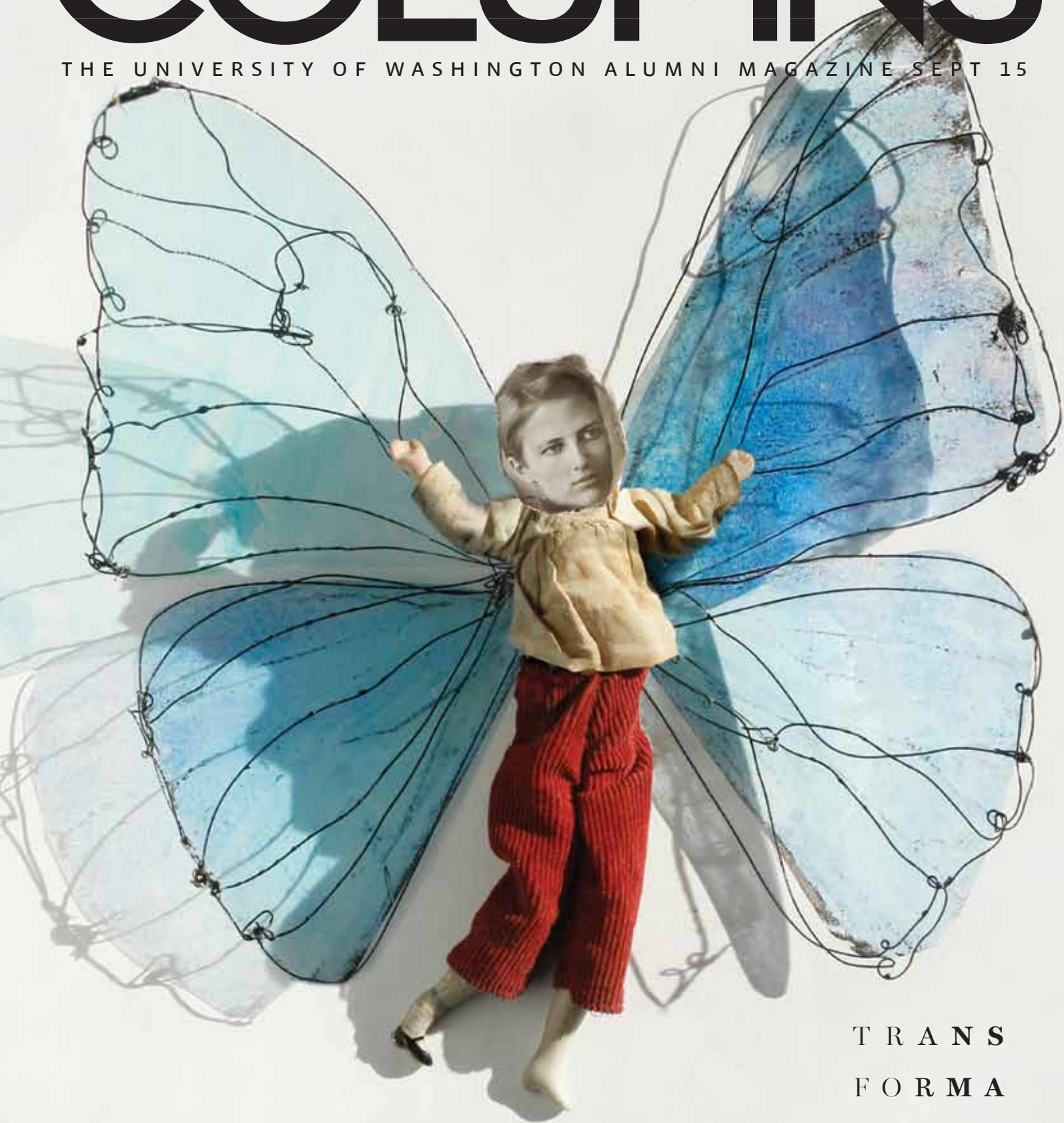


COLUMNS

THE UNIVERSITY OF WASHINGTON ALUMNI MAGAZINE SEPT 15



TRANS
FORMA
TIONS

A man in a dark jacket is sitting on a rocky peak, looking out over a vast sea of white clouds. The sun is rising in the distance, creating a golden glow on the horizon. The sky is a mix of blue and orange.

TW

UNIVERSITY *of* WASHINGTON

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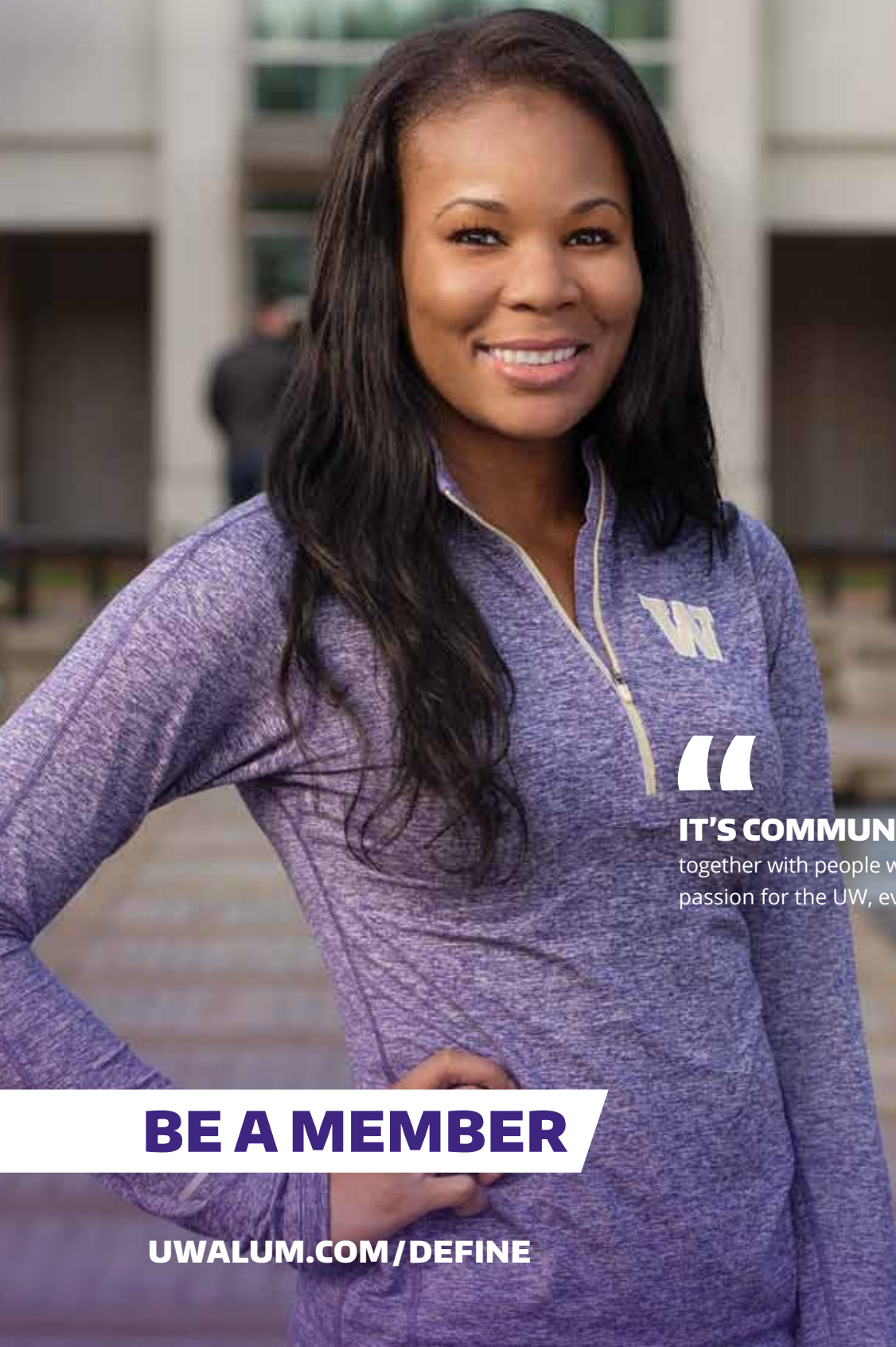
Real Dawgs Wear Purple



These products are made by companies that were born at the University of Washington — started by UW students and supported by UW educational programs.

UWAA MEMBERS

DEFINE WHAT IT MEANS TO BE A UW ALUM



“

IT'S COMMUNITY. I really enjoy getting together with people who share my Husky pride and passion for the UW, even when we're out of state.

GLADYS, '08, '10, UWAA MEMBER

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UWALUM.COM/DEFINE

W
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ASSOCIATION

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Anew

THIS IS NOT A FUDDY-DUDDY COLUMN ABOUT HOW GREAT the old days were in the U District. (By old days, I mean 1991, when I arrived here. Please forgive me if you have been here longer.) It's just that with every passing week, the area becomes a bit more unrecognizable, to me, anyway, what with the construction cranes, the 18-wheelers hauling dirt away and streets blocked due to old things coming down and new things going up.

Don't get me wrong. I am not lamenting most of the changes, although the pounding across the street from our offices at the site of the new Sound Transit light rail station sometimes gets old. Think about it for a second: light rail, which has been talked about forever, is actually coming. Which means that we will be able to catch a train for Husky Stadium or Capitol Hill or downtown or the airport and not have to worry about finding a rare or overpriced parking space. With Sound Transit and new housing and retail going up all over, the UW's neighborhood is growing up and becoming more sophisticated.

But these changes also come with a cost.

Like the closure of Cinema Books, a jam-packed book shop that occupied a glorious hole in the wall adjacent to the Seven Gables movie theater. When we profiled shop owner Stephanie Ogle, '71, '81, in our December 2014 issue, I didn't realize that her shop's days were numbered. The seemingly never-ending construction across the street from her store did her in. That was a one-of-a-kind place. And Stephanie—who earned a Ph.D. in history from the UW and occasionally taught cinema history here—is a gem.

It's no secret that the U District needed some sprucing up; the new buildings, new residence halls (Have you checked them out? Amazing.) and the arrival of light rail are a big help. And the area hasn't lost its soul—thanks in large part to the UW and its alumni.

While we have lost places like Cinema Books, Tower Records and City Greens (the little market at the corner of N.E. 45th Street and 12th Avenue N.E., where you could get your hands on hard-to-find Cox Orange Pippin apples, my favorites), we still revel in the incredible success of the Saturday University District Famers Market. The brainchild of Chris Curtis, '73, the market—first planned for the parking lot adjacent to Radio Shack—has grown into one of the nation's largest, most recognized and locally cherished markets. And not just for the delicious offerings; but for the community spirit it nurtures, too. University Book Store, under the leadership of Louise Little, '81, a fixture at the store and in the community, is our literary soul and a gathering place for everyone. Speaking of gathering places, is there anything as iconic as Husky Stadium, where we are drawn on Saturdays in the fall for great football and great times with friends?

As you will read in this issue, innovation is the new buzzword on campus (and at colleges and universities all over). Innovation is coming to life in the U District. The new amenities will make life better for all of us who live, work or shop here. But let's not forget what we are losing in the process, too. ■—*Jon Marmor*



AMIE KAPPAHI

Jon Marmor
EDITOR

Changing Genders 18

by/ JULIE GARNER

At great personal cost, individuals embracing their true identities have a safe haven at the UW

Redefining Innovation 24

by/ HANNELORE SUDERMANN & PAUL FONTANA

The new dawn of commercializing research at the UW is built on collaboration, education—and service to humanity

Masters of Dance 30

by/ SHEILA FARR

Thanks to the UW, retiring dancers can move into a new career: mentoring the generation waiting in the wings

A Literary Century 34

by/ DEANNA DUFF

UW Press owes its enduring success to the practice of one simple philosophy: telling stories

Web

More Nifty Fifty

See photos from the 50th reunion of the McMahon Hall alums who gather annually.

Oral History

Explore the South Asian Oral History Project, an example of a crucial digital resource compiled by the UW Libraries that was partially funded by the Kenneth S. and Faye G. Allen Library Endowment, which is highlighted in this issue's Hub section.

The Ski Amigos

Read more about the exploits of the UW's 1936 Ski Team and three remaining members.

Supporting Self

Watch a video produced by UWTV that explores a transgender student's experience at the University, and the resources available to him.

[UWalum.com/columns]

Cover

Transformation is what the UW is all about. Our graduate dance program, for example, transforms performers into teachers and leaders in the artistic community. UW Press, with its focus on the West, improves our understanding of the region. Whether it's a student finding his or her true self on campus, or ideas springing to life in a laboratory or a classroom, changing and ultimately taking wing is at the heart of the University.

ILLUSTRATION BY POLLY BECKER

TITANS OF TRANSFORMATION

Many of the improvements in civil rights and social change we know today in Seattle and at the UW arose from the relentless efforts in the 1960s and '70s by four men from diverse racial communities: Larry Gossett, '71, Roberto Maestas, '66, '71, Bob Santos and Bernie Whitebear. Their story is told in the new book *Gang of Four: Four Leaders, Four Communities, One Friendship* by Santos and Gary Iwamoto, '75, '78. They not only changed the Seattle area through their campus and community activism, they formed lifelong friendships. In this photo from the 1970s, Gossett, Estela Ortega, and Maestas rally at El Centro de la Raza on Beacon Hill. Photo courtesy El Centro de la Raza.

COLUMNS

The University of Washington Alumni Magazine
September, 2015

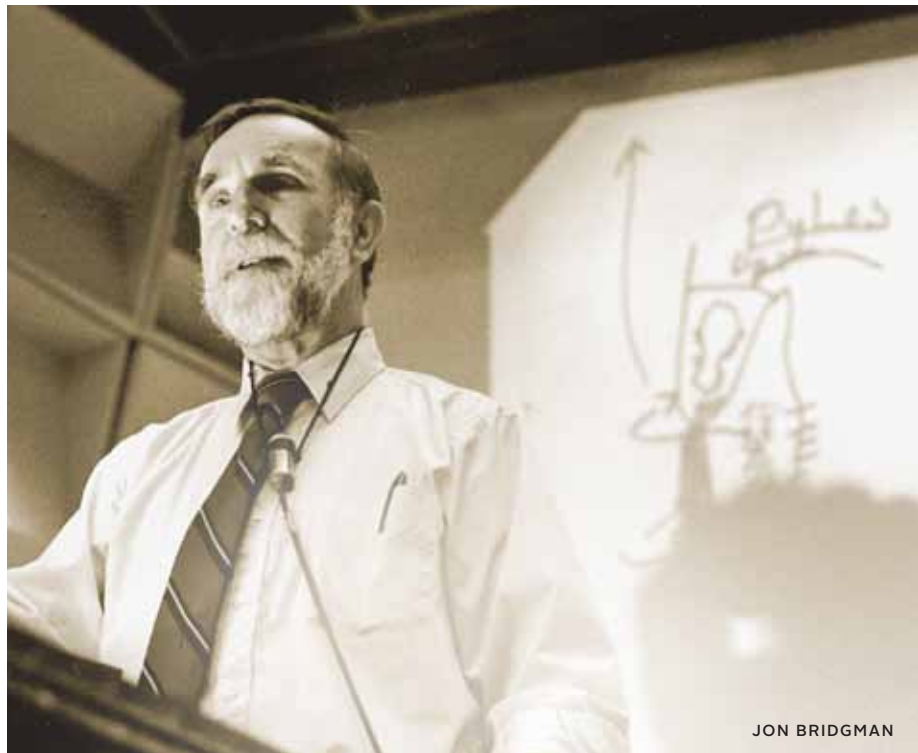




ONE READER'S TWO CENTS:

I always will remember him with fondness and warmth as a man who truly loved history but loved his students more.

—Douglas Kallerson



JON BRIDGMAN

DAVIS FREEMAN

Best Professor Ever

★✉★ Robin Lindley's tribute to Professor Jon Bridgman (*In Memory, June*) took me back to his course during the late 1970s on Germany's Nazi era (1933-1945). His detailed dissection of Hitler's contradictions and the Nazis' cruelties, his command of telling detail, and his exacting, searing passion have remained with me ever since, most notably 30 years after that quarter in Professor Bridgman's classroom when I was invited to teach at Lublin Catholic University in Poland. As my hosts took me to Auschwitz and other death camps, I was accompanied by Jon Bridgman's sense of irony and historical justice.

Bruce E. Johansen, '72, '79
University of Nebraska at Omaha

★✉★ I am saddened to hear of the loss of a great man. He was a friend to me when I was a history undergrad when I was at the UW in the early '80s, and perhaps the UW's Best Professor Ever! We used to walk around campus and talk about the U.S. Navy. I had served on a destroyer and Professor Bridgman had served on a destroyer during World War II as a young ensign. He told stories of battles in the Pacific and the time he got to 'drive' the ship. He had an 'accident' driving the ship for his one and only time. I always will remember him with fondness and warmth as a man who truly loved history but loved his students more. *Go mbeannai Dia Duit!* (translated from the Irish language—it means May God bless you).

Douglas Kallerson, '87
Columns Online

Welcome Home

★✉★ Good article (*Rising from Hallowed Ground, June*). I was a student at the U when the Black Students Union took over President Odegaard's office. It was an exciting moment for educational equality on campus. The establishment of the Intellectual House was long overdue and I'm glad it finally arrived. As a history major, I learned that history wasn't solely the property of decedants of white Europeans. Is there anything on campus that highlights the contributions of Japanese and Chinese immigrants who help develop our wonderful home of Washington State?

Al Hultengren
Columns Online

★✉★ I, too, remember the days of mid-'60s to mid-'70s where advocacy came vigorously to life. It's wonderful to see the long-held dreams of inclusion and recognition of all peoples in the makeup of our communities and planet.

Patrick Nooney, '71
Columns Online

Sly Spy

★✉★ Loved your story about Bob Schaller (*The Surgeon, The Spy and the Missing Plutonium, June*). As a surgical resident at the VA in 1967-68, Bob was my senior resident and we all were supposed to show up at 7 o'clock for rounds. On one occasion, Bob didn't show up and we called his home. His wife answered and said that he had received a phone call in the middle of the night and he had left. We asked where he went and when he would be back, and she responded that she didn't know. When he did finally return, a month or so later, all we found out was that he was "working for the CIA." Many years later, when that phase of his "work" was done, I was told that this CIA work had been "in lieu" of military service. Supposedly, when he finished the residency, he was drafted, to which he responded, "No, I did this government work, and here is the certificate of my service signed by a general." The

draft board responded, “That general doesn’t work here any more.” So Bob did two years at Lewis-McChord!

Duane S. Bietz, '72
Portland, Ore.

Stress Buster

★☒★ Thanks for the timely article on mindfulness (*Mind, June*). Professor (Emeritus) Richard E. Berger might also be mentioned as someone who has promulgated and offered courses in mindfulness. Mindfulness, along with a variety of self- and other-awareness techniques, has been an important part of UCONJ 531 (Mind-Body Skill: An Experiential Elective). The course, aimed primarily but not exclusively at Health Sciences students, has now run for 10 years. Among the goals of the course are decreased stress and increased empathy. Based upon student reflections, the course has been extremely successful. UCONJ 531, which has limited enrollment, is taught entirely in small groups. Beginning in the 2015-16 academic year, the course will be chaired by Professor Craig Scott.

Frank F. Vincenzi, '60, '62, '65
Professor Emeritus, Pharmacology

★☒★ I am a firm believer of the benefits of mindfulness, having participated in a nine-week study myself. The story was inspiring! I work with a population that has substance-abuse issues and it gives me hope that perhaps they could benefit, too.

Linda Carey
Columns Online

A World of Good

★☒★ This is a note to tell you what a wonderful job Kelly Huffman did in putting together the three travel experiences (*Soulbound, June*). These UW Alumni Tours expertly organized by Pauline Ranieri and her staff not only provide the traveler with an outstanding edification of a country but often a splendid opportunity to look into the lives of the people that occupy these lands in a very personal way. This can turn into a post-trip adventure as exhilarating as the trip itself as pointed out in these published experiences. Congratulations on the article and congratulations to Kelly Huffman for her journalistic expertise. She is well on her way to be a superstar in creative writing.

Al Jones, '63
Columns Online

Legal Age

★☒★ I always read *Columns* cover to cover. I think Deborah Bach missed a “teachable moment” in her article (*Weed, June*). She used stats from recent UW research pointing out such facts as “57 percent of parents do not know the legal age for recreational use” in an article about the need for drug education. The article failed to educate the readers with this information. Wasn't that the point?

Dorinda Sundberg, '99, '07
Columns Online
[Editor's note: See below]

Renaissance Man

★☒★ Thank you for your article on Norm Dicks' (*Norm Dicks, Retired? You Must Be Joking, June*) receipt of the 2015 Alumni Lifetime Achievement Award and his current activities. As well as Congressman Dicks' significant accomplishments outlined there, many people may not realize the important role he had in protecting the arts, the humanities and historic preservation during times when their support at the federal level was being seriously challenged. As a member, and later chairman, of the House Subcommittee for the Interior and Related Agencies, he was very helpful not only in voting for funding for the National Endowment for the Arts, the National Endowment for the Humanities and other cultural agencies, but also by convincing many of his colleagues in both parties to do the same. Congressman Dicks always appreciated hearing how these agencies helped local museums, schools, colleges and universities in their missions. He has been honored and



NORM DICKS

recognized by Humanities Washington, the Federation of State Humanities Councils, the Civil War Preservation Trust, and several arts organizations for his strong support of their work. As well as being a former UW football star, a champion of the military, Native American tribes and the environment, Congressman Dicks is a Renaissance Man who understands the importance of cultural resources in the life of our nation. Thank you, Norm, for your great service to our country!

Karen Hanson (Munro) Ellick, '65
Former board chair, Humanities Washington

Aida's Aria

★☒★ Author Aida Solomon (*I, Too, Am America, June*) was the leader in a group of students who were taking us on the 52 Strong Pilgrimage in March—ending in Selma, with eight stops before—to hear from foot soldiers who were in the Civil Rights Movement 50 years ago. Aida sang us through the South and into the “racism” that still exists in Mississippi, but she proudly explained her passion for the work at the Winter Institute. Aida was leading the elders in song and lifting our hearts throughout our days together, and we were all blessed by her lovely voice—in words, but most especially in song. Congratulations on your graduation. We will look for the next chapters of your story!

Carol Hamilton
Columns Online

★☒★ Don't you think this article should have identified the title as the last line of Langston Hughes' poem *I, too*?

Gerald F. Schroedl
Columns Online



AIDA SOLOMON



We promise, we were not under the influence when we edited the *Weed* story in the June issue. But we erred during the process. According to the original piece: “The legal age for marijuana use in Washington is 21. Adults can possess up to one ounce, and homegrown pot is prohibited.” No brownies for us.

Inspired, Entertained, Enraged? Good. Tell us about it in a letter or email.
Email letter to—columns@uw.edu (Letters to *Columns* may be edited for length and clarity.)
Mail letter to—*Columns* Magazine, Campus Box 359508, Seattle, WA 98195-9508
Thanks for stirring the pot.

Welcoming the Class of 2019



ETIZABETH LOWREY

In a few weeks, more than 8,000 first-year students will arrive on our three campuses, beaming with enthusiasm and wonder. It is an exciting time, for them and for us, as they begin their next life chapter as college students.

Their excitement serves as a welcome reminder of our great responsibility to provide all our students with a UW experience that helps them unlock their potential and prepares them well for their futures.

Washington and the world need these learners—and more than 75 percent are Washington residents. They are our future doctors, business and government leaders, philanthropists, entrepreneurs and social change agents. Data from the U.S. Bureau of Labor Statistics tell us these students can expect to change jobs an average of ten to fifteen times over their lifetimes. Many will eventually develop a career in fields that do not yet exist.

Four years from now, they will enter an economy where more and more hiring managers are looking for both hard skills—the ability and know-how to perform specific tasks and think critically to solve problems; and soft skills—the capacity to get along interpersonally, communicate persuasively, and collaborate across disciplines and cultures. To ensure our students excel at both, we clearly must be focused on the crucial elements of a “degree and more,” the combination of comprehensive and specific analytical and interpersonal skills to help students utilize fully their academic, social and extracurricular experiences for the “real world.”

Fortunately for today’s students, they join the UW during a time of institution-wide transformation to integrate these important connections. We call this the Husky Experience.

Led by Interim Provost Jerry Baldasty, the Husky Experience systematically addresses how the UW approaches student services and engagement to attract and develop outstanding, diverse students in academics and in life.

The Husky Experience fosters each student’s growth in areas from leadership and career planning, to cultural understanding, community engagement and public service. We give students the encouragement to take risks and pursue their passions, and we help them connect their skills and experiences to their life and career objectives. This fall, for example, a new cohort of returning undergraduates is developing their leadership skills as orientation leaders for new students.

Our commitment to our students and to innovation is evident in opportunities across the UW. One of those is the new Maple Hall, which opens this month and is more than a residence hall. Built into its communal spaces is Area 01, an interdisciplinary learning place where students can dream, innovate and responsibly create. Area 01 features four labs—3D printing and prototype construction, sound and music recording, video production, and digital and analog gaming—where students can explore their passions as they discover their purpose.

Maeve Harris, a freshman majoring in civil and environmental engineering, says she is excited to use the 3D printing capability to design and test blades and airfoils to help discover new renewable energy sources. The labs and the community in Area 01 will be a place for Maeve and every interested student to test ideas, get peer and leadership feedback, and discover alternative ways to achieve their goals.

Innovation and entrepreneurial ideas are spurred by creativity, curiosity and discovery, qualities that lie at the heart of our research and scholarship. Our undergraduate experience is exceptional, in no small measure because of our focus on innovation—last year 7,000-plus undergraduate students participated in research—and certainly because the Husky Experience is creating a network of support for students to prepare for lifelong success.

Please join me in a warm Husky welcome to the Class of 2019. Opportunities abound for this diverse class of individuals, who together will soon become a community—our community. Their future is truly boundless—and boundary-less. And because of them, Washington’s and the world’s future is bright.

ANA MARI CAUCE, INTERIM PRESIDENT



COLUMNS

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[FOUNDED IN 1908]

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Volunteering

DYNAMIC DUO

Every autumn, the UW honors those dedicated volunteers who, no matter what else is going on their lives, always seem to be working to make the University a better place. In addition to presenting the Gates Volunteer Service Award (see P. 45), the University, the UW Alumni Association and the UW Retirement Association are honoring two individuals who bleed purple and gold: Susan Wilson Williams, '73, and retired faculty member and administrator Alvin Kwiram.

SUE WILLIAMS

UWAA Distinguished Service Award

Anyone who knows Sue Williams will tell you that the UW is part of every facet of her life. Known for supporting the UW's mission and for inspiring her fellow alumni, she provided spirited leadership on the UWAA Board of Trustees, serving as its president from 2011-2012. She also volunteered for the UW Alumnae Board, raising money for student scholarships. She has been a host to UW Alumni Tours adventures around the world. And she wrote a series of e-newsletter articles about University of Washington history and places to visit on campus. You get the picture. "I love being a loyal lifetime Husky and returning often to our beautiful campus. I am so proud to have given my time and efforts to support the UW's mission and inspire alumni by going the extra mile," she says. "It's wonderful to carry the torch for a while in honor of my family's UW legacy and for students of the future."

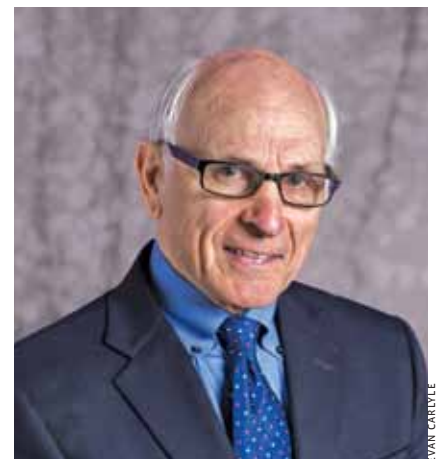


LA VIE PHOTOGRAPHY

ALVIN KWIRAM

*UW-UWRA Distinguished Retiree
Excellence in Community Service*

He's been retired for eight years, but if you think Alvin Kwiram has just been sitting around, you're wrong. Kwiram, vice provost for research emeritus and professor emeritus of chemistry, works nearly as hard in retirement for the benefit of the UW as he did when he was active faculty. After retiring in 2007, he led the drive to establish the UW's Clean Energy Institute. Kwiram also served as co-chair for campaign development for The Graduate School during the last major fundraising drive. That effort netted approximately \$13 million. When asked about the time and energy he has devoted to service, both before and after retirement, he responded in a typically self-deprecating manner: "It may be partly pathological. But I grew up in a context in which service to the broader community was valued and encouraged."



EVAN CARLYLE

Carlo Torrella

Senior
Physics Major
Diehard Sousaphonist

Torrella joined the UW's 240-member marching band in 2011. It has been one of the most demanding experiences of his life. But "I'm so glad I did it," he says. He describes the sousaphone section, made up of 16 to 20 students, as one of the goofier: "We like to have fun."

Band is not a hobby; it's a life.

We put so much time into it. Practice is Monday, Tuesday, Thursday and Friday. On game days, we have to be ready four hours before kickoff. And then after the games, we have fifth quarter where we perform as people leave the stadium. And then there's sixth quarter, where those of us over 21 finish our band duties and then play for the tailgaters.

I've been playing the tuba

since 6th grade and sousaphone since high school. It's the same fingering and same notes most of the time. It's just rolled up in a circle so you can wear it rather than flipped on itself.

I'm so happy I chose band over football. I have been this size since 9th grade, but I couldn't do both.

I always planned to be in the Husky

Marching Band. It was one of the reasons I applied to the UW. At tryouts, I was so scared. I knew absolutely no one. The section leader said that if I just practiced some of the band pieces, I would get in. But then I froze and played a bunch of bad stuff. They must have needed me. There were three of us trying out and all three of us got in.

My sousaphone weighs 40 pounds, the older ones about 45. And most people don't realize that marching band is really physical. We always have sore backs and sore knees. You know you're going to put

Ouch!
CONTACT FROM
GAME ACTION
DURING
APPLE CUP

some wear and tear on the body. And when you hold the weird positions, your body doesn't so much ache, it sort of sweats.

If my sousaphone had a name,

it would be Jaydon Mickens. He's the Husky wide receiver who was trying to catch the ball at last year's Apple Cup. He was a good step or two out of bounds when he took a late hit from a Cougar. I was standing on the sidelines right where it happened and Mickens bumped into my sousaphone. That's why it has a big dent. WSU got a penalty and a bill for repairs.

We have about 20 standard tunes

and dozens of others when we are in the stands and half-time shows. Lately we've been performing Lady Gaga and [Taio Cruz's song] *Dynamite*. But one of my favorites is *Africano*. I know it's funny. It's old. Earth, Wind and Fire.

It's just a wild song that the band has been doing for decades.

One of the hardest tunes is

Bow Down to Washington. It's not like most fight songs, which are in a 4/4 march. *Bow Down* is a 6/8 time signature.

And we have a lot of different versions.

The hardest version is called *Bow Special*.

It's twice as long and we play it when we spell out "Huskies" in script on the field. You have to be confident when you're marching like that or you'll run into someone and throw everyone off.

You spend so much time together,

you're like a family. Then every year, new people come and others leave. You are friends with everyone ahead of you and everyone behind. Ninety-nine percent of the band members who graduate are all sobbing at the last home game. I probably will be, too.

As told to

HANNELORE SUDERMANN

Photo by

RON WURZER

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UW Medicine Virtual Clinic.

uwmedicine.org/virtualclinic

UW Medicine
VIRTUAL CLINIC



AUL ALLEN'S CULTURAL AND PHILANTHROPIC imprint on the Northwest is huge, but the UW is the beneficiary of the only endowment he has established.

UW Libraries is celebrating the 25th anniversary of the Kenneth S. and Faye G. Allen Library Endowment. Originally valued at nearly \$10 million, the endowment was established by the Microsoft co-founder in honor of his father, Kenneth, '51, who served the University as Associate Director of Libraries from 1960 to 1982. The endowment was renamed—and funded with an additional \$3 million—upon the death of Allen's mother, Faye, also a lover of books and libraries, in 2012.

The gift has been a transformative one. The fund ostensibly supports the programs and collections of the University Libraries, but according to Lizabeth (Betsy) Wilson, Vice Provost for Digital Initiatives and Dean of University Libraries, it provides a “margin for excellence” and the freedom to be nimble or even experimental. “It has allowed us to be out in front in the transition from being a primarily analog library to being a leader in digital libraries,” she says.

The endowment has also been a huge boost to the Libraries' global collections, some of which are considered among the world's finest. Not only does the fund allow for acquisitions, it also pays for regular international travel so UW librarians can establish relationships with booksellers in far-flung places, such as Uzbekistan, Iran and Japan (pictured are recent acquisitions by Japanese Studies librarian Azusa Tanaka).

From *The Complete Works of Voltaire*, to the streaming collection of World War II-era newsreels, to funding employment for recipients of the McKinstry Fellowship that supports librarians from underrepresented communities, the cumulative mark of the endowment is indelible. “I don't know where we'd be without it,” says Wilson.

Far-Flung Fellows

EVERY YEAR, 14 UW STUDENTS are handed an opportunity to be formed and informed through travel. No academic study. No research. The Bonderman Fellows have eight unencumbered months abroad and about \$20,000 of support to follow their interests and curiosities. David Bonderman, '63, had a profound experience abroad after graduating. Twenty years ago, the businessman and philanthropist established the fellowship to ensure UW graduate and undergraduate students could make similar discoveries.

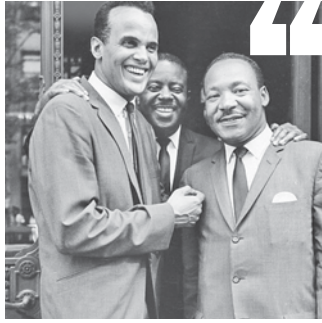


A new “door” to southeast campus opened this summer with a land bridge connecting the Montlake Triangle—a patch of land in a high-traffic area—with the UW's Rainier Vista corridor. When John C. Olmsted drew plans for the 1909 world's fair site (which later became the UW's main campus), he designed the vista—a grand promenade featuring an unobstructed view of Mount Rainier. Once the new University Link light-rail station opens in early 2016, 25,000 people each weekday will be able to easily and safely reach campus, Husky Stadium and the UW Medical Center.

TUITION

**That's right.
A tuition reduction.**

The Washington state Legislature lowered tuition statewide by 5 percent for the 2015-16 academic year and, for the UW, by 15 percent for the 2016-17 year for a total savings of \$2,094 per student. It may be the second time UW tuition has ever been lowered. “In 1933, quarterly tuition was reduced from \$15 to \$10 but it rose again to \$15 in 1934,” says Carol Diem, Director of Institutional Analysis for the State Office of Planning and Budgeting. Washington is the only state in the nation to roll back tuition at all its public colleges and universities over the next two years.



“BRING IT ON. DISSENT IS CENTRAL TO ANY DEMOCRACY”

—HARRY BELAFONTE

Singer Harry Belafonte is coming to the UW in October to talk about history and racism from his personal perspective. In the 1950s, Belafonte rocketed to stardom as a Calypso singer and movie actor. However, he is also widely known for his work as an activist for social justice and his contribution to American public life. Belafonte was a good friend of Martin Luther King Jr. and became immersed in the civil rights movement in the 1950s and '60s, using his fame to raise money and draw attention to the struggle. This Graduate School lecture Tuesday, Oct. 6 at Meany Hall is part of a series titled “Equity & Difference: Keeping the Conversation Going.”

BRAIN TRUST

The NFL has given the UW \$2.5 million for a new Sports Health and Safety Institute. With an initial focus on concussions and traumatic brain injury, the institute will educate doctors, teachers, parents, coaches and athletes and work to ensure no athlete returns to the field prematurely. Choices made immediately after a concussion could mean the difference between recovery and permanent injury. Every year in the U.S., 173,000 children visit the ER for sports- and recreation-related head injuries.

Taking Root in Spokane

A new outpost

for the UW has opened its doors in Spokane. Once a city visitor's center on Main Street, the 2,600-square-foot space suits myriad uses, not the least of which is to be a resource for alumni, future students and their families.

“The University of Washington is the university of all of Washington,” said Interim President Ana Mari Cauce during the June grand opening, attended by a lively mix of city officials, local business leaders, health care practitioners, alumni and other local guests. “This center represents the University’s commitment to be connected with the entire state, particularly with those communities east of the Cascades,” she added.

Catherine Brazil, '90, is leading the University’s community and government relations for the region. In the months since the center’s opening, Brazil has noticed a little more purple around town.



GIRLS ONLY Scattered throughout the ground floor of Alder Hall, clusters of 10- to 15-year-old girls perch on beanbag chairs and pore over their laptops. The campers are among the first in Alexa Café, a summer tech program for girls featuring courses in coding, electrical engineering, game design and web design. The camp is offered by iD Tech—whose co-founder and President Alexa Ingram-Cauchy, '93, and CEO Pete Ingram-Cauchy, '95, are graduates of the Foster School of Business. Learn more: alexacafe.com

High Fliers

“Let’s flap.” The 20 adults in the room obediently flapped their arms and when nothing happened, in the face of their leader’s enthusiasm for winged flight and all things avian, began flapping even harder in the vain hope of soaring. This lofty encouragement comes from Connie Sidles, master birder and instructor for *Where Do Birds Come From?*, a class offered

by the UW Botanic Gardens. “Are we getting lift off? No! We’re not getting liftoff. We are not adapted to fly,” she says. It was disappointing to stay earthbound and non-birdlike in the face of

Sidles’ passion for her subject. For

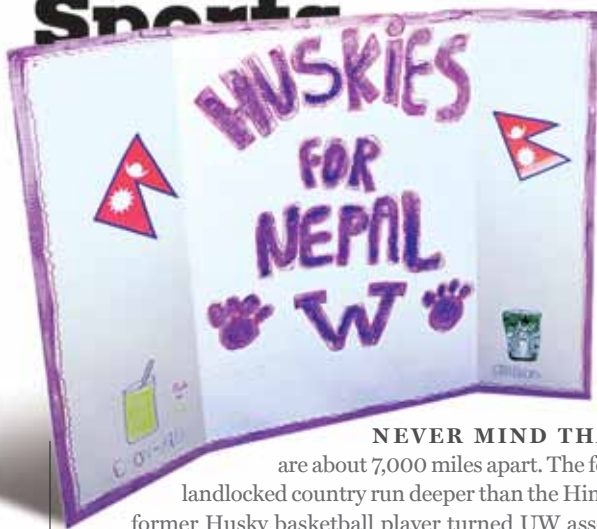
anyone who doesn’t give much thought to the birds with which we share a planet, her talk was a guaranteed eye-opener. One reason birds can fly is because their bones are hollow and light. “Put your hand on your breast bone. What a pitiful excuse for a breast bone. That’s why you can’t fly,” she explains.

Birds evolved from dinosaurs. “We think the earliest feathers were like bristles and very simple,” she says. When birds developed their wings, they paid a big price. “They gave up hands and four legs,” says Sidles.

“Next time you see a bird in your garden, think about all those dinosaurs,” she says. “I saw little warblers today and it was easy to imagine myself in primeval times.”

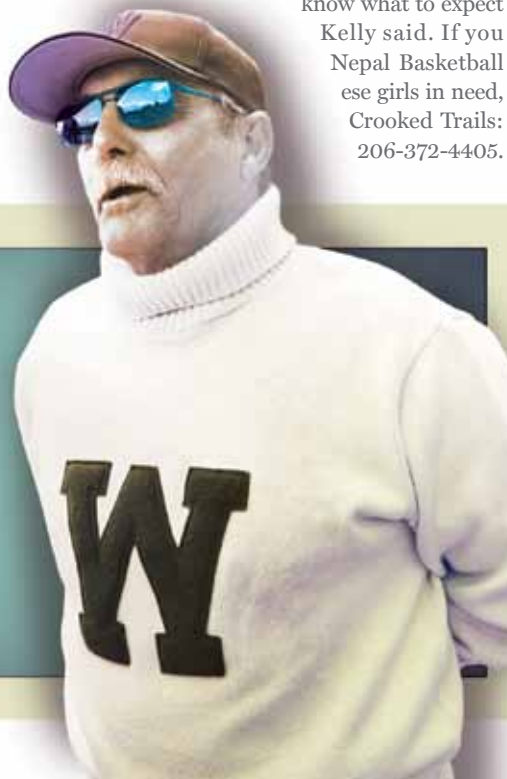
Sidles went on to talk about bird colors, bill shapes and measurements, and food habits. For example, it takes raptors a really long time to eat a rat. And a varied thrush sounds like a souped up robin.

The UW Botanic Garden offers many classes and programs to the people of the region from the very young to the most seasoned horticultural pro.



THE CALL OF NEPAL

NEVER MIND THAT NEPAL AND SEATTLE are about 7,000 miles apart. The feelings Shannon Kelly has for that landlocked country run deeper than the Himalayas are tall. In 2010, Kelly, the former Husky basketball player turned UW associate athletic director for donor relations, and her wife, Chris R. Kirchoff, adopted their 5-year-old daughter, Orion, from Nepal. They plan to return to Nepal in November so Kelly, '96, can run a basketball camp for Maiti Nepal, a local NGO that raises money to rescue and provide safe havens and support to thousands of Nepalese girls who are trafficked into brothels of India. (At the camp, Kelly won't just teach basketball, she will donate old Husky jerseys and basketball shoes.) But in April, a 7.8 earthquake devastated Nepal. Kelly and Kirchoff felt compelled to help so they raised \$10,000 in three days for earthquake relief. "We're a little anxious because we don't know what to expect because of the earthquake," Kelly said. If you want to sponsor the Maiti Nepal Basketball team to help out the Nepalese girls in need, contact Chris MacKay at chris@crookedtrails.org or 206-372-4405.



ERNST EARNS IT

Getting into any kind of hall of fame is difficult. But the case of Bob Ernst is a real head scratcher. For 41 years, he has coached UW men and women, and won eight national titles and a gold medal in the 1984 Olympics. Finally, the Collegiate Rowing Hall of Fame saw fit to induct him. Ernst, '79, about to begin his ninth season as the women's coach, guided the Huskies to a fourth-place finish in the 2015 NCAA championships.

“Gordy loved his hometown Wilbur (★ CENTRAL ★ WASHINGTON) and his Huskies. He would also want you to know that he shot a hole in one in 1973 with a 4-wood at Mount Si.”

From *The Seattle Times* obituary of Gordon W. Green, '50, who died July 3 at the age of 89. Green served the Athletic Department as publicity director, event director, ticket manager and assistant athletic director under football coach Jim Owens.

GIVE ME FIVE



IT'S NOT NORMAL

Michael Callahan, '96
MEN'S CREW COACH

Led his team to a record fifth straight IRA National Championship, and six in his eight years at the helm.

1

YOU'VE WON FIVE TITLES IN A ROW. WHAT DOES THAT DO TO YOUR TEAM ?

When winning isn't unique, many guys don't find winning to be motivational because it's almost as if it is something that is expected rather than something you are striving for. For this reason, culture- and process-related goals have become more important than success-related goals.

2

HOW MOTIVATING WAS THE LOSS TO CAL IN THE REGULAR SEASON ?

We needed to have some tough conversations and the Cal loss helped us make them productive. Looking back, I see the loss as a catalyst for change.

3

HAS SUCCESS CHANGED RECRUITING ?

Years ago, we had to convince recruits that UW was a place where they could win. Now, Washington Rowing is intimidating and scary for many recruits. Our job is to find the guys who are willing to accept that challenge of joining a team as successful and talented as us. This is not a normal college experience.

4

WHAT ABOUT THOSE WHO MAY NEVER MAKE IT INTO THE FIRST BOATS ?

These guys are often the beating heart of the team and their effort and attitude is one of the things we are most proud of here. We find that the culture at the bottom of the team is as important, if not more important, than the culture at the top of the team.

5

DO YOU EVER HAVE TIME FOR A LEISURELY SCULL RIDE OF YOUR OWN ?

I don't row too often anymore but when I do, I row a George Pocock cedar single with matching oars. It's beautiful.





POETIC LICENSE

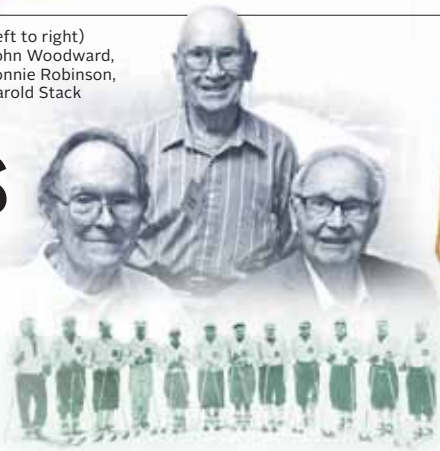
In 1892, the story goes, UW students were locked in a hot debate over school colors. An English instructor named Louise Frazier suggested a popular Lord Byron poem in which a king attacks like “the wolf on the fold,” his soldiers “gleaming in purple and gold.” The students seized upon the colors and ended the debate. This leather pennant (circa 1910) captures the school colors, and a bit of the drama. (From the collection of Ray Cardwell) PHOTO BY RON WURZER

The Ski Amigos

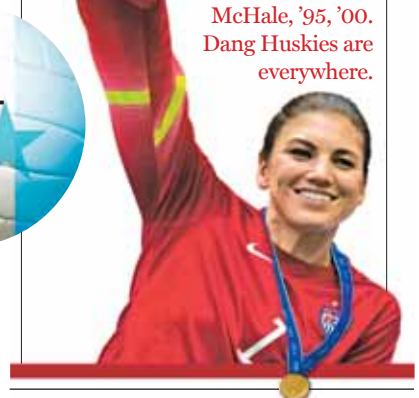
Was it the mountain air?

There's got to be a reason three members of the UW's 1936 Ski Team just hit the century mark. The trio recently met to celebrate the 100th birthday of Harold Stack, '37. Lonnie Robinson was there and recalled fleeing Germany after the 1939 Nazi invasion of Poland. And John Woodward, '38, a spry 100, was there, too. He trained WWII ski troops who fought in Italy. He managed the UW's ski shop and became a partner in Seattle's Anderson and Thompson Ski Company.

(left to right)
John Woodward,
Lonnie Robinson,
Harold Stack



WOW!
She's the best keeper in the world. She proved it again by helping lead the U.S. to the 2015 Women's World Cup. A two-time Olympic gold medalist, Hope Solo, '04, allowed just three goals in seven matches. Solo and her teammates were named the Best Team at the 2015 ESPY Awards, an event hosted by another Husky, former rower and football player Joel McHale, '95, '00. Dang Huskies are everywhere.



MATT HAGEN (2)

YEVGENIA NAYBERG

The names in the Husky Hall of Fame are legendary: Buchan, Colella, Ihlanfeldt, Lude, Moon. But several honored stars have nicknames.

WEE
KIT
DOC
TRISH
HEC
TIPPY
TUBBY
TORCHY

Do you know their real names?
Don't peek—but the answers are to the right.



THE BIG BANG

Gordon McAllister was a big shot when he was a student here 60 years ago. In 1955, the four-year letterman of the UW's smallbore rifle team won the Northwest Intercollegiate Rifle Championship. A three-time All-American, McAllister, '55, led the Huskies to three Northwest titles and won the national NROTC championship. No wonder he's in the Husky Hall of Fame.

TEAM USA VOLLEYBALL

Thanks to four Huskies, the U.S. women's national volleyball team was busy kicking butt this summer. With setter Courtney Thompson, '05, and libero Tamari Miyashiro, '09, on their side, the U.S. captured the FIVB World Grand Prix final in Omaha by routing China in straight sets. Meanwhile, another U.S. team featuring outside hitter Krista Vansant, '15, and setter Jenna Hagglund, '10, routed Brazil to win the FIVB World Grand Prix finals at the Pan American Games in Toronto.



Wee: William Coyle—Football, Baseball & Track and Field (1908-11) **Kit:** Catherine Green—Administrator (1960-95) **Doc:** Alfred Strauss—Football & Baseball (1902-03) **Trish:** Patricia Bostrom—Tennis (1969-72) **Hec:** Clarence Edmundson—Track and Field (1919-54) **Tippy:** William Dye—Basketball Coach (1951-59) **Tubby:** Dorsett Graves—Baseball Coach (1923-46) **Torchy:** Roscoe Torrance—Baseball (1920-22)




Terra

AGE: 20

Returning to UW this fall as a junior with the goal of earning a degree in nursing and public health

QUOTE: "I felt I was different from my peers. I blamed this mindset on my racial background, along with experiencing the awkward stages of puberty and teenage angst."

A photograph of a person's hands clasped in prayer on a paved surface. The person is wearing a blue denim jacket and a white wristband. The background is a dark, textured pavement with some cracks.

BY
JULIE GARNER
PHOTOS BY ERIN LODI

TRUE TO SELF

The soul of Terra Hoy is shining these days as she embraces her transition from being male. As she and others in the UW community know, changing genders is fraught with challenges—emotional, physical and societal.

He grew up eating sun-ripened berries and playing in forests. Mickey Balderas also played football and golf in high school, joined Future Farmers of America and the art appreciation club. In his senior year at Chimacum High School, he served as editor of the yearbook and co-editor of the student newspaper. He also earned college credit through the Running Start program.

On the outside, Balderas was a well-adjusted teen leading a conventional life. But it wasn't the whole truth. From early childhood, he experienced gender dysphoria, the chronic psychological and emotional distress of never feeling comfortable with the gender with which he was born. By the time he was 14, he had changed his first name to reflect the truth of his transgender identity. By 18, he was giving himself weekly testosterone injections.

Being a transgender man is one part of who Mickey Balderas is. A Jewish Studies major at the UW, he left for Israel in July to spend a year studying at the Conservative Yeshiva in Jerusalem. He plans to return to finish his degree at the UW, where he has found friends as well as resources and support for his transition.

Balderas is one of a number of individuals from the UW community—students, faculty, staff, alumni—who are transgender or searching for their true gender identity. “My ultimate goal is to go to rabbinical school and become a military chaplain in the U.S. Army,” he explains during an interview at a University District coffee shop. In July, the Pentagon announced that it will review its policies barring transgender people from the military and will remove this barrier to service in the armed forces. “If it doesn't,” Balderas says, “I'll be happy and do good work as a hospital chaplain.”

For the most part, Balderas has been fortunate. “I had a pretty masculine presentation at a very young age. There wasn't pressure from the community to be more feminine,” he says. Because he applied to college as a female, he did receive mail from sororities. He worked on formally changing his gender on his University records when he got to the UW.

Balderas lived with his grandparents during high

school. When he came out to them as a transgender man, they were supportive, asking only that he keep his family's last name. However, one uncle, with whom Balderas had been extremely close, frowned on Balderas' transition from female to male.

“He dragged his feet on (accepting) my gender identity,” says Balderas, 26. “I was annoyed, but I had a lot of compassion because I had had a very consistent gender identity from a young age. I had a clear understanding, but I didn't begrudge him taking his time. Families can be caught off guard; they need time to mull it over.” It took his uncle several years to adjust.

It's important to distinguish gender identity from sexual orientation, explains Balderas. Gender identity involves a person's sense of being female, male or something else. While former Olympian Bruce Jenner's transition to Caitlyn Jenner opened the conversation nationally about what it means to be transgender, she is an anomaly because she is a public figure with deep pockets. It takes money to get counseling, hormone therapy and surgery, money that many transgender people simply don't have.

“Being transgender is very expensive. I have access to privilege because of my parents, which is not the case for most folks. Your wardrobe has to be changed. You have to pay to change your name, for a new passport, for doctor's visits out of pocket,” says Emerson Sekins, '08, '13, a transgender man and activist who works for Washington Access Fund, a small Seattle agency that serves people with disabilities.

In 2012, Sekins' insurer denied medically necessary transition-related care, meaning he had to pay \$7,500 out of pocket. Ultimately, he was finally reimbursed just under \$1,900 in June 2015. This low reimbursement was because Sekins had to pay an out-of-network provider to receive care. He says this is one of the biggest issues with transgender insurance coverage today.

“There are very few providers in-network [who provide care to transgender people], so people have to pay up front and out of pocket, and even with coverage they are often only getting pennies on the dollar,” says Sekins. This is starting to shift because insurance carriers are contracting with doctors who will provide the care.

Insurance coverage isn't the only problem transgender people encounter in the health care system. Stephanie Page, associate professor in the UW Department of Medicine, is an endocrinologist who treats transgender patients at Harborview Medical Center. “We can't fail to recognize that there are many transgender people who have been refused treatment from a provider for medical problems that don't even relate to gender identity,” she says. “It takes courage for them to go to the doctor again.”

Most transgender people are prescribed hormone treatment—testosterone, testosterone blockers or estrogen—that they will need to take for the rest of their lives. While some transgender people choose to have sex-change surgery, others do not. Surgery isn't so much about cutting away unwanted features or adding desirable ones. It's more about aligning a person's outside with what they feel inwardly to treat their gender dysphoria.

Page says the transgender community is ostracized, and that many transgender people are dealing with poverty, health issues and social challenges. “Other risk factors include sex work, incarceration, being disenfranchised, feeling stigmatized and lots of drug and alcohol use. Access to health care is a huge problem,” she says. Fortunately, that's not the case at Harborview's clinic on Madison Street near downtown, where many transgender people—especially those with HIV infection—go for care. Of transgender women worldwide, there is a 20 percent prevalence of HIV, according to Page.

Media reports estimate that there are 700,000 transgender people living in the U.S. But there is no data to verify this. Whatever the number, staying safe is a huge concern for transgender people.

“Transgender women, especially transgender women of color, are at risk for violence interpersonally and from strangers. The way trans people are murdered is not subtle. It's bludgeoning and it's awful,” says Sekins. At a White House briefing on trans women of color, it was pointed out that in the first two months of 2015, eight transgender women were brutally murdered. Most were under 30 and of color.

The National Center for Transgender Equality and the National Gay and Lesbian Task Force conducted a survey in 2011 of more than 6,000 transgender people. Forty-one percent of those surveyed said they had attempted suicide. Then, there is the increased risk for bullying, sexual assault and job loss. In July 2014 President Obama signed an

An estimated 700,000 transgender people live in the U.S.

60 students a year seek counseling at Hall Health Mental Health Clinic for transitioning genders

41% of transgender people attempted suicide*

Only 18 states (including Washington) protect people from being fired for transgender identity

A portrait of Mickey, a young man with short brown hair, wearing a red kippah and glasses, smiling slightly. He is wearing a red t-shirt. The background is a blurred outdoor setting.

Mickey

AGE: 26

Attending the Conservative Yeshiva in Jerusalem with the goal of becoming a military chaplain for the U.S. Army

QUOTE: "Families can be caught off guard. They need time to mull it over."

executive order prohibiting transgender discrimination against federal employees, but only 18 states (including Washington) extend the same protection to their citizens.

Not only is Washington more progressive than most states, its flagship university is known among the transgender community as a kind of safe harbor. “The University is generally a very progressive place and I am grateful to be in a place where there is this acceptance of anyone LGBTQ,” says Terra Hoy, 20, who is making the transition to female and took a gap year to deal with the emotional roller coaster common for those undergoing the process. “I wasn’t a student this year because of my mental health,” she says. Hoy will re-enter the UW this fall as a junior with the aim of earning a degree in nursing and public health.

Hoy says throughout her adolescence, she had a feeling of uneasiness. “I felt I was different from my peers, different not just in the color of my skin, my ethnic background [Hoy is Cambodian; her parents fled during the genocide of Pol Pot], or even my questioning of gender roles. I blamed this mindset on my racial background, along with experiencing the awkward stages of puberty and teenage angst,” she says.

The issues Hoy faces include everything from medical bills to safety concerns, employment and bathroom breaks. Finding gender-neutral restrooms is a big issue for transgender people. “Suddenly, making it through the day is more challenging by tenfold. And I consider myself one of the lucky ones,” she says.

Balderas adds, “I feel very positive about my experience at the UW as a transgender student but I also have a lot of privilege around it and maybe a kind of naiveté because I never acted as a female in the campus setting.”

While being transgender is central to identity, it isn’t the whole story of who a person is. “It’s always tough to make the adjustment, but people know me and I haven’t fundamentally changed,” says Sekins, 29. “I’m still a history dork who enjoys puns.”

The UW’s Q Center, which is celebrating its tenth anniversary, welcomes students, staff and faculty who are transgender or in the process of transitioning. The Q Center opened when students approached the UW’s then president, Richard McCormick, about the lack of safe spaces on campus for queer students. “Without the Q Center,” Sekins says, “my experience would have been

vastly different. It was a place on campus where you could talk about your experiences with other people.” Balderas also credits Delta Lambda Phi, a fraternity for sexual minorities that has had a presence at UW since 2001, for giving him support. “It’s a very strong fraternity with robust programs,” recalls Balderas, who served as president of the chapter.

Jen Self, ’05, ’10, director of the Q Center since its inception, says she has seen the language and students’ understanding of gender change rapidly over the last five years. “People’s ability to connect has really improved because of the Internet. Students find community in ways they never could before,” she says. Self reaches out campus-wide to work on problems facing transgender students. For example, two big issues plaguing transgender students are finding gender-neutral bathrooms and housing. Michelle Primley Benton, administrator for North Campus and Diversity for the UW Department of Food and Housing Services, says that next year the UW will broaden gender-neutral options for housing to include all of the new residence halls on west campus as well as Haggett Hall, which has provided gender-neutral bathrooms and living quarters for several years.

When a young person is juggling college life, work, academic challenges and social pressures, transitioning to a new gender identity can be especially stressful and confusing. About 60 of these students each year seek out counseling from Ryli Webster at the UW Hall Health Mental Health Clinic. Webster says that in the past 10 years, she has seen things change for the better. “There was a lot less acceptance in families. Some of this could be regional. Families can be a lot more accepting on the West Coast,” she says.

Another challenge is that someone who enters the UW with a name, say, Michael, and then transitions to Michelle, may find herself “outed” when a professor calls roll. UW staff is working on giving students an easy option to change gender on University forms. The larger problem transgender students face is changing gender on federal financial aid forms.

Not all the transgender people in the UW community are students, however. Roberta Dalley, a UW faculty radiologist and transgender woman, has worked at the UW for 26 years. She transitioned in 2011. “I have to give a lot of credit to Norm Beauchamp, professor and chair of radiology. When I came out to him in 2010, his first words were, ‘How can I help?’” says Dalley. “I have never had anyone be purposefully malicious or make negative comments to me. I am saying this from the standpoint of economic and professional privilege because I am a physician and I am white,” she adds.

Danni Askini, a transgender woman who is executive director of the Transgender Justice League in Seattle, has taught an elective class with Dalley for about 35 UW medical, nursing and social work students over the past two years. They learn what’s involved in making the transition to another gender and how to care for transgender patients.

More than a year ago, the Washington state insurance commissioner issued a bulletin saying all plans had to remove gender exclusions and extend transgender coverage. Beginning Jan. 1, 2015, coverage had to be provided for mental health care and hormone treatment. Surgery benefits were slated to begin this past July. Even if surgery is covered, there is another problem: There are very few surgeons who are experienced at changing genitalia. None practice in Washington state.

Plus, Dalley says, “Just because it is covered doesn’t mean the insurance companies won’t deny it. Transgender care is new coverage and it’s not going well right now.” Medicaid is considering adding this coverage. The key to the insurance commissioner’s bulletin is based on parity, meaning if insurers pay for mastectomy for breast cancer, they must pay for it for transgender men.

For transgender women, especially, the outward presentation is vital. The question of appearance can be one of life or death—Askini has been beaten so badly, she has been hospitalized several times, once when she was recovering from chemotherapy treatment. Maybe Stephanie Page, the Harborview endocrinologist, sums it up best: “People need to open their minds about this and not stigmatize transgender people for the choices that they make. By being tolerant and open-minded, we can all be contributors to society. There is no role for hate in anything we do.”

■ —Julie Garner is a Columns staff writer. To learn about UW transgender research, read the story online at UWalum.com/columns

Here to Help

Q Center / 206-897-1430

Delta Lambda Phi Social Fraternity / Dlp.Org/Psi/

Hall Health Mental Health Clinic / 206-543-5030

Student Counseling Center / 206-543-1240

Samuel E. Kelly Ethnic Cultural Center / 206-543-4635

*Source: 2011 survey of 6,000 transgender people conducted by National Center for Transgender Equality & National Gay and Lesbian Task Force

19% of transgender people report being refused medical care because
of their gender-nonconforming status*

2% of transgender people have been violently assaulted in a doctor's office*

As of January 1, 2015, insurance coverage in Washington state had to be provided to
transgender people for mental health care and hormone treatment



Emerson

AGE: 29

Activist for Washington Access Fund,
a small Seattle nonprofit that serves
people with disabilities

QUOTE: "I haven't fundamentally
changed. I'm still a history dork who
enjoys puns."

A microscopic view of various cells, likely from a biological specimen, showing different shapes and colors (red, blue, yellow) against a white background. The cells are scattered across the page, with some overlapping. The word 'Mind' is superimposed in large black letters, with 'THE NEW' in smaller white letters inside the 'M'.

Mind

THE NEW



Isolette

TURNING RESEARCH INTO BETTER LIVING IS THE GOAL OF UW'S INNOVATION IMPERATIVE

In the 1970s,

UW nursing professor Kathryn Barnard discovered that premature babies gained weight and developed faster if they were rocked and could hear the sound of a heartbeat. The findings, which ran counter to the convention of protecting preemies from everything, including sound and motion, revolutionized neonatal care and led to the creation of the Isolette incubator. Barnard's innovative line of inquiry and findings changed how parents and nurses approach babies' early sensory stimulation. She showed that nurturing and contact are vital for these tiny beings to develop and thrive.

In higher education the notion of "innovation" is more often tied with spinouts, tech transfer and commercialization agreements. That's not how the UW is defining it, says Vikram Jandhyala, UW's first Vice Provost for Innovation. Beyond the widget, app, or technology that could be turned for a profit, innovation is a mindset, he says. "It's something for the benefit of human kind. It's how we can actually leverage the best of the university's creativity to impact the real world outside of campus."

One of the most significant UW innovations took place in the 1980s when biology professor Benjamin

BY HANNELORE SUDERMANN
& PAUL FONTANA

Hall discovered a method for using yeast to produce engineered proteins. He and researcher Gustav Ammerer used that method to help develop a vaccine for Hepatitis B. It was the world's first genetically engineered vaccine against a human disease.

Licensed to the UW, the technology they created brought in more than \$300 million in revenue. That money has allowed the University to offer early stage grants to researchers and recent graduates to create businesses out of their own research.

Over his career at the UW, Akira Ishimaru, '58, pioneered wave propagation. His work, which explains how waves like light or sound move through oceans and atmospheres, has led to the creation of tools like ultrasound, laser surgery and instruments for astronomy.

And Linda Buck, '75, a Nobel Prize-winning biologist, clarified how the olfactory system works from smell to nose to brain, and followed the process to find connections to conscious thoughts and emotions.

In the 1950s, Wayne Quinton, '59, led the UW's medical instrument shop, creating more than 40 medical devices like the Scribner shunt, which made outpatient kidney dialysis a reality. He also built the Bruce Treadmill, which was first used in medical settings to diagnose cardiac disease and later in homes for personal health.

Following in the footsteps of Hall, Quinton, Ishimaru and Buck, today's UW researchers and their students are focusing on problems across disciplines including human health, criminal rehabilitation, the environment and education.

What Barnard understood with premature babies, Jandhyala now sees with innovative ideas and fledgling efforts. Whether it's to launch a company, save more lives, change a community, or protect the environment, all these efforts need to be nurtured in order to thrive.

"There are so many amazing ideas here at the UW," says Jandhyala. "Add to that the fact that greater Seattle is having a huge innovation boom, and my job is to figure out how can we connect to that."

The new vice provost looks down the coast to learn a few lessons. Stanford is the most technologically innovative university, says Jandhyala. "But here in Seattle, we're different and broader. We have the opportunity and potential to be such a leader, but we can also be inclusive. It's not just high tech. It's social equity, the environment, education, human health, and so many other things. We here in Washington can be more." ■ —HS

Profile **Vikram Jandhyala**

UW's First Vice Provost for Innovation

The CoMoti

FOR HIS FIRST SIX YEARS AT THE UW, VIKRAM JANDHYALA

had no idea that the University helped faculty and students commercialize their ideas. And he was head of the Applied Computational Engineering Lab in Electrical Engineering. Less than a decade later as University of Washington's first Vice Provost for Innovation, Jandhyala has a mandate of doing that, and more.

While the UW is known for its groundbreaking research, it has not been perceived as spry or supportive in leveraging the expertise of its faculty. Chris DeVore, a veteran investor and adviser in the Northwest tech community, describes the longtime model offered by the UW Office of Commercial Licensing as being primarily "interested in maximizing economic yield to UW," a position that sometimes fostered an adversarial relationship with entrepreneurs.

But then in 2009, the University established the Center for Commercialization, or C4C, under the leadership of entrepreneur Linden Rhoads. It went a long way to rehabilitate this image and resulted in the rapid acceleration of patents and startups. A record 18 spinouts launched in 2014.

More than a year ago, the University's leaders decided to appoint a Vice Provost of Innovation to further break down barriers between academics and innovation and "to nurture and support a culture with an innovation mindset in every field of study, whether business and engineering or social work and the environment," says Interim President Ana Mari Cauce, who was provost at that time.

Jandhyala was "an obvious choice" for the job, adds Cauce. The faculty trust him as one of their own, as do the region's entrepreneurs and tech leaders. When he learned of the job from the provost, Jandhyala couldn't pass it up. "It was really attractive," he says of the job. "I'm a generalist. I want to find common themes across disciplines. I want to use the lean startup model and support social work, health breakthroughs, and work with the environment."

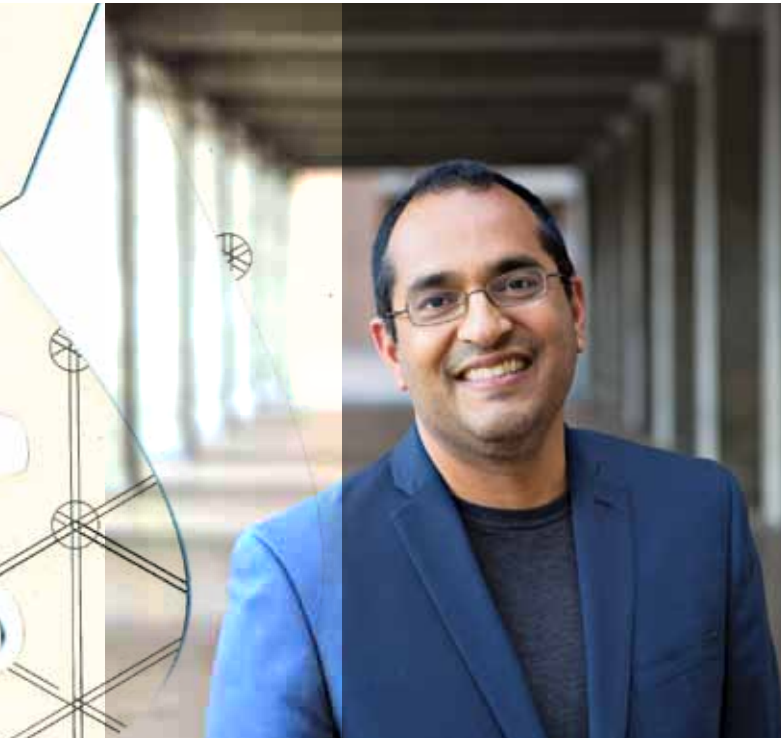
The son of two physics professors and a graduate of the prestigious Indian Institute of Technology, Jandhyala was primed for a career in a university setting. But as a graduate student at the University of Illinois, he saw how research and industry could be connected. After graduate school, a short stint in the private sector at Ansoft honed his appreciation for applied research. "The lab was collaborative at Illinois, but everyone was working on their own thesis," he says "At [Ansoft] everyone had to work together to make the company succeed."

Coming to the UW in 2000, Jandhyala developed a team of talented graduate students and obtained funding from the National Science Foundation, the Defense Advanced Research Projects Agency and the semiconductor industry, ideal conditions to run projects like a company would. "For us, the best way to test ideas was to put into the real world and work with early customers," he says.

One of those projects—cloud-based electronic design simulation—earned enough customers and funding to prompt Jandhyala to take a

on Commitment

By Paul Fontana



JANDHYALA

three-year leave to found Physware (later renamed Nimbic) with six of his students. He remembers the excitement of buying the first table for their Bellevue office for \$60. “We bought it, set it up, and it broke immediately.” The next significant table was for Ping-Pong, which turned out to be an essential resource for the whole office.

While seeking funding for the startup, Jandhyala met his future wife, Suja Vaidyanathan, ’97. An engineer with a Harvard M.B.A., she was working with a Seattle-based venture capital firm that became one Physware’s first investors. They now have two sons.

Serving as both CEO and chief technology officer of his company, Jandhyala quickly learned that marketing, networking and customer service were no less important than the quality of the technology. That lesson resonated upon his return to the UW in 2009, particularly as he was named chair of electrical engineering in 2011.

The centerpiece of Jandhyala’s new role is CoMotion, a rebranding of C4C in more than name alone. Beyond incubating new companies, Jandhyala wants CoMotion to be a highly visible collaborative hub for faculty and students. Though CoMotion does not offer a curriculum of

its own, it does encourage and promote hands-on, project-based learning, particularly for undergraduates. “From the moment a student steps foot on campus as a freshman,” says Jandhyala, “we need to figure out how we can get them connected to like-minded innovators.”

Head of Product Design & Development Mike Clarke, who started at C4C in 2010, has noticed a shift: “I have a lot more engagement with students, especially undergraduates, and with parts of the UW community that weren’t in touch with our unit before (or hadn’t even heard of it).”

Beyond reshaping the student experience, Jandhyala envisions turning the University District into a technology hub. A first step is the recent opening of Startup Hall, a space on the ground floor of a building on Campus Parkway just a few blocks from Red Square. The joint effort of the UW Office of Research and CoMotion provides early stage companies office space and access to funders and mentors. Chris DeVore, whose startup accelerator Techstars is housed in the building, sees the U District becoming “the most interesting neighborhood in Seattle.” It should be one that grows organically over time akin to the business district that has grown around MIT in Boston’s Kendall Square. It would be a counterpoint to the rapid, and monolithic makeover of South Lake Union’s tech hub. “South Lake Union is a business win,” says Jandhyala, “but it’s not clear that it’s a societal win.”

As he invisions it, the city of the future not only uses smart technology, but solves real-world problems. The innovation mindset should not be limited to computer science, engineering or business majors. Inclusivity—whether in terms of discipline, race, gender or wealth—is not just the right thing, but also the optimal environment for finding creative solutions, says Jandhyala. “The creative energy of a team,” he notes, “is directly proportional to the amount of diversity on that team.”

A polymath who can communicate complex ideas, Jandhyala is well suited for the role of intellectual matchmaker. His relationships with Urban@UW, an effort to leverage the University’s resources to improve the well-being of cities, Startup Hall and the region’s technology industry would seem more than enough for him to juggle, but he will broaden the scope and infrastructure of innovation here. “One of the things I appreciate about Vikram as a leader is that he didn’t just come in with a goal of making things work more efficiently,” says C4C’s Clarke. “He came in with a vision for doing many new things. He thinks very differently about what our unit is, and the new direction is compelling.”

Jandhyala’s approach is partly a product of his curiosity. “Once you have a Ph.D., you can still learn new things in other areas,” he says. He admits he would probably be thinking of developing his next startup if he had not taken on this role as a leader for innovation university-wide. His recent experience in the business world makes it clear that only total commitment will suffice in making a new venture succeed. After reflecting for a moment on the trajectory of his new job, he quickly concedes that for partnering in innovation, “CoMotion is my startup.” ■

Innovation at the UW occurs across disciplines, as well as in how the institution is run and how students are educated. Many of the innovations may move into the greater community as new businesses, new approaches or practices for human health, or new efforts for social or environmental good. Here are a few examples of innovation in action.

Action ITEMS

When he was a probation officer, the teens he worked with “liked nothing better than to get loaded and rip people off,” says J. David Hawkins of the School of Social Work. He wondered whether programs like “Just Say No” and D.A.R.E even worked. Now we know they didn’t, he says. On a long-term project with 12 communities (including South Seattle and Birmingham, Ala.), Hawkins and colleague Richard Catalano have created something that does. The 24 towns participating in Communities that Care have seen a 33 percent drop in tobacco and alcohol use in their teens, and similar declines in risky sexual behaviors. The children they reach at an early age continue healthier behaviors through adulthood. They tailor the program to each community’s risks and strengths and focus on teaching young children social skills like impulse control and empathy.

Shyam Gollakota captures energy out of thin air. TV, radio, and digital signals carry enough energy to power simple devices, says the computer scientist. His battery-free devices use antennae to send and receive signals over a distance of up to 20 meters. They could be put to use in sensors that would communicate if, say, a bridge’s structure has been compromised. Regions around the world that lack reliable electricity, but have strong cellular reception, could benefit. In 2014 Gollakota was one of the *MIT Technology Review*’s “35 Innovators Under 35.”

“Are you squeamish about blood?” asks Nathan Sniadecki, a UW mechanical engineer who is leading a team focused on blood clotting tests. Twenty-five percent of trauma patients have some sort of blood clotting issue, whether it is natural or due to medication. But during a traumatic event, they’re often in no condition to explain their medical history. In the time it takes for current tests to provide results (up to an hour), the patient could potentially bleed out, says Sniadecki. “We’re making a device that quickly measures people’s clotting ability, using a very small volume of blood to do it.” The new instrument can quickly show if there is a clotting issue, and whether it’s with the patient’s plasma or platelets. The research came from Lucas Ting’s Ph.D. project and is being spun out into a business called STASYS.

Now a phone can diagnose sleep apnea. Instead of an expensive and extensive overnight exam in a hospital, individuals can upload an app that turns a smartphone into a sonar system to track breathing patterns. The ApneaApp was tested on patients in the sleep clinic at Harborview Medical Clinic and found to be 98 percent as effective as a hospital examination. Computer science Ph.D. candidate Rajalakshmi Nandakumar developed this tool with computer scientist Shyam Gollakota and neurologist Nathaniel Watsen.

Sociologist Katherine Beckett approaches crime as a cultural issue. Her students recently presented a study on the growing number of Washington prisoners (now one in five) serving life sentences. Her Law, Society & Justice students discovered inconsistent sentencing for the same crimes, a profound lack of parole review, and a need to help recently released inmates reintegrate into society. Beckett and her students hope the state will use their findings in reforming its criminal justice system.

Computer scientist Shwetak Patel leads the UW’s Ubiquitous Computing Lab on projects to harvest power from variations in temperature, use humans as antennae, and use cell phone cameras to judge jaundice in newborns. The 2011 MacArthur Fellow is intrigued by human-computer interactions, especially in creating easy and elegant systems that are low-cost and simple to install and use. ■—HS

FLUKE HALL

IT ALL STARTS HERE

On a break from his startup, the jeans and T-shirt-clad Matt Ferguson, '11, slips into the bright-windowed break room on the third floor of Fluke Hall at the CoMotion Incubator.

As he adds ice to his coffee, he explains that he and the other co-founders of LodeSpin Labs are refining a medical imaging technique that may be safer than X-Rays or CT scans. Their company, founded in 2010, spun off from research they undertook as Ph.D. students in the UW materials science lab of company co-founder Kannan Krishnan.

The proximity to UW's medical community and to Krishnan's offices is ideal, says Ferguson. And the hall itself has provided the founders a base as they develop their product and look for investors. "The people here have really helped us, simplifying our access to key resources and materials," he adds.

Half concrete and contemporary, half brick and wood paneling, Fluke Hall today blends life sciences and computer technology, labs and offices, invention and investment. Built in 1988, the three-story structure on the east edge of University of Washington's Seattle campus started out as the state-run Washington Technology Center, but in 2012 became the UW's building. A \$28 million renovation provided office and laboratory space for new companies to evolve out of UW's research and labs. "It's really a whole ecosystem around the innovation efforts at the UW," says Vikram Jandhyala, Vice Provost for Innovation.

Many of the founders of the building's new companies are recent graduates or University scientists and engineers. A few receive support from the University's CoMotion Innovation Fund, garnering between \$40,000 and \$100,000 to bridge the gap between academic effort and early outside investment.

The list of businesses that have incubated in Fluke Hall is sizable, and the mix surprising. Zwitter, for example, makes ultrathin coat-

ings that are resistant to microorganisms and unwanted molecules. AnswerDash helps online businesses answer customer questions more quickly and correctly. Seattle Sensor Systems makes portable instruments that detect pathogens, toxins and allergens.

But perhaps the most lively lab is VICIS, a collaboration between UW doctors, scientists and engineers to create a football helmet specially designed to reduce the forces that cause concussion. The standard helmet design currently in use hasn't really been updated since the 1970s. For the work, VICIS received \$500,000 this year from the NFL, Under Armour and GE's Head Health Challenge, and about \$2 million in pledges and support.

With about 20,000 square feet of laboratory and office space, the incubator can accommodate up to 25 small companies. Fifteen are currently making use of the building's labs, offices and support resources. Four have recently "graduated" to larger facilities.

In addition to serving as safe harbor where UW spin-offs can manage the challenging early period of starting a new company, the incubator helps the first-time business owners through a steep learning curve and broad need for resources. The CoMotion program brings in entrepreneurs to advise the startups. It also helps with intellectual property management, marketing strategy and licensing support.

Something is happening in every corner of the hall, from the confetti of Post-it notes covering the floor of the office zone, to the wet and dry laboratories and the CoMotion MakerSpace where students, faculty, and staff can, simply put, make stuff. The "makers'" resource, which opened last March, provides dry erase boards, wood-topped worktables, discrete rooms for meetings, sewing machines, hand tools, soldering stations, circuit boards and 3D printers.

"We purposely set it up to be attractive to a wide and diverse set of students," says Patrick Shelby, '04, director of Innovation Programs at CoMotion. "There may not be a startup or IP [intellectual property] that develops as a result of this, but it is a way to foster and encourage innovation." ■

Last summer, high up in a Bellevue office building's bright conference room, leaders from the UW, Microsoft Corp., and China's Tsinghua University announced a novel partnership. They will train a new generation of innovative scientists, technicians and entrepreneurs.

The Northwest-based tech giant pledged \$40 million to fund the Global Innovation Exchange, or GIX, and the two universities pledged to create a 15-month master's program to be housed in Bellevue, about eight miles from the UW campus in Seattle. A degree program in technology innovation will connect students and professionals in a pioneering project-based environment, pairing them with teachers, researchers and industry mentors to work on real-world issues in health, the environment and energy.

"So many of today's challenges can't be solved by one discipline alone," said UW interim president Ana Mari Cauce, explaining the impetus behind the endeavor. "True innovation comes from breaking down silos and bringing together thinkers and doers from a wide range of disciplines, and from academia and industry."

Beijing-based Tsinghua University is one of China's elite, producing some of the country's leading computer and materials scientists and engineers. The school also has a private arm that runs businesses that spin out from the research and advances of the university.

Tsinghua president Qui Yong, speaking in Mandarin, told the room that he saw this as a chance to cultivate global talent and operate across boundaries to solve problems related to the environment, resources and health.

Microsoft's general counsel Brad Smith came up with the idea for a collaborative educational program several years ago, recognizing UW's central role in the innovation economy in the Northwest, much like Stanford's in Silicon Valley. Aside from allowing students to work with mentors in the industry, this effort creates opportunities for global interaction, all the while bringing together academia, private industry and nonprofit organizations.

Two more schools and several other businesses may soon join the GIX program. Early focuses will include life sciences, smart cities, and the "Internet of things"—involving communication from machine to machine or from sensor to machine. While it will start on the UW's Seattle campus, the school is slated to move into its own building in Bellevue's Spring District by 2017. The first class of up to 35 students will start in the fall of 2016. The number of GIX students is expected to grow to 3,000 by 2025. ■

by Hannelore Sudermann



T

BY SHEILA FARR
PHOTOS BY STEVE KORN

Museum
of
Modern
Dance

Chamber Dance Company's 25th Anniversary

In a lofty

upstairs studio at Meany Hall,
a stager and an assistant are
strapping a dancer into her costume:

Two 7-foot poles attach to her forearms, then insert into the diameter of a 60-yard circular gown of glowing Chinese silk. It's day one of Chamber Dance Company rehearsals for Loïe Fuller's 1896 movement and light spectacle *Lily of the Nile*. The dance will transform that puddle of silk into a spellbinding miasma of blossoming clouds and rivulets that appears to flow as effortlessly as a river. For the dancer, however, the solo is a relentless four-minute burn of her biceps, triceps and rotator cuff muscles. She has just been okayed to get back into costume because, as the stager put it, "Her arms have turned pink again."

Dance is a body-taxing profession; the shelf life of dancers, like star athletes, is notoriously brief and unpredictable. A sudden injury can take out a performer by age 30 or even earlier. Rare is the dancer who still can earn a living on stage past 40. But then what?

When professor Hannah Wiley initiated the University of Washington Dance Program's master of fine arts degree in 1990, she saw it as a lifeline for artists: a place where professional dancers could continue to perform while gaining skills and credentials for the next phase of their careers. Thus was born Chamber Dance Company, a performance arm of the M.F.A. program, where the experienced dancers perform from a vast catalog of modern choreography.

Twenty-five years later, the UW's unique training program influences dance education across the country. Alumni serve on the faculty at such prestigious institutions as Bard College, Bryn Mawr, Vassar, McGill, Reed, the University of Utah and Cornish College of the Arts. Betsy Cooper, a performer who came to UW for her M.F.A. in 1997, served as director of the UW dance program for 12 years and then became a divisional dean in the College of Arts & Sciences. She recently moved to Manhattan to chair the dance department at Hunter College.

The UW has not always stood out as a model of dance education. In fact, through the 1960s, modern dance was housed in physical education while ballet classes were offered through the School of Drama. There was no dance major. Classes were held in a makeshift studio in the old campus armory building, upstairs from the rifle range.

But the University got a jolt in 1965, when a compact firebrand of a dancer named Ruthanna Boris came to town. A native New Yorker, she had been one of choreographer George Balanchine's first American students. She performed in the 1935 debut season of his American Ballet and danced under his direction until 1942, when she joined the touring Ballet Russe de Monte Carlo. Hip surgeries ended her stage

career in the 1950s and left her walking stiffly, with canes. She carried on for a while as a choreographer before moving to Seattle to accept a teaching position at UW.

Miss Boris (as she was known to her students) oversaw the advent of a dance division in the drama school, serving as its first official head. She pushed hard for the creation of spacious new dance studios at Meany Hall, with high ceilings, natural light and much-needed showers and locker rooms. Miss Boris demanded that dance be treated as equal (or, preferably, above!) other studies.

Two other influential teachers joined the faculty in 1967. Eve Green, a beloved ballet teacher, known as an advocate for dance and the arts, served as head of the dance division from 1975-85. Green activated a force of letter writers to help save the dance program when UW budget cuts threatened to take it out. And Joan Skinner, a former dancer with the Martha Graham and Merce Cunningham companies, led modern dance training as it joined ballet in the drama school's dance division, which she directed from 1985-87. She is known for developing the Skinner Releasing Technique, an approach to movement training guided by principles she had learned after a serious back injury during her performance career.

Dance history is a long chain of kinetic tradition, with movements and knowledge passed from one dancer to the next. There is a pleasing circularity, a linking of generations, that is part of this story as well. Hannah Wiley, '73, studied with Boris and Green at the UW in those early years of the program. So did I. Eventually, I followed my introverted ways to become a writer about the arts, while Wiley moved through her early career as a professional dancer, teacher and administrator before returning to UW to design the M.F.A. program and found Chamber Dance Company.

The disappointments Wiley encountered in her own graduate school experience in New York motivated her to create a more practical and encompassing course of study, she recalled: "I started picturing a degree program that would have been perfect for me at age 32."

Wiley was chair of the dance department for a coalition of schools including Mount Holyoke, Amherst, Hampshire, Smith and the University of Massachusetts, but couldn't be considered for tenure without a master's degree. In graduate school, Wiley was one of the oldest and most experienced students; nonetheless she was performing student choreography and enrolled in technique and academic classes she could easily have been teaching. She imagined instead "a program where I could have this intellectual festival, with my peers as classmates, no class I didn't like, and to teach material that would make it so people could succeed: teach them dance administration, dance education. So they could hit the ground running. A degree that took practitioners, the real artists, and trained them to be educators."

That notion started with what Wiley wanted for herself, but shifted midway into what she would like to offer others. That's how she thinks, and that's exactly what she set out to create at UW when she returned in 1987. Most dance M.F.A. programs focus on choreography. The program Wiley devised is extraordinary because it is interdisciplinary, and it focuses on dancers who perform as well as contribute to the field of dance studies. At the heart of the program is Chamber Dance Company. The two-year degree accepts three new dancers a year as teaching assistants with full tuition waivers. So the company maintains a shifting cast of six, occasionally supplemented by local professionals or outstanding undergraduates.

Wiley figured the performance aspect would be essential to lure high-caliber candidates. But she quickly realized it wasn't just performing

PREVIOUS PAGE: Kyle Craig-Bogard (in costume) and Megan Stutesman (understudy) rehearsing Loie Fuller's *Lily of the Nile*.
RIGHT: Joseph Blake rehearsing Anna Sokolow's *Going*.

that drew them: It was the pieces they perform. Chamber Dance Company revives historically significant modern choreography that is rarely danced and in some cases in danger of being lost to time. “They were grateful to have been able to embody the work rather than reading about it,” says Wiley.

For dance undergraduates and Seattle audiences, the annual Chamber Dance Company concerts are a treasure. Where else can we see live performances of renowned classics by Vaslav Nijinsky or Ruth St. Denis? Where else can we discover groundbreaking 20th century dances by Michio Ito, Jane Dudley, Oskar Schlemmer, Zvi Gotheiner?

For the dancers, however, the performances are the stuff of dreams. “If I never dance on stage again,” Jason Ohlberg wrote to Wiley after a per-



formance last year, “I will feel satisfied that I was able to fulfill my goals in this career; that’s not something I could have said before this concert.”

Dale Merrill was artistic director at Seattle’s Spectrum Dance Theater in 1990 when Eve Green suggested he join the first class of the UW’s new M.F.A. program. Graduate school had never been on his agenda, but he agreed to have lunch with Wiley and discuss the possibility. Enticed by a role in a Paul Taylor dance, he decided to give it a go. After the first quarter—working full-time at Spectrum, attending graduate school and trying to keep a relationship going—Merrill found himself at Wiley’s office door in tears. “I’m not sure I can do this,” he told her. If he could make it through the two-year program, Wiley promised, a multitude of doors would open for him. “She was absolutely right,” says Merrill, now dean of the arts at California State University, Fullerton. “It was probably the hardest two years and the best two years of my life.”

During his time at UW, in addition to teaching ballet and performing with Chamber Dance, Merrill took courses in philosophy, education, business and sports science.

What makes the UW program stand out, he says, is that it acknowledges the high professional skills the dancers bring with them. They then learn how to impart those skills to others and utilize their strengths in an academic setting. “It was amazing the way the program is set up. It really teaches you how to be a university professor, how universities work,” he says, “I call it University 101.” As a dean, Merrill is sometimes

dismayed to see new faculty members flounder, thinking they could come to the university and just continue to be artists, dancers, painters, actors, whatever. “Sometimes I just think: You need to go see Hannah Wiley. You need to take this class.”

When the National Association of Schools of Dance holds its annual meetings, Merrill encounters many UW M.F.A. grads. Twenty-five years is relatively brief, but in a few more years, the program’s impact on the dance field will be huge, he says. “It’s because we have a unique perspective and understand what is the role of a professor in a dance program. So many people think it is about teaching technique classes and that is a small, small part of being a university professor.”

The UW’s program serves another important function. Wiley extended Chamber Dance Company’s mission to include preservation. Unlike music or plays, choreography is not generated in a written form. During much of the early 20th century it was rarely recorded on film. Few realize how much important modern choreography has already disappeared. Chamber Dance now maintains a video archive that includes each dance performed, along with documentaries that probe the memories of the choreographers and staggers who revive the works. Their recollections of each dance, its mood and movements, its imagery and intentions, are captured—and in some cases, provide the only tangible record of the dance itself.

With more than 100 works in its repertory, the company has become a living museum of modern dance.

This year’s program time-travels along the arc of modernist dance history, touching down at key moments: the 1896 light-show spectacle of Loïe Fuller; a heart-gripping scene from the 1911 ballet *Petrouchka*, originally danced by Vaslav Nijinsky; and more contemporary works by Shapiro and Smith, and Doug Elkins.

Each work expresses something of the era in which it was made: Loïe Fuller, for example, was a close friend of Marie Curie and an innovator in the use of chemical gels and luminescent salts to create stage lighting effects. Martha Graham created *Lamentation* at the start of the Great Depression. Anna Sokolow’s 1955 *Going*, choreographed to the jazz music of Kenyon Hopkins, peeks into the window of a mid-century New York tenement at a guy who just knows he is cool.

Wiley makes sure the historical dances don’t take on the dusty patina of bygone times, like grainy old movies with scratchy soundtracks. This is choreography that speaks in the present tense, she says. “I’ve given myself the responsibility of making these dances be alive.” ■—*Sheila Farr is a Seattle-based author and arts writer, and former art critic for The Seattle Times.*

A Century of Modern Dance

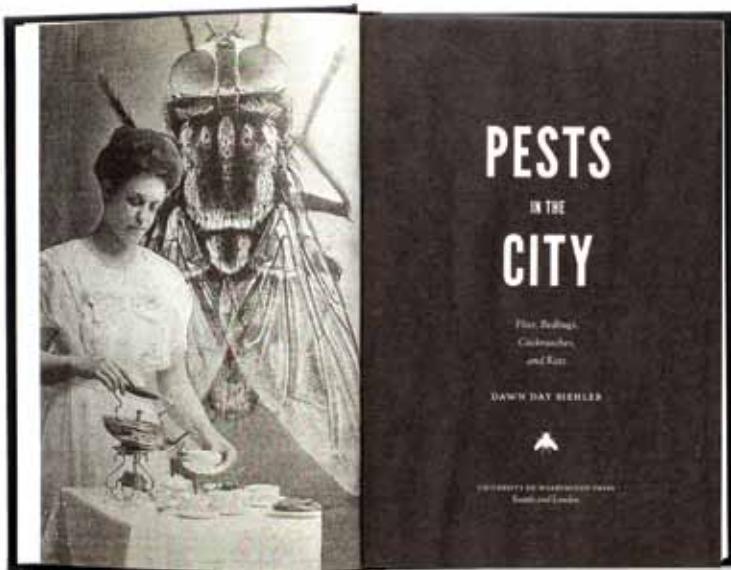
Chamber Dance Company’s 2015 concert series, with pre-performance talks by Lodi McClellan, professor, Cornish College of the Arts.

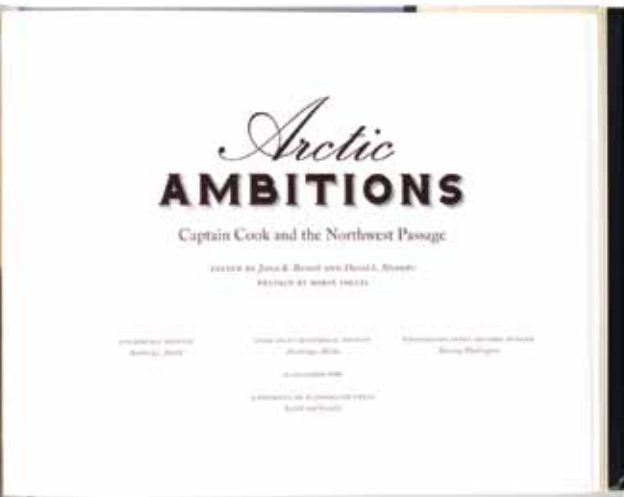
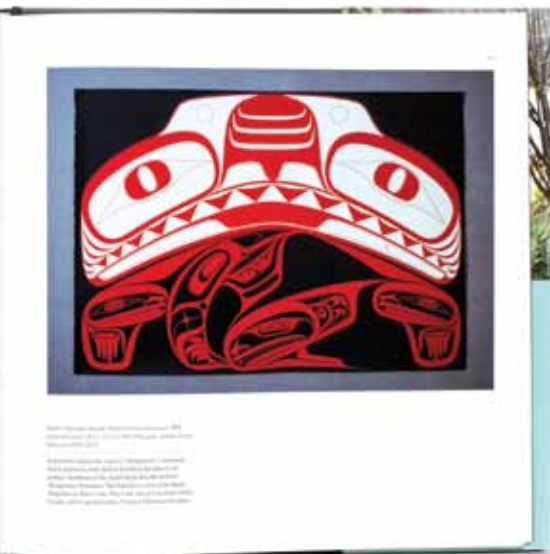
October 15-18 at Meany Theater
dance.uw.edu/events

Opening Doors: Celebrating 50 Years of Dance at the UW

A week of performances, master classes, panel discussions and films, in collaboration with Velocity Dance Center and On The Boards.

October 16-20
dance.uw.edu/events







Bellingham's Village Books, a display showcasing the "Best of the University of Washington Press" beckons readers with bears, baseball, Northwest art and narwhals.

"If not for UW Press, many of these books wouldn't exist as brilliantly as they do—if at all," says Robert Gruen, book buyer for the independent bookstore. "I love the very concept of university presses. It's exciting to learn the latest of everything that is relevant."

Kicking off its centennial celebration this year, the University of Washington's press traces its roots to Edmond Meany's 1915 *Governors of Washington, Territorial and State*. Meany, a graduate of the class of 1885, taught history and botany at the University. A fitting motto for the press itself, his dedication in the book is to one "advancing the cause of history."

In 1920, English professor Frederick M. Padelford's *The Poems of Henry Howard, Earl of Surrey* became the first book to carry the official UW Press imprint. Since then the press has published more than 4,400 titles, many of them groundbreaking work in fields like Indigenous studies, Asian studies and environmental history.

"It's energizing to be involved with new ideas," says Larin McLaughlin, the UW Press editor in chief. "I find it exciting to help scholars and others share their work with a broader audience in a compelling way."

COVERING THE WEST

With as many as 70 new titles each year and press runs typically ranging from 500 to 5,000 per title, the press publishes 26 series. The most popular books, however, continue to be those focused on the Northwest. Bill Holm's *Northwest Coast Indian Art*, first published in 1965, is an all-time bestseller. And 1945's *Ethnobotany of Western Washington*, has had the longest run in print. Through a century of enormous change in the publishing industry, the press has held fast to its mission of publishing scholarly books of enduring value.

"It's about ideas. Ideas keep us alive. They keep us creative and make us and our world a better place," says Gerald Baldasty, '72, '78, the UW interim provost and former member of the UW Press Committee. "Part of enhancing the life of a community is telling its stories. That's what the press does."

The largest scholarly press in the Northwest, the UW Press pays special attention to the five-state region of Washington, Oregon, Idaho, Montana and Alaska. With the new Northwest Writers Fund, the press offers advances to local nonfiction authors covering topics of regional interest. The first title, published this fall, is David Williams' *Too High and Too Steep: Reshaping Seattle's Topography*.

"Some presses focus more on scholarship and less on regional titles," McLaughlin says. "It's not that one is better than the other, but I think the regional gives us a way to really connect to the community."

That community connection aligns with the University's mission. Of the Association of American University Presses' 138 members, only a "small crowd" has reached the century mark, says Peter Berkery, AAUP's executive director. Part of UW Press' longevity and success comes from its engagement with campus.

"In this day and age, when we talk about presses turning challenges into opportunities, smart presses are trying to align their activities as tightly as possible with their university's mission," says Berkery. "You look at the way they're approaching regional publishing and it's consistent with the interests and academic strengths of the university."



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The UW Press' first book, *Governors of Washington, Territorial and State* by Edmond Meany, assembles 22 brief biographies of the first governors from their humble beginnings to high station.

STRENGTHS AND SCHOLARSHIP

A distinctive feature of university presses, compared to mainstream publishers, is the peer review process. Experts in a manuscript's topic provide feedback. Once the authors have completed their revisions, the books are reviewed by a 12-person faculty committee. According to McLaughlin, the full process takes about 12-18 months. However, some projects can be in development for a decade.

The press editors identify historical strengths and then build on them by developing new series that connect with a new generation of scholars, says Nicole Mitchell, director of UW Press. "One of the great things this press has done, and wants to continue doing, is to be at the forefront of scholarship and identify emerging fields," she says. By 2016, the press will have launched six new series within three years, including *Feminist Technosciences*, *Indigenous Confluences*, and *Food, People, Planet*.

The press is consistently advancing scholarship. "They're famous for their books on Asian American and Native American studies and had a prescient emphasis on environmental studies," says Judith Howard, 10-year member and current chair of the UW Press Committee. "These areas make sense considering the faculty expertise and the university's degree programs."

The wide-ranging publications focusing on Native American cultures are some of the most influential in the field. "It is the publisher for Northwest Coastal art from historic to contemporary," says Ed Marquand, creative director and partner of Marquand Books, a longtime collaborator of UW Press. "The press has a longstanding commitment to Native American art since at least the 1930s and 1940s."

The influence of these books extends into the region's Indigenous communities, says Kathryn Bunn-Marcuse, associate director for the Bill Holm Center for Northwest Art at the Burke Museum, and series co-editor for UW Press' *Native Art of the Pacific Northwest*. While visiting Alaska for the opening of a new Native heritage center, Bunn-Marcuse encountered a Tlingit artist who said that Bill Holm's *Northwest Coast Indian Art* was pivotal in keeping tribal artwork alive.

The *Indigenous Confluences* series takes an interdisciplinary approach by considering Indigenous people's experiences through the lenses of environment, food justice, cultural expression and language.

"There has been an explosion in the field of Indigenous studies in the past five to 10 years and it is very community engaged. It's a broader audience, which now includes activists and policy makers," says Coll Thrush, '98, '02, the series' co-editor. "There are stories still out there waiting to be told. I think UW Press can participate in telling them."

Chris Higashi, program manager for the Washington Center for the Book at the Seattle Public Library, values the press for presenting and preserving material that might not otherwise see the light of day. She and her siblings were raised hearing their parents had "been in camp." It wasn't until junior high that she realized that meant World War II Japanese internment camps. "From then on, I began reading a lot of novels, stories and poems about it," Higashi says. "UW Press brought John Okada's *No-No Boy* back to life [in 1980] and that's a classic that breaks my heart every time I read it."

No-No Boy was first published in 1957. It tells the story of Japanese Americans in Seattle who were ostracized during WWII. It is part of the press' *Classics of Asian American Literature* series alongside masterpieces such as Monica Sone's *Nisei Daughter* and Mine Okubo's *Citizen 13660*. "Asian American studies didn't really exist before the 1960s or early 1970s, so scholars had a hard time publishing in the field," says Moon-Ho Jung, associate professor of history and editor of *The Rising Tide of Color*. "The press saw the potential of the field and was ahead of the curve. It had already published many books by the 1980s and 1990s when the field came to be recognized. These are important texts for teachers and students. More generally, though, they're important for the larger public to read and recognize the history."

ART AND HISTORY

In the case of art books, UW Press excels at wowing readers with dynamic and colorful tomes. It also co-publishes and distributes dozens of new titles each year for museums and other cultural institutions.

Now with help from the Andrew W. Mellon Foundation, the press is producing art historians' first books in print and digital forms. The Art History Publication Initiative is in cooperation with Duke University Press, Penn State Press and the University of Pennsylvania Press.

Fulfilling literary needs that large publishers overlook, the nonprofit press has a budget based on book sales, University support, endowments, grants and fundraising. The combination allows it to subsidize books that aren't likely bestsellers.

"UW Press honors and supports books even if they won't sell millions of copies," says Kathleen Flenniken, '88, former Washington State Poet Laureate and author of *Plume*, published by UW Press. "They take literature seriously that needs to exist because it contributes to our understanding of the larger world."

The press is uniquely positioned in the regional literary ecosystem. Local independent bookstores maintain close ties and are eager to stock UW Press titles. "We really know these books. We read and care about them," says Karen Maeda Allman of the Elliott Bay Book Company. "We know there is a market for them."

Readers benefit from the less commercial titles, as do independent booksellers, says Rick Simonson, Elliott Bay's senior buyer. In the 1970s, "the store was small, but people came in looking for books like Bill Holm's and Victor Steinbrueck's [*Seattle Cityscape* and *Market Sketchbook*]," says Simonson. "They were books about Seattle during a time of growing self-awareness and consciousness as a city."

Today, Simonson sees the important role the press can play for a region again in flux. "The city is consumed with itself in its present, dynamic moment. It's helpful to know some of the region's history because there are patterns," he says. "UW Press does books that tell the important stories of who we are by where we've been." ■—Deanna Duff is a Seattle-based freelance writer.

EDITOR | Paul Fontana

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SPACE

Fifty years is no time at all for a universe that dates back 13.8 billion. But for those who study the sky, the past five decades have changed everything. **BY NANCY JOSEPH**

WHEN THE UNIVERSITY OF WASHINGTON'S astronomy department was established fifty years ago, the only known planets were in our solar system. Now, nearly two thousand planets have been identified in more than a thousand solar systems, and we have tools to predict which ones might sustain life. Scientists can measure the temperature, density, and chemical composition of celestial objects with stunning accuracy. Telescopes can see farther than ever, reaching galaxies formed shortly after the Big Bang. And the UW has been at the forefront of many of these astonishing advancements.

"With technological advances, opportunities have just exploded in astronomy," says Bruce Balick, professor emeritus of astronomy, "and we've caught each wave as quickly as we can."

Astronomers face a unique challenge. Because they study objects that may be millions of light-years away, most of their information comes from analyzing the light that reaches Earth. To collect that light, they use instruments with massive mirrors—the larger, the better—and sophisticated electronic detectors that turn the light into signals. Not exactly your build-it-yourself backyard telescope. And nothing like the refracting telescope at the historic Theodor Jacobsen Observatory on the UW campus.

The observatory is almost as old as the University. The telescope there was purchased in 1891 with \$3,000 in state funds, and the building that houses it was built four years later with leftover sandstone from the construction of Denny Hall. The observatory was later named in honor of professor Theodor Jacobsen, the sole astronomy professor at the University for nearly 40 years—until 1965, when the University added four new positions to create the Department of Astronomy in the College of Arts and Sciences.

Professors George Wallerstein and Paul Hodge were the first to be

hired. Before they'd unpacked their bags, they started planning for a new observatory. Wallerstein, the department's first chair, visited half a dozen sites east of the Cascades, and—after considering weather patterns, light pollution, accessibility, and other factors—chose a remote site near Ellensburg. The Manastash Ridge Observatory opened in 1972, with a 30-inch telescope that is still used by undergraduate majors today.

Even as the observatory was being built, Wallerstein knew it was more suitable for student projects than faculty research. Only a few universities had viable research telescopes due to the prohibitive cost. Most scientists applied for time on the large national telescopes, with demand far exceeding the resources. The situation was particularly challenging for graduate students, forced to compete with more seasoned astronomers.

Determined to change the situation, UW's astronomy faculty began thinking big. After several false starts, in the 1980s they were able to pool resources with four other schools including the University of Chicago and Princeton University to build the Apache Point Observatory in New Mexico. Its impressive 3.5-meter mirror guaranteed the UW a hefty chunk of observation time. "With access to that telescope, our ability to recruit new faculty and students just soared and our national reputation took a huge leap forward," says Balick. "It gave us a national presence."

Apache Point has been a mainstay of the UW astronomy program, but faculty have also had a hand in many other major national projects in astrophysics. They have participated on teams to develop instruments for the Hubble Space Telescope and similar telescopes in orbit. They led NASA's Stardust, the first U.S. mission to collect dust from a passing comet. They have advised on the development of powerful supercomputers used by theoretical astrophysicists. They helped found the UW Astrobiology Program, which studies the Earth's past

A Constellation of Star-Studded Events

**Astronomy Department
50th Anniversary**

Charles Simonyi: Practicalities of Orbital Space Tourism

Sept. 29, 7 p.m., Kane Hall 120
Simonyi will discuss his experiences with orbital space flight in 2007 and 2009 and what this portends for future orbital space tourism.
Register at artsci.uw.edu/astronomy50

Concert: Origins: Life and the Universe

Nov. 7, 2 p.m., Benaroya Hall, Seattle
New work of eight Seattle composers will accompany images captured by the world's most powerful telescopes. David Sabee will conduct the NW Sinfonia orchestra. For more about this unique event, visit www.astrobioconcert.com

WHAT

A telescope, highly sensitive camera and supercomputer

WHERE

A mountaintop in Chile

WHO

The UW and 36 other institutional members

WHEN

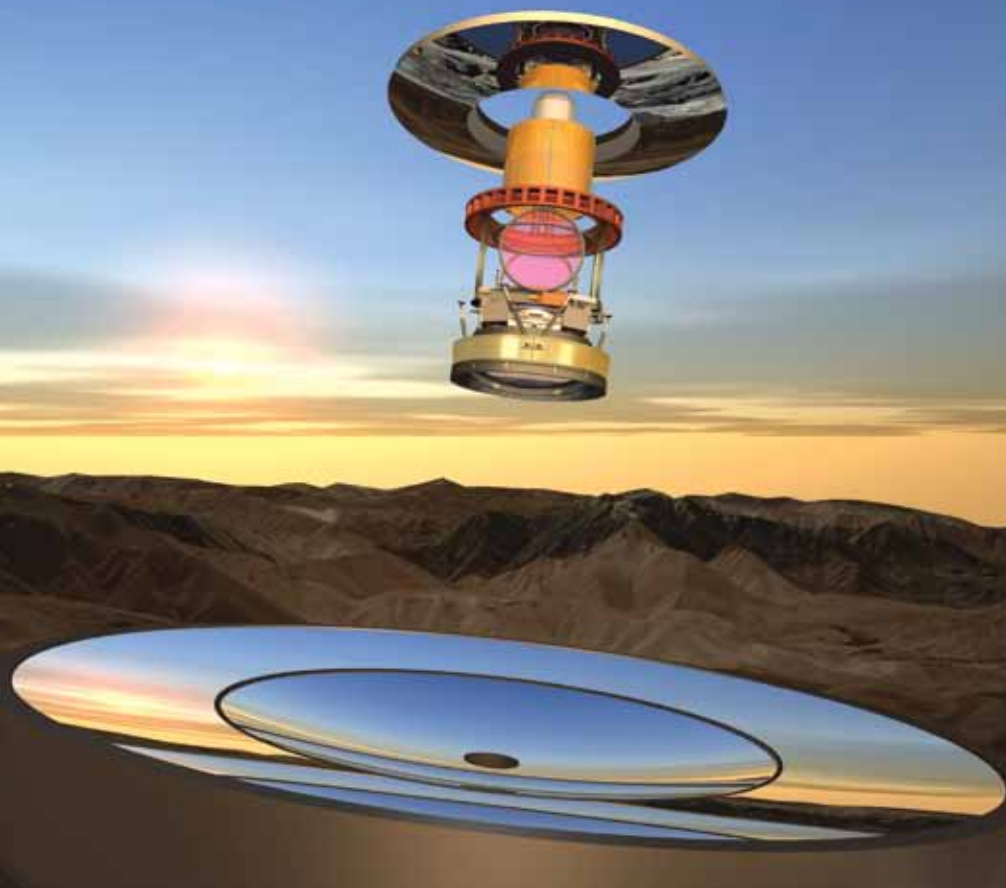
Ready for first light in 2019, first use in 2022

WHY

To see farther and more clearly into space than ever before

HOW

By capturing 37 billion stars and galaxies with an 8-meter mirror and a 3-degree field



COURTESY LARGE SYNOPTIC SURVEY TELESCOPE

Farther than the eye can see, the Large Synoptic Survey Telescope will photograph half the sky every few nights, allowing for a deeper and longer look into space than ever before. Several UW astronomers are part of the Chile-based project, which is slated for first use in 2019 and will produce an entirely new view of our universe.

environments and looks for possibilities of life within our solar system and beyond. And they have been leaders in survey astronomy, which uses specialized equipment to map the sky.

The UW got into survey astronomy early as a participant of the Sloan Digital Sky Survey (SDSS), completed in 2000. While other telescopes aim to capture faint light from the earliest galaxies, wide-angle telescopes like the SDSS's study the sky to map cosmic patterns and identify changes over time. Data collected by SDSS is open source, available to anyone with a computer—including UW undergraduates, who have identified a thousand new asteroids.

Scott Anderson, chair of the astronomy department, insists it's not hyperbole to describe SDSS as among the most successful projects in the history of the field. "That's true by all kinds of independent measures," he says, "including how many Ph.D.s it has produced, how many publications it has produced, how many people are engaged in citizen science." Many SDSS discoveries—from the chemical composition of thousands of stars to patterns in the distribution of galaxies—provide clues to the history and fate of the universe.

Given the success of SDSS, it's no surprise that the next generation of survey telescope is in the works—and that UW astronomers are involved

in all aspects of planning and design. The Large Synoptic Survey Telescope (LSST) will be an 8-meter instrument featuring a digital camera about the size of a Volkswagen Beetle. The camera, based in Chile, will take three pictures every minute, completing a survey of the visible sky every three nights and producing an almost unimaginable trove of data. As with most major astronomy initiatives, much of the funding comes from the National Science Foundation.

"The LSST is one of the most exciting experiments in astrophysics today," says Andrew Connolly, professor of astronomy. "When it comes online at the end of this decade, it could completely transform our knowledge of our universe, from understanding how dark energy drives the expansion of the universe to identifying asteroids that may one day impact the Earth."

No doubt any new discoveries will lead to many more questions—which is, after all, the fun of research.

"Fifty years ago, I would have thought, 'We're going to understand all of this someday,'" says Balick. "However, the more we find out, the more new questions emerge, which is humbling. The future will certainly bring us many wonderful surprises no matter how it plays out."

■—Nancy Joseph is director of publications for the College of Arts & Sciences.

Lecture Series: The Big Bang & Beyond

All four lectures are in Kane Hall 120 and free of charge. Registration required at UWalum.com/bigbang or by calling 206-543-0540.

Unravelling our Own Cosmic History

Oct. 21, 7:30 p.m.
Astronomy professor Andrew Connolly describes mapping the universe from Earth.

The End of the Beginning

Nov. 4, 7:30 p.m.
Physics professor Miguel Morales will discuss how scientists read the subtle patterns of the oldest light we can see.

Building the Universe, Piece by Piece

Nov. 18, 7:30 p.m.
Astronomer Julianne Dalcanton will highlight the role that the Hubble Space Telescope has played in space exploration.

Before Time, Beyond the Universe

Dec. 2, 7:30
Astrophysicist Adam Frank, co-founder of NPR's "13.7 cosmos & culture" blog, will discuss the wild west of physics.

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BRAIN

A study authored by UW researchers is among the first to identify structural white matter and functional gray matter differences in the brain between children with dyslexia and dysgraphia, and between those children and typical language learners. The researchers say the findings underscore the need to provide instruction tailored to each of these specific learning disabilities, though that is currently not mandated under federal or state law.

UNDERWATER

A robot built by UW researchers will deploy instruments to gather information about how marine life interacts with equipment used to harvest wave and tidal energy. Researchers still don't fully understand how animals and fish will be affected by ocean-energy equipment, and this instrument seeks to identify risks that could come into play in a long-term marine renewable energy project.

SMOKING

Exposing children to secondhand smoke is bad, but should it be considered child abuse? Taryn Lindhorst, associate professor of social work, argues that treating children's exposure to secondhand smoke as child abuse and reporting parents to authorities takes a punitive approach to addiction and harms both children and families.

ANTS

A team that includes a UW electrical engineer has discovered two key strategies that enable Saharan silver ants to survive in blistering temperatures of up to 158 degrees. In a study published in *Science*, the researchers demonstrate how the ant's uniquely shaped silver hairs work across an extremely broad range of the electromagnetic spectrum to reflect sunlight and shed heat.

OCEAN

UW-developed robots have captured what happens to massive blooms that appear on the Atlantic Ocean's surface as they dissipate. Swirling ocean eddies carry microscopic plants far beneath the surface, creating a surprising end to the bloom that could have implications for fisheries and climate change.

AUTISM

Early intervention for toddlers with autism spectrum disorder helps improve their intellectual ability and reduces autism symptoms years after originally getting treatment, a new study shows. The study is the first in more than 20 years to look at long-term outcomes after early intensive autism intervention.

VOLCANO

Planets with volcanic activity are considered better candidates for life than worlds without such heated internal goings-on. UW grad students have found a way to detect volcanic activity in the atmospheres of exoplanets, or those outside our solar system, when they transit, or pass in front of their host stars.

STRESS

New UW research finds that children's early environments have a lasting impact on their responses to stress later in life, and that the negative effects of deprived early environments can be mitigated—but only if that happens before age 2.

ATOMS

UW physicists have conducted the most precise measurements yet of the interaction between the atoms and molecules that comprise air and the type of carbon surface used in battery electrodes and air filters—key information for improving those technologies.

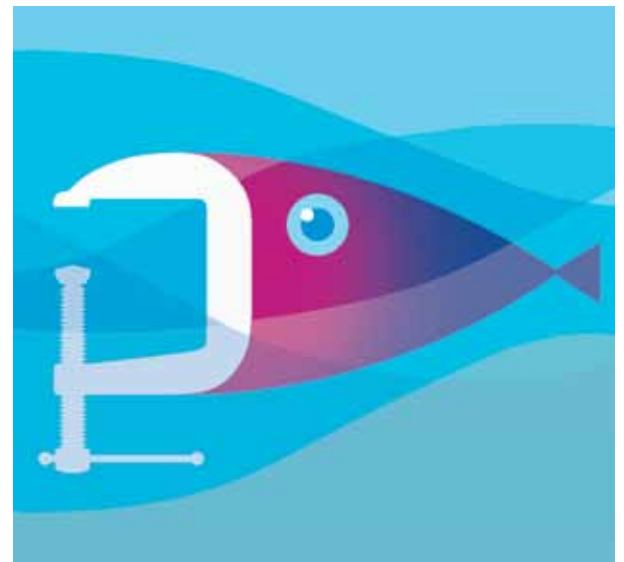
CLING

The biomechanics of clingfish could be helpful in designing surgical devices

BY MICHELLE MA

SCOOTING AROUND IN THE SHALLOW, COASTAL waters of Puget Sound is one of the world's best suction cups. It's called the Northern clingfish, and its small, finger-sized body uses suction forces to hold up to 150 times its own body weight.

These fish actually hold on better to rough surfaces than to smooth ones, putting to shame industrial suction devices that give way with the slightest uneven surface. Clingfish have a disc on their bellies that is key to their tenacious hold. The rim of the disc is covered with layers of micro-sized, hairlike structures.



This layered effect allows the fish to stick to surfaces with different amounts of roughness. Many marine animals can stick strongly to underwater surfaces—sea stars, mussels and anemones, to name a few—but few can release as fast as the clingfish, particularly after generating so much sticking power. Clingfish's unique ability to hold with great force on wet, often slimy surfaces makes them particularly intriguing to study for biomedical applications. Imagine a bio-inspired device that could stick to organs or tissues without harming the patient. Researchers are also interested in developing a tagging tool for whales that would allow a tag to noninvasively stick to the animal's body instead of puncturing the skin with a dart, which is often used for longer-term tagging. Now that they have measured the strength of the suction on different surfaces, the researchers plan to look next at how long clingfish can stick to a surface and why bigger clingfish can stick better than smaller ones. ■

GUILT

Cellphone use is no laughing matter for parents at playgrounds

BY JENNIFER LANGSTON

A NEW UW STUDY FINDS THAT CELL PHONE use at playgrounds is a significant source of parental guilt, as well as a powerful distraction when children try to get caregivers' attention. The largest group of surveyed parents, nannies and adult babysitters—44 percent—felt they ought to restrict cell phone use while watching children at playgrounds but felt guilty for failing to live up to those ideals, the study found. Researchers also observed that caregivers absorbed in their phones were much less attentive to children's requests



than when they were chatting with friends or caring for other children. The study also found that adults commonly overestimated how responsive they were to children's requests while using their phones. In 32 instances when researchers observed a child trying to interrupt an adult using a cell phone, the caregiver completely failed to respond, speak or look away from the phone 56 percent of the time. On the other hand, the total amount of observed cell phone use in Seattle playgrounds was relatively low. Nearly two-thirds of caregivers spent less than 5 percent of their time at the park using a phone, and many phone interactions lasted less than 10 seconds. "Phones do distract us and that's something to be aware of, but I think it's not nearly as bad as some people have made things out to be," said co-author Julie Kientz, associate professor of human centered design and engineering. "Plenty of people are being really attentive parents and thinking deeply about these issues." ■

VOLUME

Underwater mics capture the mighty din of melting glacier ice

BY HANNAH HICKEY

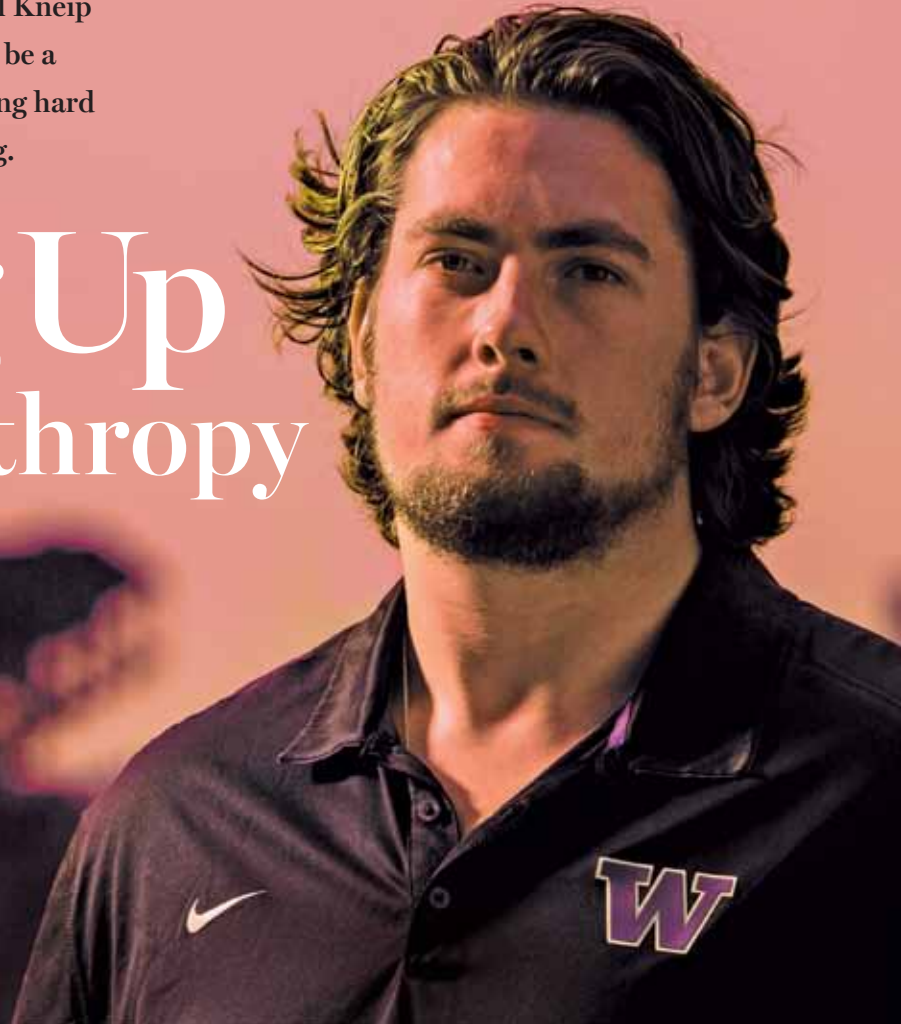
RECORDINGS BY CURRENT AND FORMER UW researchers in fjords show that melting at glacier edges in the narrow rock-edged canyons are some of the noisiest places in the sea. The study, published in *Geophysical Research Letters*, recorded the sound near glacier tongues in narrow fjords in the Arctic and Antarctica. The sounds were louder than any natural or human-generated ocean noise, at least within the audible frequencies of about 300 to 20,000 vibrations per second. First author Erin Pettit, now on the faculty of the University of Alaska



Fairbanks, did her doctorate and postdoctoral work studying glaciers in the UW's Department of Earth and Space Sciences. Pettit collaborated with UW's Jeffrey Nystuen, an oceanographer at the Applied Physics Laboratory, who developed a hardy instrument to record sounds from marine mammals, tropical cyclones and rainfall in the open ocean. For this experiment, they installed Nystuen's underwater microphones to record the noise around a melting glacier tongue. They were placed more than 200 feet below the surface in an Alaskan fjord, where they recorded an average noise level of about 120 decibels, about as loud as a power saw. Most of the cacophony comes from air bubbles released by the melting ice that pop once they enter the water. Pettit has several other devices now recording in a Greenland fjord and hopes to place more in Alaska and Antarctica. She said she hopes the findings will inspire biologists to study how ambient sound affects marine mammal behavior. ■

A third-generation Husky, Michael Kneip is living his childhood dream to be a Husky football player, while working hard to establish a legacy of giving.

Teaming Up for Philanthropy



MICHAEL KNEIP FIRST DONNED FOOTBALL PADS IN second grade as a member of the Bellevue Junior Wolverines. As a teenager, he was an offensive lineman on four state championship teams at Bellevue High School. The son of an All-American UW track star and grandson of a UW football player, he has Husky athletics in his DNA, so when he made the Husky football team, one of his greatest dreams seemed to have come true. But one big question remained: How would he be able to make attending the UW happen financially?

Helping to turn his childhood dream into a reality was the Chase Anderson Endowed Scholarship, which went toward tuition and additional educational expenses that exceeded his financial aid package—and inspired him to continue helping others. “This is where I dreamed of playing as a kid, but if I want to play football, I don’t have any time to

work,” he says. “This scholarship opened up an amazing door for me.”

Now a senior majoring in communication and an offensive lineman on the football team, Kneip is committed to leaving behind a legacy of his own—on the football field and in the community. During the school year, his days are long. Grueling football workouts typically run from 7 to 11 a.m. Then, it’s on to the day’s classes, tutoring and, finally, meetings or film study. But despite this ever-packed schedule, Kneip still finds time to fuel his other passion: philanthropy.

It started in 2008. The recession hit Kneip’s parents, a handyman and a real estate agent, especially hard. But as their financial difficulties compounded, the Kneip family banded together to help others. “Even though we didn’t have much money,” he says, “we knew we could definitely help people in situations like ours.”

In addition to starting a Thanksgiving food drive, Kneip's mother began making and delivering sandwiches to the Union Gospel Mission in downtown Seattle. Soon, Kneip became involved, learning lessons that shaped the person he is today. "Giving puts life in perspective for you," he says. "Every time I volunteered, I'd meet someone different. You can't generalize people based on their financial background. It's more about the person and the spirit behind them."

Today, along with a rotating cast of his friends and fellow athletes, Kneip makes over a hundred sandwiches every week for the Union Gospel Mission. "Everyone loves doing it. There are never enough donations there, so we challenge ourselves to make more and more," he says.

Kneip has also broadened his philanthropic scope, especially through his ties to the UW football team. Some of his favorite memories involve visiting local elementary schools and Seattle Children's Hospital with his teammates, and he's recently co-founded the UW branch of Uplifting Athletes, a national nonprofit that raises money for rare diseases. This season, through fundraising events like touchdown drives, Kneip looks forward to rallying his teammates to raise money for pediatric multiple sclerosis.

"You can't generalize people based on their financial background. It's more about the person and the spirit behind them."

"There are so many people who watch Husky football, and we're using it as a platform," he says. "To be part of the program here and to have the opportunity to help others by playing the sport we love is really special to us."

Kneip has two seasons left with the Huskies, and he's hard at work making sure he finishes strong. But sometimes, he points out, it's not necessarily about finishing something by yourself — it's about laying the groundwork and leaving behind a legacy that will give others the tools, and inspiration, to carry on.



CHASE ANDERSON

CHASE ANDERSON ENDOWED SCHOLARSHIP

The Chase Anderson Endowed Scholarship honors the life of UW student and Bellevue High School graduate Chase Anderson, who died suddenly in 2008. In response to this unexpected tragedy, family and

friends of Anderson came together in a touching show of support, donating generously and establishing a fund that honors his name.

Part of the UW's Husky Promise, the Chase Anderson Endowed Scholarship provides funding beyond what is covered by state and federal funds, closing the financial gap for students of great need.

Michael Kneip is grateful for the scholarship because it makes living his childhood dream a reality. But for him, it's a little more personal. His older sisters were friends with Anderson, and Kneip always held him in high esteem as an inspiring role model.

"Chase had this awesome spirit about him," says Kneip. "I always looked up to him as a kid, and I always wanted to carry myself like him when I was older."



BRIAN DALBON

The Purple Möbius Strip

Service and philanthropy are core elements of what it means to be a Husky. They are part of a cycle that sustains and inspires us. As a community, we pour our energy into the UW. In turn, our students, faculty and staff give back—often quietly, always robustly, and sometimes in dazzling bursts of brilliance.

The UW's Dream Project is one such burst. This innovative and effective program works to close the college opportunity gap for underserved high school students. In the last 10 years, thousands of UW undergraduates have mentored and supported our state's youth through the Dream Project, helping more than 10,000 students achieve the dream of higher education. And, in a wonderful cycle of benevolence, more than 300 of the UW's 2015 freshman class are former Dream Scholars. Many plan to join the Dream Project as mentors themselves. I see this civic spirit in every school and college across campus.

Take the UW School of Dentistry—a critical resource for the most vulnerable in our community. Of the school's 82,000 patient visits last year, more than 40 percent were Medicaid clients. The DECOD clinic at the UW is Washington state's largest provider of dental services for people with developmental or acquired disabilities. And, the pediatric clinic is the largest care provider for at-risk children in the region. The School of Dentistry is stuffed with gems.

We couldn't do this work without your generous support. And it is our inspiring philanthropic leadership—past, present and future—that unites us through it all. This fall, both Dan Evans and Bill Gates Sr. turn 90. They embody undaunted and lifelong devotion to the UW. This month, the 2015 Gates Volunteer Service Award is awarded to Lyn and Jerry Grinstein for their years of leadership and philanthropy. Each generation of Huskies sets an example for the next. It's a cycle of its own, one that will play out for generations to come.

Kindness is infectious—and boundless!

—JODI GREEN, Chair, UW Foundation

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



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3



4

Out & About

ALUMNI AND FRIENDS OF THE UW GATHER TO CELEBRATE HUSKY PRIDE



5

1 PRESIDENT'S CLUB RECEPTION
Sissy Bouchard, Marian Smith and UW Interim President Ana Mari Cauce show their pride in front of Drumheller Fountain at the annual President's Club Reception, an event that celebrates the University's most generous annual donors.

2 THE DOCTOR IS IN
Brooks Simpson, a UW Foundation Board director, joins School of Nursing Dean Azita Emami, Dr. Regina Benjamin and Eli Almo.

Dr. Benjamin, U.S. Surgeon General from 2009 to 2013, visited campus as a featured speaker for the University's Weight and Wellness Lecture Series.

3 DISTINGUISHED DAWG
Kristi Landau, Tyson Williams, Susan Wilson Williams, '73, Vivian Lee, '58, '59, Carol Simmons, '68, and Trish Bostrom, '72, share their Husky spirit. Susan was honored with the UW Alumni Association's 2015 Distinguished Service Award.

4 CELEBRATING DIVERSITY
Kim Hunter, '82, Professor Emeritus Thaddeus Spratlen and James Thomas attend Celebration, a dinner and scholarship fundraiser that recognizes the academic success of students in the Office of Minority Affairs & Diversity.

5 SYLVAN SHADE
Colin Beazley, '12, and Kristin Riley enjoy the shade of Sylvan Grove at the President's Club Reception.

6 HONORING THE HONORABLE
Former UW Regent Jerry Grinstein, current Regent Herb Simon, '65, Norm Dicks, '63, '68, and Denny Miller, '65, '68, share a smile. Dicks, who served for 36 years as a Washington state congressman, received the Alumnus Summa Laude Dignatus—the highest award the UW presents to a former student.

7 45 YEARS AND COUNTING
Svanhild Swasand, '81, and Russell Castner, '71, '75, celebrate the School of Public Health's 45th anniversary—and its first-ever all-school alumni reunion.



6



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8



9

8 WELCOME TO THE PACK

UW Alumni Association Chapter Secretary **Mini Hu**, '08, **Yung-Kuang Kao-Liang**, '82, and UWAA Taiwan Chapter President **Kung-Yee Liang**, '82, attend a UW student send-off alumni event to welcome new UW students and parents in Taipei.

9 DOW DOWN TO WASHINGTON

Tracey Gerber, '87, **Derek Trulson**, '89, **Mark Lawrence**, '94, **Nicole Lawrence** and **Scott Gerber** gather at a Dawgs on Wall Street (DOWS) event in New York City.



Lyn and Jerry Grinstein

2015 GATES VOLUNTEER SERVICE AWARD RECIPIENTS

DENNIS WISE

Everyday Magic

JERRY AND LYN GRINSTEIN, unwavering supporters of the University of Washington for decades, have attended countless graduation ceremonies, but Lyn says she gets a lump in her throat every time. “I think about what a transformational mission this is for so many individuals, but the bigger mission is not for the individual,” she says. “The bigger mission is what it does for the community.”

It is the University’s impact on the community that has inspired the Grinsteins to be such passionate advocates. In recognition of their deep and long-standing commitment to the University, the UW Foundation has honored them with the 2015 Gates Volunteer Service Award.

Jerry, whose remarkable career has spanned politics, law and business, has proved an invaluable UW leader in many capacities. A co-chair of the University’s first campaign and a former UW Regent, he has served—and continues to serve—on a host of UW boards and committees. He and Lyn both bring their passion and leadership to the UW Medicine Campaign Initiatives Committee. Lyn, a former chair and current director of the UW Foundation Board, also leads campaign fundraising efforts for the Institute for Stem Cell and Regenerative Medicine, and she puts her love of the arts to work as a member of the Henry Art Gallery Advisory Council.

In her tenure as chair of the UW Foundation Board, Lyn created the Deep Dive program, which gives volunteer leaders the chance to experience the remarkable things that happen across the University every day.

“Don’t forget the development of these young minds that’s going on all around—you can’t walk through this campus without feeling it,” says Lyn. “Don’t forget the everyday magic.”

UW gets a lot of ink. Here are just a few stories of note.

S

SAVE THE ELEPHANTS

UW biologist Samuel Wasser is tracing illegal elephant ivory seized around the world in hopes of curtailing the poaching of an estimated 50,000 African elephants annually, threatening the population with extinction. Wasser is using the DNA of seized ivory to trace it back to two poaching hot spots: a forest in central Africa and a savanna in Tanzania and Mozambique. The findings, published in the journal *Science*, note that increasing law enforcement on poaching in these areas may dampen the illegal killing.

DIVERSITY KUDOS

Two alumni and two community members who are leaders in diversity will be honored at the MAP Bridging the Gap Breakfast Oct. 17 at the HUB. The Dr. Samuel E. Kelly Award will go to Tomio Moriguchi, '61, former CEO of Uwajimaya; the Distinguished Alumna Award will go to Dr. Margaret Burnley-Spearmon, '99, associate dean of professional development and community partnerships in the School of Social Work; and the Distinguished Community Service Award will go to Estela Ortega, executive director, El

Centro de la Raza; and State Sen. John McCoy, the only self-identified American Indian (Tulalip) in the State Senate.

BRAZIL IN SPOKANE

Introducing the UW's first director of government and community relations for Spokane and Eastern Washington: Catherine Brazil, '90, who has more than 20 years of public affairs experience. Brazil will represent the UW and the UW School of Medicine in Spokane from her office in the University's newly opened Spokane Center.

NOW HE'S WIRED

WIRED magazine featured Jeff Dean, '96, on its May 2015 cover as one of the 20 "unsung geniuses" reshaping the business world. Dean was one of Google's earliest engineers and helped create its computing systems. Now he's building deep-learning neural networks (which behave like neurons in the human brain) that can recognize faces and speech. Can you say *WOW*?

FRESH AIR

A \$2.3 million energy conservation project will improve teaching and research laboratories in the iconic Physics/Astronomy Building. The project drastically

reduces ventilation system waste with high-tech controls, drives and motors to "right fit" the quality of conditioned air delivered to the labs.

HELPING OFFENDERS

A bill authored by five UW law students to help juvenile offenders was recently signed into law. The Youth Equality and Reintegration Act will allow eligible youth in Washington to seal their juvenile records, regardless of their financial resources. Before this, those who committed non-violent and non-sexual offenses could seal their records when they turned 18, but they had to pay all court fines and fees. Many could not afford to do this. The UW students worked on this issue with community partners including Columbia Legal Services.

GOOD NEWS

Need cheering up? Check out What's Good 206, a nonprofit organization that produces articles and videos about people making a positive difference in Seattle. It's the work of Austin Williams, who graduated in June with a degree in communication. The website (whatsgood206.org) received 22,000 visits in 2014, ten times more than the year before.

BOFFO BOTHELL

UW Bothell is on the money again. *Money* magazine ranked UW Bothell the best value in the Pacific Northwest, according to a ranking of best colleges in its July issue. The magazine ranked 736 colleges and universities in three categories: quality, affordability and alumni earnings. UW Bothell was lauded as "a little-known school that dramatically outperforms its peers on graduation rates and alumni financial success indicators."

ROARING 20S

Crowdsourcing—soliciting contributions from a large group of people—is a cool tool for raising money. Denny Luan, '11, Cindy Wu, '11, and Skander Mzali, '10, founded Experiment, a San Francisco online platform that has funded more than 250 biomedical research projects, raising more than \$1.4 million in pledges. This year Luan and Wu were named to *Forbes'* 30 Under 30 list of entrepreneurs innovating in health care.

INTERN TO CEO

Dennis Muilenburg, '90, is now piloting Boeing, replacing Jim McNerney as the company's CEO. Muilenburg, who was



Theatrical Jewel

OBIE AWARD-winning theatrical performers and collaborators Katie Pearl, '96, (left) and Lisa D'Amour are coming to the UW School of Drama this fall. Performing as PearlDamour and known for large-scale performances that mix theater and art installation, the duo will work with students and the Seattle community on a theater project they're calling *Skies Over Seattle*. The work will examine the nature of the American individual under the skies of the University District. The community, students and PearlDamour will ask, "What does it mean to be an American?" and "Does an American community actually exist?" Eventually, three performances will emerge from this process, and will be presented in an installation in Jones Playhouse next spring.—JULIE GARNER

FLORDELINO LAGUNDRINO



HUMANITARIAN

Dan O'Neill

Thundering down I-5 on a Harley might seem incompatible with receiving the Mother Teresa Award for social justice, but this kind of fearlessness has led Dan O'Neill, '72, to dive into disaster and help people in conflict or crisis. O'Neill, who received the award in 2006, is the co-founder of Mercy Corps, a global humanitarian organization that has helped more than 170 million people in more than 40 countries since 1979. Over 90 percent of the field staff are citizens of the countries where they work. In this way, the organization leverages local insights to help people recover from calamity and build better lives. Most recently, after the earthquake in Nepal, Mercy Corps' local staff identified roads that weren't on any maps, leading to villages that hadn't yet received lifesaving aid. Born in Olympia in 1948, O'Neill grew up in the small community of Shelton, where his dad worked for Simpson Timber. During the summers, after finishing an eight-hour shift at a gas station, O'Neill worked swing or night shift at the sawmill, pulling lumber off of green chains and listening to the shrieks of the giant band saws. At the UW, O'Neill majored in fine art. He studied graphics, photography, painting and printmaking, and occasionally carried out guerilla proj-

ects. Once, in the middle of the night, he dug up some of the lawn outside Terry Hall and installed a glass sculpture—which he quickly dismantled the next day at the behest of a Seattle police officer. O'Neill also constructed a floating pontoon of Styrofoam with a noise-making battery-powered pendulum for another art project, which he dropped into Drumheller Fountain. After graduating, he travelled to Africa, Europe and the Middle East, eventually landing on a kibbutz in Israel, where he worked in the orchards and studied Hebrew. O'Neill experienced firsthand the 1973 Yom Kippur War. That, and a decision to join the Roman Catholic Church, altered O'Neill's life forever. Drawing on the social justice teachings of the church and personal faith, he started Save the Refugees Fund in 1979 to help those fleeing the killing fields of Cambodia's Khmer Rouge. That effort morphed into Mercy Corps, where O'Neill still puts in a full day's work, mostly in resource development and communications. "He was really unique in doing what it takes to move from a guy with a phone in a room to an organization that dispenses hundreds of millions of dollars in aid every year," says Margaret Larson, a veteran Seattle broadcast journalist who has volunteered with and worked for Mercy Corps. O'Neill has also returned to his UW roots. He lectures at the Jackson School of International Studies and he is working with students on a special real-world project. "So the connection to the UW is coming back full circle, like the T.S. Eliot quote about completing the journey is arriving where you started and recognizing the place for the first time," he says. "When I walked back onto the UW campus and sat down with those students, it was a 'wow moment.' I'm a 1972 graduate and I'm bringing the bacon back home." ■ *Find out more about Mercy Corps at www.mercycorps.org.*



THOMAS COVALIFE

Premier Poet

A GROUP OF UW students spent spring quarter writing poetry under the tutelage of soon-to-be U.S. Poet Laureate Juan Felipe Herrera. The Chicano poet from California was a visiting professor in the Department of American Ethnic Studies. In June, he was named the 21st U.S. Poet Laureate and the first Latino honored since the U.S. Consultant in Poetry program began in 1937. Herrera grew up in a family of migrant workers. In college, he studied social anthropology and fine art, and holds degrees from UCLA, Stanford and the University of Iowa Writers' Workshop. He has produced 28 books of poetry, fiction, non-fiction and children's literature.—JULIE GARNER

Boeing's president, chief operating officer and vice chair since 2013, got his start at Boeing as an intern in the 1980s.

KICKING OUT COAL

The UW Board of Regents has voted to divest the University's endowment from coal. Responding to concerns of students and the group Divest UW, the regents determined that investing in coal didn't fit with the school's sustain-

2000, the school was named the Daniel J. Evans School of Public Affairs to honor one of our most esteemed alums who served as a U.S. senator and Washington governor. It's only fitting since Evans is the walking definition of civility and leadership—what a rarity these days.

NEW OMA&D LEADER

The UW Office of Minority Affairs and Diversity has a new leader: Gabriel E. Gallardo, '89, '93, '00, OMA&D's associate vice president for student services and academic support programs. He was named interim vice president for minority affairs and vice provost for diversity after Sheila Edwards Lange, '00, '06, left to become interim president of Seattle Central College in August. She will be a candidate for the permanent position there.

PRIZED PROFESSOR

The Saruhashi Prize, given each year to a female researcher in the natural sciences, has been presented to biology professor Keiko Torri. A Howard Hughes Medical Institute Investigator who holds an endowed distinguished professorship, Torri was honored for mentoring women postdocs balancing career and family.

SLOVENIA STAR

Michael Biggins, who heads UW Libraries' international studies section, received the prestigious Larinova Diploma from the Slovenian Literary Translators' Association for "major contributions in the transfer of Slovenian literature to other nations." An affiliate professor in Slavic languages and literature, Biggins is a renowned translator of books and essays.

WORKING WONDER

Everyone knows the UW is one of the best places on the planet to go to school. And now it is a "Great College to Work For," according to *The Chronicle of Higher Education*. We are one of only 10 large institutions ranked in the top 10 in two categories—collaborative governance, and compensation and benefits. Sweet.

HALL CALL

The Communication Department Hall of Fame will welcome five superstar alumni on Oct. 1: Colleen Fukui-Sketchley, '94, Nordstrom's corporate diversity director; Lauren Kessler, '80, prolific nonfiction author; Robert Osborne, '54, host of Turner Classic Movies TV network; Ross Reynolds, '11, co-host of KUOW's daily news magazine *The Record*; and George Walker, '51, Seattle civic leader who had a long career at Pacific Northwest Bell/U.S. West.

GO, GO, GO-MAP

Happy 45th birthday to the UW's Graduate Opportunities & Minority Achievement Program! GO-MAP, as it is called, is one

of the oldest, if not *the* oldest, graduate diversity office in the nation. Now that's a middle-age celebration worth noting.

LINDBERGH'S BACK

Look what just landed at the UW Libraries: a film showing rare footage of Charles Lindbergh's 1927 visit to Husky Stadium. Beverly Hitt Akers donated the silent, nearly 7-minute film, which came in an 88-year-old film canister. The footage shows Lindbergh—then at the height of his fame—being introduced to a packed crowd at the stadium by Seattle Mayor Bertha Knight. The film is one of the oldest in the UW Special Collections archive.

BIG SENDOFF

The late, great *Conservation Magazine*, which was based in the Biology Department, went out with a bang: it received the Gold Award for Special Constituency Magazines in the Council for Advancement and Support of Education's national Circle of Excellence Awards. While the print publication has ceased, it will use seed funding from the John D. and Catherine T. MacArthur Foundation to relaunch as the *Environmental Media Lab*, with interactive digital stories and a daily science blog.

HEAL HERE

The best hospital in the state of Washington? You know it—UW Medical Center. So says *U.S. News & World Report's* latest rankings of the nation's best hospitals. UW Medical Center was nationally ranked in the top 10 of two specialties: rehabilitation (No. 4) and cancer (No. 5). Two other UW

Medicine hospitals were also ranked among the state's best: Valley Medical Center (No. 6) and Harborview Medical Center (No. 11).

TAYLOR TIME

BlackPast.org, an extensive online reference center for African American history and African ancestry created by history professor Quintard Taylor, has been honored by the National Education Association. The website received the 2015 Carter G. Woodson Award, given annually by the education association and the Association for the Study of African American Life and History. The 13,000 pages on BlackPast.org include more than 4,000 entries.

SILICON SOJOURN

Go to the UW, have a great career? Well, that's no surprise. *Business Insider* ranked universities based on the number of graduates who landed jobs in Silicon Valley. We ranked 5th in the nation, ahead of such schools as Cornell, Michigan, Illinois, Carnegie Mellon, UCLA, Texas and five other University of California schools.

ARTISTIC TOUCH

Two faculty members in the UW School of Art + Art History + Design received 2015 Seattle Mayor's Arts Awards. Robin Wright, professor of art history, received the Cultural Ambassador Award, while Akio Takamori, professor emeritus of ceramics, received the Arts & Innovation Award. If that weren't enough, Daniel Brown received the mayor's Creative Industries award for his 2013 bestselling book *The Boys in the Boat*, featuring the 1936 Husky crew.

BRAVO!

"Antigona," a dance production by Sociedad Barrio and Noche Flamenca that was born at the UW and premiered at Meany Hall, has been nominated for two Bessie awards, the highest tribute in the New York dance world.

ability efforts. Only three other times has the board halted the school from direct investments with companies that do business in South Africa (1988), with tobacco (1999) and in Sudan (2006).

EVANS EVOLUTION

The UW's school of public affairs has a new name: the Daniel J. Evans School of Public Policy and Governance. In

Science Magnet

WHILE WOMEN ARE participating more in the life sciences, big gaps remain in computer science, physics and engineering, particularly for underrepresented minorities and people with disabilities. Enter Shirley Malcom. She has devoted her career to expanding access to education and careers in science and engineering. That's why she was named to the 2015 *U.S. News & World Report* STEM Leadership Hall of Fame. "We can celebrate the progress we have made over the years and at the same time decry that we have not yet done enough," says Malcom, '67, head of Education and Human Resources Programs at the American Association for the Advancement of Science.—JULIE GARNER



COURTESY, AAAS



GENETIC ETHICIST

Wylie Burke

Twenty-two years ago, Wylie Burke was doctor to a friend of mine who sustained horrible injuries from a tractor accident. As attending physician during my friend's final admittance to UW Medical Center, she spoke matter-of-factly about his condition but did so with such compassion, his wife was moved to tears. Today Burke is known nationally for her expertise on the ethical and policy implications of human genome research. While she is a leader in this area of medicine, her ability to relate with kindness and compassion lies at the heart of her exceptional career. A native New Yorker, Burke attended Brooklyn College and fled west to pursue her doctorate in genetics at the UW. "I got here in 1970 and I was smart enough to know I should stay," she says. Then she earned her UW medical degree. Burke spent 20 years seeing patients as a primary care physician and another 12 as a clinician in medical genetics. She has cut a remarkable figure in medicine and genetics across the country. She was professor and chair of the Department of Medical History and Ethics (which became the Department of Bioethics and Humanities) for 14 years, as well as the founding director of the UW Women's Health Care Center. Burke has also carved out a

research career evaluating the ethics and policy surrounding genetics in medicine and public health. A concern for health care equity informs many of her questions. For example, some cancer drugs cost \$10,000 per month but add only a few extra months of life. What do families have to sacrifice to pay the high cost of these drugs? What about patients who cannot afford this treatment? Beyond her professional accomplishments, her ability to mentor has endeared her to students and colleagues. In nominating her for the School of Medicine Mentoring Award, which she received last June, 22 people—graduate students, postdoctoral trainees and faculty colleagues—wrote passionate letters of support. "I have no idea what Dr. Burke saw in me that was worth so much of her time and material investment," says Diane Korngiebel, an instructor in biomedical informatics. "But I can tell you what I saw in her: a professional who is deeply committed to addressing health inequities, who invests heavily in promising junior faculty, and who is dedicated to advancing genomic medicine ethically. Her personal integrity is palpable." Burke is also known for her generosity, especially with her time. "I called her out of the blue 25 years ago when I was a fellow at the University of Wisconsin and asked her a question. She took 20 minutes to answer it," says Ben Wilfond, head of the Treuman Katz Center of Pediatric Bioethics at Seattle Children's Hospital. "That made me want to be a mentor like her." Relationships are really what Wylie Burke is all about, whether she's working to understand genetic and environmental modifiers on drug response in Alaska Native people, spending time with her granddaughters, or co-authoring a paper with students. "Medical practice in the U.S. is often dominated by technology," says Burke. "But when health care is happening, it's based on relationships." ■

THEATER

Seattle Theatres Lost & Founded

SEPT. 28, NOV. 9,
JAN. 25, FEB. 8, MAR. 14

A series of five free public readings of representative plays from seminal Seattle theaters of the past. The reading series will pay tribute to inspiring companies no longer up and running: Alice B. Theatre, Bathhouse Theatre, Empty Space Theatre, Northwest Asian American Theatre, and the Seattle Group Theatre.

Seattle Theatre Symposium

NOV. 20
The UW School of Drama Ph.D. program will host a half-day symposium, "Seattle Theatres Lost and Founded," examining the founding visions of our city's performing arts theaters.

MUSIC

ETHEL with special guest Robert Mirabal presents The River

OCT. 8

Critically acclaimed string quartet ETHEL and three-time Grammy Award winning flutist Robert Mirabal use music, narrative and Native American ritual to explore the spirit nature of rivers in this world premiere performance.

Youssou N'Dour

NOV. 8

Named "the world's greatest pop vocalist" by the *Village Voice*, Youssou N'Dour is Africa's best known living singer. His music absorbs an entire musical spectrum, from Senegalese mbalax to genre-defying rock and pop music.

UWAA Member Night at Nike

NOV. 20

Nike is opening its private store in Beaverton, Ore., exclusively to UWAA members! The day before the Huskies take on the OSU Beavers in Corvallis, members can stock up on the latest UW gear and more at discounts up to 50% off retail prices. Registration opens in October. Details soon at UWalum.com/events

FOOTBALL

Boise State Season Opener Pregame Party

SEPT. 4

Cheer on the Huskies in their season opener against the Boise State Broncos! With an appearance by the Husky Band, refreshments and tons of purple and gold spirit, the Stonehouse

Washington Warm Ups

Join the Huskies for these pregame parties before they take on their California rivals USC Oct. 8 and Stanford Oct. 24. Tickets for each are \$15 for UWAA members and \$20 for non-members.

UWalum.com/warmups

Husky Headquarters

Gather with alumni and fans at Husky Headquarters before the games at ASU Nov. 14 and OSU Nov. 21.

UWalum.com/football

presented by the UWAA. Enjoy the 10K run and 5K run/walk through the beautiful UW campus. After the race, there will be a Post-Dash Bash, featuring the Husky Pups Run, giveaways and more. Dogs are welcome! dawgdash.com.

DANCE

Sankai Juku

OCT. 1-3

Japan's finest example of contemporary Butoh. Declared "one of the most original and startling dance theater groups to be seen" (*The New York Times*).

Akram Khan Company

NOV. 12-14

Akram Khan Company is known for its fusion of the classical Indian form kathak with contemporary dance. The company makes its Northwest debut with *Kaash*, described as "startling, original, and beautiful" (*The Guardian*).

HOMECOMING

Class of 1965 Reunion

OCT. 15

Reunite with old friends and make new ones at the Class of 1965 Reunion Dinner celebration. UWalum.com/reunion

MAP Bridging the Gap Breakfast

OCT. 17

Support underrepresented multicultural students and alumni at the annual MAP Breakfast. Information on this year's Distinguished Alumni Award recipients and scholarship application can be found at:

UWalum.com/map

Homecoming Football Game and Scholarship Presentation

OCT. 17

It's UW versus Oregon in the annual Homecoming game. Don

BURKE MUSEUM

Titanoboa: Monster Snake

AUG. 22-NOV. 15

Deep in a Colombian coal mine, scientists discovered 60-million-year-old remains of the world's largest snake: a 48-foot, 2,500-pound predator that



The Cradle Will Rock

OCT. 28-NOV. 8

The Cradle Will Rock is a Brechtian allegory of corruption and corporate greed. Set in "Steeltown, USA," the story follows the efforts of Larry Foreman to unionize local workers and combat wicked, greedy businessman Mr. Mister, who controls the town's factory, press, church and social organizations. Written by Marc Blitzstein; directed by Valerie Curtis-Newton.

Member Night at Pacific Northwest Ballet's "The Nutcracker"

DEC. 13

Join us as PNB introduces George Balanchine's take on a holiday classic, featuring design by *Olivia* author Ian Falconer. Registration opens in October. UWalum.com/events

REGIONAL

Head of the Charles Regatta

OCT. 18

Cheer on the five-time national champion Husky men's crew team at the world's largest rowing regatta on the Charles River in Boston. Meet athletes and coaches, and reconnect with fellow alumni and friends. Details soon at UWalum.com/events.

UW in Shanghai

NOV. 13-14

The UW heads to Shanghai for its first-ever UW Innovation Summit, a Pac-12 basketball game between the Huskies and the Texas Longhorns (the only regular-season game ever hosted by a U.S. league in China) and the first all-Asia reception for alumni and friends. UWalum.com/shanghai



in Boise is the Husky pregame place to be. Tickets are \$15 for UWAA members and \$20 for non-members.

UWalum.com/football

Football Viewing Parties

Alumni communities nationwide gather to cheer on the Huskies this season! For locations, visit UWalum.com/football

your purple and gold and cheer on the Dawgs as they battle the Ducks for Pac-12 bragging rights. Watch for the UWAA scholarship presentation honoring exceptional student leaders.

Dawg Dash

OCT. 18

Run with the pack and support student scholarships at the 30th anniversary of Dawg Dash,

could devour a crocodile. Now "Titanoboa" has slithered its way to the Burke Museum.

Bug Blast

SEPT. 20

Bug out as thousands of specimens—dead and alive—fly, buzz or crawl to the Burke for this favorite annual family event. Get eye-to-eye with giant walking sticks, examine bugs of all kinds from the Burke's collections, try some buggy snacks, and more!

EVENTS

W Veterans Appreciation Week Reception

NOV. 5

UW veterans, ROTC juniors and seniors, students, staff, faculty, retirees and alumni are welcome to attend an evening reception to enjoy conversations with fellow servicemen and -women.

UWalum.com/veterans

GREAT OUTDOORS

Culinary Herbs

SEPT. 14

WSU King County Master Gardener Joan Helbacka discusses tips on growing, propagating and using herbs for cooking and as landscape plants.

RSVP: bit.ly/UWBGreg, urbhort@uw.edu, or call 206-685-8033

Bird Migration

SEPT. 23

Find out how and why birds migrate, and get a peek at local

species. Cost: \$15; \$20 after Sept. 16; register at bit.ly/UWBGreg or call 206-685-8033

LECTURES

W Equity & Difference: Keeping the Conversation Going

OCT. 6

An Evening with Harry Belafonte—Interview with professor Valerie Curtis-Newton

UWalum.com/equity

W Libraries Artist Images: An Evening with Richard Kehl

NOV. 6

UWalum.com/ArtistImages

W Graduate School Public Lectures

OCT. 15

Alexander Nagel, *The Renaissance Elsewhere*

NOV. 5

Amy Smith, *Innovation, Inclusion and Impact: Promoting Creativity and Design Strategies in International Development*

UWalum.com/lectures

W Robots to Web Trackers: Privacy in the Age of Smart Technology

OCT. 7

Franziska Roesner, *The Invisible Trail: Pervasive Tracking in a Connected Age*

OCT. 21

Dieter Fox, *Our Robotic Future: Building Smart Robots that See in 3-D*

NOV. 3

Tadayoshi Kohno, Batya Friedman and Ryan Calo, *Responsible Innovation: A Cross Disciplinary Lens on Privacy and Security Challenges*

UWalum.com/engineering

W Surviving Disaster: Natural Hazards and Resilient Communities

OCT. 13

David R. Montgomery, *Disasters Fast and Slow: From Catastrophic Landslides to How we Treat Our Soil*

OCT. 20

Jed Horne, *Ten Years After Katrina: Lessons Learned and Unlearned*

OCT. 27

Kate Starbird, *Social Media*

Use During Disaster Events: The Evolving Role of the Connected Crowd in Response and Resilience

NOV. 3

Jake Wood, *How to Lead and Succeed When It Matters Most* (This lecture is part of Veterans Appreciation Week.)

NOV. 10

John Vidale, *A Tale of Three Seattle Temblors: One Big, One Deep and One Direct Hit*

UWalum.com/hazards

W The Big Bang and Beyond: Four Excursions to the Edges of Time and Space

OCT. 21

Andy Connolly, *Unravelling Our Own Cosmic History*

NOV. 4

Miguel Morales, *The End of the Beginning*

NOV. 18

Julianne Dalcanton, *Building the Universe, Piece by Piece*

DEC. 2

Adam Frank, *Before Time, Beyond the Universe*

UWalum.com/bigbang



New From UW Press

Reclaimers

By Ana Maria Spagna

Spagna meets the people who persevered for decades to reclaim nature, seeking a way for herself, and for all of us, to take back and to make right in a time of unsettling ecological change.

uw.edu/press

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PUBLIC LECTURES

**SURVIVING
DISASTER:**

**NATURAL HAZARDS &
RESILIENT COMMUNITIES**



OCT 13 **DISASTERS FAST AND SLOW:
FROM CATASTROPHIC
LANDSLIDES TO HOW WE
TREAT OUR SOIL**
DAVID R. MONTGOMERY
PROFESSOR, COLLEGE OF THE ENVIRONMENT

OCT 20 **TEN YEARS AFTER KATRINA:
LESSONS LEARNED AND
UNLEARNED**
JED HORNE
PULITZER PRIZE-WINNING JOURNALIST
AND AUTHOR

OCT 27 **SOCIAL MEDIA USE DURING
DISASTER EVENTS:
THE EVOLVING ROLE OF
THE CONNECTED CROWD IN
RESPONSE AND RESILIENCE**
KATE STARBIRD
ASSISTANT PROFESSOR,
COLLEGE OF ENGINEERING

NOV 3 **HOW TO LEAD AND
SUCCEED WHEN IT
MATTERS MOST** PART OF
.....*.....
VETERANS
APPRECIATION
WEEK
UWalum.com/
veterans

NOV 10 **A TALE OF THREE SEATTLE
TEMBLORS: ONE BIG, ONE
DEEP AND ONE DIRECT HIT**
JOHN VIDALE
PROFESSOR, COLLEGE OF THE ENVIRONMENT

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**Alumni
ASSOCIATION**



From the UWAA President

As the UW Alumni Association moves on from the yearlong celebration of our 125th anniversary, we are buoyed by the memory of engaging with so many alumni and friends. We heard and learned so much from you. Thank you! We look forward to continuing to connect with our members and all of the UW community.

Active engagement has been instrumental to my own education and practice in pharmacy. Early in my career I saw the value of collaboration and education. Whether the challenge is changing a healthcare system to improve patient care or supporting higher education to maintain student access to a world-class university, I believe the fundamental tools are engagement, collaboration and education. In my current role as CEO of the Washington State Pharmacy Association—and in my role as co-chair of the legislative advocacy committee for UW Impact—I am focused on advocacy with our lawmakers.

A thread that has continued through all of this work is my deep conviction for the importance of the UW to our state and the world. As UWAA President I am committed to expanding our programming and presence throughout the state to share this message. The opening of the UW Spokane Center this past June was a great milestone for UW alumni living in Spokane and the surrounding



areas. We plan to build on this momentum.

We also want to build on our commitment to fostering mentorship opportunities between our alumni and students. These relationships were crucially important to me and I want as many Huskies as possible to have access to the tremendous network of UW professionals.

Whether at a UWAA sponsored lecture, UW Impact event or a Husky football game, where I'll be purple-clad with my wife and daughters, I look forward to meeting you and sharing in our UW community. Go Dawgs!

JEFF ROCHON, '99
UWAA President, 2015-2016

Nifty Fifty

Lionel E. Ditz, '67
John Huguenin, '69
Susan K. Lemke, '68
Robert Malstrom, '68
Gary Neeman
Lou Sackmann, '68
Dave Tegeler, '67, '68
Douglas Thompson, '67
Mary Westcott Svela, '68
Gary Wirt
Charlie Zimmerman, '72
Pat Cranston
(professor emeritus)

LATER THIS MONTH, A MOTLEY GROUP of U.S. and Canadian citizens will gather at a restaurant in Mukilteo and you can be certain the authorities will be on guard. For there's a good chance that entourage is going to carry on and make a lot of noise—mostly in the form of loud laughter. And why not? It will be the 50th reunion of this gang of McMahon Hall alums. Even though they are scattered all over two countries, they gather every year.

This gang met way back when Lyndon Baines Johnson was president and McMahon Hall—one of the UW's first co-ed dorms—had opened in 1965. And what a time it was. "It was a very interesting and often tumultuous time," recalls Randy Williamson, '73, of Seattle, "given the protests about the Vietnam War, the hippie movement, etc. However, most of us were not part of that and just tried to survive in an atmosphere of studying hard and getting good grades."

But studying wasn't the only thing on their minds. While the women lived in one wing and men in another, they would often meet in the room of Charlie Zimmerman, '72, and Lionel E. Ditz, '67, the group's lone foreigner (OK, he was from Canada) for a smoke or a beer. "I was the only one over 21, so I ran out for beers," Ditz says from his home in Winnipeg. "Then I ran downstairs to get some ice from the kitchen."

On the academic side of things, Zimmerman and Dave Tegeler, '67, '68, both engineering students kept things entertaining by making homemade rockets and launching them to see how they would lift off. As you can imagine, it made for fun viewing.

For a slide show of the members of the McMahon Hall gang, to go UWalum.com/columns

2015 **UWAA** 2016

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In Memory

Alumni

Alan Tubbs, Pittsford, N.Y., April 9.

1930

Clifford A. Bartells, '30, '36, Mercer Island, age 106, April 27.

Ernie Anderson, '36, Tumwater, age 100, June 14.

John M. Davis, '36, '40, Mercer Island, age 101, April 17.

Jeanette Lowen, '37, Seattle, age 99, April 22.

1940

Wilma B. Haslund, '40, Seattle, age 97, May 28.

Dorothy P. Reese, '40, Seattle, age 97, May 17.

Margaret M. Norton, '42, Redmond, age 93, May 29.

Margaret S. Cox, '43, Issaquah, age 95, April 20.

Gordon W. Moss, '43, Indianola, age 94, April 16.

Harris Emmons II, '44, Seattle, age 95, April 18.

Lois K. Champion, '46, '49, '59, Mukilteo, age 90, May 8.

James G. Rosaaen, '46, '49, Bellevue, age 88, April 8.

William H. Daudistel, '47, Portland, Ore., age 91, Feb. 5.

Andrew S. Hess, '47, Seattle, age 91, May 23.

Richard Rice, '47, Kirkland, age 91, May 9.

Gloria M. Share, '47, Edmonds, age 89, June 9.

Evelyn N. Virgin, '47, Bellevue, age 92, Jan. 13.

Barbara R. Brink, '48, Seattle, age 88, April 1.

Charles P. Darnton, '48, Hansville, age 90, April 15.

Takashi Sakuma, '48, '08, Seattle, age 95, May 5.

Jean B. Spencer, '48, Everett, age 89, May 9, 2013.

Robert A. Spencer, '48, Everett, age 89, April 26, 2009.

John W. Westergaard, '48, Seattle, age 94, May 30.

Robert A. Trager, '49, Indio, Calif., age 91, June 3.

1950

Robert F. Jorgensen, '50, '58, Bellevue, age 88, May 17.

Frances C. Kintner, '50, Mill Creek, age 89, May 28.

Robert Patterson, '50, '59, Carnation.

Richard J. Beam, '51, Carlsbad, Calif., age 90, April 15.

Rollin L. Hurd, '52, Woodinville, age 89, March 31.

Edward W. Taylor, '52, Seattle, age 84, May 21.

William L. Bohlin, '53, Atlanta, age 85, June 19.

Nicholas Lacy, '53, '57, Seattle, age 80, May 3.

Emily-Jean McCleary, '54, Gig Harbor, age 82, April 18.

Richard D. Moulton, '54, Sun Valley, Idaho, age 88, May 27.

Astrid N. Odegard, '54, Seattle, age 82, April 20.

David J. Mezistrano, '55, Mercer Island, age 81, May 22.

Bruce H. McKibbin, '55, Seattle, age 83, June 14.

John M. Yamada, '55, Vale, Ore., age 82, May 16.

Henry K. Mills Jr., '56, Seattle, age 82, May 11.

Richard A. Sanderson, '56, Lynnwood, age 85, March 30.

Carolyn S. Muri, '57, Kirkland, age 79, April 8.

Shirley J. Sievers, '57, Everett, age 80, May 14.

Jack B. Varon, '57, Seattle, age 88, June 19.

Jeanne M. Hansen, '58, Seattle, age 85, March 5.

Homer B. Lupton, '58, Mercer Island, age 88, April 13.

William M. Pattison, '58, Everett, age 81, April 8.

Theodore F. Roth, '58, Longview, age 94, April 21.

Michael A. Katsaros, '59, '61, Freeland, age 79, June 2.

Ralph M. Shape, '59, Seatac, age 79, June 21.

1960

Robert M. Hitchens, '60, Des Moines, age 78, June 6.

Kenneth McLean, '60, Bellevue, age 82, March 29.

Barbara B. Massie, '62, Lynchburg, Va., age 75, June 10.

Patricia A. Wenke, '62, Bellingham, age 74, Dec. 13.

Patricia Chamberlain, '63, age 78, April 22.

Frank W. Frisk Jr., '63, '65, Arlington, Va., age 75, May 19.

Paul Pascal

1925–2015

In 1953, Paul Pascal and his wife Naomi drove across the country to Seattle so he could begin a one-year appointment teaching classics at the UW. That kicked off a 38-year teaching career that resulted in Pascal becoming one of the most beloved teachers in UW history. (Naomi found a job at UW Press—and stayed there for 54 years.) In addition to his extraordinary ability to breathe life into characters and days long past, Pascal was known for his annual “Eruption of Mount Vesuvius Picnic.” Jill Anderson, '71, '93, of Vashon Island, remembers her former professor: “Dr. Pascal was the consummate storyteller—knowledgeable, articulate, funny, dramatic and possessed of an impressive vocabulary. The large class sat silently so as to catch every nuance and every aside. My life is richer thanks to Dr. Pascal.” He loved to play the flute and was an avid chamber music player for much of his life. Pascal died May 11 at the age of 90.—Julie Garner

Kathryn Barnard

1938–2015

Kathryn Barnard fought for babies her entire professional life. A professor in the School of Nursing from 1963 until her retirement in 2006, Barnard was an international legend in the field of infant mental health. Barnard, '72, helped invent a rocking bed that improved premature infants' weight gain, motor and sensory functions. Nancy Fugate Woods, '69, former nursing school dean, said that Barnard also used satellite communications technology to train tens of thousands of nurses around the globe about infant development and parenting. “Professor Barnard was such an inspirational nurse, researcher and educator. Her death is such a loss to the child and family health nursing world. Because of her research, nurses in many countries including Australia will continue to change the lives of infants and parents,” said Cathrine Fowler, a nurse in Sydney, via Facebook. Barnard died June 27 at the age of 77. A memorial service is planned for Sept. 28 at 1 p.m. in the auditorium of the Center on Human Development and Disability.—Julie Garner



ANDY NELSON/THE SEATTLE TIMES



SUSAN PASCAL

Joel R. Giard, '63, Tempe, Ariz., May 22.
 Dennis D. Peterson, '63, Seattle, age 75, June 15.
 Richard Selby, '63, '65, San Tan Valley, Ariz., age 73, April 30.
 Orville E. Trapp, '63, '65, Olympia, age 77, Dec. 21.
 Henry P. Bell, '64, Seattle, age 83, June 17.
 William Boland, '64, Olympia, age 82, April 23.
 Annelies Clauson, '64, '67, Kirkland, age 95, April 1.
 David T. English, '64, '67, '68, Redondo Beach, age 72, March 7.
 Linda B. Garton, '64, Seattle, age 72, Feb. 25.
 Sandra Mjolsnes, '64, '69, Anchorage, Alaska, age 73, March 28.
 Keith E. Howe, '65, Fall City, age 73, Dec. 25, 2013.
 Allan Lawson, '65, Seattle, age 86, April 15.
 Elaine K. Wetterauer, '65, Seattle, age 71, March 20.
 James M. Jacobsen, '66, Seattle, age 72, May 29.
 Robert M. Johnson, '66, Seattle, age 80, May 17.

Ann Rule

1931-2015

Armed with a creative writing degree from the UW, Ann Rule got her start writing for baby care magazines—and *True Detective*. Her big break came in 1980, when she penned a true-crime blockbuster about a stone cold killer. The book, *The Stranger Beside Me*, captured the life and crimes of serial killer Ted Bundy. Rule, '53, was able to offer a personal picture of Bundy because the two became acquainted as volunteers at a Seattle suicide hotline. By the time Rule died on July 26 at the age of 83, she had written 30 books and changed the face of crime writing. A spokesperson at Simon & Schuster said, "By deciding to focus her books on the victim, Ann Rule reinvented the true-crime genre and earned the trust of millions of readers who wanted a new and empathetic perspective on the tragic stories at the heart of her work."—*Julie Garner*



BETTY UDSEN/THE SEATTLE TIMES

Anthony Churchill, '67, Chevy Chase, Md., age 76, Feb. 28.
 Jeanne Llewelyn, '67, '71, Priest River, Idaho, age 87, March 22.
 Sharron D. McCoy, '67, Tallahassee, Fla., age 79, April 28.
 Mark S. Neils, '67, Scottsdale, Ariz., age 70, June 21.
 Eileen E. Olson, '67, Woodinville, age 97, March 19.
 Peter C. Runke, '67, Seattle, age 71, May 1.
 Ozell Gaines Jr., '68, '69, Shoreline, age 79, Feb. 26.
 Alice Gross, '68, '72, Lummi Island, age 84, May 4.
 Constance M. Jaeger, '68, '84, Federal Way, age 82, May 3.
 Terry J. O'Connor, '68, Tacoma, age 69, May 3.
 Ruth Baugh, '69, Sammamish, age 97, April 13.
 Deesa M. Haas, '69, '72, Seattle, age 68, April 13.
 Timothy V. Hoard, '69, Lynnwood.

1970

Steve Kirk, '70, Woodinville, age 70, June 10.
 Barbara A. Bashaw, '71, Tacoma, age 76, Jan. 24.
 Jean Beck, '71, Seattle, age 91, Feb. 3.
 Robert C. Dickerson II, '71, '76, Seattle, age 68.
 John D. Walsh, '71, Anchorage, Alaska, age 70.
 Daniel C. Clement, '72, Seattle, age 70, May 28.
 Richard D. Atherton, '73, Camano Island, age 67, April 20.
 Anne Croco, '73, Seattle, age 64, April 30.
 Richard Weiland, '73, Clarkston, age 67, Feb. 20.
 Robert Downing, '74, Shoreline, age 86, April 12.
 Mary F. Hayward, '75, Spokane, age 74, June 3.
 Eileen C. Bouniol, '76, Kenmore, age 91, Jan. 22.

James E. Burger, '77, '87, Riga, Latvia, age 61, Aug. 31.
 Carol L. Channell, '78, Petaluma, Calif.
 Michaela O. Anderson, '79, Renton, age 58, April 17.
 Patricia Hayden, '79, Seattle, age 86, April 16.

1980

Mimi Barnecut, '80, Duvall, age 64, March 21.
 Fabian N. Acosta, '81, Seattle, age 73, March 24.
 Vanessa E. Jensen, '81, Bothell, age 57, Feb. 7.
 Mark Strathy, '81, Brooklyn, N.Y., age 62, May 18.
 Mark Dion, '83, Seattle, age 65, April 12.
 James D. Morrison Jr., Mercer Island, age 54, April 10.
 David O'Donoghue, '85, Sonoma, Calif., age 54.
 Michael S. Rademaker, '85, Seattle, age 55, April 12.
 Ann Mona L. Henrie, '89, Seattle, age 50, May 18.

1990

Clive W. Graham, '92, Gold Bar, age 63, April 29.
 Mary E. McCrone, '93, Seattle, age 51, May 5.

2000

Sharon M. Delaney, '09, Wilsonville, Ore., age 62, April 5.

2010

Ai C. Moore, '14, Princeton, N.J., age 90, June 13.
 Christian D. Youtz, '14, Seattle, age 32, May 24.

Continued on page 58

In Memory continued

Faculty & Friends

William Chalk, '50, '64, was a professor of engineering here for 35 years. He joined the U.S. Navy, served in World War II and attended the UW on the GI Bill. Chalk liked a game of cribbage and watching movies. He died April 12 at the age of 88.

Warren Chan, '49, '50, was the first Asian American to win election to serve as a judge on the King County Superior Court. He was the first Chinese American attorney in Seattle in 1960, and retired in 1992 as a senior Superior Court judge in the state of Washington. He died June 15 at the age of 92.

Valentine D. Dmitriev, '38, '67, '79, was the founder and past coordinator of the Model Program for Children with Down Syndrome at the Experimental Education Unit. She died June 4 at the age of 96.

John DuGuy, '58, rarely missed a televised Husky football game once he couldn't attend in person. He was cremated with two Husky blankets made by family members. DuGuy died Feb. 23 at the age of 87.

Jack V. Haney, '62, was a professor in the Department of Slavic Languages & Literatures for more than 35 years. He spent many hours with his stamp collection, reading in his garden and growing tomatoes. Haney died April 17 at the age of 74.

Robert P. Kraft, '47, '48, was an eminent astronomer and former director of the University of California Observatories. He also taught courses on wine and music, with a particular passion for Beethoven. Kraft died May 26 at the age of 87.

Richard Layton, '54, who received the 2014 UW Distinguished Alumni Veteran Award, died June 8. A member of the School of Medicine's fifth graduating class, he went on to serve as a pioneering physician in the WWAMI program. He was 88.

Verna MacLean, '54, worked at the Jackson School of International Studies from 1971 until her retirement in 1994. Her favorite role was acting as a second "mom" to wayward graduate students. MacLean died May 22 at the age of 82.

Karl-Åke H. Omnell, dean of the School of Dentistry from 1981 to 1992, died in July. A native of Lulea, Sweden, he was recruited to the UW from the National Institute of Dental Research, and taught here until his retirement in 2007. He set high standards for clinical competence and stressed the importance of research in dental education. He was 88.

Joseph Velikonja was a professor emeritus of geography. A native of Yugoslavia, he specialized in early 20th century Italian migration but was fascinated by the American West and loved to visit ghost towns and old cemeteries. Velikonja died in Slovenia on May 23 at age 92.

Bob White, '60, lettered for three years as a tackle for football coach Jim Owens and was part of the Husky team that beat Wisconsin in the 1960 Rose Bowl. White died April 21 at the age of 76.



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