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WINTER 2016



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Friends, Donors, and Irrational Love

It's awe-inspiring to think that every gift in our campaign, from more than 80,000 of you, now totaling more than \$1.5 billion, is transforming this campus. In each and every one of these gifts you can see generosity at work. Collectively, they are driving the key objectives of our campaign—striving for excellence, ensuring student access and success, and creating one of the country's most unique and innovative student experiences in and out of the classroom.

In this issue of *Oregon Quarterly* you'll read about the impact of some of these gifts, and how they are returning much more than their face value, in ways both visible and intangible. The \$500 million lead gift by Penny and Phil Knight to launch a new science campus will return billions in sponsored research, improve the health and well-being of society, and be an engine for Oregon's knowledge-based economy. Gifts from Mary and Tim Boyle, Lorry I. Lokey, and Cyndy and Ed Maletis are ensuring a bright future through our trailblazing genetics research facilities, the new Allan Price Science Commons and Research Library, and our growing business college. Carol and Tom Williams' foresight in seeding faculty creativity has produced 20 years of memorable innovation in our classrooms. The many thousands of alumni and friends who have donated to scholarship funds have given a head start to recent grads like Chloe Huckins, Katty Kaunang, and Graham Simon.

I often refer to the generosity of our donors as an act of "irrational love" for the university. I know this to be true because our increased levels of giving over the past six years have come during a time of significant transition and change. Why would anyone invest in a time of such change other than because of a deep belief and commitment?

There's another sign. Several of our most celebrated recent gifts—from the Boyles, from Gwen and Chuck Lillis (volcanology), from Cheryl and Allyn Ford (Pacific Hall), from Connie and Steve Ballmer (obesity prevention), and now Penny and Phil Knight—were for areas outside of their academic degrees, professional fields, and previous giving. What would inspire a donor to invest so deeply in these areas? To me, it can only be explained by the fact that our alumni and friends sense that this is the university's moment—that this is a time for our most loyal volunteers to act in a leap of faith, trust, and, yes—irrational love—to ensure that we reach our full potential. Our faculty, students, staff, alumni, and state deserve this extraordinary level of purpose and opportunity. This is what makes Ducks Ducks.

We are so grateful for your trust. It's our pledge to reward your confidence with focused attention to the needs, ambitions, and aspirations of our students, faculty members, and the broad UO community, and to create the kinds of impact detailed in this edition's stories.

Thank you,



Mike Andreasen

Mike Andreasen is the UO's vice president for advancement.

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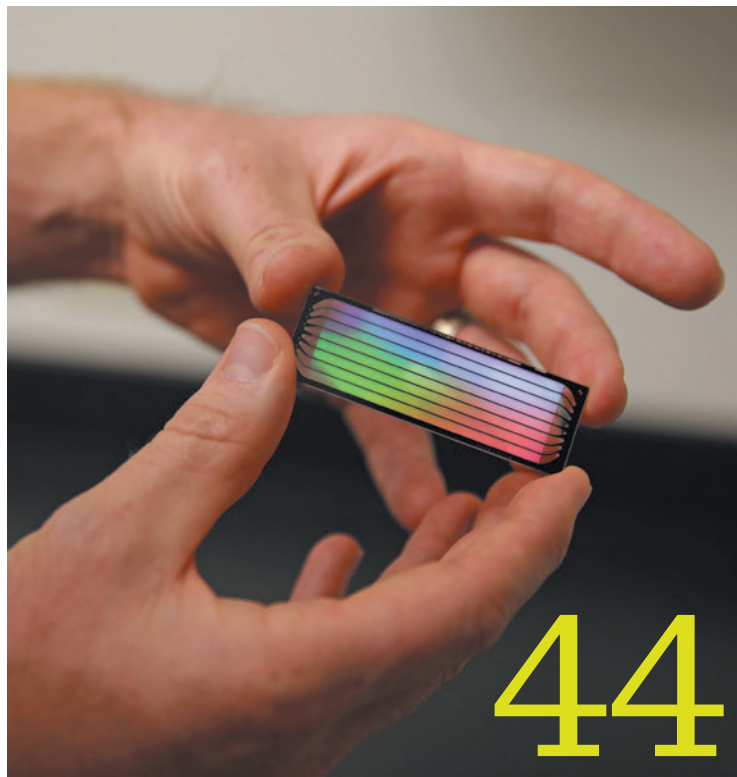
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“The people capital, that’s going to be one of the biggest legacies of this gift.”

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—KAREN GUILLEMIN
PROFESSOR, BIOLOGY



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ON THE COVER

Bill Bowerman's experiments with waffle-soled running shoes and his business partnership with Phil Knight, BBA '59, gave birth to a company that revolutionized an industry. That UO ingenuity has now come full circle as Knight and his wife have made a \$500 million lead gift to launch the Phil and Penny Knight Campus for Accelerating Scientific Impact. The waffle iron (Shutterstock) is a replica. The impact of the Knight's gift is real.

Watch a video of the gift announcement at around.uoregon.edu/revolution



Oregon

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MORE TO LOVE See additional materials—including video—related to stories in the print edition, and read stories not found in the pages of this publication.

LEARN MORE For more stories about the university, and to explore the research, discovery, and innovation happening on campus, visit around.uoregon.edu.

JOIN IN Submit letters, class notes, and photos for our “Ducks Afield” section at OregonQuarterly.com.

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BIG BANG REALITY

The story behind Penny and Phil’s Knight’s astonishing gift, which will establish a thriving new science campus at the UO.

BY GEORGE EVANO

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O, THE PLACES YOU WILL GO

Where does the road after college lead? Scholarships helped three 2016 grads take adventurous steps.

BY ED DORSCH

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UNWINDING THE STRANDS, UNLOCKING THE SECRETS

You wouldn’t think an outdoor apparel magnate would be keenly interested in genetic sequencing. But Tim Boyle has a compelling reason.

BY JIM BARLOW

Special Collections

I enjoyed reading the “Hidden Gems” article about the UO Libraries Special Collections. My first job after graduating was as the first full-time development director for the UO Libraries, during which time we raised the money for the Knight Library renovation and expansion that was completed in the early 1990s.

My office was the former Burgess Room that housed the Burgess Collection of Rare Books and Early Manuscripts and is now the MacKinnon Reading Room, renovated and named in gratitude for the support of Mildred P. MacKinnon.

I vividly remember being fascinated by Ken Kesey’s kaleidoscopic collages when they were being processed for preservation; sorting through Gordon Gilkey’s detailed etchings of the original WPA building’s construction as



we prepared to celebrate the building’s 50th anniversary; hosting donors in the Oregon Collection Reading Room; and learning the meaning of the word “incunabula.” The Special Collections are an important part of our collective history as alumni, Oregonians, or friends of the UO.

Thank you for the trip down memory lane.

Laura C. Simic, BA '96

Vice President for University Advancement
Boise State University

Regarding your “Hidden Gems,” I see changes have been made at the library since I last visited. Three years ago I very politely requested “an audience” with a volume or two of the Edward S. Curtis *The North American Indian*. I was told promptly, curtly, and quite unconditionally—no.

My 80-year-old father and I then drove to Seattle (home of the Huskies), where I asked their librarian the same question. We were allowed to see, feel, and photograph any and all volumes.

Occasionally, I regret that one of my daughters attended Washington, and other times? Well, not so much.

Winston R. Williams, BS '78
Gig Harbor, Washington

Editor’s note: We forwarded this note to Andrew Bonamici, associate dean of the UO Libraries. His response is as follows:

While I certainly understand and regret your disappointment in not seeing this work when you visited several years ago, there are several reasons why we do not pull our original Curtis volumes on a walk-in basis. The first is fragility. The North American Indian was printed on three types of papers. Our set is one of the very few printed on Japanese tissue paper, sometimes called India proof paper. This material allows for an exceptional quality of print, but it is extremely fragile—roughly equivalent to toilet paper.

Besides being fragile, they are large, cumbersome volumes. Even with minimal handling by trained library staff, we have sustained some damage that required professional conservation treatment. The University of Washington’s set is printed on one of the heavier stocks, which may explain their more liberal access and handling policy.

I hope this is helpful information. To learn more about our Curtis volumes and alternative editions, along with contact information to find out about scheduled viewing days, visit

researchguides.uoregon.edu/scua-books/curtis. Please don’t hesitate to contact me if you have additional questions. Best wishes, and thanks for your interest in the UO.

Innocent until proven . . .

In his letter to the editor (Autumn 2016), Clatsop County district attorney Josh Marquis says that his job is to “prosecute criminals.” Incorrect. His job is to prosecute people who have been charged with a crime. Those individuals remain innocent until they are proven, or plead, guilty. Juries and judges determine who is properly labeled a “criminal,” not district attorneys.

Chuck Corrigan, JD '76
Portland

I have known Joshua Marquis since he was in law school. He is a talented and dedicated public servant, having been district attorney for Clatsop County for 22 years. His letter

As fans, what we celebrate matters.
The family traditions.
The game day traditions.
Not being afraid to challenge tradition.

Where we've come from matters.
Bowl wins.
Championship games.
Heartbreaking losses.

What we support matters.
The students who work here.
The university and its people your purchases support.

So, this holiday season, come see us not for the biggest sale or
the cleverest gimmick.

Come see us because what matters to you, matters to us.



appearing in the Autumn *OQ* is unfortunate in that it denigrates a young woman who advocated for an incarcerated woman. In fact, Marquis denigrates all who defend people accused of crimes. If he had paid attention in his constitutional law and criminal law classes he took at the School of Law, he would appreciate that criminal defense attorneys are an important constitutional component—to the same degree as are prosecutors—of our criminal law system.

David Jensen, JD '69
Eugene

Satisfied Readers

About a week ago I finished reading your summer issue of *Oregon Quarterly*.

I was surprised to hear you say that your mail is down, as I have often finished reading this publication from cover to cover and made a mental note to write you about the quality of your publication. I find it hard to put down, since each article is so interesting and describes all of the new innovative strategies and programs happening at the college.

This issue—starting with the story on the new Scottish Requiem, the notes on the disabilities studies program, and Robert Kyr's success with his new composition, the articles about online safety, the neuroscience of the brain, the reimagining music piece, research on climate change, the invention of Nike footwear at the UO, Madeline Bailey's interest in criminal justice, the two gentlemen that are rethinking health care after a trip to Cambodia, fossil discovery by accident, and last, but not least, the tragic and tender story of "At School, A Shooting"—was amazing. I found the magazine difficult to put down.

I love what you do and it has made me happy that I have endowed the UO in my estate. I know that good will come from a school as diverse and open to change and innovation as the UO.

Keep up the great work.

Lynda Schwab Edmundson
Shokan, New York

I greatly enjoyed the "Ski Bums" article in the last issue. I knew some of those fellows while I was at Oregon.

I was sorry to not see a mention of Neil Mathison, BBA '54. He became a well-known person in the truck financing business with CIT and Northwest Acceptance Corporation.

Neil joined us once on an airplane trip to Pullman for a Ducks-Cougars game that was enjoyed by all. Tragically, Neil died shortly after.

Jerry Beall, BBA '55



I congratulate *Oregon Quarterly* and Melody Ward Leslie on the superb quality of the article about the life of James Landye, JD '34. Jim was a giant in Oregon's legal history in the 20th century. Not only "the most brilliant lawyer in the history of the UO Law School," as quoted by Wayne Morse in the article, but surely a candidate for most brilliant lawyer in our state's history as well. And so well captured in the article.

Joe Richards, BA '51
Eugene

Inspirational Professor

I have been behind on my reading, so I just discovered your faculty *in memoriam* for Professor Greene. I was shocked and saddened to learn of his passing. I tried to take practical courses related to my coastal environment and areas of legal interest in law school. In my late 20s I was in a country rock band, in the era of the Eagles and the Allman Brothers Band, with disco coming on full tilt. Taking entertainment law from Dennis was the one class I took just for me. It was a guilty pleasure. He taught us to think in practical

terms about how things work in the world of entertainment and celebrity. The cases were about my musical heroes. I cherish the experience and am sure others who were his students share my sadness at his passing. He is missed.

Nyla Jebousek, BA '94, JD '97
Newport

Mixed Messages?

Departed *Oregon Quarterly* editor Ann Wiens was at the helm when the Autumn 2014 issue was published. The cover story involved an environmental lawsuit. The article asked, "Does the public trust doctrine that underlies the protection of our air, water, and endangered species apply to climate?" The article left no doubt that the climate crisis is intensifying. Fast forward to the Spring 2016 issue. Ms. Wiens wrote a laudatory article on a woman scientist who is researching cement used in hydraulic fracturing (fracking), and uses for coal byproducts.

Coal is the filthiest fossil fuel. Fracking involves injecting water and chemicals at high pressure, deep underground, to release natural gas and oil. This causes pollution of the water table, seismic instability, and greenhouse gases released into the atmosphere. It appears that Ms. Wiens donned blinders in her enthusiasm to feature a woman scientist.

Philip Ratcliff, BA '79
Salem

Where's Alaby?

I just received the Autumn 2016 edition of the *Oregon Quarterly*, and was dismayed to find no mention of Alaby Blivet and his wife Sara Lee Cake in the Class Notes. These folks are sacred icons to those of us in the 1960s. Please don't omit them.

Jane Sanford Harrison, BA '62, PhD '81

We want to hear from you.

Submit your letters at OregonQuarterly.com, by email to quarterly@uoregon.edu, or by mail to Editor, *Oregon Quarterly*, 5228 University of Oregon, Eugene, OR 97403-5228. You may also post comments online at OregonQuarterly.com. Published letters may be edited for brevity, clarity, and style.



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Bold Steps

In October, I had the pleasure of announcing that two extraordinary members of our university family, Penny and Phil Knight, gave an unprecedented \$500 million to the University of Oregon. This act of incredible generosity will transform scientific research and innovation on our campus and around the state as we launch the Phil and Penny Knight Campus for Accelerating Scientific Impact. The Knights' gift is the largest ever to a flagship public university.

The focus is simple—accelerate the cycle of inquiry, discovery, innovation, and impact. The goal is clear—improve the human condition and our world. How will we do this? By building new facilities and populating them with world-class scientists, equipment, students, and programs. These investments will transform our university and fuel economic growth in our region.

You can read much more about the impact of this amazing gift and the generosity of the Knights in this edition of *Oregon Quarterly*, but I would like to tell you a bit more about the impetus for the Knight Campus.

This vision for transforming scientific research came directly from our faculty and will be built on the UO's well-established history of interdisciplinary collaboration.

Upon my arrival in Eugene almost a year and a half ago, my many discussions with students, alumni, and members of the faculty and staff highlighted the clear need for the UO to focus on enhancing our research efforts. We had fallen behind our peers in research excellence and we were not reaching our full potential for providing benefits to students, the state, and society.

Although the university has always had faculty members who did pathbreaking fundamental scientific research, the absence of both engineering and medical schools severely limited their ability to take the discoveries they made in the laboratory and turn them into new products or cures. Many of our scientists eagerly wanted to see their work make an impact on the world.

So, I asked a group from the science faculty to put together ideas for an applied science research initiative. They came up with a big idea. I shared that idea with Penny and Phil Knight, and they enthusiastically agreed to a gift that will fund the first phase of the Knight Campus.

When fully implemented over the next decade, the Knight Campus will comprise three laboratory buildings where some 750 faculty members, graduate students, postdoctorate researchers, and undergraduate research assistants will work together with the latest tools and techniques. This unique environment will remove traditional barriers to bringing discoveries out into the real world.

The economic benefits from the Knight Campus will begin immediately as we hire faculty members and construct the buildings, and will remain ongoing as it attracts new professors, students, and industries to our community. Not only will this initiative pump \$80 million a year into our region, it will help our state move into a knowledge-based economy with higher-paying jobs.

I am thankful to so many people who made this gift possible: our alumni and supporters who helped pave the way for this monumental gift through their advocacy and support, our board of trustees who pushed us to reach for the sky, and our faculty who dreamed up this big idea. And of course, I am deeply thankful to Penny and Phil Knight who have supported our programs in academics and athletics with enormous generosity that is stunningly apparent across campus.

This gift is awe-inspiring. We cannot yet imagine the problems the Knight Campus will help solve and the lives it will help improve, because science, by its very nature, is unpredictable. But what we do know is that Penny and Phil have allowed us to dream big—and not just dream, but make our dreams come true.

Go, Ducks!

Michael H. Schill
President and Professor of Law



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intro



Autumn in Oregon

A patchwork of brilliant fall foliage mirrored in the reflection pool at the John E. Jaqua Academic Center for Student Athletes highlights the changing season on campus. Surrounding the building on all four sides, the reflection pool was designed to create a tranquil environment conducive to introspection, study, and learning.

State of the Union

With its tasty eateries, modern study areas, and light-filled spaces for clubs and student services, the Erb Memorial Union (right) is open and ready for business again following a three-year renovation period that started in spring 2014. “I am so excited and honored to present a space where we can come together as a community,” says Laurie Woodward, EMU director. “There is really something for all.”

The EMU has been the heart of campus since opening in 1950—a place where students gather for everything from a last-minute study group to an exciting Fishbowl Friday. The renovated building has a new auditorium for hosting movies, lectures, and other events. The Craft Center holds classes and workshops, and offers space to let loose and get creative. Falling Sky Pizzeria and Public House, one of a number of eateries, is the best place to stop for a cheesy, oversized slice and a pint of locally crafted ale. Dessert is just around the corner at Red Wagon Creamery, where you can indulge in a scoop or two of mint chocolate chip or salted caramel.

The Duck Store also has a spot in the EMU. A new wellness center called the Duck Nest serves as a place for students to de-stress. The Associated Students of the University of Oregon and many student organizations also have offices where Ducks work together to better their communities.

Spacious study spaces with plenty of tables, comfortable chairs, and cozy booths are scattered throughout each floor. Although the EMU has always been a place for community and collaboration, the new renovations have made connecting and making memories with fellow Ducks even easier.



Greenland is Melting

A newly released paper coauthored by UO doctoral student Dustin Carroll and his mentor, David Sutherland, addresses why Greenland’s ice is melting from both top and bottom.

The paper, published in the journal *Geophysical Research Letters*, highlights the dangers of rapid ice loss. Massive water surges caused by melting ice start at the surface of Greenland, then flow under glaciers and enter into tremendously deep areas of the ocean. “This river of fresh meltwater is lighter than the salty ocean water, so it rises as a plume along the glacier,” Carroll says. “The plumes entrain warm ocean waters and transfer the heat into the ice, melting and causing a glacier face to erode, often from the bottom up. This can cause the glacier to become unstable, calve more icebergs, and retreat inland.”

Scientists are now trying to predict if this is an indicator of how fast we’ll lose ice this century. “Ultimately, understanding how the ocean controls loss from ice sheets is critical for predicting global sea-level rise,” Carroll says.



STUDENT DESIGNS FOR PARALYMPIANS

Students in the UO’s Portland-based adaptive products class, where they create innovative product designs for athletes with disabilities, had the chance to work with the Rio 2016 US Paralympics team, and were then featured along with their work in *Portland Monthly*. The students worked with Terrazign, a textile studio in Portland, to create functional, innovative gear for the rugby team, designing gloves and armguards sported by rugby player Seth McBride during the Paralympics.



Woodrum

FROM NURSING TO NASA

Even when Charity Woodrum was a nurse, her heart was in quantum mechanics and her eyes focused on the stars. Finally, after reading everything she could find by Stephen Hawking, she made the bold decision to pursue her dream of becoming an astrophysicist. “I chose the UO because it has a strong physics program, the best in the state,” says the junior from Myrtle Creek, Oregon.

The mother of a two-year-old, Woodrum quickly distinguished herself by winning UO’s Weiser Undergraduate Research Prize. Next, she became the second UO student in two years chosen for a prestigious summer internship with NASA, where she joined the hunt for gravitational waves.

Now she’s cowriting a paper on galaxy evolution—for the *Astrophysical Journal*—with the associate director of the Gemini Observatory, and is well on her way toward her career goal of working for a large telescope facility.

Dunn Undone

Following the recommendation of President Michael H. Schill, the UO’s Board of Trustees voted unanimously to change the name of Dunn Hall, a dorm named for 1920s- and 30s-era classics professor Frederic Dunn.

The Black Student Task Force had identified the name as offensive because Dunn was an “exalted Cyclops” in the Ku Klux Klan. “Frederic Dunn was the head of an organization that supported racism and violence against African-Americans, Catholics, and Jews,” Schill said. “No student, particularly no student of color, should have to move into a residence hall named for a man affiliated with one of the most despicable organizations in American history.”

The building will be temporarily named Cedar Hall until a permanent name is selected through a process with broad input.



Where Past is Paisley

Who were Oregon’s first people, and when did they get here? How are ancient Oregon cultures reflected in the traditions of today’s tribes? Visitors to the Museum of Natural and Cultural History can explore these questions at the newly redesigned exhibit “Oregon—Where Past Is Present.”

The revamped exhibit features rare artifacts, enhanced basketry and weaving displays, touchscreen learning stations, and an interactive zone titled “Paisley Caves and the First Americans.” Through remains like stone tools, woven fibers, and even ancient feces, this exhibit tells the story of Oregon’s earliest known human occupation as well as the more recent story of how research by museum archaeologists is reshaping long-held theories about the peopling of the Americas.



ENDOWMENT FOR LUNDQUIST DEAN

Sarah Nutter, who becomes dean of the Charles H. Lundquist College of Business on January 17, will have additional resources thanks to a \$5 million naming gift from Cynthia, BA ’78, and Edward Maletis, BS ’76. “Cyndy and Ed share a passion for education and a ‘Go, Ducks’ spirit that is simply infectious,” says interim dean Bruce Blonigen. “Their contributions to the UO and the Lundquist College have now helped us secure a new dean, as well as retain top-tier faculty members and assist outstanding students. We’re so grateful for this support, which will have an enduring impact on the college.” The income from the endowment created by the gift will provide the Edward Maletis Dean with resources to take advantage of fast-rising entrepreneurial and strategic opportunities, Blonigen said.

Science Rising

The UO's sparkling new science library, spacious, modern, and light-filled, provides a collaborative hub for students and faculty.

BY MELODY WARD LESLIE



After 20 months of construction, the new Allan Price Science Commons and Research Library debuted in October to rave reviews.

The library had been hidden from sight underneath a concrete courtyard for decades. And it had long since outgrown its space, due to a 72 percent surge in the number of science majors over the last 15 years.

The new 40,000-square-foot commons offers a breath of fresh air for science students and faculty members. It contains an abundance of classrooms and study spaces (including discipline-specific rooms for biology, chemistry, computer science, human physiology, geology, and physics); a modern “makerspace”; an impressive data-visualization lab created for viewing huge data sets; and a light-filled commons area that rises above the concrete plaza between Willamette Hall and Onyx Bridge in the center of the Lokey Complex.

The renovation was kickstarted by philanthropist Lorry Lokey with an \$8 million lead gift in memory of Allan Price, the former UO vice president responsible for unprecedented growth in private philanthropy from 2001 to 2008.

In 2014, the Oregon Legislative Assembly put the project on a fast track with approval of \$8.375 million in general obligation bonds, rounding out funding for the long-needed upgrade. “It’s a gorgeous testimony not only to Allan but to the growth of the University of Oregon,” Lokey says.

At the building’s grand opening, UO officials, the library staff, students, faculty members, donors, and volunteers were treated to the unveiling of an original artwork by Susan Price, Allan Price’s widow, who collaborated with Eugene glass artist John Rose (with assistance from artists Randy Ortiz and Sandy Tilcock) on a work called *Rise*. The piece draws from the Chinese tradition of the five elements of nature, with a representation of the sun placed on a swirling bed of river stones, and incorporates symbols of wood, fire, water, metal, and earth.

The work’s central element, the sun, represents the bright spot her husband was in her life, with five gold embellishments representing their grandchildren. While the rays hold personal symbolism, they also are emblematic of the work of faculty members and students and all that nourishes their learning and research: the support staff, resources, facilities, and philanthropic investments. “My hope is that this artwork serves as a visual respite and motivational touchstone for students and faculty,” Price says. “May their big dreams and hard work continue to rise in this magnificent facility.”

The positive response to the new building exceeds the library staff’s most optimistic expectations, says Adriene Lim, dean of libraries and Philip H. Knight Chair. “We are thrilled,” she says. “We’re already seeing an impressive increase in the numbers of people using this library. They’re excited by the new services and technologies, and faculty members are quickly finding new ways to use them in their teaching and research.”

The commons was designed by Opsis Architects to support the UO's mission of interdisciplinary integration in the sciences. In the past, libraries emphasized quiet spaces for individual study. While the new facility still has those areas, it also provides numerous open areas for collaboration along with access to a range of information from all scientific fields and sources. It is expected to achieve Leadership in Energy and Environmental Design (LEED) Gold certification.

The work's central element, the sun, represents the bright spot her husband was in her life.

Among the new features is the Robert DeArmond MakerSpace, outfitted with a laser cutter, 3-D printers, crafting tools, and computer software. The space is open to all students on campus.

The data visualization lab is the only place in the state of Oregon where groups can view full resolution, 50-million-pixel images on a huge screen that is 20 feet wide and eight feet high. The lab allows researchers to gain new insights into huge datasets, build 3-D simulations, and explore vistas ranging from nanoparticles to vast expanses of outer space.

The building also has a courtyard, and the commons area boasts a coffee shop named the Elements Ca-Fé. The spelling of the name reflects the abbreviations for the elements calcium and iron, a nod to its location at the heart of the UO's science community.

"This is a fitting tribute to Allan's legacy," says Scott Coltrane, provost and senior vice president. "This new hub for the sciences is a key part of our master plan to advance our collaborative research and teaching. It provides space for the deep learning and bold thinking that Allan championed in order to transform lives and improve the world."

The Price Science Commons and Research Library is part of the seven-branch UO Libraries system, which is the state's largest research library.

Melody Leslie, BA '79, is a UO staff writer.

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The Williams Effect

Two decades ago, Tom and Carol Williams gave a thoughtful gift that provides grants and fellowships for excellent teachers and innovative undergraduate courses.

Tom and Carol Williams gave a modest donation during the 1980s that was meant to cover small but urgent needs—such as a sewing machine for award-winning costume designer Alexandra Bonds.

Gratified by the difference their first gift was making, the Williams gave again in 1995—\$1 million that qualified for state matching funds—for grants allowing faculty members to test innovative course ideas. “We believe it’s vital to engage

BY MELODY WARD LESLIE

undergraduate students,” says Tom Williams, who developed his theory that private funding can quickly leverage good ideas during his year as a White House Fellow under President Lyndon Johnson.

Twenty years later, the Tom and Carol Williams Fund for Undergraduate Education has incubated 88 projects and awarded 30 fellowships to the university’s most exceptional teachers. Many projects have become regular course offerings, and some have evolved into certificate programs. Without the Williams’ gift, most would have died in the daydream stage.

Proposals are reviewed by members of the Williams Council, originally appointed by Dave Frohnmayer. His senior assistant Dave Hubin served as facilitator. “The voting members are all award-winning teachers, so they are by definition committed to good teaching,” Carol says. “They are a fabulous group.”

The feeling is mutual.

“The Williamses inspire the council about great teaching,” says Karen Ford, an English professor and senior associate dean for the humanities. “They keep us close to their values and goals without ever influencing the actual selection process.”

In 1999, at Ford’s suggestion, the council began awarding what she calls “lightning bolts of appreciation”: \$10,000 Williams Fellowships. “I was a little grumpy about the innovation requirement because there are so many fabulous teachers who work in more traditional ways,” she says.

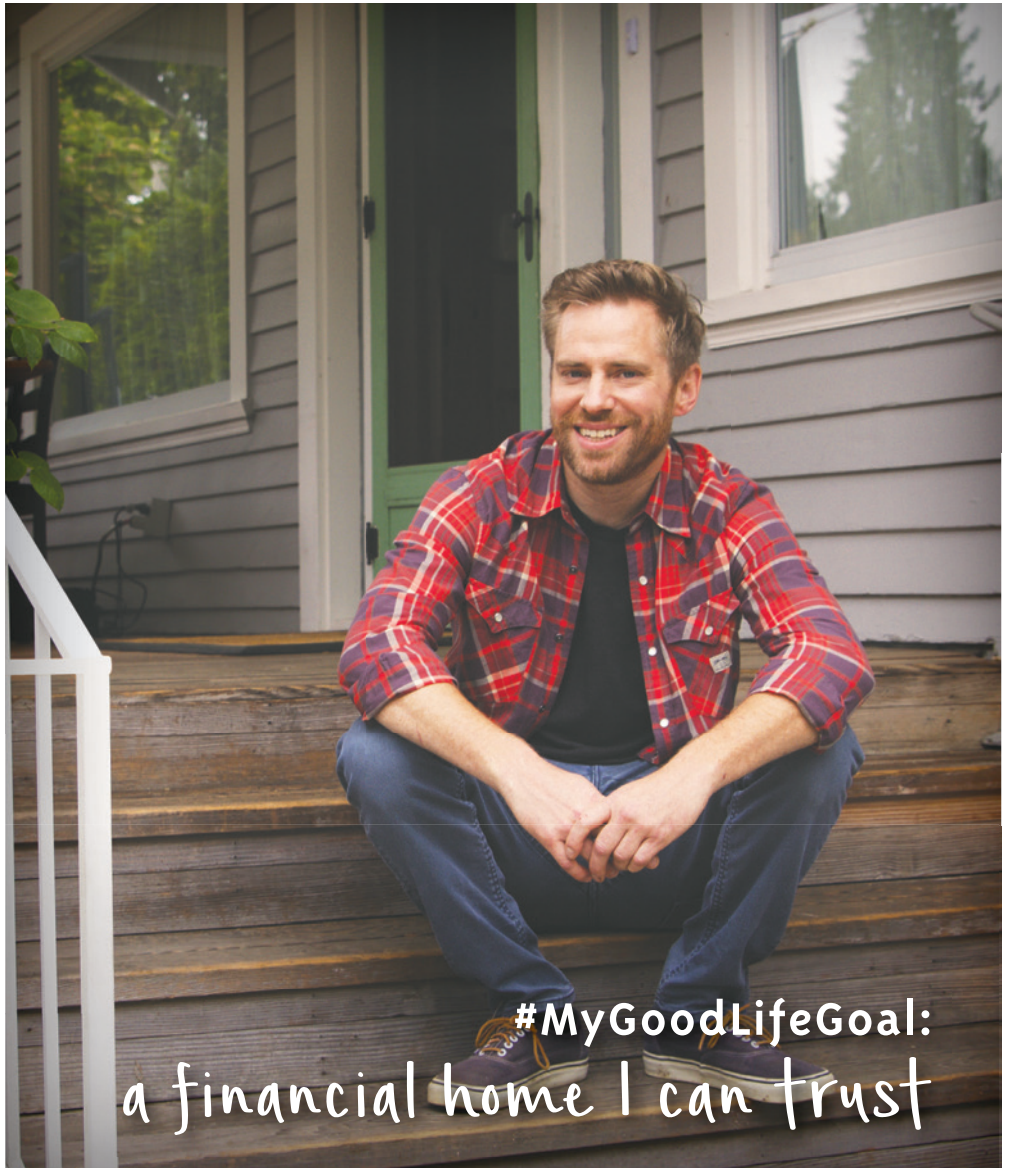
Williams Fellows are nominated by peers, in keeping with the UO tradition of bestow-

“The voting members are all award-winning teachers, so they are by definition committed to good teaching.”

ing awards for teaching excellence out of the blue. “I can’t tell you how special and unusual that is,” Ford says. “It’s such a buoying feeling to find out someone noticed that you’re working hard and being a good mentor to your students.”

As former UO Foundation trustees, Tom and Carol are aware that the reward system in academia emphasizes research. “That’s important,” Tom says, “but we felt that honoring good teaching deserves more emphasis. We wanted to tip the scales a bit.”

Carol is still elated by the success of an early grant that transformed how calculus is taught at the UO. “I took a year of calculus and I never understood why,” she says. “They needed software to teach it differently, so that kids could see the purpose.”



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Some Williams grants have totally changed the approach to subject areas (shifting the focus of the Robert D. Clark Honors College from Western civilization to world history, for example). Most support topical ideas for immersing students in the life of the mind—a course about the feast in medieval history that allows students to time travel through food; a class introducing mediation from a legal perspective; or varied creative approaches aimed at getting

students to go beyond facts by revealing how scholars discover and examine them.

David Frank, PhD '83, an honors college professor who served as dean from 2008 to 2013, says the Williams' gift has led to "truly creative breakthroughs," including restoration of the rhetoric program lost during a period of extreme budget cutbacks.

Political scientist Dan Tichenor, a Philip H. Knight Chair, used Williams funding to

The Williams' gift has led to "truly creative breakthroughs," including restoration of the rhetoric program lost during a period of extreme budget cutbacks.



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launch the Wayne Morse Scholars program for academically gifted undergraduates who are passionate about public affairs. It gives sophomores and juniors a deep-dive opportunity of the sort usually reserved for graduate students. "We've created a comfortable space for people with a variety of political perspectives," Tichenor says. "Students develop really strong friendships across ideological divides, which is great to watch."

The Williamses credit Hubin, who retired last summer, with much of the program's success. "He's been our best advocate," Carol says. "It wouldn't be what it is without Dave's involvement and his caring about it."

Tom, a Eugene native, met Carol at their alma mater, Stanford University, and they settled in Eugene. She was a cofounder of Eugene's NBC affiliate, KMTR-TV. He was president and chief executive officer of Williams' Bakery, founded by his grandfather in 1902. "He moved it to the 13th Avenue site in 1908, specifically so that Tom's dad, aunt, and uncle could get a good education," Carol notes.

Tom and Carol sold the bakery in 1991, and the UO purchased the factory in 2006 to make way for Matthew Knight Arena. "The family has longstanding ties with the University of Oregon even though we didn't go there," Carol says. "When you become part of the Eugene community, I think you begin to bleed green and yellow no matter where you're from. We feel very fortunate that we're able to help create a culture of great teaching at the university."

See a list of proposals made possible by the Williams Fund at: academicaffairs.uoregon.edu/content/funded-proposals.

Melody Leslie, BA '79, is a UO staff writer.



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Rebooting Beethoven

With the help of UO music professor and nationally celebrated composer Robert Kyr, a piece cowritten by five Oregon teens earned a premiere performance by the Eugene Symphony.

Robert Kyr with (left to right) Wesley Colemn, Marissa Lane-Massee, and Joseph Miletta.

Four decades ago, when Robert Kyr was a graduate student studying music composition, the atmosphere was highly competitive. “From day one, we were told only some would become composers,” he says. “It was going to be separating the wheat from the chaff.”

Kyr, now a Philip H. Knight Professor of composition and theory, believes the future of contemporary music is in cocreation, not competition. To that end, he spearheaded a work—a theme and variations on the *Ode to Joy* from Beethoven’s Ninth Symphony—that was composed by five teenage composers under his mentorship.

BY JOHN STRIEDER

The Eugene Symphony received a National Endowment of the Arts grant to fund the unique project, and the finished work, “Ode to the Future,” premiered at the Hult Center for the Performing Arts on November 17. “Rob has thrown himself into this project with total abandon,” says symphony executive director Scott Freck.

None of the five teens had ever composed a single note for a professional orchestra, but the project enabled them to work closely with one of the country’s most prolific composers and pedagogues. This year alone, Kyr produced a piano concerto for the Eugene Symphony, among other works, and garnered an Arts and Letters Award from the American Academy of Arts and Letters. He leaps between

teaching, artistic residencies, and composing, never seeming to slow down.

Kyr says many of today's classical composers show more eclectic influences than the specialized music students of earlier decades. Indeed, his young students in "Ode to the Future" came from across Oregon and all over the creative map.

What qualified and united this group is that all of them had experience playing classical music with other musicians.

Cayla Bleoaja is a 16-year-old first-generation college student from North Bend who plays big-stage piano concerts and records Christian teen pop albums with her sister, Ashley.

Joseph Miletta, a freshman at Chemeketa Community College in Salem, started and managed his own string quartet while still in high school.

Marissa Lane-Massee, Class of '20, plays harp, bassoon, and now, with the Oregon Marching Band, sousaphone.

Saxophonist Wesley Coleman, who likes jazz and wants to score movies and games, is a junior at Thurston High School in Springfield.

Violinist Katie Palka, 15, is the youngest—she's homeschooled in Beaverton.

What qualified and united this group is that all of them had experience playing classical music with other musicians, Kyr says. "You have to have a sense of how to write for an ensemble—how each individual part relates to an entire piece, to the entire texture of the music."

Kyr compressed a year's worth of instruction on harmony, counterpoint, and orchestration into about six months. To start, the students each wrote five variations as "short scores" playable on piano. Select variations were organized into one eight- to nine-minute piece, with Kyr making sure each student's work had equal time. He mentored the young composers as they orchestrated

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their variations to be played by many instruments, not just one. “Dr. Kyr would guide me along what kind of sound I wanted and what instruments would be good for that,” says Coleman.

Graduate teaching fellows in the composition program at the UO School of Music and Dance worked with them to properly notate each score and to extract the parts from it, so the orchestra could perform the work.

Throughout, Kyr and the GTFs showed the students how to improve their work. “Everyone says music is so creative and so liberating, and it is, but there are also a lot of rules and regulations you have to follow, or else it’s not going to sound very nice,” Miletta says. “You can’t have a half-note triplet in a 2/2 measure. You can’t double fourths and fifths through the same measure or else it sounds dry.”

“Perhaps the most valuable thing I’ve learned is to use my emotional experience as a source of inspiration.”

Through cocreating, the new composers found their voices as individuals. “Perhaps the most valuable thing I’ve learned is to use my emotional experience as a source of inspiration,” says Bleoaja. “Learning to harness that power, rather than fight it, has transformed the way I write.”

“When I started this project, even though I was chosen to be a part of it, I didn’t feel like I was good enough to be there,” Miletta says. “That first meeting we had, we were talking about all the stuff the others had done. I was like, ‘Oh my gosh, I’ve never done that. How am I going to be able to write music like these people?’ I think the best part of this project, personally, is realizing that I can do it.”

John Strieder, a writer and video producer, is a master’s degree student in multimedia journalism.



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Purple State

Literature professor Barbara Mossberg uses the metaphor of "purple" to describe her philosophy of interdisciplinary learning.

You could say she's lived a charmed life. She's traveled the world, picking up awards and accolades wherever she goes. Senator William Fulbright himself attended her farewell party in Washington, DC. Yet, for Clark Honors College professor of practice Barbara Mossberg, who returned to teach at the UO in 2013, success is often measured by the intangible—the "heroic spirit" or the color purple, or by the impact she's had on thousands of students who have attended her classes.

Forty years ago, 26-year-old Mossberg landed on the University of Oregon campus, a young and on-fire professor in a floppy hat and 1940s vintage coat purchased from Filene's Bargain Basement in New York. Fresh from the University of Indiana, where she had finished her PhD in American drama, she was passionate about sharing her love of literature and poetry with students who weren't much younger than she was. One of several job offers she had received, the UO's serendipitous proposal to teach courses on tragedy and comedy was something she couldn't turn

BY SHARLEEN NELSON

down. "I said, 'Are you kidding me? Pinch me,'" she recalls. "I felt like the luckiest person in the world. I would pay to do this!"

On the way to her 8:30 a.m. class, she picked up camphor leaves to give to her students. The smell would help them wake up and feel energized. "There was this immediate connection with the landscape, with the air, with the students," she says. In the classes she taught in the big lecture hall, filled with as many as 300 students, there was no place to hide as Mossberg strolled among the aisles engaging them in random role-playing exercises: "I am Emerson and I'm asking you for money, what do you say?" She organized debates and panels and brought music into class when she taught Thoreau. "I wanted to be the kind of educator where you felt that what was learned in the class could not have been learned had they not been there."

By her second year, Mossberg had achieved near rock-star status. Her literature classes overflowed with eager students, a book she'd published on Emily Dickinson had been well received, and she won a university-wide distinguished teaching award. Recognizing her leadership skills, the university gave her opportunities to advocate for the

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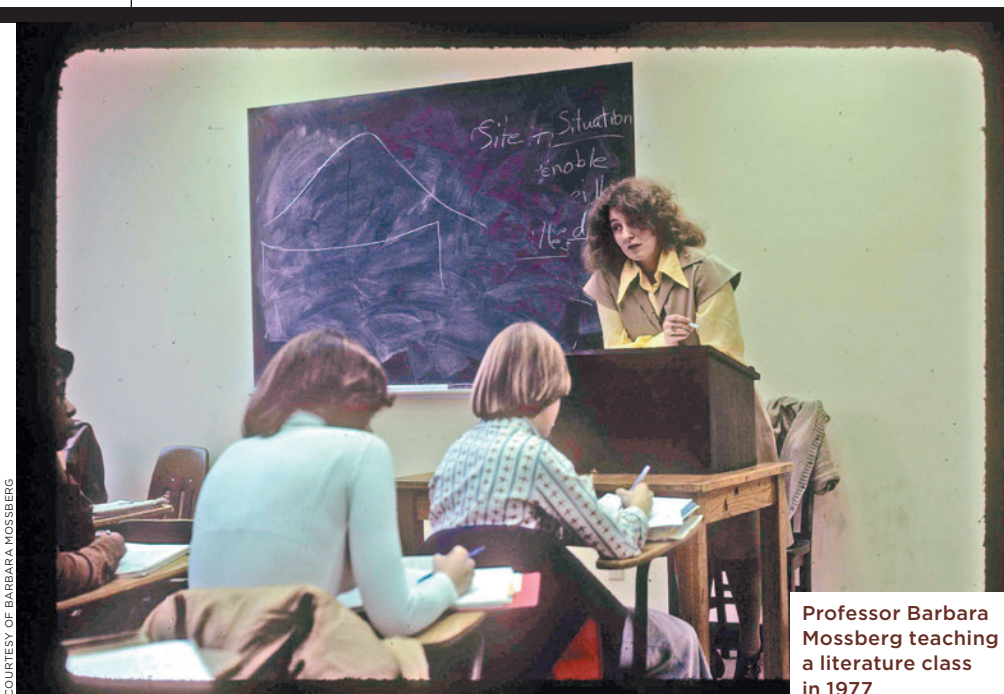
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UNITED



Professor Barbara Mossberg teaching a literature class in 1977

humanities, and in 1982, she was awarded a Senior Fulbright Lectureship—the Bicentennial Chair of American Studies at the University of Helsinki—that propelled her on a life-changing global adventure across Europe, teaching and lecturing on American studies. After returning to Oregon and helping organize the first American studies program at the UO, she received a federal appointment to represent the university in Washington, DC, as scholar in residence for the US Information Agency. More appointments and awards followed, including a second Fulbright Chair, serving as a senior scholar for the American Council on Education; associate provost at Hobart and William Smith Colleges; president emerita at Goddard College; and founding dean and professor at California State University at Monterey Bay. She continued to lecture, advocate for the humanities, and teach, all while raising a family.

Meanwhile, her ongoing efforts to integrate the arts, humanities, and sciences laid the foundation for her philosophies on the metaphor of purple.

The color purple, according to Mossberg, embodies the premise of interdisciplinary learning, representing integration and connection of knowledge. “If you’re thinking of the palette of options for yourself, it isn’t just red; it isn’t just blue—it is purple,” she says. This concept led her to explore how America’s greatest leaders have been influenced by the humanities. She took particular inspiration from John Muir, a geologist, botanist, and writer, who fused his knowledge of literature with scientific inquiry. “He memorized Homer and the Bible and

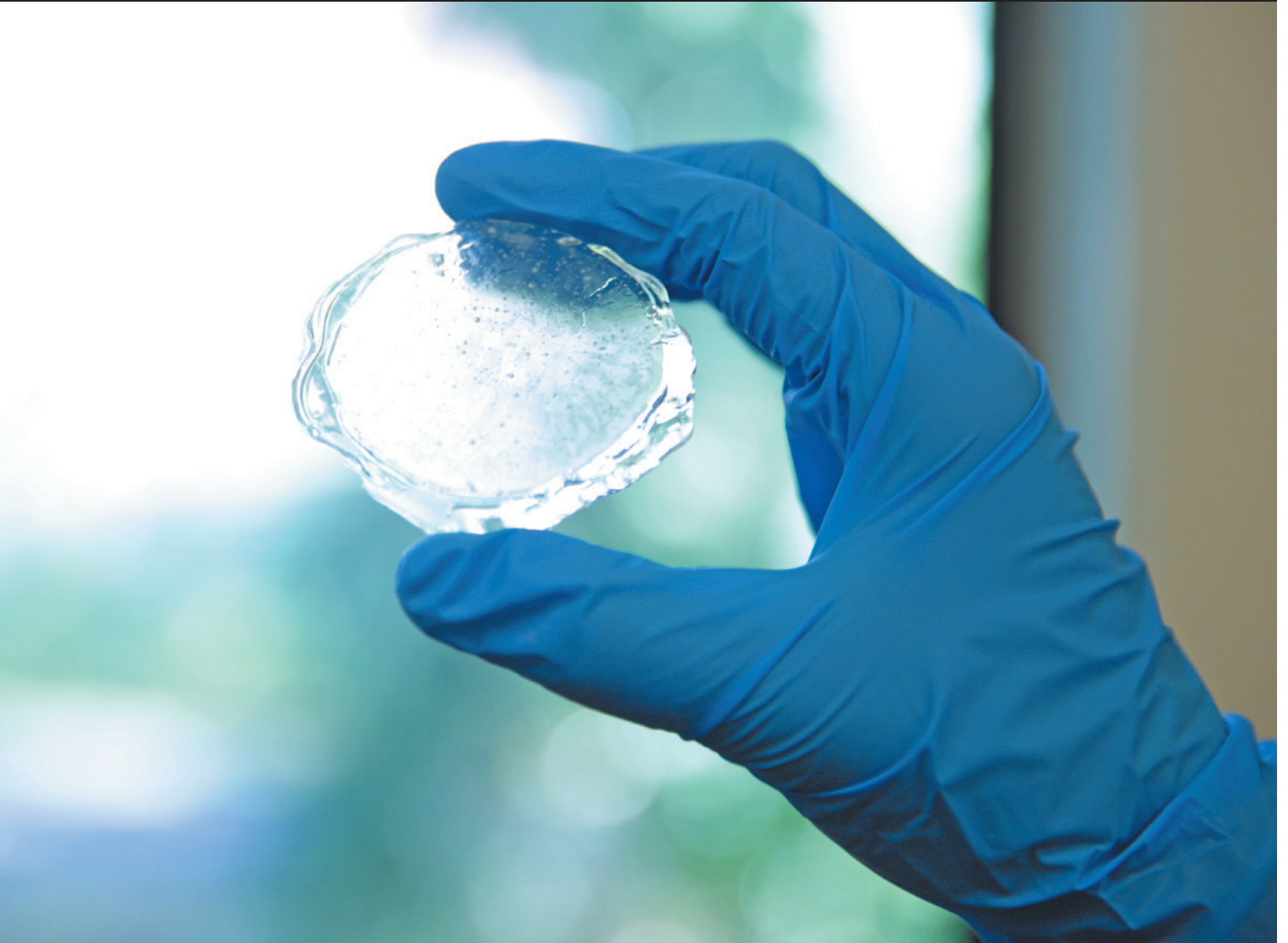
Shakespeare and Milton and Bobby Burns,” she says. “So when he looked at a rock as a geologist or at a plant as a botanist, it was through the filter of that. He was putting together the humanities and the sciences and the social sciences,” Mossberg says. “He was being purple.”

After 40 years, Mossberg had woven together an intricate tapestry of global connections, but despite all the places and events and distinguished appointments, it was to teaching and Oregon that she felt most connected. In 2013, “like Ulysses returning to his beloved Ithaca,” she returned to the UO to teach in the Robert Donald Clark Honors College. “I was always working my way back,” she says. “I wanted to bring to Oregon the fusion of arts and science and leadership and epic [literature] and poetry.” Mossberg further completed the circle this year, returning to Helsinki to participate in the 40th anniversary celebration of the Fulbright Chair.

On campus, you may find Professor Mossberg—with the same joy and enthusiasm as her 26-year-old self—musing beneath one of her favorite trees, or picking up camphor leaves, or happily ensconced in a classroom, on fire and eager to share “the purple” through her unique brand of interdisciplinary, cross-cultural courses with titles ranging from *Imaginary Gardens with Real Toads in Them to That’s Wild! Eco-Epic* and *the Green Imagination*.

“One of the things I love about the university and being here is that I can be whole,” she says. “I can work, and be a poet, and contribute, and be myself.”

Sharleen Nelson, BS ’06, is a UO staff writer and editor.



Fashion Statement

Assistant professor of product design Elizabeth Esponnette hopes to revolutionize the clothing industry with a novel manufacturing process.

Beth Esponnette made a jacket out of sprouted chia seeds and muslin, a beautiful, filmy gown from hot glue and water, and a cocktail dress—composed of alum salt crystals—that literally grew into form. She doesn't expect people to wear her revolutionary garments, although she admits Lady Gaga might find them appealing. Her goal is rather to get people to think about what materials they put on their bodies as well as where their clothing comes from.

"I hope these pieces affect design and how people make decisions in buying things," says Esponnette, assistant

BY ROSEMARY HOWE CAMOZZI

professor of product design at the UO. "By calling on nature, and making clothing that will biodegrade and become something else, I'm trying to allude to the need for a circular process in manufacturing, instead of a linear process that ends with things being thrown out."

Esponnette, who spans the definitions of artist, teacher, and entrepreneur, plans to directly address the rampant waste that occurs in the clothing industry through her startup—Unspun. While still in the discovery stage, her goal is to manufacture garments using "additive" manufacturing techniques based on the concept of 3-D printing.

Traditionally, clothing is made through a subtractive process: First, yarn is woven into large, flat sheets of fabric.

Above: An initial test sample for the silicone printing process

Then, to make that into “anything that’s not a toga or a sari,” you have to cut it up, Esponnette says. “When you do that, you’re wasting about 15 percent of the fabric. That’s huge.”

The waste incurred during manufacturing is just the beginning. Soon the clothing is shipped to stores, where buyers can browse from a large array of sizes and colors. They expect to find exactly what they’re looking for, and get annoyed if they don’t. “So that means retailers have to multiply everything, just to cover their bases,” Esponnette says. “And a lot of it doesn’t sell.” If a company doesn’t care about its name, they’ll send the extra clothing to off-price retailers, but if they want to protect their brand, they destroy it. “That’s pretty terrible,” she says.

Esponnette envisions a completely different world in which clothing is made to order on a 3-D printer that builds each item straight from yarn, with no waste. She’s already completed a proof of concept, which is not an easy task considering this is a brand new technology. “But we’ve proven that the technology works, even though we don’t have any products yet,” she says. “So the next step is, okay, let’s make the next machine that makes a relevant product.”

So, while also fundraising for Unspun and teaching product design courses, Esponnette and her undergraduate research assistant are experimenting with various chemicals, particularly silicone rubbers. “For this technology, it doesn’t matter what kind of yarn it is,” she says. “It could be silk, or it could be carbon fiber. There’s a huge controversy about synthetics versus cotton, in terms of water and chemicals, but we’re not getting into that.”

Instead she’s concentrating on creating the new technology while also working with 3-D scanning to come up with ways that a person’s body measurements could be transferred directly to the printer. “In the future, that’s where we see things going,” she says. “Perhaps we’ll all have avatars online and we’ll try things on our avatar.”

She plans to start with just one product, probably with an industrial or athletic application, but due to her as-yet unpatented process, she’s not ready to reveal what it is. “It will be a really refined product that fills a strong need,” she says. “Besides the technology being good for the environment, the fact that the garments are seamless will make them stronger and more comfortable.”

Esponnette, just 28, sees her youth as an asset. “I think it really helps me to not be so ingrained



Sarah Hashiguchi (left) and Beth Esponnette.

Below: Beth Esponnette’s chia vest (left) and gown made from hot glue.



PROCESS PHOTOS (2) BY DICKSON CHOW



in my thinking because my mind hasn’t been set in stone,” she says. “I just go for it.”

Growing up in rural Maine, Esponnette couldn’t decide whether to be an orthopedic surgeon or a fashion designer. She eventually studied fashion design at Cornell University, where she had the opportunity to research surface treatments that change the properties of fabrics. While still an undergrad, she began working with firefighters to design functional apparel. “It made me realize how much the design, fit, and construction of clothing affects the usefulness of a product,” she says. “For firefighters, it can be the difference between life or death.”

After graduating, she went to work as a designer and materials researcher in the outdoor

industry. “I was proud of what people were using the products for, and what they allowed people to do,” she says, “but when you looked at the whole picture and saw all that waste, I wasn’t proud.”

So she went back to school and got an MFA in design at Stanford University. Soon after graduating, in June 2015, she started Unspun with two friends, one with an MBA and the other with an engineering degree. “What we’re trying to do is localize manufacturing,” she says. “People want to buy local food, so why aren’t we doing the same thing with products we use every day?”

“We would love to be the locavores of the clothing industry.”

COLLABORATIVE RESEARCH

After Beth Esponnette won a 2016 Faculty Research Award for her proposal to explore chemical-reactive 3-D printing, she was able to hire Sarah Hashiguchi, a Clark Honors College student, to assist her with the research.

Hashiguchi was first drawn to the field of product design when she took a class from senior chemistry instructor Julie Haack. "It encompassed advertising and marketing, greenwashing, the chemistry of being green, and how polymers are actually made," she says. "It was fascinating."

Haack helped Hashiguchi set up a meeting with one of the head chemists at Nike so that she could learn more about working in this field. "He talked a lot about the disconnect between product designers and chemists," she says. "There are so many new materials coming out, but product designers don't always understand how

to best utilize them without knowing how they work on a molecular level.

"He said that was where they need more people coming into the industry, and that sounded really fascinating to me as well."

Hashiguchi decided to major in product design and minor in chemistry. She will be presenting her senior thesis—in which she will discuss the materials aspect of 3-D printing technology—this spring. While the technology is currently used mostly for prototyping, she says, "We are slowly moving toward where we can print actual products. The drawback right now is the materials that are available."

Most 3-D printing is done with thermoplastics. These polymers either start out as a solid that gets melted and stretched through a print head, resolidifying as an object, or they start as a liquid. They can be reshaped by reheating and don't have strong chemical bonds.

Hashiguchi and Esponnette are instead working with thermoset plastics, which are made by mixing two or more chemicals together to create a material that has irreversible bonds between its layers. "These materials are more heat-resistant, more cold-resistant, and are chemically inert," Hashiguchi says. "Their strength-to-weight ratio is a lot better, so they can be really strong and still be really light. They open up a lot more possibilities."

By the time her thesis is ready to present, she expects the duo to have made a decision on what materials they will use, have a proven process laid out for how to print with the materials, and have a 3-D machine ready to go.

Hashiguchi is thrilled to have teamed up with this young, entrepreneurial professor. "I'm hoping my career has gone that fast when I'm her age," she says.

—RHC

Rosemary Howe Camozzi, BA '96, is OQ's interim editor.

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MIXING IT UP

Andrew Nelson offers a disclaimer to his new MBA students: none of his academic credentials are in business. Instead, his diverse degrees in science, technology, music, economics, engineering, and social history inform his interdisciplinary teaching philosophy.

Nelson applies those same interdisciplinary principles to his positions as academic director for the Lundquist Center for Entrepreneurship and executive director of Eugene-Springfield's Regional Accelerator and Innovation Network. In his view, entrepreneurship includes identifying social or environmental problems and finding creative solutions, and is most effective when elements of business, science, or engineering are blended with humanistic and social science. "You can't just build a piece of technology without thinking how it's going to be used or who is going to use it," he says.

When chemists at the UO needed the perspective of a social scientist to help them understand the new field of sustainable chemistry, Nelson collaborated with them on an award-winning paper.

Likewise, drawing from his music background, Nelson is currently exploring the resurgence of vinyl records and 1970s synthesizers among millennials. The "fallacy of substitution" is that can replace the tactile experience. "The secondary factors—the feel of the record, reading the liner notes, or going into a record store—are not at all substituted. People are recognizing that, wait a minute, there's something to that experience."

Andrew Nelson

ASSOCIATE PROFESSOR OF MANAGEMENT,
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EXECUTIVE DIRECTOR OF REGIONAL ACCELERATOR AND
INNOVATION NETWORK (RAIN)

BY SHARLEEN NELSON

AGREE TO DISAGREE

“When two partners always agree, one of them is not necessary” is a famous Dale Carnegie quote Nelson often shares with his students to break them of the idea that there’s only one right answer. “Nothing can be further from the truth for a lot of the complicated issues we wrestle with,” he says, “but the point of it is to hear different perspectives and to not necessarily arrive at agreement, but arrive at understanding.”

BACH IN TIME

According to Nelson, who is trained as a classical organist, the pipe organ was the most technologically advanced creation of its time. He once traveled all the way to Cappel, a tiny town in the very northern part of Germany to play an organ from Johann Sebastian Bach’s Baroque period. “I spent three weeks there just to play music.”

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In his entrepreneurship classes, Nelson encourages students to act creatively by giving teams five dollars to turn into more “value.” One innovative team purchased a hot chili pepper, auctioned off the rights to force one team member to eat it, and gave the proceeds to Food for Lane County. The result: a \$271 donation and a lesson in finding opportunities in common resources.

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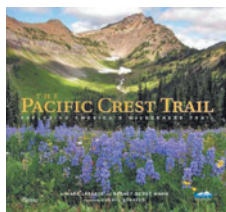
Feeling overwhelmed in a new environment and lacking a clear direction, Nelson dropped out of Stanford University his sophomore year and returned to his small hometown in Montana, where he spent a year working at a local McDonald’s. “It was a humbling experience, but it made me realize I wanted to get back into school.”

THE SOUNDS OF INNOVATION

In his book *The Sound of Innovation: Stanford and the Computer Music Revolution*, Nelson traces the beginnings of the innovative work of a group of renegade musicians and computer engineers at Stanford who came together to create digital music in the 1960s, laying the groundwork for today’s digital music and media libraries as well as music services such as Spotify and Pandora.

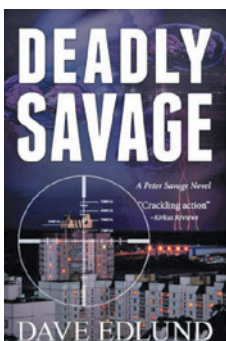
BOOKMARKS

From exploring the history of the Pacific Crest Trail and the early American West to going behind the scenes at an Oregon Ducks football game, recent books from our alumni continue to capture our attention. Find more titles at oregonquarterly.com/bookmarks.



THE PACIFIC CREST TRAIL: EXPLORING AMERICA'S WILDERNESS TRAIL (RIZZOLI INTERNATIONAL, 2016) BY BARNEY SCOUT MANN, JD '78, AND MARK LARABEE

With a foreword by *Wild* author Cheryl Strayed, Mann and Larabee’s book spins out the saga of the Pacific Crest Trail, interspersing the story with rarely seen archival photos, maps, and stunning contemporary photography. Readers experience the trail as if their feet were striding the path, making their own 2,650-mile journey from the Mexican border to the Canadian border.



DEADLY SAVAGE (LIGHT MESSAGES PUBLISHING, 2016) BY DAVE EDLUND, PHD '87

The third in the Peter Savage series of political thrillers, *Deadly Savage* takes place in Belarus, where Savage uncovers a deadly plot based on a global vulnerability engineered decades ago by former Soviet rulers. The *US Review of Books* called it “fast-paced and lively, reminiscent of a Tom Clancy thriller, with locations and action taking place all over the place.”



OUR INDIAN SUMMER IN THE FAR WEST: AN AUTUMN TOUR OF FIFTEEN THOUSAND MILES IN KANSAS, TEXAS, NEW MEXICO, COLORADO, AND THE INDIAN TERRITORY (UNIVERSITY OF OKLAHOMA PRESS, 2016) EDITED BY ALEX HUNT, PHD '01, AND KRISTIN LOYD

In 1879, two Englishmen, writer Samuel Nugent Townshend and photographer John George Hyde, set out on a tour through Philadelphia, Pittsburgh, and Chicago, across the Missouri to the “new state of Kansas.” The book offers an enlightening—and often entertaining—perspective on an early moment in the growth of capitalism and industry in the American West.



GAME DAY WITH THE OREGON DUCKS: AN INSIDER'S LOOK AT A UO FOOTBALL GAME (QSL PRINT COMMUNICATIONS, 2016) BY ROBERT YOUNG AND JACK LIU, BA '74, MFA '82

This book, with photos by longtime UO photographer Jack Liu, offers readers an insider’s look at an Oregon Ducks football game, from the locker room to the press box, from the sidelines to the sky suites, from the kitchens to the command center. While aimed at readers eight to 12 years old, the book can be enjoyed by curious fans of all ages.

THE BEST . . .

Place to Dream on Campus

BY MELISSA EPIFANO



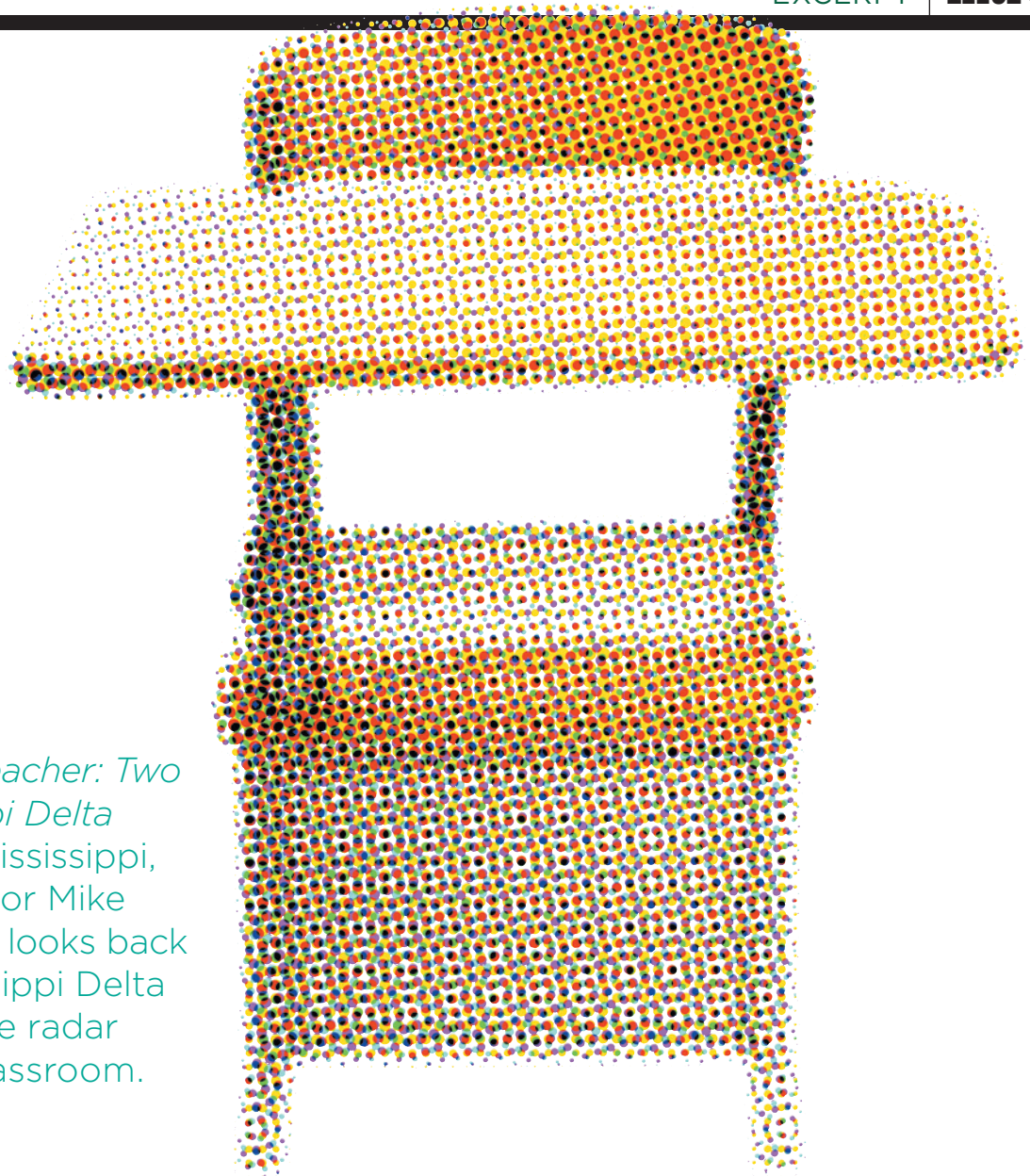
was born with the travel bug. I assume it's a byproduct of my mom, who first snuck under her parents' noses and traveled to Europe in high school with a friend, claiming it was a school trip, and then did a stint as a traveling nurse. Though I've done a bit of traveling myself, I've visited only a small percentage of the countries, towns, and landmarks on my never-ending list of must-see places. But now, for me and most of my peers, classes and money are looming obstacles in the way of airplane tickets and Airbnb stays. Though I enjoy college life, I must admit it's not as exhilarating as a trip to Banff or getting lost in Slovenia. Fortunately, I discovered a place on campus that allows students to "travel" without having to pay a dime.

The Mills International Center is tucked away in a corner of the EMU. I remember stumbling into it on a rainy day of my freshman year, aggravated with classes, dining hall food, and living in Bean. I was instantly relieved. Entering the room is no different from walking into an old friend's house. Its warm, wood-paneled walls surround intricately patterned ottomans and soft mustard-colored couches strewn across its expanse. A fireplace sits at the both ends of the room, and flyers for multicultural nights, language circles, and study abroad info sessions are scattered across the front desk. My favorite part is the bookshelves. They are stuffed with everything from detailed travel guides to Venice and Portugal to punchy fashion publications from Korea, thick Latin American cookbooks, and entrancing CDs from every corner of the planet. Curling up on the couch with a coffee and a magazine is an easy gateway to getting lost in a different part of the world and (accidentally) forgetting to go to class.

But the Mills Center is not only a place for daydreaming and researching. When it comes to studying and finals week, I personally can't find solace in the fluorescent lights and dead silence that many students thrive on in the library. Instead, I find refuge in studying while immersed in the selection of world music that swims around the room and the quiet chatter of people speaking a multitude of languages. The people working there are just as welcoming as the center's atmosphere. No matter which staff member you ask, they'll reassuringly tell you that should you ever need a place to nap, eat lunch, or relax, the Mills International Center is available.

I have discovered a host of new places, magazines, and cultures from the time I've spent there. I even found an internship in London thanks to a discovery I made during one of my visits. The Mills International Center has transported me both physically and mentally, and for that I am grateful. It provides colorful, informative resources for curious students who can't jet set to foreign places on a whim. If you take a moment to stop by, don't forget to bury your head in a book. You never know where in the world you might end up.

Melissa Epifano is a journalism major who's interested in fashion, art, and travel writing.



In this excerpt from *Teacher: Two Years in the Mississippi Delta* (University Press of Mississippi, 2016), English instructor Mike Copperman, MFA '06, looks back at some of the Mississippi Delta kids who fell under the radar in his fourth grade classroom.

My Flight of Angels

Teaching today at the university, every quarter I will examine course evaluations and find one from a student I failed to see, someone who felt that I ignored or disrespected them, a student who disliked me and seethed from a corner silently, unnoticed, even as

I will also find a few students I have to strain to picture at all who quietly loved my class but had never asserted themselves in ways I'd noticed. So it was in the Delta, perhaps, and now, after a decade of memory's sifting and shuffling of chaff from jewel, I find the children who weren't loud or

BY MICHAEL COPPERMAN

extraordinary emerging from memory to declare themselves. I picture the stu-

dent named Tonka from my second year who was heavy-set and freckled and perhaps not the brightest student, but who always followed every direction and who had such a thorough good nature, such a guileless and pleasing smile, that I used to compliment him just to see his freckled face break into a wide easy grin and bless us all with radiant goodwill. I picture Charleton, whom I mostly hated my first year because he was defiant and perpetually off task, telling me one recess to watch until I turned and gave him my full attention. He put his feet together, ran five loping paces, and quickly accelerated to a sudden sprint, turned a front handstand and a second and third and pivoted into

a backflip that he landed with arms raised in a V like an Olympic gymnast. As I broke into applause, he met my gaze, winked, and bowed low, as if to say, well, that was pretty damn good, wasn't it?

I remember a boy named Medius who was hugely obese and socially awkward and who had to bind his khakis with two belts taped in the middle because his stomach was so large, the pants legs bunching and pooling at the ankles as they had been intended for a much taller child. He walked with such a sway of flesh side to side that if he stood to go to the bathroom or pick up a piece of paper or go to lunch he would often knock pencils and papers off other students' desks unless I sat him to the side and to the back. He would frequently act out for attention, stab his arm with staples so that they were stuck through the skin like a pierced hipster,

When I picture her now, I see only the beatific smile and the drawing that illustrated each note, of an angel carrying something like a harp or wand in outstretched arm, soaring off the page.

glue his hands together so that he had to raise both in the air while the other students howled and I scowled. I remember how, during those rare moments when I spent time with him, keeping him perhaps on recess, which he preferred because other students would make fun of his size, he could be funny and silly and forget for a moment his plight at having been born into his own body, how he'd beam at a joke or compliment. I admit that too often I just wanted him and his antics to go away, that I cannot even recall now how he did on his end-of-year tests or even whose classroom he went on to in fifth grade, if he continued at all.

I recall a student named Letricia who had come originally from Chicago and who was at a loss in my chaotic classroom and whom I probably ignored over and over again trying to control and pacify and discipline the rest of the class. She had a delicate, gap-toothed smile and spoke sometimes with a slight lisp, which caused her quickly to stop talking at all

after my mean girls mocked her despite my stern reprisal. She was devoutly Christian, believed in a way that most adults perhaps never truly do, with an absolute conviction that everything that happened could be ascribed to Jesus or to angels interceding in our lives. For a time, she used to put a note in my mailbox every day concerning what she called her "flight of angels." She would write things like

Dear Mr. Copperman, today my flight of angels come down and carried me on through when them kids was meddling me.

Today my flight of angels come down and told me my cousin in Memphis is in trouble and so I got my mama to call her mama and I talked to her and she said, "How'd you know?"

Today my flight of angels come and told me they was going help me learn my times tables all the way through twelve.

Today my flight of angels told me we all gone fly. Do you know to fly, Mr. Copperman?

I wish I could recall if I ever wrote her back or took her aside to thank her, but I was so frequently distracted by the moment-to-moment struggle for survival that too often I read the notes after they'd piled up, as I was hurrying to leave on a Friday afternoon, eager to finally go home. Halfway through the school year her mother abruptly moved her back to the Midwest. When I picture her now, I see only the beatific smile and the drawing that illustrated each note, of an angel carrying something like a harp or wand in outstretched arm, soaring off the page.

Marvin was another student whom I perhaps didn't notice enough at the time but whom I find myself thinking of often now. He was a slight, round-shouldered boy with a polite, halting manner and big, innocent brown eyes that seemed to take up his entire face. I must confess to having rarely paid him enough attention before I finally let Felicia Jackson fail—with her there, he was the sort of student who receded toward the background, easily lost in his own silence. He spoke softly, wanted badly to please; when praised he would blush and light up, then avert his head, unable to bear the scrutiny inherent in a compliment. He had less than most of his classmates—his uniform polos were moth eaten and his khakis stained and worn thin at the knees, and I gathered that, like so many Delta children, he lived with his mother and grandmother, and had no father in the picture.

Marvin's third-grade teacher had been another male Teach for America corps member whom he'd looked up to, and at the end of third grade Mr. Black had given Marvin a hardcover book that had been read aloud to the class but was grades above Marvin's independent reading level. Marvin wanted badly to read his book, which he carried around in his dog-eared backpack. Together, we set a goal that he'd read the book by the end of the year. He didn't want to wait, would

When he finally finished, he opened the book back to the first page and started again; the second time it took him two weeks, the third time a week.

take out the book during readers' workshop and battle his way, syllable by syllable, through the compound words he couldn't yet decode, an activity so frustrating he'd clench his fists and shake. Finally, I made him promise to stop reading it for a while so that he could see his own improvement. Marvin begrudgingly agreed, though each day he'd take out the book and set it before him as a reminder of his goal.

He waited a solid month before picking the book back up; the first time through, it took him nearly a month. I would wince when I saw him struggling word by word during reading time, his brow furrowed, his mouth soundlessly forming words. Yet he wouldn't choose another book, and he was comprehending what he was reading through sheer, dogged force of will. When he finally finished, he opened the book back to the first page and started again; the second time it took him two weeks, the third time a week. After five cycles I finally got him to move to the second book in the *Boxcar* series, and soon enough he was able to lay claim to all thirty *Boxcar* books on my shelves. I made him our official "Boxcar Specialist," and he guided other students through tours of the series, giving plot summaries and recommendations.

Every day Marvin would stay with me after school, cleaning the room, discussing his latest *Boxcar* book, or surfing the Internet on the computer. His goal was to last until it got dark so that I would give him a ride home in my "wagon"— he liked nothing better than to be rolling through the potholed streets riding shotgun, Nas bumping from the speakers (I know I can / Be what I wanna be / If I work hard at it / I'll be where I wanna be), arm trailing out the window to touch the passing air.

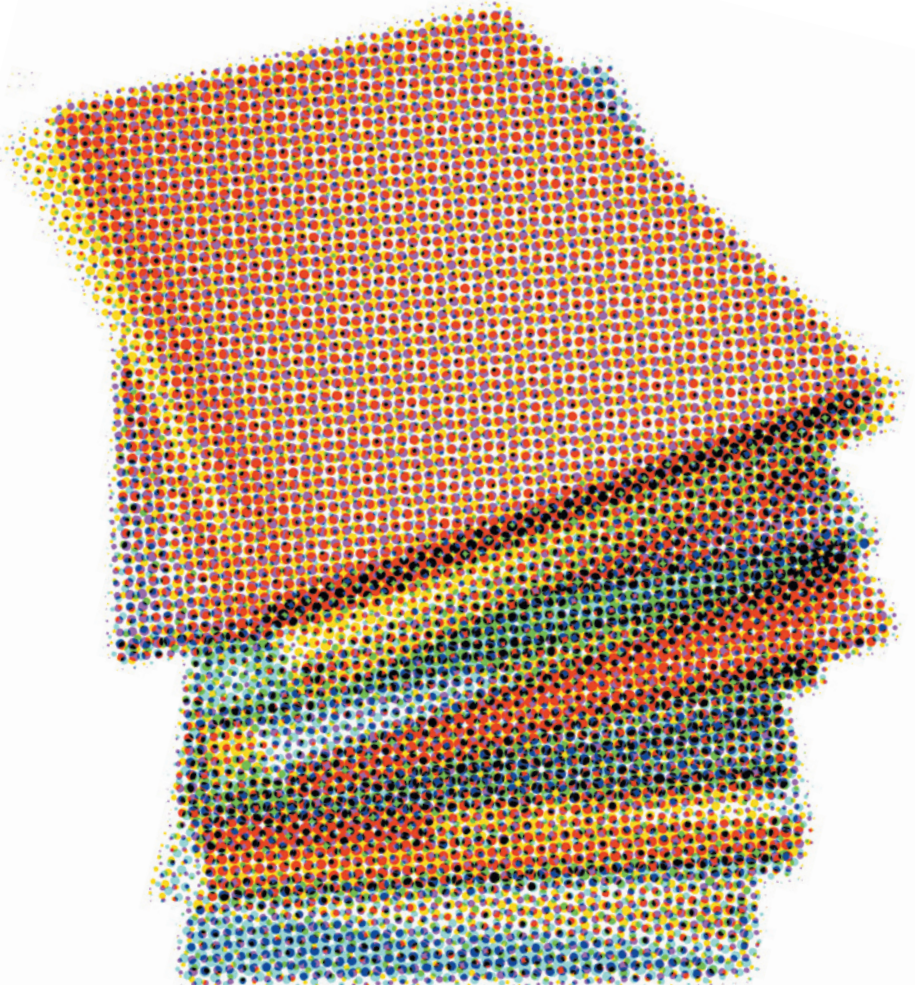
In late spring, Delta Horizons, the Title I program that I taught aikido in after school, organized a trip to Washington, DC. Marvin was a part of the program. We'd come up with full funding—all the children had to do was get a permission slip signed. Marvin kept shrugging when I asked him about the slip, and so I told him of the wide green lawns and

sparkling reflective pools, the great columns and towers, all the history and grandeur he'd witness, and he promised to get the slip signed. When he did, I didn't request the fifty dollars of meal money that was required; I put in the money from my own pocket.

That April, on the two-day bus ride to DC, through the furrowed fields and dusty flats of Tennessee, then threading the rolling green hills of Virginia, Marvin reread his book. I watched him there, holding the pages to the window as the landscape flashed past in blocks of green and brown, reading the words aloud, laughing sometimes to himself with delight at the familiar turns and twists, sometimes racing for me along

the aisle as other chaperones called for him to finally sit down, eager to tell me everything that had just happened.

On the great green lawn of the Capitol Building, Marvin stood delighted less by the spectacle of Capitol Hill than by the book he held victoriously in hand, the glory of his own achievement: he'd finished, and he'd come a long way indeed.



THE BIG BANG REALITY

“This is a seminal moment for the University of Oregon, an inflection point that will shape the trajectory of the university for the next century and beyond.”

—MICHAEL H. SCHILL

BY GEORGE EVANO

What's now the intersection of Franklin and Agate may soon be known as the intersection of ideas.

That busy corner will be the location of the Phil and Penny Knight Campus for Accelerating Scientific Impact, a \$1 billion initiative made possible by a \$500 million lead gift and met with a standing ovation when UO President Michael H. Schill revealed the project in October.

Marking an electrifying shift in the future of the university and the state, the Knight Campus will transform the northeast edge of campus with three new state-of-the-art buildings outfitted with cutting-edge labs, research facilities, prototyping tools, imaging facilities, human subject interaction spaces, and an innovation hub.

Designed to thrive on innovation and collaboration, its mission will be to improve human well-being. Its guiding

philosophy will be an “impact cycle” of inquiry, insight, innovation, and impact. As results take shape, new fundamental questions arise and the cycle renews.

It will train new generations of scientists, forge tighter ties between the state's industries and entrepreneurs, and create new educational and career opportunities for graduate and undergraduate students.

The Knight Campus will generate an estimated \$80–\$100 million of economic activity statewide and, when completed, support 750 to 1,000 jobs, including 30 new top-tier science faculty members and hundreds of staff members and students.

It will enhance and expand collaborations between scientists and faculty members at the UO, Oregon Health & Science University, Oregon State University, Portland State University, and other research institutions around the world.



Faculty members gathered October 18 to celebrate the announcement of the Knight Campus. On the floor, from left: Greg Bothun, physics; Darren Johnson, chemistry; Chuck Lillis, board chair; Shannon Boettcher, chemistry; Patrick Phillips, acting director, Knight Campus; John Halliwill, human physiology; Brendan Bohannon, biology; Leslie Leve, family and human services; Chris Minson, human physiology; Michael H. Schill, president; David O. Conover, vice president for research; Eric Johnson, biology; Karen Guillemain, biology; Bill Cresko, biology; Jim Hutchison, chemistry; Hal Sadofsky, associate dean, natural sciences; Scott Coltrane, provost; Yuan Xu, mathematics. On the stairs, from upper left: Chris Doe, biology; Ulrich Mayr, psychology; Joe Sventek, computer and information science; Vickie De Rose, chemistry; Andrew Marcus, dean, College of Arts and Sciences. Absent: Ken Prehoda, chemistry; Michael Raymer, physics

A LEGACY OF GIVING

For all time to come, Penny and Phil Knight's visionary philanthropy, motivated by a fierce loyalty to their home state, will continue to enrich the lives of every UO student while benefitting their fellow Oregonians and contributing to the greater good. Their donations include:

PHIL AND PENNY KNIGHT CAMPUS FOR ACCELERATING SCIENTIFIC IMPACT

The single largest gift to the University of Oregon

INTERCOLLEGIATE ATHLETICS

Contributing to the expansion of Autzen Stadium and the construction of the Ed Moshofsky Sports Center; support for the UO track program; the Hatfield-Dowlin Complex; the John E. Jaqua Academic Center for Student Athletes; the Marcus Mariota Sports Performance Center; and the University of Oregon Athletic Department Legacy Fund

KNIGHT PROFESSORSHIPS AND CHAIRS

Creation of more than 30 endowed chairs and professorships across campus

WILLIAM H. KNIGHT LAW CENTER

Lead gift for construction of the law school

KNIGHT LIBRARY

Significant family gift toward expansion and renovation of the UO's main library

ADDITIONAL SUPPORT

The Miller Theater Complex, undergraduate scholarships, faculty and programmatic support

around.uoregon.edu/knight

And it would not be remotely possible if not for the interwoven threads of the University of Oregon's history of interdisciplinary research and the unmatched generosity of its two most recognized donors.

The Knight name is deeply ingrained in the lore of Oregon, from the storied birth of Nike on the oval of Hayward Field to the proud march of faculty members whose research achievements and teaching excellence have earned them the right to be called Philip H. Knight Professors and Chairs. In academics, the family has contributed significantly to the library, law school, and a faculty endowment. In athletics, Phil Knight led a group of donors who dared the UO to be great, backing the challenge with extraordinary investments in facilities and programs. In business, his company revolutionized an industry, becoming the world's leading designer, marketer, and distributor of athletic footwear, apparel, and equipment.

The Knight family's latest contribution invests in the university's foremost strengths: deep talent in basic scientific research and an extensive history of discoveries stemming from a collaborative, interdisciplinary approach.

"In an age of declining public support for scientific research generally and declining public higher education support specifically, Penny and I are delighted to contribute to these critically important areas," Phil Knight says.

"While not without risk, we believe the expected societal returns from such investments are high. And here at home in Oregon, we believe the potential to arm our talented young people with the skills and tools they will need to have a lasting impact on the world and to pursue rewarding careers makes such investments essential."

To some, the Knight's gift and the scope of the project may have been a surprise. But for those involved in science at the UO, it was an overnight sensation 60 years in the making.

In 1959—the same year Knight graduated from the UO with his business degree—faculty members Aaron Novick, Frank Stahl, and George Streisinger formed the Institute of Molecular Biology. A highly integrated ecosystem where physicists, chemists, and biologists would work together to dissect the molecular underpinnings of living organisms, it spawned a culture of collaboration that influenced fields as far-ranging as neuroscience, the humanities,

and social and emotional human development, eventually giving rise to more than 20 UO interdisciplinary research centers and institutes.

More innovations followed. Streisinger pioneered the use of zebrafish as a model organism for studying human disorders, achieving the first-ever large-scale production of genetically uniform clones of a vertebrate organism. The Materials Science Institute and its Graduate Internship Program connected faculty members, students, and research to businesses. Clinical interventions and professional software and database platforms developed in the College of Education attracted increasing amounts of federal research funds.



Over two decades, a strategic emphasis on growing scientific research was successful, supported in part by a business model for "core research" facilities where UO scientists across fields could share access to expensive, cutting-edge equipment. Campus discussions posed the development of a school of applied science, articulating the impact cycle of discovery and innovation that fed back into basic research.

With the 2012 opening of the Robert and Beverly Lewis Integrative Science Building, the Lorry I. Lokey Science Complex was complete, integrating the UO's life science, chemistry, and physics laboratories into its eight contiguous buildings. Cognitive neuroscientists, psychologists, biochemists, microbiologists, developmental biologists, geneticists, physicists, organic chemists, and physical chemists were now all working in close proximity.

Most recently, a \$20 million gift from Connie and Steve Ballmer to hire a faculty team in the area of health promotion and obesity prevention gave traction to the campus-wide initiative for strategic, interdisciplinary hires.

This track record of success was focused into a plan of action on the night of August 4, 2015.

Schill, less than a month into his presidency, invited a group of science faculty members to the McMorran House to talk about UO science and a vision for the future.

"I did know we had a great faculty here, one that was ambitious," Schill recalls. "I asked them to put their heads

together. What could we be if we could be anything in the world? What could we achieve?"

He challenged them to articulate a bold vision that he could take to donors with the capacity to make it happen. He was asking the scientists for their moonshot.

"I heard their dreams and aspirations and what they needed to really make a difference in the world," Schill says. "I got so excited I started worrying I'd forget it all, so I ran upstairs and started writing it down, and I thought, 'this is really good. Hopefully in the morning when I wake up it will still be good.' And it was."

That pivotal evening helped the new president understand that a cohesive, broad vision of the future—one that

“The UO would not be among the nation’s leading public universities today without Phil and Penny’s well-timed investments during the last four decades. Their stunning generosity, combined with gifts from thousands who share their unbridled passion for this university, is elevating Oregon to a new level of excellence.”

—MIKE ANDREASEN, VICE PRESIDENT FOR ADVANCEMENT



could be achieved with the right resources—was obtainable. And it needed to be about impact.

Over the next four months, two dozen faculty members wrestled with the first question: how to define impact. Did it mean focusing on a specific goal, like curing cancer or diabetes? Did it mean improving the environment? Or did it mean publishing more research, hiring more faculty, and expanding the pipeline for graduate students?

What emerged was a definition not restricted to any one outcome, but rather, an overarching approach guided by a mission to improve societal health and well-being. “Basically the world would become our laboratory,” says Jim Hutchison, the UO’s Lokey-Harrington chair in chemistry. “We’d learn from the world what the most important problems are, and feed those back into our basic research. Discover again, translate into solutions, have impact, inquire again, and then repeat that cycle.”

They envisioned a campus of intellectual fluidity, where, for example, researchers could take an engineer’s view toward solving complex biological problems.

They’d further the concept of core facilities and create wide access to tools such as robots and advanced imaging techniques. Research teams could rapidly screen thousands of compounds for their effects on neural development, then immediately test the most promising of those in a neighboring lab.

They could satisfy new generations of science students who were hungry for opportunities to put their curiosity and creativity to work for the greater good.

And one of the most important impacts would be to create a more diverse community of researchers, says Karen Guillemin, a biologist and director of the UO’s META Center for Systems Biology. “By opening up the kind of science we’re doing, we’re going to be inclusive for people who have different motivations for getting into science,” she says. “That’s going to attract all sorts of new thinkers who are really going to bring different approaches to the table.”

At the Phil and Penny Knight Campus for Accelerating Scientific Impact, a new, buzzing intersection where entrepreneurs, marketers, law students, and product designers are embedded among scientists, postdoctorals, and their support teams, the most significant product could be the mountain of new ideas.

“The people capital, that’s going to be one of the biggest legacies of this gift,” Guillemin says.

“Collaboration and innovation,” affirms Bill Cresko, a biologist and associate vice president for research. “It’s in our blood.”

Phil Knight was the first student-athlete chosen to try a Bill Bowerman waffle-soled original, saying it was because he “wasn’t one of the best runners on the team. Bowerman knew he could use me as a guinea pig without much risk.” From left: Coach Bowerman and his Oregon runners, including Phil Knight, second from left; Knight and Bowerman in the early Nike days; a conceptual rendering of the Knight campus.

George Evano, OQ’s publisher, is director of development and alumni communications.

the places you will go

By Ed Dorsch

THREE 2016 GRADS, WHO ALL RECEIVED SUPPORT FROM SCHOLARSHIPS,
SHARE THEIR STORIES OF COLLEGE AND BEYOND.

As most Ducks know, “throwing your O” is a universal expression of UO pride. But not all who throw know the origin of the gesture.

The hand signal was created in the 1980s by Steven Paul, director of the Oregon Marching Band, because Autzen Stadium was too loud for the musicians to hear him yell “Play ‘Mighty Oregon!’”

Cut to 2001. Joey Harrington—student, athlete, musician—takes his last walk ever through the Autzen tunnel. Waxing nostalgic, he throws an O so he can hear the fight song one last time. An *Oregonian* photographer captures the moment, and a symbol is born.



Graham Simon
"throwin' the O" in
the Big Apple



Katty Kaunang in the HEDCO education building on campus

Today, the O transcends a simple fan gesture. It's unique for every individual, but also something we all share in common. In this story, three recent grads share their version of how they "throw their O." Each had considerable support from scholarships, and each has started down the road to success, defining it on their own terms.

Scholarships enable the university to recruit top students from across the nation and around the world. They also help students who could not otherwise afford college. Since the start of the UO's current \$2 billion fundraising campaign, donors have contributed more than \$260 million for student support. That's a lot of deserving students who get to throw their Os—at Autzen, on campus, and out in the world.

PAY IT FORWARD

The sights, sounds, and smells of Street Fair probably evoke more memories for Katty Kaunang, BEd '16, than most alumni. During her senior year, she was in charge of running it—just one of several campus jobs she held while earning her

degree in family and human services. Today, she's returned to give some advice to first-year PathwayOregon scholars who are in the same boat she was in just four years ago.

As she walks down 13th Avenue—recalling fond memories, checking out the vendors, stopping often to greet old friends—she seems like a fish back in water.

"I miss being on campus," says the first-generation college student. "My schedule was always from 8:00 a.m. to 10:00 p.m. I appreciate the opportunity that the UO offered me, and am grateful for all the student jobs, internships, and volunteer opportunities I had."

She starts by telling the PathwayOregon freshmen about her circuitous, four-year path, the mentors she discovered, and the organizations she joined—the Center for Multicultural Academic Excellence, the Asian and Pacific Islander Strategies Group, the Student Alumni Association, and the Associated Students of the University of Oregon, to name just a few.

Each opportunity led to others, she explains. For Kaunang, building networks and working with professionals

turned out to be more important than the degree. “All those experiences will lead you to what you really want to do,” she tells the new students. “You never know who you’re going to meet.” She also tells them to manage their time. Use a planner and a to-do list. Prioritize. “Make the most of it,” she says. “Use the resources that are available. Once you graduate, you’ll miss it. Somebody is paying for your education. You don’t want to waste it.”

Kaunang lives in Beaverton, where she’s working part-time and applying to graduate schools. She hopes to start working toward a master’s degree in educational leadership and policy next fall, and eventually parlay her love for campus life into a career helping other first-generation and minority college students.

She also volunteers for Trio, a federal program that helps students from disadvantaged backgrounds. At Century High School, her other alma mater, Kaunang helps kids apply for college. “I’m just letting them know that college is possible. I don’t want them to go back to ‘My parents can’t afford it, so I’ll just work a minimum-wage job.’ It’s about breaking the cycle and not following your parents. Just because you’re a low-income minority doesn’t mean you can’t go to college.”

Kaunang has a few scattered, vivid memories of Surabaya, the Indonesian city where she lived until she was seven. The heat. Chicken satay from street vendors. Strict grade school teachers.

After her family of six moved to Redlands, California, her parents struggled to support the family, often working two or three jobs at a time—Pizza Hut, warehouse work, a retirement home kitchen. Kaunang was often their interpreter, translating English as well as explaining cultural nuances—a role she would continue well into her college years. In their cramped apartment, she shared a bed with her twin sister, Kally, and all four siblings shared one room.

Her family later moved to Beaverton and eventually bought a home of their own. But when she was 15, her dad left. They lost the house, and it was back to a cramped apartment. College was always a distant dream—financially, and also in terms of what she believed was possible. “I didn’t know about college, because no one in my family talked about it,” she says. “But a Trio advisor told me about it. The program gave me the courage to apply and helped me find an institution that was best for me.”

Thanks to Trio—and a PathwayOregon scholarship—Kaunang found her way to the University of Oregon. In

addition to the financial support, PathwayOregon advisors and other mentors helped her navigate college life, overcome academic and personal obstacles, and finish her degree. “Without Pathway I would not have gone to college and would have continued the cycle of working minimum-wage jobs like my parents,” says Kaunang. “PathwayOregon removed the barriers of the financial burden, but—more important—it removed the barrier of college access and success.”

NUMBERS GUY

Graham Simon, BS '16, decided he would attend the UO when he was in the seventh grade—a surprising epiphany for a kid growing up in Appleton, Wisconsin, with no connections to the university. “I can’t explain it,” says Simon. “It’s one of life’s mysteries.”

His fascination with the UO was so persistent that his parents gave him a trip to Eugene for his 15th birthday. From the moment he set foot on campus, he says, it clicked. This was home.

The UO awarded Simon—a greater-than-4.00 student who graduated high school with 88 college credits already

I don’t see money as a thing to be hoarded, it’s a thing you grow, like any organic substance. If you acquire capital, you understand how to give it away.

under his belt—a David and Nancy Petrone Dean’s Scholarship. The Dean’s Scholarship (now known as the Summit Scholarship) is a merit-based award that helps the UO recruit top students from across the nation. Simon received additional scholarships, enrolled in the Clark Honors College, worked part-time, and joined the Phi Beta Kappa honor society before earning his degree in mathematics and computer and information science last spring.

The diploma was a milestone. But Simon actually started down his career path when he joined the University of Oregon Investment Group (UOIG), a student club in the Charles H. Lundquist College of Business.

Chloe Huckins in her hometown of Portland where she is now working



Supported in part by donors, the UOIG gives students opportunities to manage real-money investment portfolios.

Through UOIG, Simon landed a summer internship with Moelis & Company, an independent global investment bank headquartered in New York City—a stint that led to a job offer from the same firm. He moved to Manhattan in July with his wife, Haley Simon, BA '16, who works for a Brooklyn public relations firm. “I know I’ve taken a very different path than most people,” says Simon.

He credits his math studies for his ability to handle big problems. “Our math department does a good job teaching abstract thinking. It’s about the thinking process—not mechanical answers. It helps clarify the thought process, so I can have better focus when the hours get long. When you see a big, messy problem, it’s not as daunting. I may be as discouraged or frustrated as anyone else, but I can break the big problem down into little ones.”

Of course, all that practical experience with the investment club helped too. So did the lessons learned in the

Clark Honors College. “It was a balance of liberal arts with practical, professional experience,” he says. “The honors college gave me clarity in communication. Even reading poetry was a benefit. I try to think a layer beyond the bullet point.”

Though he misses Oregon, Simon has made the transition to New York with the same resolve that brought him from Wisconsin to the UO. “Central Park has a little green, then you can go down to the financial district. I’m a big sucker for a good skyscraper. I take great pleasure from the fact that, 300 years ago, this was a swamp. Human ingenuity is remarkable to me. It’s the antithesis of Oregon, where nature did it over hundreds of thousands of years.”

Scholarships made it possible for both Simon and his wife to graduate college debt-free. “I feel so blessed,” says Simon, who had the opportunity as a student to personally thank donors for their support of the UO.

In the future, he hopes to give back and transform lives in similar ways. “I don’t see money as a thing to be

hoarded, he says. “It’s a thing you grow, like any organic substance. If you acquire capital, you understand how to give it away.”

TELLING STORIES OUT OF SCHOOL

Chloe Huckins, BA ’16, isn’t the first Duck to spend her summer seeking adventure in a camper van. But the journey she took after graduating last June was actually a freelance gig that helped the writer and producer launch a career in advertising.

Crisscrossing the state for 40 days, Huckins and a colleague documented 36 events for the Oregon Cultural Trust—shooting and editing video, interviewing subjects, and taking photos to promote myriad projects the organization supports through local arts commissions. Their multimedia tour de force led them to county fairs, museums, rodeos, and, as Huckins puts it, “community events celebrating everything from garlic to mules.”

“The most challenging part was the timeline,” she says. “We were editing on the road. So you’re exhausted after covering an event, and then you have to figure out what to do with the content to make a package. Then you camp, and you drive to the next event.”

Huckins says that the best aspect of her summer job was getting to see all of Oregon—forests, mountains, beaches, high desert. “It was heartwarming to be fully immersed in Oregon culture,” she says. “You can’t actually put your audience in a field in eastern Oregon with a rancher. But hopefully telling that story through words and pictures will bring it closer.”

Whether it’s for the Oregon Cultural Trust or her various student and professional projects, in pixels or print, through words or video, Huckins loves to tell stories—surprising, poignant, and true stories. Sometimes weird. Always challenging to the audience. Throughout her undergraduate years, the advertising and anthropology major from Portland sought out opportunities for adventure and storytelling (one often leading to the other).

“Luckily, I discovered my little independent spark long ago,” says Huckins. “It taught me that I’m going to be OK, if I just go for it.”

As a writer for *OR Magazine*, one of the first tablet-based student publications in the country, Huckins helped create a multimedia piece about Coast Guard rescue swimmers and joined a group of elderly fly-fisherwomen on the Siletz River. She produced a series of short videos for

Oregon Public Broadcasting that featured Governor Kate Brown, a marijuana farmer in Applegate named Pa Butt (and his pot-eating deer), and a taxidermy artist. As an intern with University Communications, she helped create “What Ducks Do,” an award-winning sexual violence prevention and education program, and served as *Oregon Quarterly’s* editorial intern.

Huckins also studied in Vienna, helped friends launch an outdoor magazine, and joined fellow students to create a national campaign for Snapple, representing the UO in a regional advertising competition. Scholarships, including PathwayOregon, helped her keep debt at bay. “I think I would have been able to

It was also rewarding to realize that my hard work was being recognized. It’s definitely been drilled into me from a young age that college is a privilege and a reward. You have to work for it.

attend the university without the support,” she says. “But it would have been much more difficult for my family. It helped a lot, especially when my mother was unemployed while she took classes to get her CPA license. It was also rewarding to realize that my hard work was being recognized. It’s definitely been drilled into me from a young age that college is a privilege and a reward. You have to work for it.”

Over the years, Huckins wrote many thank-you letters to the donors who helped fund her scholarships. “It was important for me to tell them why I was in school, how valuable I found my education, and how I was going to use it as a tool to better my life.”

This fall, she started a paid internship with the in-house video production team at Sockeye, a Portland-based agency. “It is really long hours, but it is constantly changing, very exciting, creative, and requires quick problem-solving,” she says. “I actually love my job.”

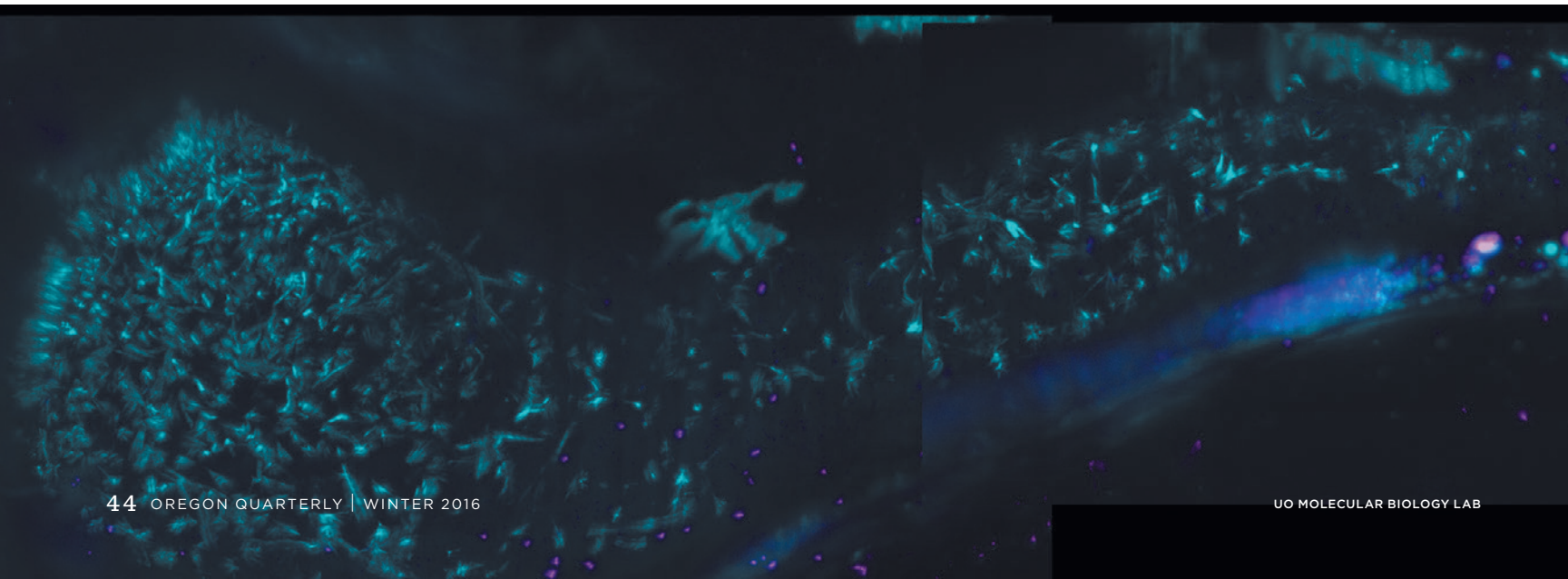
Ed Dorsch, BA ’94, MA ’98, is a UO staff writer.



Zebrafish are nearly transparent in their embryo and hatchling stages, allowing researchers to see their inner workings.

Below: Dyes allow researchers to see two species of bacteria in the larval zebrafish gut.

UNWINDING THE STRANDS,





UNLOCKING THE SECRETS

**A \$10 MILLION GIFT FROM COLUMBIA SPORTSWEAR
FOUNDER TIM BOYLE AND HIS WIFE, MARY, GIVES
THE UO'S GENETIC RESEARCH LABS A VITAL BOOST.**

BY JIM BARLOW

PHOTOGRAPHS BY CHARLIE LITCHFIELD



quietly operating in a corner room in a subterranean lab, a plain-looking piece of machinery is unraveling the mysteries of DNA.

It may not immediately draw one's eye, but this machine is now one of the most powerful tools in the Lorry I. Lokey Science Complex. The tool is a \$1 million state-of-the-art Illumina genetic sequencer—the only one of its kind in the state of Oregon—and it is enabling UO scientists to analyze DNA samples at rapid speed and make new discoveries in the life sciences.

Those discoveries are among the significant benefits of the recent \$10 million gift to the UO from Mary and Tim Boyle, '71, who pledged the funds last February. In addition to the new sequencer, the Boyles' gift will provide support for additional instrumentation for the planned renovation of the UO's Genomics and Cell Characterization Core Facility, where the sequencer is housed, as well as help equip the a new facility for biological imaging. The Boyles' gift also established an endowment for permanent operational support for the university's aquatic animal care facility, providing a secure future for this prized research asset.

"We thank the Boyles for this tremendous commitment to our scientists," says David Conover, vice president for research and innovation. "Their gift has already enhanced the work of so many of our researchers and will continue to have a transformative impact on life science research at the UO. The suite of core facilities made possible by this gift will inspire future collaborations, drive new discoveries and empower research excellence for years to come."

It might seem curious that Tim Boyle, the CEO of Columbia Sportswear, and his wife Mary, would make such a major investment in a field so different from his profession. But the Boyles' interest is tied both to the UO's longtime reputation for excellence in genetics research and a family connection. Tim's beloved aunt, Hildegard Lamfrom, was a scientist in the UO Institute of Molecular Biology in the late '60s. As a freshman journalism student, Boyle often visited his aunt at the institute. "She always talked about how difficult it was to get funding for research," he says. "It was always a challenge. So my wife and I feel great about being able to help today's scientists with that."

Sphere of Influence

Tim Boyle's aunt, Hildegard Lamfrom, worked in the UO's Institute of Molecular Biology from 1967 to 1970, a mere fraction of a 40-year career in which she worked alongside a dozen Nobel laureates.



"She was a brilliant woman, and I knew her well, especially when she was at the University of Oregon," Boyle says. "I spent time with her in her lab. Frankly, I didn't really know at the time what she was doing there. I was an 18-year-old kid, walking around and chatting with people she knew."

Three sisters—Hildegard, Eva, and Boyle's mother, Gert—emigrated from Germany with their parents in 1938 amid the growing danger to Jews. They moved to Portland, where Tim Boyle's grandfather,

who had owned a shirt factory in Germany, "bought a little hat and cap company, which would become Columbia."

Hildegard Lamfrom graduated from Portland's Grant High School. She earned degrees from Reed College, Oregon State University, and Western Reserve, now known as Case Western Reserve University. "She had a very brilliant career in pure science," Boyle recalled.

In the early 1960s, Lamfrom worked in the United Kingdom with three future Nobel Prize winners—Francis Crick and James Watson, who isolated the double-helix structure of DNA, and Sydney Brenner. She spent time as a scientist in labs in Denmark, India, Los Angeles, and Paris. At Caltech, just before moving to Eugene, she was on the team that found the first evidence for messenger RNA.

At the UO, Lamfrom worked with George Streisinger in the Institute of Molecular Biology. She left the UO to work with her friend John Abelson at the University of California, San Diego, on emerging breakthroughs with RNA, or ribonucleic acid. Along the way, she also worked with future Nobel laureates Linus Pauling and Richard Feynman.

At the UO, Lamfrom and her life partner, Anand Sarabhai, whom she had met in India, developed strong friendships. "Hildegard was welcome at labs all over the world," says UO biologist Frank Stahl, who also had worked with her at Cambridge. "She was a fine biochemist and a very pleasant and sociable person."

UO biologist Peter Von Hippel landed at the UO the same year as Lamfrom and Sarabhai. It was a time, he recalled, that Streisinger and Stahl were developing their approaches for studying the genetic code, and when Streisinger was starting to think about cloning zebrafish. Lamfrom, he said, was always very much part of the conversations.

"As a scientist, Hildegard was a free spirit and had broad-ranging interests in all facets of molecular biology," von Hippel said in a 2010 talk at Oregon Health and Sciences University, where a Boyle gift established the Hildegard Lamfrom Endowed Chair in Basic Science. "Her thoughts were always incisive and stimulating."

"My aunt Hildegard was a very modest person," Boyle says. "She was very self-effacing and just wanted to be helpful." And, perhaps not surprisingly, he adds, "She was an avid outdoorsperson."



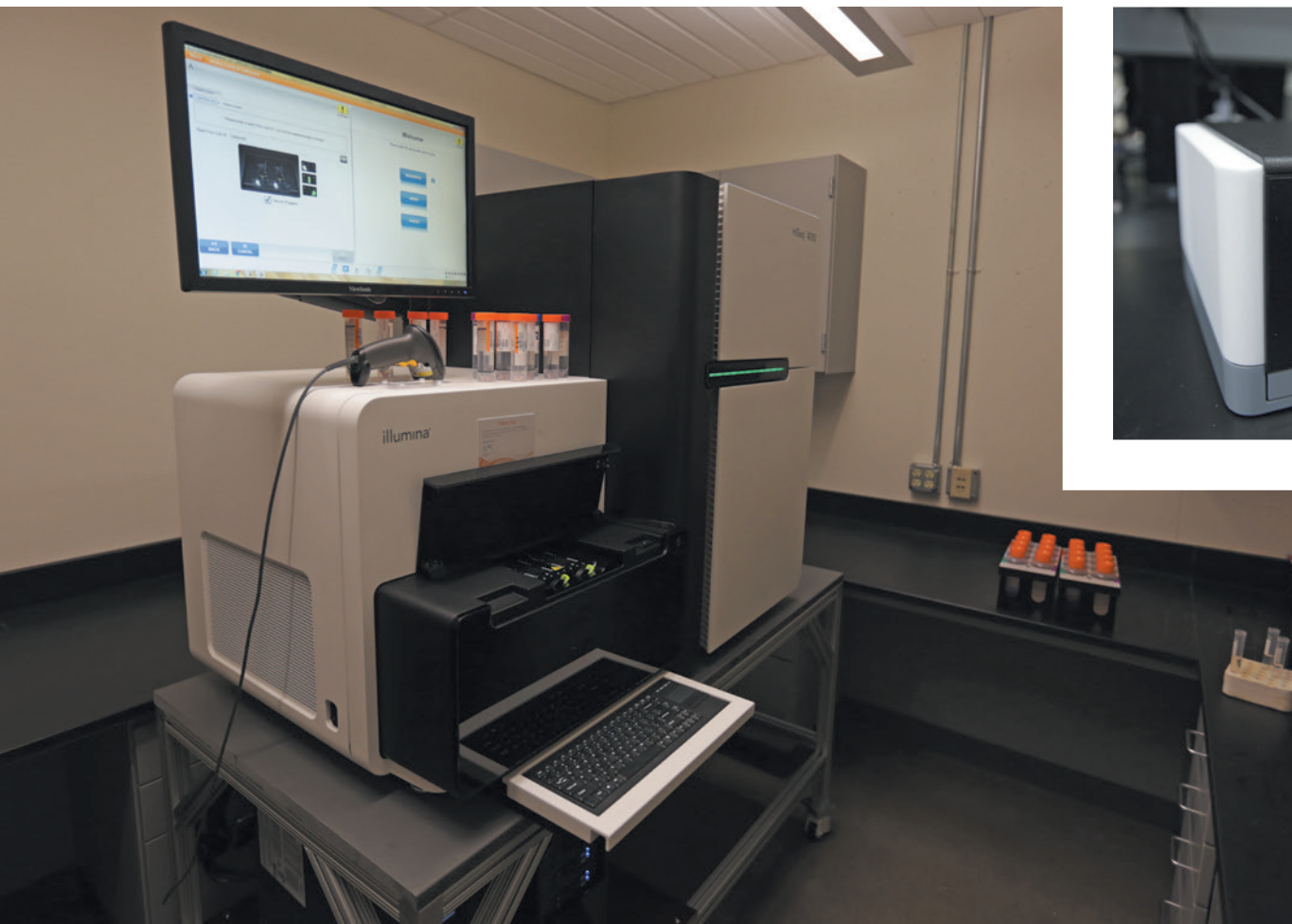
Above: Hildegard Lamfrom—Tim Boyle's aunt—worked with George Streisinger in the UO Institute of Molecular Biology.

From left: Doug Turnbull, director of the genomics facility; biology professor Judith Eisen

“ SHE ALWAYS TALKED ABOUT HOW DIFFICULT IT WAS TO GET FUNDING FOR RESEARCH. IT WAS ALWAYS A CHALLENGE. SO MY WIFE AND I FEEL GREAT ABOUT BEING ABLE TO HELP TODAY'S SCIENTISTS WITH THAT. ”

With the exception of colors moving on a monitor, the magic of the new sequencer all happens under the hood. The process can be compared to ripping out all of the pages from a dictionary, analyzing every letter and word on every page, and then putting everything back together in a bound volume, says Doug Turnbull, director of the genomics facility.

Researchers use the machine to help answer basic questions about how organisms develop normally and how they respond to mutations caused by disease or their environment.



Above: The newly acquired 10X Genomics Chromium device helps scientists explore the presence of junk DNA, genetic material that may or may not have a functional role.

Left: The new Illumina genetic sequencer—the fastest in the state—allows researchers to study genes related to the growth and development of various species.

While they use a number of species in their research, including salmon, sticklebacks, and even mosquitoes, the UO's claim to fame in genetics revolves primarily around the zebrafish, a small tropical fish in the minnow family. These fish are especially useful because at the embryo and hatchling stages they are mostly transparent, offering an easy view of their internal development.

The use of zebrafish as a model biological organism began at the UO in the 1970s, under the leadership of biologist George Streisinger in the Institute of Molecular Biology. Now, the aquatic animal care facility is home to some 45,000 fish. "We are zebrafish central," says UO biologist and neuroscientist Judith Eisen. "When we travel internationally, people say, 'Oh, we know about Oregon.' And it's not because of the Ducks. It's because of zebrafish research."

Researchers in 11 different UO labs use these fish to explore genetic links to human problems such as autism, blindness, cleft palate, deafness, heart disease, limb regeneration, mental retardation, Parkinson's disease, schizophrenia, and microbial influences on basic development, as well as how bacterial influences in the gut may connect to brain health.

Biologist Phil Washbourne uses them to study how synapses—intricate networks of neurons—pass along information in the brain during development and in diseased states. Breakdowns in these networks are tied to conditions

such as autism, schizophrenia, and mental retardation. Washbourne is thrilled to have access to the new sequencer. "The kinds of experiments we are planning have never been attempted," he says.

Karen Guillemin, who heads the NIH-funded Microbial Ecology and Theory of Animals Center for Systems Biology at the UO, uses zebrafish to study how microbial communities in the gut (both good and bad) affect developmental processes. "The new sequencer is substantially reducing costs for us to profile bacterial communities of zebrafish, which is extremely exciting for our research program," she says.

Outside users from other universities, federal labs, and private companies can also use the equipment under a fee-based arrangement. "Having the UO facility as a DNA-sequencing partner streamlines our business operations and allows Floragenex to focus on serving hundreds of scientists in over 25 countries worldwide," says Rick Nipper, president and CEO of Floragenex, a UO spinoff that offers sequencing services.

Long-term support of the aquatic animal care facility is a critical benefit of Boyles' gift, which frees up important funds for research expenses, Eisen notes. "Everyone who is doing research on zebrafish is a beneficiary of this gift."

Jim Barlow is a UO science writer.

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the West Coast on the Map

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OLD Oregon



In the Swim

A student volunteer teaches kids water skills as part of the UO's Migrant Labor Project during the summer of 1996. Many university students volunteered their time on swimming, art projects, and field trips for migrant workers' children while their parents were at work.

Tapping into History

Darron Welch, BA '92, uses many of the skills he learned as a history major to inform his work as cofounder and head brewer of the Pelican Brewing Company.

BY GAIL OBERST



If Darron Welch had followed in his parents' footsteps, he might have been a musician instead of the award-winning master brewer at Pelican Brewing Company, based on the beach in Pacific City, Oregon. His mother is a singer and pianist, and his father a multitalented band teacher.

But like many Oregon craft brewers, Welch doesn't always stick to the script. After high school in Springfield, he followed an interest in American and world history while enrolled in the UO's Clark Honors College. His studies and two stints abroad honed his ability to see craft beer's place in the world, he says. "The story of the US is defined by what new people bring to our country, and our beers reflect that."

Welch's first visit to Germany was a gap year abroad after he graduated from high school. His interest in beer began to grow as he traveled and discovered the wide range of beers available in Europe, where the legal beer- and wine-drinking age begins at 16. "The beers had so much variety and flavor. It was a real eye-opener," he says.

When he returned home a year later, the Presidential Scholar started college. In 1990, he returned to Europe through a study-abroad program, earning UO credit while spending a year in Szeged, Hungary, 10 miles from the then Yugoslavian border. The small town had its own brewery with a variety of lagers, although the region was better known for its wine. The Berlin Wall had just come down, and the civil war that would divide Yugoslavia in years to come had not yet started. "But you could see it coming," he says.

Welch met his wife-to-be, Stephanie Starostka, an Oregon State University student on the same program, in Hungary. They now live south of Pacific City with their two teenage sons.

During Welch's UO years, while he was developing home-brewing skills, Eugene spawned its first post-Prohibition craft breweries, places he would visit as funds allowed. But his real career-changing moment came after graduation, while working for a Eugene pipe organ builder. While he was helping



install an instrument at Lawrence University in Appleton, Wisconsin, Welch hung out at the Adler Brau brewpub nearby. One day, he asked the owner about part-time work and was rewarded with weekend keg-washing duty. After completing the organ installation, Welch worked for nearly a year at the brewery. He was hooked.

In 1995, he took his brewery experience back to Oregon, talking his way into the brewer position at Pelican when it was still in the planning stages. A few years later, he became part owner of the 15-barrel brewery. "It took me years to finally get out of washing kegs," Welch says with a laugh. Today, semiautomatic washing machines help with the job.

If you're waiting in line to get into Pelican's popular Pacific City brewpub on a summer weekend, it might be hard to believe that their beer was not an immediate smash hit. But of course, the news eventually got out about the combination of oceanfront views, award-winning beers, and good food. By 2004, the brewery had four employees. Soon after, they added a banquet room, followed by expanded beer distribution. By 2013, demand for Pelican beer required the addition of a 30-barrel system in Tillamook, a facility that now has its own small taproom and kitchen. This year, Pelican's Cannon Beach restaurant

“The story of the US is defined by what new people bring to our country, and our beers reflect that.”

opened, with its brewery due to come online before the end of the year.

Behind the success is Welch, who says his history research and international travels have informed his beers. Among his first and most popular recipes at Pelican was Kiwanda Cream Ale, an American pre-Prohibition-style brew that has earned 21 of the more than 380 national and international medals and awards won since the brewery opened.

While he learned his technical and science skills on the job, he credits his critical thinking, research, writing, and organizing abilities to his time at the UO. "They were all part and parcel of earning a history degree," he says.

Gail Oberst, BA '84, is editor of *Oregon Coast* magazine and the founder of *Oregon Beer Growler* magazine.

Get Your Duck On!

Check out these regional events for UO alumni and friends.

For detailed information, visit: uoalumni.com/events
e-mail: alumni@uoregon.edu
call: 800-245-ALUM

Comedy? Hockey? Holiday festivities? Find all this and more at the following winter events:

December 1
COMEDY NIGHT—STAND UP SOCIETY
Eugene, OR

December 2–January 1
MATTHEW KNIGHT ARENA WINTER BAND
While students are away over winter break, the Oregon Alumni Band takes to the MKA stands and keeps the crowd entertained during events. Dust off your instruments and join us this winter—high school and college musicians are also welcome to join! *Eugene, OR*

December 8
DC DUCKS 26TH ANNUAL HOLIDAY PARTY
Washington, DC

December 16
WINTER AROUND THE WORLD SOLSTICE CELEBRATION From music and dance performances to crafts and science activities, the annual winter solstice celebration means fun for the whole family. *Eugene, OR*

January 4
IDEAS ON TAP: The World to Come: How We Feel About the Future In this time of rapid social and environmental change, people are increasingly anxious about the future. Join Portland State University's David Osborn and explore how these shared anxieties can translate into greater empathy among people with opposing views. Sponsored by the Museum of Natural and Cultural History. *Springfield, OR*

February 1
IDEAS ON TAP: Lessons from Malheur: Community Resilience and the New Sagebrush Rebellion A year after the armed occupation of Malheur National Wildlife Refuge, UO geographer Peter Walker explores its effects on the community of Burns, and the Bundy family's long running efforts to challenge the federal government. Sponsored by the Museum of Natural and Cultural History. *Springfield, OR*

February 10
WINTERHAWKS ALUMNI NIGHT Check out the Portland Winterhawks at a special Alumni Night for both UO and OSU alumni. Let's turn out strong and out-cheer the Beavers. *Portland, OR*





Quarterback Shy Huntington hands off the ball to a teammate.

The Day the Webfoots Put the West Coast on the Map

One hundred years ago, the UO's football team silenced those who said West Coasters couldn't win at football.

When the University of Oregon Webfoots opened the 1916 season with a 97-0 win over Willamette University, the result was met with deafening silence nationwide. The West Coast was a college football afterthought, figuratively and literally thousands of miles from relevancy. Just how strongly was the balance of power located in the East? Ivy League schools were declared champions or cochampions in every year but one between 1869 and 1915, and the farthest west school to win a title was the University of Illinois in 1914.

Clearly, it was going to take something special to get the nation to notice college football on the West Coast.

It took the University of Oregon.

Coached by Hugo Bezdak and trained by Bill Hayward, the Webfoots—wearing blue and yellow uniforms and still a decade away from becoming the Ducks—went 6-0-1 in 1916, outscoring their opponents by a combined 244-17.

BY DAMIAN FOLEY

When the time came for Tournament of Roses organizers to select participants for the third playing of the Tournament East-West football game, they opted for the UO over the University of Washington—who had held Oregon to a scoreless tie—as the Webfoots were \$250 cheaper to bring in by train. That isn't to say the trip was entirely affordable for Oregon though; the UO sold its bookstore to help pay the train fare.

The University of Pennsylvania Quakers—five-time national champions who boasted a loaded roster featuring four All-Americans—played the role of Goliath to the Webfoots' David. The Quakers were a three-touchdown favorite, and even coaches who had faced the UO that year picked Philadelphia's finest to defeat the upstarts from Eugene.

"We are going to put a team on the field that won't be licked and consequently can't be licked," the *Washington Times* quoted Penn head coach Bob Folwell as saying. The Quakers were so confident that they held an open practice session, where they proudly showed off their dazzling array of trick plays in front of a crowd that included the awed Webfoots. "I've got only overgrown high school boys, while Penn can field a varsity of big university strength," said Bezdak. "We haven't a chance."

“We were scared to death of them,” Oregon team captain John Beckett told the *Oregon Daily Emerald*.

While the Penn Quakers were big names in college football in 1916, the Rose Bowl itself was not. In fact, it wasn’t even the Rose Bowl; the name wasn’t used until 1923. The inaugural game, in 1902, was played in front of a crowd of just 8,000 at Tournament Park on the California Institute of Technology’s campus. Staged as a novel accompaniment to the Tournament of Roses’ parties and New Year’s Day parade, the contest ended eight minutes early when Stanford, trailing Michigan 49–0, simply quit playing.

Organizers responded by replacing the game with chariot races, inspired by *Ben-Hur*. They didn’t hold a game again until 1916, when they invited the Brown University Bears and the Washington State Warriors to Pasadena. The Warriors spent their mornings leading up to the game acting as extras in the silent film *Brown of Harvard*. The Bears relaxed by attending the Rose Parade prior to kickoff. Though the Warriors won 14–0 on a muddy field in front of 10,000 fans, the win “did nothing to diminish the widely held belief that East Coast teams were vastly superior to their Western challengers,” the *Los Angeles Times* later wrote.

When the Webfoots and Quakers arrived at Tournament Park on a gloriously sunny New Year’s Day in 1917, they were greeted by a raucous

“Imagine what we thought and said when Oregon scored its first touchdown on our own play.”

crowd of more than 26,000. Back in Eugene, the Heilig Theater on Willamette Street was packed with people wanting to follow the game. The first radio broadcast of a college football game was still more than four years away, so plays were relayed via Morse code to Mac McKeivitt, a Western Union representative backstage at the Heilig; as each play came in, McKeivitt passed it along to an announcer who called it out over a megaphone, while the position of the ball on the field was displayed on a board set up on the stage.

What the fans heard, and what the crowd in Pasadena witnessed, defied belief.

The Webfoots stuffed Penn repeatedly on every drive. In the third quarter, Shy Huntington, the Webfoots’ quarterback, kicker, and safety, picked off a pass and led the team on a 70-yard drive back down the field. UO halfback John Parsons handed off to Huntington on a reverse, and Huntington threw the ball to Lloyd Tegart for a 20-yard touchdown.

Penn was stunned, and not just because they were trailing—that was one of the trick plays they had shown the UO at practice. “Imagine what we thought and said,” Penn quarterback Bert Bell lamented, “when Oregon scored its first touchdown on our own play.”

In the fourth quarter, Huntington put the game out of reach when another interception, one of three that day, led to a 45-yard Parsons run to the one-yard line. Huntington finished the play with a scamper to the corner of the end zone, and his successful kick gave the Webfoots a 14–0 lead.

That turned out to be the final score, leading *Los Angeles Times* writer Harry Williams to proclaim West Coast teams would “lick the stuffing out of every eastern team.” Philadelphia’s *Evening Public Ledger* called the UO’s victory a “splendid performance,” while a wire report added that the UO “is hailed as one of the greatest in the US.”

Penn’s players added to the praise, with Mathews stating the Webfoots were the second-best team the Quakers played that year—and that Parsons was “one of the best backs that I have seen work this season. He could make any team in the East.”

Beckett was named the game’s Most Valuable Player, and was also named an All-American, becoming just the second player from a West Coast school to ever earn the distinction.

While the Webfoots’ performance was not enough to see the team crowned national champions—that honor went to the Pop Warner-coached University of Pittsburg Panthers—it did bring national attention to the football played on the Pacific seaboard. In the decade following the game, Cal and Stanford combined for five national championships; by 1937, conference schools had won 11.

The University of Oregon won’t add to the Pac-12’s tally of national titles this year, but there’s no doubt that the school that once fielded “overgrown high school boys”—and didn’t play in a single bowl game from 1964 to 1989—is enjoying a period of dominance unparalleled in its history. The Ducks are the only team from outside the state of Alabama to compete for the national championship twice this decade, and only the Crimson Tide have played in more Bowl Championship Series bowl games and College Football Playoff games combined since 2010.

And the days of those wins being met with deafening silence are long over.

Damian Foley is a staff writer for University Communications.

UO quarterback Shy Huntington is tackled by a pair of Penn defenders during the 1917 East-West game.



Class Notes

Do you ever wish we printed more notes from *your* class? Your classmates feel that way, too. Submit a note online at OregonQuarterly.com or mail it to Editor, *Oregon Quarterly*, 5228 University of Oregon, Eugene OR 97403-5228.



Plot Twist

It would've been hard to predict that Collins Hemingway, MA '79, would publish a trilogy imagining what Jane Austen's life would have been like if she had married. Hemingway chose the UO for graduate school and hoped to cover track and field for the *Register-Guard*. Instead, they drafted him to help lead the R-G's transition from typewriters to computers.

Armed with a UO master's degree in English, he went on to work for Microsoft, where his role morphed from writing user manuals to marketing Windows to the world. After writing a number of nonfiction books, his first novel in the Austen marriage trilogy came out in 2015, and the second, *The Marriage of Miss Jane Austen: A Novel by a Gentleman*, was released in September. He expects the finale to be finished by the 200th anniversary of Austen's death in 2017.

Now Hemingway and his wife, Wendy, are giving an estate gift that will be shared by the university's Creative Writing Program and the Pine Mountain Observatory. "My instructors at the UO meant a lot to me personally and professionally," he says. "I'm glad we're in a position to do something for the university by supporting important areas in science and in literature, because both have been very important to my life and career."

INDICATES UOAA MEMBER

1950s

MARJORIE (TATE)

WHITE, BS '49, has a very active Ducks family. She enjoys her grown-up Ducks and four active Duck grandchildren. She and her Alpha Tau Omega husband, **ROBERT WHITE**, BS '50, are proud lifetime University of Oregon alumni. Marjorie was in the Tri Delta sorority.

At 88 years old, **FRED SCHNEITER**, BS '52, keeps busy marketing his latest international book, *The Taste of Old Hong Kong: Recipes and Memories from 30 Years on the China Coast* (Blacksmith Books, Hong Kong). His other book, *Getting along with the Chinese: For Fun and Profit*, which has been in print for 24 years, is now in its second edition after a year on the *South China Morning Post* best-seller list.

At age 80, **RICHARD PRUITT**, BS '58, is grateful that former UO professor Max Wales turned him away from news and editorial to advertising. This

opened the door to a very successful career. Sitting by his pool in Florida, at 80 years old, he thanks his lucky stars Professor Wales pushed him in the right direction.

1960s

T. JEFF WILLIAMS, BS '60, who could never pass Olympian **JIM GRELE**, BBA '61, or Nike founder **PHIL KNIGHT**, BBA '59, in UO mile races, recently completed the grueling Dipsea Trail Race and topped all other runners in his age group, 75 and up. The oldest trail race in the US, the Dipsea stretches 7.5 miles from Mill Valley to Stinson Beach in California.

DIANE BLAKELY HULEN, BA '61, retired to Mazatlan, Mexico, 14 years ago, and is trying to do good deeds, especially by supporting university scholarships. She wonders why so few people from the '60s post their stories and hopes to see more classmates send them in.

DON ESSIG, MEd '64, PhD '71, received the Bill Shonely Lifetime

Achievement Award from the Oregon Sports Hall of Fame, honoring his 50 years as the public address announcer for UO Ducks football and men's basketball teams, and his many contributions to the humanitarian and community needs of the state of Oregon. Don is a past president of the Oregon Club of Eugene-Springfield. He and his wife, **JANET**, MEd '75, are lifetime members of the UO Alumni Association.

CAROLYN WOOD, BA '67, has published a memoir, *Tough Girl: An Olympian's Journey* (White Pine Press, 2016), that recounts her training for, competing in, and winning gold in the 1960 Rome Olympics, as well as her thoughts while walking the Camino de Santiago almost 50 years later. Wood taught high school English in the Portland area for more than 35 years.

After 35 years with Albany, Oregon, law firm Weatherford Thompson, attorney **ED SCHULTZ**, BS '68, JD '72, a shareholder in the company, is retiring at the end of 2016. He joined the company in

FLASHBACK

2006 An article in *Oregon Quarterly* highlights the recent trend of helicopter parenting. While some college students enjoy their parents' willingness to be there on every whim, professors are not used to the bombardment of telephone calls from overly eager and worried parents. Student Life is running a few sessions for parents including "Holding On and Letting Go."



DUCKS AFIELD

In Whistler, British Columbia, **SCOTT DOUGLAS**, BArch '81, throws his 'O.' Each ring stands for one of the five inhabited continents, and, he adds, "plus one 'Ring-O' for Oregon!"

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1981, but has worked as a lawyer for 44 years.

1970s

GREG W. CARLSON, BA '71, retired on New Year's Day this year. He and his wife, Sally, who is transitioning toward retirement as well, are wholeheartedly living life to the fullest.

STEPHEN KANTOR, BS '71, was one of six lawyers

from the Samuels Yoelin Kantor law firm honored in the 2016 issue of *Oregon Super Lawyers* magazine. Stephen has been included in every issue of the publication since its inception.

Equipped with his degree in political science, **MARK A. THEISEN**, BS '72, invested the next 40-plus years of his working career in public and private sector jobs. These included

service with a congressman and a US House of Representatives policy committee in Washington, DC, the US Attorney's Office for the Eastern District of California, plaintiffs' civil law firms, and 27 years lobbying in California's state capitol in Sacramento. He is excited to attend more UO athletics events with his wife, Denise.

After publishing nine novels, **LINDA WELCH**

CREW, BA '73, has released a new memoir called *Accidental Addict: A True Story of Pain and Healing . . . also Marriage, Real Estate, and Cowboy Dancing* (BookBaby, 2016).

NATALIE "CHRIS" COLEMAN, MS '74, PhD '77, retired from her position as clinical director for the Washington State Developmental Disabilities Administration in September 2014. She

continues to be a licensed psychologist in Seattle and is a huge Ducks football fan.

In July, **GREGORY L. HUTZELL**, BS '75, was named associate professor in the School of Management at Concordia University in Portland. This follows a 30-year career in financial services and consulting, and 10 years as an adjunct professor of business.

CHRISTINE HEINRICHS, BS '76, published her third book on heritage poultry in 2016, *The Backyard Field Guide to Chickens*. She was an invited speaker at the *Mother Earth News Fair* in Albany, Oregon, the Heirloom Expo in Santa Rosa, California, and participated in various roles at the Society of Environmental Journalists annual conference in Sacramento.

continued on page 56

1980s

JANET SCHROER, JD '81, was honored in the 2016 issue of *Oregon Super Lawyers* magazine, along with eight other lawyers from the Hart Wagner law firm.

PATRICK HAYES, BArch '83, principal at Stantec, was recently featured in *Commercial Executive Magazine* to discuss all aspects surrounding his career change.

QUENNA BEASLEY, BS '86, was recognized for her track-and-field accomplishments and inducted into the Oregon Hall of Fame in September. She

ranks fourth all time in the Oregon record book for shot put and second for discus.

JOHN HENRIKSON, BA '88, is managing editor of *MSN News* at Microsoft. He lives in Tacoma with his wife, Judy, whom he met his first week at UO, and their teenage son Ben.

1990s

The owner and founder of Fundy Software Inc., **ANDREW FUNDERBURG, BA** '92, was invited to speak at the Click Away photographer conference in Portland. *continued on page 58*



DUCKS AFIELD

In June, **CYNTHIA KANE, PhD** '85, visited her cousin in Saudasjøen, Norway, and hiked the Hovlandsnuten trail. The trek is 4.2 miles long and has a 3,000-foot elevation change. Kane travels with her Ducks hat wherever she goes.

Will Power



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DUCKS AFIELD

The UO's Cultural Landscape Research Group traveled to Pohnpei, Micronesia, in July. In the field at Nan Madol are (left to right) Professor Emeritus **ROBERT MELNICK**; **VERONICA MALINAY**, MLA '15; **NOAH KERR**, MS '14; Tish Peau, a workshop participant; and Stanton Enomoto and Christopher Johnson of the National Park Service.

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FLASHBACK

1926 According to the circulation librarian, Mrs. Mabel McClain, students are reading fewer books this year but the selection is more discriminating, with the sensational novel being less popular. Poetry and drama are also being read less, but there is a revival of books of a philosophical nature. Among the popular books are *Tolerance*, by Hendrik Van Loon, *Decline of the West*, by Oswald Spangler, *The Silver Spoon*, by John Galsworthy, and *The Romantic Comedians*, by Ellen Glasgow.

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MELINA LAMORTICELLA, BA '92, has been elected chair of the Oregon chapter of the American Immigration Lawyers Association. She is a member of Tonkon Torp's Business Immigration practice group and represents regional and international companies in a variety of matters.

Helena attorney **BRUCE SPENCER**, JD '92, was selected as president of the State Bar of Montana. He previously served as the bar's secretary-treasurer.

GRANT YOSHIHARA, MBA '92, has been promoted to senior vice president of operations of Northwest Natural Gas Company. He joined the company in 1991, and has served several roles, including vice president of utility operations.

CHARMAINE HILTON BUEHNER, BS '94, recently received the Holly Spevak Community Service Award from the Women Lawyers of Ventura County. She is president of the Ventura County Bar Association this year and a past president of Women Lawyers.

HealthSparq, a company cofounded by **TRUX DOLE**, MBA '99, was ranked

number 196 on the Inc. 5,000 list, and was one of the top five fastest-growing Oregon companies for the second year in a row.

2000s

SADIE DRESSEKIE, MBA '00, has launched Real NW Group, a commercial and residential real estate brokerage and consulting firm, in downtown Eugene. She's spent more than 20 years in marketing and PR, including six years as the marketing director for real estate development firm Arlie and Company.

BRIAN MALLOY, BA '01, has been selected by his peers for inclusion in the

FLASHBACK

1936 Admiral Richard E. Byrd is scheduled to visit January 27. The "conqueror of the Antarctic," a revered scientist, explorer, and aviator, will be showing an astounding 9,000 feet of motion picture film, where "glimpses of he and his gallant crew as they swooped over polar seas in their huge Condor plane, or ploughed through clashing pack-ice in the barkentine, *Bear of Oakland*, will be seen."

IVAR YONG



CLASS NOTABLE

Design of the *Times*

ANDY ROSSBACK, BS '14, has landed a job as graphics and multimedia editor at the *New York Times*. As editor in chief of the *Oregon Daily Emerald*, Rossback was a part of an innovative team that orchestrated the paper's movement to a primarily digital edition. After graduation, he was an editorial designer for the Marshall Project, where he worked on articles covering a variety of topics, including prisoner life, courtroom events, and criminal justice. "This is an interesting moment in media—where we try to strike a balance between tradition and invention," he says. "I am excited to learn from and contribute to those efforts at the *Times*, where the subject matter is important, the quality is unparalleled, and the people are wise."

Best Lawyers in America for 2017 and as a Northern California Super Lawyer for 2016. Malloy works at the Brandi Law Firm in San Francisco, where he lives with his wife, Aimee.

Along with his wife, **TANYA**, whom he met at the UO, **MATT POWELL**, BS '01, co-owns Windermere Real Estate/Lane County, which is based in Eugene and is the largest real estate company in the county.

The founder of Mascots for a Cure, **DEREK ZINSER**, BS '02, has kicked off the non-profit organization's newest campaign, Twist Away Childhood Cancer Challenge.

He's collaborated with singer Chubby Checker to encourage people to donate money and submit a short dance video.

DAVID ROSEN, MBA '02, was named vice president of product marketing at Gree International Entertainment—a San Francisco-based developer and publisher of video games for mobile devices.

JUSTIN KEELAND, BS '05, has published an Oregon Ducks-inspired children's book titled *'Twas the Night before Duckmas*, an Oregon take on a classic story.

PHILIP THOENNES, BS '09, graduated from law school and is now

working as a law clerk for Justice Rives Kistler of the Oregon Supreme Court.

2010s

McKinney York Architects' **COURTNEY (NUNEZ) TARR**, AIA, MArch '10, completed her architectural registration exams and received her registration as a licensed architect in the state of Texas.

ANTHONY BLAKE, BS '13, joined Ball Janik LLP as an associate lawyer in its construction and litigation practice groups. Blake's practice includes general litigation and representation of *continued on page 60*

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FLASHBACK

1966 A new seven-story building called the College Inn can house up to 500 students, with men on the first three floors and women on the top four. The list of luxurious amenities in the modernistic steel and cement structure includes wall-to-wall carpeting, private baths, and maid service.

residential and commercial owners in construction defect claims of all types. In October, he will join the League of Oregon Cities as assistant general counsel.

MAURA TURNER, BA '14, is working at Pixar Animation Studios as a production coordinator. She made connections with alumni **GREG SNYDER**, BA '92, during her freshman year in the Cinema Studies Program and now works alongside him.

The Greater Bandon Association has hired **DANA NICHOLS**, MA '16, to serve as a RARE (Resource Assistance for Rural Environments)

AmeriCorps member. Her role will be program manager, and she'll also work with Bandon's planning department.

IN MEMORIAM

CHARLEEN ROBERTA PURCELL-HANAN, BA '36, died on June 27 at age 103. She was a member of Sigma Kappa sorority and Phi Chapter of Delta Kappa Gamma, an honorary for women educators. She was a teacher for many years and will be missed by family and her students who adored her.

KATHRYN WERRY CHILDRESS, class of '43, died on June 16 at age 96. An active member of the Pi Beta Phi, she was

married to Navy lieutenant John B. Childress for 69 years and had three boys.

MAJ. STEPHEN A. CHURCH JR., BS '51, died September 5 at the age of 87. He was a Theta Chi member, a member of the honor society of Friars, and senior class president. He served in the Air Force during the Vietnam War, and during his free time enjoyed skiing, philately, and playing jazz piano.

BARBARA JANE (JEREMIAH) RODABAUGH, BA '51, died at age 86 on September 17. She was an enthusiastic traveler who visited Europe 10 times. Barbara was a strong

FLASHBACK

1976 The UO is planning a pioneering experiment in using Refuse Derived Fuel (RDF) to power the boilers that provide electricity and steam heat for campus. Lane County trash will be shredded into fragments, and then the lighter trash, mostly paper, will be separated from metal and glass by a powerful blower. Then the material will be mixed with hog fuel (sawmill waste wood), and a new smoke-stack scrubber will remove most objectionable emissions. "I think it will be great, says physical plant director Harold Babcock, "because we will be getting something useful out of our garbage."

supporter of the women's movement, and lived life on her own terms. She loved reading mysteries, movies, good food, and her 5:00 p.m. martini.

BEVERLY SORENSON COGHILL, class of '53, died on September 27 at age 86. She volunteered at a local hospital, and was a member of the Orange Women's Club and the Republican Women's Club. She enjoyed many activities with her family including waterskiing and boating.

DR. ROBERT W. BRUECHERT SR., MD '57, died at age 85 on September 23. He practiced family medicine

in Oregon City and later joined the Oregon City Eye Clinic. He was a talented photographer and owned a Christmas tree farm. He is survived by his wife of 61 years, Bonnie.

ANNETTA KINNICUTT, BS '61, died June 2 at age 76. A Honolulu native, Annetta was passionate about her Hawaiian roots. She enjoyed a 50-year teaching career and was the lead horticultural teacher for the Lani-Kailua Outdoor Circle's "Learning to Grow" Project at the Women's Community Correctional Center.

HERBERT H. "HERB" BAKER, BA '63, MA '72,

died October 4 at age 80. He served two years in Vietnam as a first lieutenant and captain and was an advisor in north-east Thailand. Baker received a Bronze Star Medal and Air Force Commendation Medal in Vietnam and was one of only two intercept-director officers serving in the Vietnam-Thailand theater (1965-67) to attain expert proficiency status.

DR. GERALD HERRIN, MD '63, died October 1 at age 80. He served in the US Army, including one year as a combat surgeon in Vietnam. He was a fellow of the American Academy of Orthopedic *continued on page 62*



DUCKS AFIELD

Candace (Weinstein) Feinstein, BA '75, throws her 'O' outside of an artists' community in Ein Hod, Israel.

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FLASHBACK

1956 Loella Armstrong, a single mother of three, is working toward her BA in art education. After being left to raise her daughters alone, she tried housekeeping work but found it too strenuous. So she set off to the UO and is currently running a rooming house to support her family. She plans to teach art at the high school level after she graduates.

Surgeons and a diplomat of the Academy of Orthopedics.

KAREN HOPE CLARK, BA '65, died August 17. Clark graduated summa cum laude and Phi Beta Kappa and had an extensive résumé that included working for the US Environmental Protection Agency in the Office of

General Counsel, where her work focused on national regulation to protect the nation's drinking water.

ROBERT E. "ROB" SMITH JR., MFA '66, of West Lafayette, Indiana, died June 9. He is survived by his wife, Pauletta Verett Smith. Smith was an avid traveler who explored all

50 states and visited 16 countries, always coming back with many colorful stories to tell.

NEIL WILLIAM MACDONALD, MS '67, died at age 79. Macdonald covered UO sports for the *Register-Guard* in the early 1960s. He was a psychology instructor, sportswriter, author, and

devoted husband and father. He is survived by his wife of 55 years, Lea Macdonald, daughter Paige Larson, and sons Loch and Scot Macdonald.

EDWARD M. GEIS, BA '66, MFA '68, died April 28 at age 72. His extensive career included being a

filmmaker for Oregon Public Broadcasting and cofounding Ibex Productions. He left a legacy of art and writing, including *America: What Do We Fear* (Americans Answer Publishing). He is survived by his wife, **LYNN MASCALL GEIS**, BA '66, three children, and five grandchildren.

NORMAN L. NELSON, MLS '73, died on September 12 at the age of 89. He served three years in the US Army, and after returning he operated an auto repair shop and later worked as a real estate broker. He is survived by his wife of 36 years, Dora (Carpenter) Nelson. *continued on page 64*

FLASHBACK

1996 The Oregon Special Olympics (OSO) has named the James H. Warsaw Sports Marketing Center "Outstanding Sports Organization of the Year" for its help in promoting the 1996 OSO Summer Olympics. UO students coordinated the logistics and special events and signed up sponsors for the project, and a student marketing team has raised more than \$27,000 worth of cash and in-kind donations.



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FLASHBACK

1946 A rare piece of equipment has just been added to the UO medical school. Dr. Warren C. Hunget, MD '24, has received a new scopicon, a multiple-vision machine for microscopic instruction and research. This flashy new tool allows the professor and up to eight students the ability to view slides at the same time.

DAVID OLSEN, BLA '82, a longtime member of the American Society of Landscape Architects, died August 22. He led the landscape architecture group at Harper Houf Peterson Righellis, and recently served as chair of the Oregon chapter's High Desert Section.

KEN O'TOOLE, BA '70, MA '83, died August 6 at age 69. He was a passionate journalist who worked as a newspaper editor in many different towns, receiving numerous first place awards for his work. He enjoyed spending time at his childhood cabin by the beach and with his fiancée, Linda Eden.

FACULTY AND STAFF IN MEMORIAM

SANDRA LYNN MORGEN, professor of anthropology, died September 27. She was the recipient of multiple professional awards including the Career Award for Outstanding Contributions to the

Field of Anthropology of the United States (from the Society for the Anthropology of North America) and the Research Faculty Excellence Award at the University of Oregon. A pioneer in feminist and North American anthropology, she wrote and published a variety of books on health, social welfare, and tax policy.

LARRY WALTER STANDIFER died August 9 at age 84. From 1968 to 1980, he served as the head athletics trainer of Oregon athletics. As a trainer and physical therapist, he worked with the 1980 Olympic team and various other associations. He was also an active member of the Eugene Bonsai Society.

Professor emeritus of elementary education **ROBERT "BOB" SYLWESTER** died August 5 at age 89. He was the author of numerous articles and 20 books. He and his wife, Ruth, traveled frequently and he was a diehard Ducks fan.



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