 77, March 4. • **WILLIAM C. BERLIN**, '61, Anacortes, age 76, March 1. • **MARIE EBERHARDT**, '61, San Pedro, Calif., June 12, 2012. • **WILLIAM CARL KAUFMAN JR.**, '61, Bothell, age 91, March 26. • **GEORGE E. MATTSO**, '61, Renton, age 88, Dec. 28. • **MURRAY A. McLEOD**, '61, Kent, age 82, Feb. 2. • **ROBERT Y. SAITO**, '61, Mercer Island, age 74, Jan. 15. • **ROGER BILLINGS**, '62, Seattle, age 74, Jan. 4. • **WILLIAM RAYMOND MCNAE**, '62, Oak Harbor, age 89, Jan. 4. • **DENNIS C. BRANNAN**, '63, Seattle, age 74, Jan. 1. • **LOUIS EMERSON**, '63, Seattle, age 95, Nov. 15. • **WILLIAM E. MARTIN**, '63, San Diego, age 78, Jan. 30. • **EDWARD J. McDADE**, '63, Seattle, age 80, May 2. • **JAMES S. POMEROY**, '63, Mountlake Terrace, age 73, March 2. • **WILLIAM H. SPERBER JR.**, '63,

Westminster, Calif., March 9. • **ROBERT M. EIBEN**, '64, Lakewood, Ohio, age 91, Dec. 28. • **HILDA MARIE BRYANT**, '65, '69, Stanwood, age 86, March 27. • **DENNIS D. HOSTVEDT**, '65, Bremerton, age 71, Nov. 24. • **FRANK Y. KITAMOTO**, '65, Bainbridge Island, age 74, March 15. • **JACK F. HAMLIN**, '66, Kirkland, age 75, April 1. • **DAVID EDWIN ARTHUR HOLMSTROM**, '66, La Quinta, Calif., age 70, March 5. • **JANET ELLEN (NORTH) OLIVER**, '67, Seattle, age 70, Feb. 1. • **DEAN E. BATEMAN**, '68, Seattle, age 68, March 15. • **MARY ACKER LINCICOME**, '68, Green Valley, Ariz., age 67, Nov. 19. • **EUGENE GARY DONION**, '69, Seattle, age 70, Feb. 18. • **MARY ANN SEDGWICK HARVEY**, '69, Seattle, age 80, Dec. 14. • **RONALD DALE HOWARD**, '69, Centralia, age 66, Dec. 27. • **MONTE EDWARD MINCH**, '69, Kingston, age 67, Jan. 22. • **MICHAEL J. PARKS**, '69, Seattle, age 69, Nov. 7. • **DIANE C. PLUMB**, '69, Kent, age 66, Jan. 7. • **GARY ALLEN RAEMHILD**, '69, '72, Seattle, age 67, March 21.

1970

ROLAND C. ANDERSON, '70, Seattle, age 67. • **KAREN CHINN**, '70, Bend, Ore., age 66, Feb. 18. • **GLORIA W. AVENELL**, '71, Baytown, Texas, age 92. • **DONALD CHARLES BROCKWAY JR.**, '71, Redmond, age 64, April 10. • **ALLEN SHANE FORAKER**, '71, Temple, Texas, age 71, Feb. 17. • **JOHN HOPKINS**, '71, Wickenburg, Ariz., age 67, Nov. 11. • **NICKY HUTTO**, '71, Seattle, age 65. • **MRS. S. APPEL**, '72, Los Angeles, age 96, Jan. 9. • **THOMAS CONNOR**, '72, Seattle, age 91, Feb. 18. • **FRANK EDWARD BUTTS LEDDUSIRE**, '72, Seattle, age 80, Feb. 5. • **MARTIN**

P. OLSEN, '72, Seattle, age 67, April 13. • **DOROTHY F. SMITH PINNEY**, '72, Shoreline, age 78, Dec. 31. • **NANCY L. RISSER**, '72, Seattle, age 65, Feb. 12. • **DAVID K. WHITE**, '72, Sequim, age 62, Nov. 8. • **MARCIA L. ALEXANDER**, '73, Bothell, age 74, Jan. 3, 2009. • **ALICE K. BINGAMAN**, '73, '74, Everett, age 86, Sept. 8. • **FARRELL J. BROWN**, '73, Shoreline, age 68, Jan. 13, 2013. • **JANET ELAINE MULES**, '73, '74, Greenbank, age 79, March 19. • **STEVEN PAUL NAKANISHI**, '73, '77, Chino Hills, Calif., age 62, Nov. 1. • **DWIGHT DAVID NAKATSU**, '73, Bellevue, age 64, Feb. 21. • **STANLEY R. TERRY**, '73, Tacoma, age 67, March 13. • **JOHN R. GELL**, '74, Warrenton, Ore., age 70, Dec. 27. • **DOUGLAS B. HOWARD**, '74, Kenmore. • **MARY RUSSELL**, '74, Menlo Park, Calif., age 61, Sept. 26. • **JOHN VANGEN**, '74, Kent. • **ELROY JAY CARLSON**, '75, Seattle, age 62, March 27. • **WARREN T. RAYMOND**, '75, Spokane, age 91, April 7. • **STEVEN DENNIS SWIFT**, '75, Shoreline, age 61, March 6. • **MARY MARGARET BUCHMEIER**, '76, Bainbridge Island, age 100, Dec. 28. • **MARION JOSEPHINE GESINGER**, '76, '77, Seattle, age 77, Nov. 27. • **PETER L. PANSING**, '76, '81, Culver City, Calif., age 67, Sept. 1. • **WILLIAM B. STROTHMAN**, '76, Bothell, age 62, March 18. • **GEORGE F. CAHILL III**, '77, Bellevue, age 60, March 24. • **JAMES BRUCE POTTER**, '78, Snohomish, age 58, May 6. • **DOROTHY WOODBRIDGE DASH**, '79, Watertown, Mass., age 60, March 27. • **MARCIA DURFEE**, '79, '83, Seattle, age 61, March 31. • **GORDON M. PENIX**, '79, Shoreline, age 85, Feb. 6.

1980

PAULA GAIL GEGAX, '80, Seattle, age 64, Feb. 16. • **CHARLES WINSLOW LEE**, '80, Sammamish, age 59, Feb. 6. • **LUIS RODOLFO POBLETE**, '80, Ames, Iowa, age 58, Feb. 18. • **LISA LANI CHINN**, '82, Mercer Island, age 53, Feb. 23. • **DAN MCCONNELL**, '82, Fife, age 63, Feb. 8. • **MAUREEN ROMANO**, '82, Seattle, age 59, Feb. 12. • **KALANY BENOIT**, '83, Kent, age 54, Dec. 20. • **SHARON MARLENE MERCER GALBRAITH**, '82, '87, Seattle, age 66, Dec. 30. • **BRETT G. ROBERTS**, '84, Issaquah, age 52, March 4. • **LUCIA A. MILTENBERGER**, '85, Claremont, Calif., age 67, Dec. 26. • **MARY ANN STANGELAND**, '86, Auburn, age 51, March 23. • **JOHN KELLY FARRIS**, '89, Seattle, age 47, Feb. 9. • **MICHAEL HEBER THAIN**, '89, Gig Harbor, age 47, Dec. 31.

1990

KRISTINE FELTON BLIK, '90, '96, '11, Newcastle, age 47, Feb. 7. • **MICHAEL J. DUEKER**, '91, University Place, age 50, Jan. 29. • **STEVEN B. LEVERY**, '93, Durham, N.H., age 64, Feb. 4. • **JEFFREY MICHAEL FOLLMAN**, '96, Seattle, age 39, March 11. • **LISA HELENE HALE**, '96, Shoreline, age 49, Feb. 5.

2000

STEVE R. MANDICH, '01, Seattle, age 44, April 17. • **SGT. STEVEN DUANE THORSEN**, '07, Colorado Springs, Colo., age 37, Dec. 22.

2010

JENNIFER J. LEE, '12, Lynnwood, age 28.



HERMAN MCKINNEY 1938-2014

Herman McKinney spent his career as an advocate for diversity and equity in education. In nine years as an assistant dean at The Graduate School, he worked to increase the number of students of color attending the UW. An elder statesman in Seattle's African-American community, McKinney, who received a Master's of Social Work degree from the UW in 1968, also

co-founded The Breakfast Group, a well-known club of African-American male professionals to serve as mentors to young black men who had been expelled from school or were at risk of being kicked out. McKinney, who started his career in banking but soon transferred into social work, spent much of his career helping thousands of low-income people get jobs. In 1993, he was hired by the Seattle Metropolitan Chamber of Commerce to lead a new initiative called the Urban Enterprise Center. At the center, which he ran until 2006, he sponsored public forums and private dinners to talk about race. He also led efforts to get Seattle's business community to invest the city's poorest neighborhoods. "It's difficult to think of anyone who has done more to advance the cause of social justice and civil rights in Seattle than Herman," says Eddie Uehara, dean of the School of Social Work. "He modeled the kind of courage, conviction, optimism and imagination to be a successful agent of social transformation." McKinney died April 11 in Seattle. He was 75.—*Jon Marmor*

Faculty and Friends

HAL AHLSTROM, '57, '59, professor of aeronautics and astronautics, died May 11. He also served as director of inertial confinement fusion at the Lawrence Livermore National Laboratory in California. He was 79. • **ROLAND ALBERTO**, '74, a perfusionist at the UW Medical Center for 38 years, died Jan. 19 at age 74. He was born in the Philippines. • **ALAN D. ALQUIST**, '85, a UW research scientist, died Dec. 29. He was 59. • **ANATOL BRODSKY**, a research professor who immigrated from the Soviet Union in 1989, died Dec. 28. He authored and coauthored six books and published more than 300 articles in leading international scientific journals. He was 86. • **STEPHANIE CAMP**, professor of history and social-justice activist, died April 2. Her book *Closer to Freedom: Enslaved Women and Everyday Resistance in the Plantation South* was considered a landmark in the field of American social history. She was 46. • **WILLIAM LEWIS CLARK**, '61, '67, a UW computer science professor and administrator, died Jan. 4. He volunteered with the National Ski Patrol at Crystal Mountain for many years. He was 78. • **RICHARD DAUGHERTY**, '47, a well-known archaeologist who studied the Makah Tribe, died Feb. 22. After 11 years of excavating Lake Ozette, his team found more than 55,000 artifacts. In the '60s, he worked with U.S. Senators Warren G. Magnuson, '29, and Henry M. Jackson, '32, to enact the National Historic Preservation Act. He was 91. • **BLANCHE BEATRICE RUMBLE DEARBORN**, who worked with the Washington Park Arboretum Foundation for several decades, died Feb. 5. She also worked as a librarian at the School of Social Work Library. She was 94. • **JOE FIREY**, '40, former longtime professor of mechanical engineering, died in December. He held more than two dozen combustion-process patents and served in World War II as a submarine tender in the Pacific. He was 95. • **JAMES DOUGLAS GALLOMORE**, who began working as a biomedical technician for the UW in 1987, died Nov. 25. He was 67. • **WILL G. GILLETT**, who worked in the UW Genome Center and developed Sequence Tiling and Genetic Variation Software, died March 20. He was 68. • **ARTHUR W. GUY**, '55, '57, '66, who served the UW for 37 years as a professor of rehabilitation medicine, died April 20. He directed the Bioelectromagnetics Research Laboratory and was

honored by the International Microwave Power Institute with its Special Award of the Decade (1970-79) for his contributions. He was 86. • **JOHN FARIS HALL**, a founding trustee of the UW's Virginia Bloedel Hearing Research Center and the Bloedel Reserve on Bainbridge Island, died Jan. 29. He was 96. • **KATHERINE FELICIA HANKEN**, executive chef and general manager of 1101 Cafe in the old Terry Hall and founder of the UW's Local Point Restaurant, died Feb. 1. She was 49. • **KIMBERLY HANSON HUGGINS**, who spent 28 years at the UW as a dentistry faculty and staff member who advocated for patients with special needs, died Jan. 20. She was director of Special Patient Care and was an affiliate instructor at the School of Oral Medicine. • **GREGORY G. JOHN**, '49, who during his cardiology fellowship at the UW helped Robert Bruce develop the cardiac stress test that is used worldwide, died May 5. He was 90. • **DAVID LAWRENCE JOHNSON**, associate professor of electrical engineering, was a pioneer in artificial intelligence and computer engineering. He died Jan. 19 at the age of 90. • **KARL D. KRAMER**, '55, '57, '64, who caught in the departments of Slavic languages and literatures and comparative literature for 29 years, died Feb. 19. He taught at the UW from 1970 to 1999 and was an internationally known specialist on Chekhov. He was 80. • **LESLIE MACKOFF**, '53, clinical professor of pediatrics and lover of Husky football, died Jan. 24. He was 88. • **CHARLES EUGENE MITCHELL**, who worked for the UW and was self-employed in hazardous-material training, died Jan. 10. He served with the Marine Corps in Vietnam, where he received three Purple Hearts. Charles retired as a lieutenant firefighter from the Redmond Fire Department in 2002. He was 66. • **SIDNEY MILLER**, associate professor at the School of Social Work, died Feb. 16. He was an airplane mechanic during World War II and worked as a social worker at the King County Juvenile Court. He was 92. • **RICHARD E. NORRIS**, '46, professor in the Botany Department, died July 17. A hallmark of his work is his recognition of the new phylum *Chlorarachniophyta*. He was 87. • **NANCY PEARSALL**, '63, '65, professor of microbiology and immunology for many years, died April 8. She was 86. • **CHARLES EDWARD PHILLIPS**, '72, the first African American student in the UW's MEDEX Physician Assistant training program, died May 4. He was 82. • **GEORGE M. PIGOTT**, '50, who taught in the College of Fisheries' Institute of Food Science for 37 years, died April 6. He was founding editor of the Journal of Aquatic Food Product

Technology. He was 85. • **ROY L. PLEASANT**, '71, former recruitment coordinator of the Office of Minority Affairs & Diversity, died Nov. 2. He was 65. • **GORDON E. PYNE**, '51, '53, professor emeritus of pediatrics, died Jan. 17. He helped establish Sand Point Pediatrics. He served in the Merchant Marines and the Air Force. He was 91. • **LESLIE YALE RABKIN**, clinical professor of psychology, psychiatry and behavioral sciences, died Jan. 7. He was 79. • **BARBARA LOU RICHARDS**, who spent more than 30 years working in the UW dental school's orthodontic department, died May 7. She was 87. • **GLADYS RUBINSTEIN**, a former UW student and major benefactor of the University of Washington Press and numerous Seattle arts organizations, died Jan. 26. She was 92. • **JAMES F. RYAN**, former vice president for business and finance and manager of the UW's Metropolitan Tract Properties in downtown Seattle, died March 3. He was a founding member of the Fred Hutchinson Cancer Research Center's Board of Directors. He was also on the University Bookstore Board of Directors. He was 86. • **ROBERT WILLIAM SIMPSON**, clinical professor emeritus and former president of the King County Medical Association, died Feb. 13. He served in the U.S. Navy during World War II. He was 98.

—The case of the missing Class Notes—

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In Memoriam D. Wayne Gittinger

January 22, 1933



March 6, 2014

We are truly saddened at the passing of our friend, partner and mentor.

Wayne's guidance, humor, kindness and leadership through many years will be greatly missed.

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Justice For All

U.S. Supreme Court Justice Sonia Sotomayor joins a wildly enthusiastic group of students after speaking at The HUB March 10 as part of a book tour for *My Beloved World*, her autobiography about growing up the daughter of poor immigrants from Puerto Rico. Sotomayor—the first Latina on the Supreme Court—talked about growing up in the Bronx, her college experience, the state of politics and how to get more minorities and women in government. “I’m very optimistic,” she said, “about the power of minorities to change the dialogue in this country.” And judging by the message on the video monitor, she was darn good at encouraging dissent.

PHOTO BY RON WURZER (he was standing, too)



Where do all the smart UW alumni go, anyway?

If your biggest retirement worry is where to park your kayak, your problems are solved. Park Shore in charming Madison Park comes with fabulous views and a boat dock! What, no kayak? Skyline at First Hill in downtown Seattle has amazing views and is minutes away from a night at the theater or a Seahawks game. Or, if you prefer the ambiance of an elegant New York-style hotel, make your new home at the historic Exeter House. All three are one-of-a-kind retirement communities operated and owned by PRCN, a local not-for-profit organization and afford you the benefits of luxury condo living, plus a lot more, in Seattle's prime neighborhoods.

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