# High Spring 2017

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site for student and faculty research.

# **alive fromhsu** Reader Favorites

Each week, a new student runs this Instagram account, which focuses on the HSU experience. These are the top photos from 2016. Follow @livefromhsu to see more.



















# Humboldt

#### humboldt.edu/magazine

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# **News in Brief**

## **Renowned Native Artist George Blake Receives Honorary Degree**

"IT'S MY FINEST WORK," says George Blake as he stands next to his ghost print "Sacrifice II." The Hupa-Yurok artist is overseeing Art students in HSU's Goudi'ni Gallery as they pack away pieces from his show, "George Blake: A Retrospective,"

Blake, who joined the ranks of HSU honorary degree recipients in October, is describing a gorgeous print that is both a technical anomaly and an aesthetic wonder. The print is actually the second made from an inking process that went awry. The first, Blake says, turned out like peanut butter. While it is possible to get a second print-called a ghost print-from the same inking, the results are almost always inferior. In Blake's case, the ghost print is, to his eve, near perfection.

Blake describes the print as

a visual interpretation of the

abrupt ending to a pregnancy,

adding resonance to the idea

that the first print had to be given

up so the second could appear.

"Sometimes the little guy has

to sacrifice himself so we can

display at Goudi'ni with vigor and

fond memories of the moments

connected with each piece.

Sometimes the memory reached

Blake describes his pieces on

have better lives."





back to his earliest experiences Artist George Blake (second from left) and HSU President Lisa Rossbacher, with making ceremonial artwork with Javier I. Kinney (far left) and his wife Ericka, following Blake's honorary degree his aunt and uncle, or a stateceremony. Blake is the Hupa-Yurok artist behind Sacrifice II (above), a ghost print. ment he wanted to make about

contemporary perceptions of American Indians. Blake shared even more insight into his work during a campus ceremony in recognition of his honorary Doctorate of Humane Letters, conferred by the California State University and Humboldt State University. Blake was nominated by CSU Trustee Hugo N. Morales, who cited Blake's role in the resurgence of Native California traditional cultural life since the 1970s.

Born in 1944 on the Hoopa Indian Reservation in Humboldt County, Blake is widely known for his sculpture, jewelry, regalia, and contemporary works, and as one of the few living people versed in the traditional art of dugout canoe construction.

"We are honored to bestow a doctorate of Humane Letters upon George Blake. Through his traditional and contemporary work, George reminds us of the power of art to build connections across time and place," said Humboldt State President Lisa Rossbacher upon announcing the degree.

Blake's work has been exhibited internationally, and resides in the collections of major institutions like the Phoebe A. Hearst Museum at University of California, Berkeley and the Gene Autry Museum of the American West. In 1991, Blake was awarded the National Heritage Fellowship, the highest national honor given to a traditional artist.

# **Questioning 'Post-Soviet' in a New Era of Russian-American Relations**



ALLEGATIONS AND INVESTIGATIONS into interference in the U.S. Presidential election have brought Russian-American relations into the national spotlight in a way unseen since the fall of the Soviet Union 25 years ago.

Professor Matthew Derrick

The intense international interest has people coming to Humboldt State Geography Professor Matthew Derrick with questions and concerns. "People want to talk to me more about that part of the world than ever," says Derrick, whose research explores the era and geographic region that relate to the fall of the Soviet Union in 1991. Derrick is the co-editor of Questioning Post-Soviet, a book that was released in December-coinciding with the 25th anniversary of the fall of the USSR-at a public roundtable event at the Woodrow Wilson International Center Scholars, the nation's key nonpartisan policy forum on global issues. In their book, Derrick and co-editor Edward C. Holland compiled writings on the geographies, governments, cultures, and religions of the successor states of the Soviet Union,

focusing on the identities of the region.

The book examines the continuing utility of "post-Soviet" as a signifier to describe people and events among the 15 independent states that once made up the Soviet Union. The various contributions collectively indicate that Soviet-era legacies indeed continue to have a complex impact.

For example, Derrick spent time in Tatarstan, an important region located in the heart of Russia. When Vladimir Putin rose to power as president in 2000, he re-centralized the region, rolling back freedoms the region had gained in the preceding decade. Researchers predicted bloodshed, a second Chechnya, but it never materialized. Since then, the region's large populations of Christians and Muslims have lived peacefully, working closely together and intermarrying frequently. And it's not just mere "tolerance." Derrick says, "It's genuine respect for each other."

For the last two summers, Derrick has been a resident scholar with the Woodrow Wilson institute. This fall, he will spend his sabbatical in Kyrgyzstan in Central Asia, studying political-geographic dimensions of religious and national expression.



#### **HSU's Honorary Doctorates**

2014, Hermann Spetzler ('87) Honorary Doctor of Humane Letters

> 2012, Robert N. Klein Honorary Doctor of Laws

2008, Cheryl A. Seidner Honorary Doctor of Humane Letters

2008, Michael R. Fielding ('57, '63) Honorary Doctor of Humane Letters

1998, Monica P. Hadlev Honorary Doctor of Humane Letters

1995, Gwynna M. Morris Honorary Doctor of Humane Letters

> 1995, Fred. B. Galbreath Honorary Doctor of Letters

1994, Louis W. Schatz Honorary Doctor of Science

1985, Homer P. Balabanis Honorary Doctor of Fine Arts





Dominic Cicerone, HSU's 2016 Panetta Intern

## **Political Boot Camp** for HSU Student

NEVER IN A MILLION YEARS did Political Science major Dominic Cicerone imagine he'd meet Leon Panetta. But there he was, talking to the former CIA director and secretary of defense.

"I kept thinking to myself that I'm just an average guy," says Cicerone, who was one of 26 California students chosen for the Congressional Internship Program at the Panetta Institute last year. "There's nothing special about me, and yet I was sitting across the table having a conversation with him."

Cicerone's meeting marked the beginning of his time with the program, which was created in 1997 by Panetta and his wife, Sylvia. It's part of the Panetta Institute, a nonpartisan center for public policy based in Monterey, Calif.

Every year, each of the 23 CSU campuses (in addition to Dominican University of California, Saint Mary's College of California, and Santa Clara University) select one student for the two-month program.

The program offers an intensive introduction to politics and the legislative process through classes and seminars led by experts. Students are told what they can expect as a congressional intern and are then assigned to work for a California House representative in Washington, D.C.

Working in the office of Rep. Darrell Issa (R-Vista), Cicerone attended briefings and Congressional hearings to listen, take notes, and meet people lobbying for their cause.

## **News in Brief**

## **HSU Inspires** New Law on **Student Hunger**

A DEDICATED GROUP at HSU played an important part of a new California law that expands efforts to tackle hunger among college students.

Authored by Assemblymember Shirley N. Weber (D-San Diego), Assembly Bill 1747 Food Assistance: Higher Education Students takes several steps toward ending student hunger, like providing funding to support partnerships between college food pantries and local food banks. The measure also supports CalFresh outreach programs and requires colleges to annually inform students of food assistance programs.

Major portions of the law were inspired by programs and research headed by HSU Social Work Professor Jennifer Maguire and Health Education Coordinator Mira Friedman. Leading up to measure's approval, they testified in front of state lawmakers about HSU's efforts to address student hunger. They outlined the development of Oh SNAP!, HSU's program to alleviate hunger, and shared how HSU became one of the first universities in the nation to accept EBT cards so that students can use CalFresh benefits on campus.

"This law is a great move for California. Colleges will see more support from the state to address hunger among students and that can go a long way to ensuring student success. But we're also just beginning to address this issue. Much work still needs to be done," Maguire says.



Calif. Assemblymember Shirley Weber worked closely with HSU Professor Jennifer Maguire to draft a bill on food assistance for college students.



Environment & Community students learn about river and salmon restoration on the Mattole River as part of a weeklong immersion field course.

## Where Community and **Environment Meet**

STUDENTS INTERESTED IN HOW COMMUNITIES INTERACT with their environment have a new opportunity to earn an undergraduate and master's degree in just five years.

The Environment & Community M.A. in Social Science program at Humboldt State was initially developed in 2001. It's a multidisciplinary social science program that looks at relationships between environment and community, with a particular focus on sustainability and social justice.

"The idea of the environment is all-encompassing-the so-called 'natural' as well as 'built' environment," says Program Coordinator and Politics Professor Mark Baker. "Which is why we have people looking at graffiti in Mexico City and coffee fields in Jamaica. These are all different ways of looking at the environment."

Baker says the program hopes to entice more students with the appeal of world-changing work and the new offering of a five-year master's degree.

The dual degree pathway shaves a year off the normal time to earn two degrees and gets students more quickly into the workforce, where the fruits of their studies can have real-life effects.

"It's a matter of streamlining the process for getting an undergraduate and master's degree in a shorter amount of time with a carefully planned course of study," Baker says. "They can start taking graduate seminars during their undergrad terms, and start working on their own thesis or project work."

The requirements aren't any different and the course load is the same. But it allows high-achieving and motivated students to seamlessly transition into the graduate program, reducing the stresses of grad school applications and tying their educational experience at Humboldt together.

# **Studying Sneaky Cephalopods**

RULE NUMBER ONE WITH OCTOPUSES: Don't turn your back on them.

"They're highly intelligent and curious. When you walk away, they will try to slip out of the tank," says student Declan Cowan.

It's something Cowan keeps in mind while working with 14 Octopus rubescens (commonly known as the red octopus) at HSU's Telonicher Marine Lab in Trinidad. Since 2015, the Zoology and Biology major has had a unique opportunity to study and interact with one of the world's smartest invertebrates.

"HSU and the lab are so supportive of handson undergrad research and all the things I've taken on," he says.

The focus of his study, which mirrors research by Walla Walla University Professor

Kirt Onthank, is whether red octopuses prefer to eat crabs with higher levels of lipids. Found in the digestive glands of octopuses, lipids play an important role in their growth and development. Cowan says the research, part of his senior thesis project, can help shed light on intertidal ecosystems and how they're changing.

But as he's learned, studying octopuses is one thing. Making sure they thrive is another.

The red octopus is known for being brainy. One at the Monterey Bay Aquarium, for

instance, latched onto a sponge and then made a dash for it, hiding for a year before it was found. Considering their smarts, Cowan makes sure to interact with them regularly and keep them stimulated.

Declan Cowan with one of

"We sometimes put a crab in a dog toy. They have to figure out how to get it out," he says.

They're also cannibalistic by nature, so they need space. That means 14 separate tanks. And they're voracious eaters—Cowan feeds them four times each week.

HSU students have studied the red octopus in the past, though he studied cephalopod husbandry. He realized the importance of not so many at one time. "It's an impressive sample size and a rarity," studying octopuses in a sustainable way. savs marine lab technician Grant Eberle. He and technician Dave "I want to find ways to improve husbandry for these animals in Hoskins helped Cowan and former lab partner Ashley Abitz get the order to raise them in captivity so we don't have to take from the project up and running. wild," he says.

## **News in Brief**



Caring for and studying these animals is a labor of love—one that started at the marine lab, which Cowan visited frequently as a kid growing up in Arcata. He became obsessed with the red octopus last summer as an intern at the Monterey Bay Aquarium where



A magnitude 7.8 earthquake in New Zealand left a section of train track sloped and warped in its wake

## In New Zealand, Professor Sees Earth's Immense Power



GEOLOGY PROFESSOR MARK HEMPHILL-HALEY went in November to New Zealand to examine the aftermath of a powerful earthquake. What he saw astounded him: trees split in half; a section of train track warped and sloped; and a long fissure across the land.

Hemphill-Haley's trip was part of 10-day

Professor Mark Hemphill-Haley

mission with the National Science Foundation-sponsored Geotechnical Extreme Events Reconnaissance (GEER) Association team to investigate surface faulting from

the magnitude 7.8 temblor, and to get a clearer picture of how the earthquake relates to Humboldt County's geology.

When it comes to earthquakes, he says, Humboldt County and New Zealand's South Island are similar in geology and level of preparedness. Both regions are in transition zones between large, active plate boundaries. Humboldt County sits in an area called the Mendocino Triple Junction where the San Andreas Fault and Cascadia Subduction Zone converge. New Zealand's major Alpine Fault and the Hikurangi Subduction Zone meet at the location of the recent earthquake. And like South Island, Humboldt County is not heavily populated, people are more prepared for earthquakes, and many buildings are up to seismic codes.

"We want to know what's happening in our transition zone and what would happen here if there was an earthquake of that size," says Hemphill-Haley.

An expert in neotectonics (the study of recent faults), Hemphill-Haley has studied New Zealand earthquakes extensively. He spent much of his 2008 sabbatical studying faulting with New Zealand scientists, and in September 2010, he and Paul Sundberg ('07, Geology; '13, Environmental Systems) studied the magnitude 7.1 earthquake near Christchurch, also on South Island.

Six years later, Hemphill-Haley was back in New Zealand after the earthquake that killed two people and caused extensive damage to infrastructure. The temblor struck about 58 miles north of Christchurch and ruptured parts of more than 10 faults extending at least 100 miles to the northwest.

He and his team worked alongside New Zealand scientists who included GNS Science senior scientist Russ van Dissen ('85, Geology). Using 3-D imaging, light detection and ranging technology, and drones to survey the region, they got a close and astonishing look at the damage.

Along the Kekerengu fault, for instance, the quake left an estimated 18-mile-long gash and moved the ground surface sideways by as much as 33 feet in some locations.

"It is always humbling to witness the immense power of the earth—an earthquake is one of the ultimate displays of this power. I'm honored to participate in this reconnaissance, and to work with good friends and associates in New Zealand," says Hemphill-Haley.

LEARN MORE ABOUT the Geotechnical Extreme Events Reconnaissance Association at geerassociation.org.

# **Collaborating on Climate**

IF YOU THINK CO-TEACHING could lead to some conflicts, you're right—especially when it comes to a charged topic like climate change. It's part of the reason it's rarely done in academia. But working through those disagreements, even in front of the class, is part of the point.

During the fall semester, Environmental Studies Professor Sarah Ray and Geography Chair Rosemary Sherriff joined forces and invited other HSU professors across different disciplines to teach students about climate change.

Ray and Sherriff share a common interest in environmental issues, but their backgrounds and expertise sometimes bring them to different conclusions about how goals should be achieved. That's a good thing, especially when it comes to a topic like climate change.

Sherriff and Ray's goal in the course (ENST480/GEOG473: Interdisciplinary Perspectives on Climate Change) was to bring a variety of disciplines and perspectives to the topic. Climate change affects a huge array of topics—Hurricane Katrina, for example, included physical sciences like engineering and meteorology, as well as social science subjects like politics and race.

Sometimes, experts in those disciplines think they know what needs the most resources, or what should be the highest priority when tackling climate change. But Ray says a subject so complicated needs broader, more interconnected analyses.

So, the two professors challenged students to think outside their own perspectives to solve an issue, to get over the dead-end

This approach paid off, says Ray. Students appreciated the variety of "who's going to solve the problem better." of expertise and tools and learned to recognize both the strengths and They invited HSU professors from a variety of science fields such limitations of each. "This also helped them understand the challenges as hydrology, oceanography, and wildlife, to share how their work to getting consensus on dealing with climate change," Ray says.

## Working to Understand Humans in the Wild



WHAT IF PERSONAL LOCATOR BEACONS change the behavior of people, convincing them to take more and greater risks, putting them in danger, taxing rescue resources, and changing the wilderness environments they visit?

**Professor Steve Martin** 

Science & Management Chair and Professor Steve Martin, who received the U.S. Forest Service Chief's 2015 National Award for

recent study by HSU Dept, of Environmental

Those were the questions at the heart of a

Excellence in Wilderness Stewardship Research recognizing his ongoing work examining human relationships with the wilderness. Martin says he thinks it was the applied nature of his research

that caught the attention of the U.S. Forest Service chief.

## **News in Brief**



Climate Change and Journalism students team up to film public service announcements, just one of the interdisciplinary opportunities in a new collaborative course.

provides context for climate change discussions and offer a critical view of the effects of and responses to it.

"It gives wilderness managers a better understanding of the issues they're dealing with and gives them some tools to deal with those issues," Martin says.

He has also looked into wilderness food storage, trailhead quota decisions based on backpacker travel patterns, visitor attitudes about intervention to adapt to climate change, and ecological restoration to fix problems caused by past human behavior.

Wilderness means different things to different people, and it is an evolving human construct. The existence and protection of wilderness remains an extremely popular notion in the United States, even as its definition, and how humans use it, may change. For that reason, Martin says, it's crucial to study these lands from a variety of disciplines.

"There are a lot of human dimensions of natural resources." Martin says. "There's as much social science involved as there is natural science."

## **News in Brief**



Meet Trumpet Consort von Humboldt. The ensemble, founded by Music Professor Gil Cline, gives students a chance to play a unique instrument.

## **The Strangely Wonderful Baroque Trumpet**

ITS BODY IS MORE THAN TWICE as long as a standard trumpet. It sounds like a cross between a horn and a bugle, plays all the notes of the "rainbow," and is always in tune.

Welcome to the world of the baroque natural trumpet, an instrument played by only a few hundred people in the country. Among them are Music Professor Gil Cline and five HSU students. Together they form Trumpet Consort von Humboldt (TCvH).

Founded by Cline in 2003, TCvH is comprised mostly of Music majors, along with an occasional community member, who tackle the challenging instrument.

Played in the 1600s for royalty and at special occasions like civic and military events, the valveless instrument's tubing is usually 8 feet long, creating a timbre that is richer than today's garden-variety trumpet and not as loud.

Also, just as white light is comprised of multiple colors (a rainbow), so any single note we hear is made up of multiple notes. Brass instruments can play each of these one by one. A bugle plays five of these notes, while the baroque trumpet can play 16—all part of the Harmonic Series.

Cline teaches members of TCvH to play the baroque trumpet the traditional way with feet in ballet open third position, body turned slightly sideways, fist on hip—and without sheet music.

"They didn't write music down back then but played from memory like a rock band, which means they had to be very good musicians. Baroque trumpet players back in the old days practiced daily for hours. This was their life," says Cline, who became one of a handful of professional baroque trumpet players when he first started playing in the '90s.

A big moment for TCvH came in 2012, when they put their skills to the test at the Historic Brass Society Symposium in New York City—an event that featured renowned baroque brass musicians.

Using replicas of 1667 baroque trumpets, TCvH played baroque and late Renaissance music, plus a rendition of "Low Rider," and was the only group to perform without sheet music. The consort was a surprise hit of the concert and was invited to play at the symposium again this summer.

"I think they weren't expecting to hear that level of professionalism," recalls Music major Andrew Henderson, who played that day in 2012. A member of TCvH for the last five years, Henderson credits the group's playing level to Cline and his devotion to students.

"Gil opened my eyes to the baroque trumpet and showed me another path I could take with music," says Henderson, "He has a knack for helping you grow as a musician. His undying love of brass is very inspiring."

## **Retired Teacher Leaves Nearly \$700K** to Support Future Educators



HSU ALUMNA ALICE WHITSON ('53, Education) recently left a \$678,947 bequest to support future teachers learning at Humboldt State University. Whitson's bequest will enhance the Multiple-Subject Teaching Credential Program.

Whitson's estate gift is exceptional for HSU, which receives more than 20,000 gifts annually totaling about \$6 million per vear in charitable support.

According to her friend Bey Westman and her sister-in-law, Joanne Alumna Alice Whitson A lifelong teacher, Whitson attributed Stockoff, Whitson was famous for using Willow Creek peaches in her her success to the high-quality and affordable education she received pies and cobblers, her considerable skill at Scrabble, and her love at Humboldt State. Whitson remained grateful for her HSU education for St. Bernard dogs. Described by her friends as classy but down throughout her life. When she died on Aug. 9, 2014, at the age of 82, to earth, Whitson had a positive impact on the lives of many young she showed her gratitude and care for future generations by leaving students during her career. her entire estate to HSU.

"This gift is so appreciated and will make a real difference for our students, helping with program development and scholarships. Teacher education is a strong tradition at HSU, and Alice's bequest will empower us to move the program forward into the future." says Chris Hopper, Interim Dean in the College of Professional Studies.

Whitson's bequest establishes the Alice Louise Whitson Endowment to support future generations of aspiring school teachers. Endowments work by investing a donor's contribution long-term and using only the income generated each year for educational programming, in perpetuity.



## **News in Brief**

Whitson grew up in Eureka and went on to teach in several Humboldt County elementary schools, including Blue Lake and Redwood Creek. She eventually moved to Willow Creek, where she taught until she retired. It was also in Willow Creek where she met her husband, Charles.

As a teacher, Whitson taught kindergarten through third grade. She particularly enjoyed teaching third-grade students because she had a knack for connecting with them through language arts. "It was a joy to see them blossom," she once said about nurturing students' skills and confidence in the classroom.

Whitson firmly believed that free public education for young people made the country great. Her bequest captures the spirit of her belief in the power of education to transform lives. Though she's gone, the beauty of Whitson's endowment is that it will allow her to help students for generations to come.

FOR MORE INFORMATION about the Alice Louise Whitson Endowment, or to learn about other ways to support HSU students and the community, contact the Office of Philanthropy at giving@humboldt.edu, 707-826-5200, or visit at loyalty.humboldt.edu.



# CAMPUS SCENE Glorious Greenhouse

WITH MORE THAN 1,000 SPECIES representing 187 plant families, Humboldt State's Dennis K. Walker Greenhouse offers one of the largest teaching collections of living plants in California. Walker, a 1960 Botany alumnus who taught at HSU until 2005, was admired for his rigorous teaching and impressive collections of ferns and conifers. His collection of conifers is so complete, that it represents 65 of the 70 living conifer genera in the world.

**ESTABLISHED IN 1982**, the 11,500-square-foot facility is where students in HSU's Botany and Biological Sciences programs get hands-on access to amazing and useful plants like Pilea cadierei (aluminum plant), Manihot esculenta (cassava), and the always popular Coffea arabica. There are specimens from Guatemala to New Caledonia, and students explore different habitats in the greenhouse's various rooms.

THIS IS THE GREENHOUSE'S subtropical dome, where instructor Courtney Otto asks Botany 105 class students to compare different features of plants stems, leaves, buds, roots, and more—and determine how each plant ekes out an evolutionary advantage.

# Fresh Coat of Paint Inside the New Third Street Gallery

By Grant Scott-Goforth

After 20 years, this cultural institution has a new home in Eureka's Old Town, and it continues to provide Art students hands-on museum and gallery experience.



1.10





THREE DAYS BEFORE THE GRAND OPENING of the Humboldt State Third Street Gallery, director Jack Bentley and a group of Humboldt State student curators are working feverishly but wearing a calm demeanor.

They're in the new home of Humboldt State University's offcampus gallery, which opened on Oct. 1. On the bottom floor of the revamped Greyhound Hotel on Eureka's Third Street.

it opens into a large gallery with muted light from streetfacing windows. It's an elegant, but unassuming space, with dark wood floors. The move and remodel have been part of a long effort to find a space with more energy efficiency, better public visibility, and a better working space for the students who get hands-on experience in the gallery. Some trim is yet to be finished, and the room smells of paint. Leslie Kenneth Price's show, "Verano," is framed on the walls, covered in protective plastic sheeting.

At the back of the room is an entrance into another slightly smaller space with polished concrete floors. This is where four students enrolled in the Art Museum & Gallery Practices certificate program–Juniel Learson, Victor Feyling, Alexia Adams, and Milly Correa—as well as gallery assistant and Art History major Kelsey Dobo have gathered with Bentley to discuss today's job: hanging the second show that will open the new gallery, Gina Tuzzi's "The New Mother Nature Taking Over."

To gain professional experience, students from the certificate program learn curatorial development, exhibition design, conservation, and storage of the University's permanent collection. They work on temporary exhibits at the on-campus Goudi'ni and Reese Bullen galleries, as well as the HSU Third Street Gallery and other venues around the state and the nation, to gain professional experience. Graduates of the program have gone on to jobs at prestigious galleries and museums around the country.

Price is a retired professor, and once taught Tuzzi, who's a current lecturer in HSU's Department of Art. The connection between the generations of the two artists makes a fitting theme for the gallery's inaugural show.

Price and Tuzzi gave the students carte blanche to design the shows. That includes selecting which pieces will make the cut. Other artists can be very hands-on when it comes to displaying their work. "They'll stand over the students' shoulders as they work. And that's OK-that's part of the experience also," Bentley says.

Hanging Price's show was tricky because there were far more pieces than would fit comfortably in the gallery. Over the course of five hours, the students spotted the show, arguing for the pieces they thought should stay or go, deliberating how to curate thematically while supported by the exhibition design. Eventually, before the students start hanging them, it's unanimous. Today, the students, with Bentley's guidance, spot Tuzzi's show in just about an hour. It was easier, in a way, because they only had to eliminate one piece for space. This exercise is nothing new.

HSU's fine art gallery sat in the same First Street building for 19 years, hosting decades' worth of museum and gallery practices

students. Bentley works with them, guiding the students in the principles, ethics, methods, and philosophy of museum practices, the production of curatorial materials, and the various tasks necessary to promote, protect, and display art.

Those public materials—essays, videos, and design publications—give students a way to contribute to the gallery, and give them tangible projects to incorporate into their professional portfolios.

#### **Gallery Growth**

WHEN IT WAS ANNOUNCED that HSU First Street Gallery would move, it was actually the culmination of a years-long search for a new home.

The five-month relocation gave students an opportunity to do another layer of gallery work they hadn't before: the design and construction of temporary gallery walls.

For nostalgists, the gallery's move may sting a bit. But Bentley says the move is better in many ways.

For one thing, the gallery will realize big energy savings—upwards of 60 percent.

The new building's display area is slightly smaller, but the new gallery features something they'd previously gone without: a workshop area. Being able to prep shows behind the scenes will make the viewing experience better for visitors, and give students a more realistic taste of the museum experience.

Finally, Third Street is closer to daily foot traffic, Bentley says. It is in the thick of the Old Town commercial district, and they expect more drop-in tourists and community members in the new location.

If opening night had any bearing, the gallery's new location didn't hurt it. Mingling among city and University bigwigs were students, artists, and others eager to see the new space and the opening shows.  $\bigcirc$ 

To learn more about the gallery, visit its website at humboldt.edu/third





# We're the Nation's Outdoors Champ!

HUMBOLDT STATE UNIVERSITY earned the title "outdoorsiest" school last fall, after winning a national contest to encourage people to get outside and reconnect with nature.

The 2016 Outdoor Nation Campus Challenge urged students, faculty, staff, alumni, and community members at 87 colleges to get outside and log their activities on a mobile app. For HSU, the goal was to make fresh air inclusive and push the idea that there's an outdoors for everyone. Hiking, biking, kayaking, quick walks, stargazing, and even hammocking earned participants points.

As a prize for being the "National Outdoor Champion," HSU received \$3,000 worth of North Face gear, which students can now borrow for free.

"It's a really impressive win, and I was honored to stand behind Humboldt State in their social justice approach to this competition," says Ruby Jean Garcia ('16, Recreation Administration), HSU's Outdoor Nation student coordinator. "The most important part of this challenge was using it as an opportunity to empower students, and foster their connection to nature."

Humboldt State enjoys a special relationship with nature, being nestled among the redwood trees on a rugged part of the Northern California coast.

"At Humboldt State, we're lucky to live and learn in such a beautiful natural environment," says HSU President Lisa A. Rossbacher. "That puts us in a unique position to inspire the future stewards of our planet. I'm extremely proud of the HSU community for winning this competition and, most importantly, making a statement about how important it is to experience nature."

Center Activities Manager Bridget Hand agrees. "This competition means so much more than winning," Hand says. "It is about students connecting with each other to get outside and take advantage of the amazing places in Humboldt.

"The outdoors is one of the best resources Humboldt has for health and fitness, self care, research and education, connecting with new friends, and just having fun. The competition was a celebration of that fact. Most importantly, the outdoors is available to everyone."

HSU had several high-scoring participants, including HSU student Jordan Johnson. He earned more than 2,000 points completing five outdoor activities a day, making him among the highest individual point earners in the country.

"During my time competing in the Outdoor Nation Campus Challenge I was having a blast spending quality time in Humboldt's amazing environment and it fired me up! In other words, it was too lit to quit!" said Johnson (read more about him on page 49). Jordan Johnson and Ruby Jean Garcia were instrumental in helping HSU win the contest and earn new gear for being the nation's "outdoorsiest" school.



# LOL: Learning Out Loud

# Library's continuing makeover helps students creatively and intellectually

By Aileen Yoo

NO LONGER PLACES OF SILENT STACKS and shushing bespectacled librarians, university libraries have become more than book warehouses. They've evolved into vibrant centers of campus life for learning and creating knowledge. HSU's Library has followed suit as it undergoes a years-long makeover to inspire collaborative learning, research, and creativity for students and faculty. The recent modernization of the library began in 2009 when the Library Café opened. Five years later, books, documents, and journals were relocated to free up space for new study areas. And in 2015 HSU began the first phase of a massive seismic retrofitting project, which includes structural improvements to the Theatre Arts building and other facilities.

Library Dean Cyril Oberlander saw the recent improvements project as an opportunity to reimagine how space is used.

"Roughly 195,000 of the 500,000 books in circulation haven't been checked out for over 15 years—or ever—and older industrial furniture no longer supports the needs of today's students," says Oberlander. "We are adding new technology and services, contemporary furniture, and open seating—all to enhance learning." The point is to get people talking. "The more lively you make the library, the more welcoming the space," says Oberlander. "That allows students to explore together, take risks and share together, and to learn together. These are forms of deeper learning."

That's exactly what's happening. On any given day last semester, the Library has taken on the creative vibe of a Silicon Valley startup.

Students at the Library Café bistro tables have noses in laptops and headphones in ears. Nearby, drawings of molecular bonds and arrows cover whiteboards. Most noticeable is the lively discussions and laughter from students clustered around giant computers at workstations and other sections of the library.

#### Library in the Time of Transformation

THE FIRST UNIVERSITY LIBRARY is thought to have been the Buddhist Takshila (Takshashila or Taxila) University, built around 600 B.C. in what is now Pakistan, according to the American Library Association. Originally, academic libraries in the United States had one purpose—house printed material in what could be considered bleak digs today, according to library planning and design expert Geoffrey T. Freedman. In Freedman's words, they were "dim and confining" and "difficult to navigate." And they stayed that way for decades.



Following upgrades and other changes, the Library has become a living lab—a place to explore, create, innovate, and problem-solve.

# "Connecting people is the whole point of open spaces. You're trying to enhance collaboration to share expertise."

- Library Dean Cyril Oberlander

The 21st century saw changes in technology and classroom pedagogy—with a focus more on group projects—transforming the library's role in academia and interior spaces, according to Irene M. H. Herold, president of the Association of Colleges and Research Libraries.

"They don't just house what's been published. They help students connect with knowledge so students and researchers can create new knowledge," she says.

Enter "collaborative spaces," a buzzword for common areas. Often equipped with computers or other technology, collaborative spaces are designed to accommodate group work and inspire students to explore ideas.

#### **Space Age**

MANY UNIVERSITIES IN the United States have embraced more creative uses of spaces. According to Herold, Ithica College in New York was among the first colleges to install multimedia tables and open areas. The newly renovated science library at the University of Oregon features different learning rooms for different branches of sciences, each equipped with technology designed for those disciplines.

In other words, the former repository of printed material has become a living lab—a prominent theme of the HSU Library upgrades, providing opportunities to explore, create, innovate, and problem-solve.

On the first floor alongside the writing center are the math and computer labs. Together they form the Learning Commons. The nearby Digital Media Lab lets students check out tech equipment such as digital cameras and offers access to computers and software needed to build websites, edit video, and design magazines.

Library staff, like Library assistant and intern Victoria Bruner ('16, Social Work), are also on hand to teach students how to use the equipment. The new Humboldt Scholars Lab features workstations with modern tables, chairs, and computers. It provides new publishing and digital services, including Humboldt State University Press. Workstations have been installed in other areas, as well. All are available to students for free.

No lab is complete without whiteboards, and now 70 of them are scattered throughout the library. The scrawl adds a touch of color and creative madness to the mix.

"Wherever there's a white board people will cover it with fun things," says Bruner, who is now in the MBA program. "The drawings will be about biology or chemistry—classes I've never taken but I get to be part of them by walking around and observing."

The open seating, workstations, and large screen computers are welcome additions for students like Taylor McKeand. The Forestry major likes the Library's new look and feel, especially for group projects.

"This is a really great setup," says McKeand. She and other Forestry majors at a Scholars Lab workstation are huddled around a computer to review their dendrology study guide. "I think these open spaces are a better choice for groups that talk loud."



The Library bustles with conversation, and even stationary bikes. However, students can find quiet areas and places to take a mental break like the Library's new Brain Booth, which offers virtual reality goggles and other relaxation tools.

Kyle Mann, also in McKeand's study group, finds the lively<br/>atmosphere conducive for staying awake. "If you're study-<br/>ing at home it's easy to do things besides your work, like fall<br/>asleep or watch cat videos."says Oberlander. "A student writing an equation on a white-<br/>board might be asked by another student how that problem was<br/>solved. Connecting people is the whole point of open spaces.<br/>You're trying to enhance collaboration to share expertise."

No cat videos or napping in the Scholars Lab; instead, a burst of applause within earshot of McKeand's group. The accolades are from Jim Graham's Geographic Information Systems (GIS) 470 class. Using the built-in overhead projector, his undergraduate students are presenting final projects to their classmates and others who happen to be walking by.

From Graham's perspective, presentations outside the confines of a traditional classroom tend to raise the bar for students.

"They struggle with presentations to larger groups something they'll need to do in their careers," says Graham, professor of Environmental Science & Management. "Presenting in a more public space gives them that practice, and I've found the pressure improves the quality of their work." cially as exterior seismic renovations enter the final phase. For the "authentic" library experience, Psychology major Cohen Price and students like him retreat to the silent safe havens. "It can get noisy so I'll go sit in the corner. I sometimes listen to music, but I mostly like silence."

#### **Silence Still Golden**

SCENES LIKE THESE demonstrate how the library has become a hot spot. With approximately 5,000 visits each day, it has become a place to see and be seen.

"Rather than isolating people in study carrels, the social learning landscape of the library encourages connections," Students can also find large quiet zones on the second and third floors. The Library offers noise-cancelling headphones and earplugs available at the Library come in handy, especially as exterior seismic renovations enter the final phase.

Learn more about the Library's transformation at **library.humboldt.edu/transforming.html**.

# Rumor has it... Campus Lore and Ollales

Any institution that's been around more than 100 years will have plenty of stories and rumors. HSU certainly has its fair share. Some reflect national issues of the day, and others are odd tidbits. All are an important part of the history and identity we share.

WRITTEN BY GRANT SCOTT-GOFORTH

#### LUCKY LOGGER'S ORIGIN STORY

LUCKY LOGGER WAS ADOPTED as the Humboldt State College mascot in 1959, but until recently



many had forgotten where the idea came from. After 50 years, Lucky's ancestry has been re-discovered in the Humboldt Room. and what a story it is!

He was born as mâché statue with a redwood bark beard made by an unknown Humboldt County artist for display

at the California State Fair, according to a 1966 Lumberjack story.

After the fair, Bunyan came to the Eureka/ Arcata airport, but it became a nuisance because the statue had to be moved every time it rained. So airport officials contacted Humboldt Dean of Students Don Karshner and asked if he wanted it.

Karshner told the *Lumberjack* he accepted because the Rally Club was looking for a mascot. Some time later, a naming contest was held and Red Bunyan became Lucky Logger, which as you

probably guessed, referred to a popular beer called Lucky Lager.

Lucky's arrival spawned a secret society, whose irreverent and lager-fueled exploits are documented in a scrapbook kept in the Library's Humboldt Room.

He was brought out at football games, stolen once by Chico State students, and then eventually died as a mushy pile of wood pulp after someone left him out in the rain. A photo of the mascot was sent to an artist, who recreated the fiberglass Red Bunyan, a papier mascot we see in archival photos.

> That mascot was a common campus fixture through the '80s, though he did get the tonguein-cheek ire of the admin-

istration on at least one **RED BUNYAN BECAME** he wasn't enrolled.

occasion when it was LUCKY LOGGER, WHICH AS determined that Lucky YOU PROBABLY GUESSED, was unfit to represent the **REFERRED TO A POPULAR** campus at events because BEER CALLED LUCKY LAGER.

"For this reason," wrote the registrar in a memo to the Society, "you must see to it that this refugee from a sawdust burner stops participating in college events."

He didn't stop and today, Lucky can be spotted at games and events and his image adorns T-shirts and bobbleheads.



#### **CHANGING FACES OF FOUNDERS HALL**

THE BUILDING ON THE HILL was the first built specifically for HSU, in 1922, then known as Humboldt Normal School. Given the inauspicious moniker "Administration," it has since become the iconic edifice of Humboldt State University.

And while it's instantly recognizable to the HSU community, it's undergone some subtle—and not so subtle—changes in its nearly 100 years.

The building's original configuration didn't last long. Students quickly realized that the open-air hallways made for chilly passage in Humboldt's cool, wet winters. The corridors were enclosed with windows several years after construction was complete.

By the mid-1940s, ivy was growing up the front of Founders Hall, an aesthetic mix between the well-worn image of East Coast universities and California's Mission style. That all changed in World War II, when, in response to concerns of a Japanese attack



raised by the local community, Founders Hall was camouflaged with drab green paint. The paint killed the ivy, and the cream color was reapplied in 1949.

Later, concerns about a fast-growing campus made some ask, "Remember when people used to say hello?" Decades before social networks supplanted ice cream socials, people were concerned that the student body was losing touch with professors and one another. Thus, in 1954, was born "Hello Lane," a walkway on the west side of Founders Hall where conversation was encouraged. Other times, it was mandatory—for several years the proclamation of "Hello Day" meant students and faculty saying "Hi" to everyone they passed.

#### THAT'S THE TEAM SPIRIT

EARLY WOMEN ATHLETES at Humboldt saw a lot of success. Softball was a popular team sport, and intramural volleyball, field hockey, basketball, track and field, archery, and golf also had strong participation.

Elta Cartwright, a track team star, broke national running records in 1927 and competed in the 1928 Amsterdam Olympics.

Lumberiacks Football wasn't always an NCAA Division II force, partly due to low enrollment by men in the early years. The first football practice, in 1927, saw only 12 players show up, just enough to field a team. They'd play against local company teams since they were unable to travel efficiently out of the area. The team even played against Fortuna High School, where it suffered the indignity of a loss to the high schoolers.



#### **TIME CAPSULES**

SEVERAL TIME CAPSULES dot the campus. One, created on the University's 40th anniversary, lives in the Humboldt Room on the third floor of the library, where it frustrates eager librarians who aren't allowed to see the contents until 2053. Another was dedicated in 1989 when Student Business Services was built, and remains buried on the first floor of the building.

During HSU's Centennial celebrations in 2014, another time capsule was buried in front of the Library just beyond the steps, where it's marked today. While the contents of the others will remain a mystery until they're opened, the 2014 capsule contained native plant seeds, artwork, and an issue of the *Lumberjack*, among other items.



#### **POSTWAR PRANKS**

RECALL THE CANNON on the lawn in front of Arcata's Veterans Hall? Far fewer people remember the short residency it took in front of Founders Hall. Several days after its overnight appearance, it was returned as mysteriously as it had appeared.

The cannon wasn't the only object of campus consternation. Whistling Pete, a cadaver used in anatomy classes, once made his way to the entrance of the women's dormitory (probably not under his own power). At the time, the *Lumberjack* called the period of pranks "disgusting."

No one knows (well, someone might know) what happened to the 9-foot-tall, 150-pound ax that used to change hands between the winner of the Humboldt-Chico football games. After one particularly controversial loss, HSU students frothing with school spirit drove to Chico to abscond with the ax. The trophy apparently lived under a bed for a year before it was lost in storage. It remains missing to this day.

#### **KID HAS A BLAST**

CHILDREN LIGHTING DYNAMITE? What could go wrong? Mary Estelle Preston goes down in history as the person who helped pulverize the first stump on the future site of Founders Hall. She went on to train as a teacher at Humboldt and was later crowned Homecoming Queen as an alumna.

#### **COLLEGE UP FOR GRABS**

ARCATA WAS NOT a lock for the Humboldt Normal School when it was first decided the area needed a school to train teachers in the early 1900s. In fact, the location of the eventual HSU became a bitter fight between Eureka and Arcata, cities that still harbored resentment from a similar battle for the county seat more than 50 years prior.

Eureka, with its central location and larger population, felt it was the right fit. But Arcata produced a convincing proposal that included use of the grammar school, high school, and other facilities. After a tense back and forth with state officials, the board voted in favor of Arcata—partly because of a 12.5-acre donation of ridgetop lands from local resident William Preston.

When all was said and done, a Eureka newspaper responded to a request for reconciliation; "The Standard is pleased to say to the Union and Arcatans generally that there is no hatchet to bury. Eureka wants the Normal School to be a success. ... Forget the contest and go to work making the institution a power. Eureka is with you."

#### **TAKING A STAND**

HSU MADE NATIONAL HEADLINES in the midst of the Civil Rights Movement when the 1960 undefeated football team traveled to Florida for the national championship game. The team's five black student athletes stayed in segregated housing, per Florida state law at the time.

Back in California, 37 faculty members signed a telegram to the state superintendent of public instruction asking if there was some way to intervene or if some state policy were in place about participation in segregated events.

The segregation—and the telegram—caused controversy on campus and nationwide. And it brought a discussion of the national issue to HSU.

A decade later, HSU saw the largest demonstration in its history as 3,000 students and faculty gathered on campus and declared a weeklong "Strike for Peace" to protest the invasion of Cambodia during the Vietnam War. Gov. Ronald Reagan closed state college campuses in an effort to prevent violence. Humboldt students spread their message to the community through door-to-door visits, sent draft cards back to Washington, D.C., in protest. Humboldt President Cornelius Siemens, meanwhile, called for an abolition of the draft and an end to the war.





#### FEATURED CREATURES

IN THE LATE 1960s, a flock of migratory cliff swallows took up nest in the eaves of the newly built HSU Library on their yearly journey from South America. The University's efforts to evict them prompted a strong response from students and faculty.

In June, the Academic Senate heard a proposed resolution penned by Forestry Professor Rudolf Becking and Librarian Charles Bloom, who called themselves the Society for the Welfare, Advancement, Learning, Love and Observation of the World's Swallows (SWALLOWS).

Writing that "Humboldt State College is an institution devoted to the study of the aforesaid universal harmony between man and his environment," Becking and Bloom proposed that "the aforementioned inimical forces at once, henceforth, and forever cease their catastrophic irruptions into the tranquility of our Avian cohabitants, so long as the redwoods shall stand and the Eel River flows to the sea."

The resolution passed unanimously.

Some animals have been invited. In the early years of the University, local fish and game clubs supported conservation education. Game pens were built in Redwood Hall and 250 pheasants arrived on campus in 1941.

Lumber from a dormitory was re- (up?)cycled into a fish hatchery in 1939. More than 10,000 salmon eggs were used in the initial project. HSU continues to be one of the only campuses in the nation with a fish hatchery.

Then there are the yaks—two, in fact, who frequented campus with their notoriously surly human companions in the early 2010s.

And some animals played unwitting parts in pranks that popped up after WWII; cows on the second floor of Nelson Hall, and goats and burros in the Founders Hall courtyard.



#### LOOK UP IN THE SKY

IF YOU WERE ON CAMPUS, you may have done a double-take when the Goodyear Blimp floated by last year, but that was a common sight at one time. U.S. military dirigibles, stationed in Samoa, often flew over during World War II, when Humboldt State was on high alert for foreign invasion.

Blimp pilots, in apparent efforts to impress the ladies, would dip the blimp gondolas low into the courtyard of Founders Hall.

Students, teachers, and bystanders got a great view of campus in the late 1980s when Biology Professor Jack Yarnell set up his 65-foot hot-air-balloon on campus for a visiting class of preschoolers—his way of getting students of all ages excited about science.

#### **HSU HEEBIE-JEEBIES**

MANY ARCATA RESIDENTS were born at the Trinity Hospital between 1944, when the hospital was built, and 1972, when Mad River Hospital was built. For years after that, the building was used by the University for classes and offices, until it was largely abandoned in the early 2000s.

Since then, black mold has made the basement, formerly a morgue, uninhabitable. Ghost stories abound from the Annex. Word has it that a contractor was spooked because he'd heard noises while inspecting the building. After several visits from campus police, they found evidence of a squatter, but not of a haunting. Still, the ghostly ambiance of the Annex remains.

Another eerie mystery: A bizarre, bowling-ball-holding chimp figurine that until recently peered out from the crawlspace underneath the YES House, just out of reach. After its retrieval, the ball in the chimp's clutches was revealed to read the cryptic initials: "J.D."



#### LABOR DAYS

THE EARLY DAYS of HSU saw hands-on learning taken to the extreme. Once a year starting in 1925, students and faculty would take a day off classes to clean the campus buildings and grounds and other manual labor. One work day, in 1947, saw the Redwood Bowl's east bleachers built.

With the new field built, Saturday game-day turned Arcata into a virtual ghost town, hurting the bottom line of the retailers who relied on Saturday shoppers. So, aided by alumni donations, local lumber companies and student activity fees, the University built a lighting system and games were moved to the evening.

#### TREE TRIVIA

HERE IN REDWOOD COUNTRY, our trees are legendary and in more ways than one.

HSU's 240-foot-tall Sitka spruce is the tallest tree on any university campus. It's near Fern Lake, due east of the athletics complex. Come check it out the next time you're on campus.

And did you know some of HSU's residents have orbited the moon?

NASA's moon program may be long over, but memories of those trips continue to grow around campus. Astronaut Stuart Roosa took 500 seeds from five tree species, including redwoods, on the Apollo 14 lunar module, and the future trees orbited the moon 34 times before returning to Earth.

Upon their return, some of the seedlings were given to HSU, where they were unknowingly distributed and planted around campus. After the fact, retired Forestry Professor Bill Sise was able to track down where some of them were planted and still thrive on campus to this day.



#### SCURRILOUS HISTORY

THERE'S A GOOD CHANCE you've heard of the *Coral Sea*, the University's 90-foot research vessel that's an important contributor to HSU's marine sciences.

The *Coral Sea* was built and chartered as a research vessel in 1974, nearly 25 years before HSU acquired it.

After being released, the *Coral Sea* helped its crew chase pirates away from a sunken Spanish galleon, recovering treasure after diving and exploring the wreckage.

After that, the *Coral Sea* found new life as a cocaine smuggling control center in the Caribbean. The new owners operated an air fleet that transported eight tons of cocaine into the United States before they were caught in 1984. The *Coral Sea* was seized and spent time as a Florida state research vessel before being sold to HSU in 1998. Now, the *Coral Sea*'s pursuits are decidedly less scandalous, but no less adventurous, as it takes students, faculty, and researchers on regular hunts for answers to the ocean's great mysteries.

## "Water is life": "To-bang Kish-nang"

# Reviving the Language of the Wailaki People

#### By Grant Scott-Goforth

For the first time in generations, people are beginning to speak Wailaki. The language of the Wailaki people, who lived along the Eel River watershed, had been all but lost by the early 20th century, a cultural victim of the decimation of California's Native population.



WAILAKI JOINS OTHER NATIVE LANGUAGES that are being spoken and revitalized in California. It's a vision of the future—and a revival of the past—that's at the heart of Native American Studies Professor Kavla Begav's research

Begay's work focuses on developing a working grammar of Wailaki. One of about 80 Native languages in California. Wailaki shares some similarities with Hupa, though it's not as well documented. A polysynthetic language, one Wailaki word often contains what in English could need an entire sentence.

Begay is a Hoopa Valley Tribal member of Hupa, Karuk, and Yurok descent. She'd always been interested in language, but it wasn't until her undergraduate studies at Stanford that she zeroed in on linguistics, earning a degree with honors as well as a minor in Native American Studies. Though she saw a connection between the disciplines, the programs weren't technically connected.

She found a convergence at UC Berkeley's Linguistics Program, where she earned a master's degree and is currently finishing her dissertation for a doctorate, entitled "Topics in Wailaki Grammar." Berkeley is home to a program with a history of studying and archiving California indigenous languages.

"I feel responsible, not just to my language but to all California Native languages as well, so people have resources to learn them and they continue to maintain them." Begay says.

Begay says she's creating a tool for educators and community members to use. "A lot of the work teaching and getting the language spoken is being done by those community members," she says. The working grammar gives those speakers a reference guide that they can interpret, adapt, and build upon as they like.

Round Valley School District, in Covelo, Calif., is home cultures and communities. "So much of culture is evident to a Wailaki language program, and Begay has worked in the way we structure languages and concepts in our lancollaboratively with the community. Recently, students were guages. It's one of the many forms of continuance we have," seeking to show support for the Dakota Access pipeline Begay says. "It usually leads into other avenues for the Native protestors with a Wailaki language video, but they were communities to strengthen themselves." struggling with how to say "Water is Life," a phrase that Youth who grow up learning second languages are shown came to symbolize support of the movement. So Round to have better rates of graduation and academic success. Valley Elementary/Middle School Principal Cheryl Tuttle Begay has seen that firsthand, in work she's done with the reached out to Begay to help with a translation. Head Start program in Hoopa and with the successful Round

"To-bang Kish-nang": "Water, because I am alive," or Valley schools' Wailaki reintroduction program, which has "Because of water I am alive." seen success teaching high school kids the language. Students To map out the language. Begav has been turning to old have created videos and presentations entirely in Wailaki.

texts, like those of Pliny Earle Goddard, a language scholar Studying, restoring, preserving—and simply using—Native languages has tangible social and cultural effects on the who studied California Native Languages in the late 19th and early 20th centuries. Begay, along with Round Valley health and well-being of communities. "You need all of the High School educators Tuttle and Rolinda Wantt, and tools in the toolbox, and that's one of them," Begay says.

Working from old texts and with Native communities, Native American Studies Professor Kayla Begay is creating a working grammar of the Wailaki language.

OREGON

CALIFORNIA

UC Davis Native American Studies Professor Justin Spence, was invited this summer to present at the American Philosophical Society on her work and was presented with copies of some of Goddard's original works on Wailaki.

Begav isn't the first HSU scholar to study Wailaki. Anthropology Professor Victor Golla also studied Wailaki in his survey of Native languages of California, working primarilv from the texts of Chinese linguistics scholar Li Fang-Kuei.

Begay has enlisted the help of two Native American Studies students, who approached Begay after hearing about her research.

Jocelvn Edmonson is one of those students. and her fascination with old documents initially drew her in. "There's something that makes me really happy and giddy about primary sources. It's reaching back through history."

She's been archiving the Goddard texts, going through digital photos of the original documents and typing up the notes. The work is "meditative," she says, and while the focus of her studies is federal Indian policy, she finds linguistics interesting and sees a connection between Native languages and the law.

Speaking Native languages connects individuals with their



# **Charting a Course** for Northern **California Fishing Communities**



#### **Humboldt County fishing communities** have faced challenges with infrastructure and with fewer young people entering the local fishing industry.

HOPING TO ADDRESS ISSUES like these. Humboldt State University researchers are working with local partners to improve the long-term viability of commercial and recreational fishing in Eureka and Shelter Cove.

Led by Environmental Sciences & Management Professor Laurie Richmond, the project began in January. It will result in Community Sustainability Plans, which will take social, economic, and environmental snapshots of the fishing communities and offer concrete recommendations.

"Sometimes with new regulations, the fishing community feels forgotten. Here we can give them a voice," says Richmond. "So we're looking at things we can do within the existing regulatory structure and take steps to make sure the fishing fleet survives and thrives."

Funded by a \$271,000 award from the National Oceanic and Atmospheric Administration's Saltonstall-Kennedy Grant Program, the project stems from a three-year assessment of the human dimensions of California Marine Protected Areas. Starting in 2013. Richmond and Economics Professor Steven Hackett surveyed and interviewed about 200 charter and commercial fishers and conducted focus group meetings with fishers in Eureka, Shelter Cove, and three other North Coast ports.

Their findings painted a picture of an industry affected by substantial declines in the number of fishing vessels and infrastructure to support fishing activities, and an increase in the average age of commercial fishers.

According to Hackett and Richmond, commercial fishers in Eureka have generated annual earnings between about \$5 million and \$24 million a year over the past decade. In 2013, the port had 193 active vessels and nearly \$23 million in earn-"My hope is that Laurie's project will also look at the culings at the dock—the third highest of any port in California. tural aspects of fishing fleet and how the community interacts But with a shrinking fleet since the 1980s, there are concerns with the fishing community." Beyond fishers, the project benefits HSU students like Laura about sustaining support services and infrastructure.

Ninety miles away is Shelter Cove, one of the state's smallest ports. It currently lacks an active fishers' association and, due to various market factors. locals often can't even buy locally caught fish. The tiny sea village supports a fishing industry without a harbor, forcing fishers to rely on tractor-trailers to move boats to and from the water. As a result, commercial and recreational fishing efforts tend to be small-scale. Locals said that close to 100 small vessels used to fish out of mer. Now, only a handful



**RIGHT TO LEFT:** Professor Laurie Richmond (far right) and graduate students Laura Casali ('12, Oceanography) and Robert Dumouchel ('16, Environmental Natural Resources & Planning) have been working with Humboldt Fishermen's Marketing Shelter Cove each sum- Association Vice President Ken Bates to develop Community Sustainability Plans.

of commercial and charter operators work out of the port.

Brian Tissot (Biology) and instructor William Fisher The surveys highlighted another notable statistic: More (Economics), and Joe Tyburczy of California Sea Grant, They than a third of North Coast commercial operators are over will partner with Lisa Wise Consulting (a planning firm that 60 years old, a trend fishers fear could threaten the legacy helped develop similar plans for Morro Bay and Monterey) and future of local fishing. and local and federal government entities.  $\oplus$ 

Based on these findings, Richmond and Hackett will develop plans that could help rebuild and strengthen Eureka and Shelter Cove fishing economies. HSU researchers will gather socioeconomic data (perceptions about current conditions of the community, information on the economic performance of the commercial and recreational fishing industries, etc.) and community feedback to create the plans.

Ken Bates—a longtime commercial fisherman and vice president of Humboldt Fishermen's Marketing Associationsays fishers have generally welcomed the effort.

"Fishermen have seen plans come and go and they're always piecemeal. But the overall feeling is that Laurie's project will be very positive for communities, planners, and city and county managers."

Bates also believes the work may help bolster community relationships. "When I came to Eureka in 1970, you'd see fishermen meeting and talking in public spaces like cafes. As the industry shrank so did areas where they'd congregate and eventually they lost areas to socialize. A fishing fleet not connected with the public is at risk of being forgotten.

Casali ('12, Oceanography). She helped conduct interviews in 2014 and now, with support from the NOAA grant, is pursuing a master's degree in Environment & Natural Resources Science and will help with outreach efforts in Shelter Cove, where she has lived for nearly 25 years.

"I'm part of this project because it is something that I know is going to benefit the fishing community here, and I'm going to school because has Laurie inspired and supported me," she says.

Project team members include HSU professor

**Fishermen have seen plans come** and go and they're always piecemeal. But the overall feeling is that Laurie's project will be very positive for communities, planners, and city and county managers. ??

- Ken Bates, longtime commercial fisherman and vice president of Humboldt Fishermen's Marketing Association

# At 50, World's Oldest Student-**Run Film Fest Shines with Indie Spirit**

#### **Bv Jarad Petroske**

In 1967 Lyndon Johnson was president, a movie ticket cost \$1.25, and Humboldt State College students were organizing the campus's first film festival. Half a century later, the festival is the oldest student-run film festival of its kind and even though the tickets have gone up (slightly) in price, it's still one of the best deals going for moviegoers.

Local Filmmaker's Ilig Silver Texalin, Broadur D RANTS AND CHANTS: RAVINGS OF THE PAST, PRESENT AND EFFURE \$3.00 GENERAL 2.00 STUDENTS



Humboldt



The festival—the world's oldest student-run film fest—is a testament to the dedication of its student organizers. Every vear, students enrolled in the film festival class sift through hundreds of submissions seeking the best and most interesting works. Submissions range from clever and quirky animations to mind-bending experimental films. Every once in a while, these independent films feature memorable actors or up-andcoming stars. "You get to see people like Kerry Washington before they're big or you might say, hey, 'I saw him in The *Matrix*!' That's one of the coolest things about independent film festivals like ours," says Film major Nairobys Apolito, one of the festival's three student co-directors.

According to a 2002 edition of the Osprev. Humboldt State's student-run magazine, the festival got its start from the National Student Film Festival in Washington, D.C., which collected student films and shared them all over the

country. Some of those films-including George Lucas's highly regarded 1967 student film "Electronic Labyrinth THX 1138 4EB"—made it to Humboldt State College.

The original 1967 HSU film festival was sponsored by the Theatre Arts Division's "experimental college"—a studentled trial of hands-on learning that emphasized workshops in areas like costume and set design, lighting, and, yes, organizing film festivals.

Over time the festival has grown, moving from the Sequoia Theater (today the Van Duzer Theatre) to Arcata's Minor Theatre and inviting professional filmmakers serving as judges to select the winning films. This year, as in the past, the panel of quest judges will lead intimate workshops with current students, discussing their careers and the film industry.

What hasn't changed is the students' desire to expose North Coast audiences to cutting edge storytelling while celebrating the works of independent filmmakers. "These are films made without Hollywood in control," says Film major Andrew Weisz, a festival co-director. "You get to see filmmakers doing their own thing."



Co-directors of this year's film fest are, from left, Film students Kira Hudson, Andrew Weisz, and Nairobys Apolito.

**CINEMA 70** 

)ANCENTEP











The Humboldt Int'l Film Fest's posters ranged from subdued to abstract over its 50-year history.

## **Two Alumni Among this Year's Festival Judges**

THIS YEAR'S JUDGES are actor-director-producer John Oluwole Adekoje ('04, Theatre Arts MFA) and Tracy Boyd ('98, Philosophy & '03, Theatre Arts MFA), both alumni of the 33rd Humboldt International Film Festival.

The judge's panel also features award-winning director and Fulbright Scholar Patricia Cardoso who is known for her feature film, "Real Women Have Curves," which won a Sundance Film festival Audience Award in 2002.

## 50th Humboldt Int'l Film Fest April 19-22

Arcata's Minor Theatre

Wednesday, April 19—Animation/Experimental Night

**Thursday, April 20**—Documentary Night

Friday, April 21—Narrative Night

Saturday, April 22—Best of Fest

#### **hsufilmfestival.com** for times of screenings



# KEEPING THE GEARS TURNING

MANY BIKE OWNERS have had their gears suddenly stopped shifting. It's guaranteed to make you extra sweaty commuting to HSU's hilly campus.

Brakes, gears, flat tires—they seem like daunting issues, but they're often easy, cheap repairs that can be done on your own. Enter HSU's Bicycle Learning Center (BLC), a student-run toolkit and brain trust. The center has been around for more than two decades, but had become neglected and was forced by drainage issues to move out of its old brightly painted, wood-paneled space behind Nelson Hall.

It closed for nearly a year before alumnus Rory Baker ('16, Environmental Management & Protection) led the charge to revive the center in 2015. It was relocated to a small workspace beneath the steps leading into the Recreation & Wellness Center. It's now open for free, and judgment-free, bike advice.

Volunteers Emily McBride and Wyatt Kozelka call the new space the Harry Potter closet. It's a cramped room with a slanted ceiling, but they've made the best of the small space, filling it with tools and

spare parts. They're there to help students make their bikes safer, easier, and more fun to ride.

"It's intimidating," McBride says, staring into a tangle of gears attached to a bike on a repair stand. Many people-especially those who rely on bikes as their only mode of transportation-will push through a worrisome noise or stop shifting when it's not working right. But bike repair doesn't have to be scary, she says.

McBride, an Environmental Management & Protection major, has been comfortable with bikes her entire life. Her parents are cyclists and McBride frequented a bike "kitchen" in San Luis Obispo before attending Humboldt State. Kozelka, an Environmental Science senior, worked at a bike shop in his native Palo Alto, and more recently for Pacific Outfitters. When his car broke down in 2013 he sold it and bought a bike. And then another. And another, and another. He likes the mechanical aspects of bikes.

Despite the hilly campus and community, geared bikes—with proper maintenance-make cycling around town for shopping and



Tucked away on the ground floor of the Recreation & Wellness Center, student volunteers like Rory Baker ('16, Environmental Management & Protection), left, give their peers the power to keep their own bikes on the road. A 24-hour toolkit is available for students who can't make it during the Bike Learning Center's open hours.

commuting relatively easy. Getting people to embrace biking should be easier, McBride says, in a small town where just about everyone knows at least one person with a car for those longer trips.

That's a side lesson in the learning aspect of the center, and getting more students to use the Bicycle Learning Center is just one of the club's challenges.

The center runs on student volunteers—Kozelka was doing 15 hours a week before other volunteers took over some hours. And while they can do homework between tune-up lessons, it's a big commitment. Kozelka's happy to do it for now. "Instead of going to the library I come here. It's really appealing. It's convenient, there's no stress, it keeps me busy," Kozelka says.

In addition to their time, Kozelka and McBride have donated or loaned some tools and other items to the center. But the club can't afford to stock all the types of things needed for the dozens of different models and brands of bikes that students ride-nor could they store all those materials.

That's why the focus is on learning.

Kozelka and McBride hope to maintain the Bicycle Learning Center's momentum, encourage students to stop by, and expand the center's involvement in bike-related activities. About five people a day stop in and ask questions. Often, when they're on foot, they'll wheel their bike in the next afternoon. Most of them need small repairs—a tightening of brake cables or some chain oil. Others need advice on more complex issues, such as fine-tuning a derailleur.

McBride envisions growing the center, and she's been meeting with students and staff to discuss other bike programs, like group rides to acquaint people with cycling around town, and a potential "bike fair." 🕕

More: facebook.com/BicycleLearningCenter



# **Smoother Ride**

Easy maintenance tips from the **Bicycle Learning Center.** 

- Chain: Oil your chain regularly and cycle it through all the gears.
- **Gears:** If the gears aren't shifting properly, it may require small tension adjustments to get back on track.
- Brakes: Brakes should align with the wheel rims and slow the bike without having to press too hard on the brake levers. The brake cables can be tightened at the brake calipers.
- Tires: Inflate to the recommended tire pressure printed on the tires.
- Safety: Yes, wear a helmet. And make sure you have operating lights when biking at night.



Armeda Reitzel is the colorful and charismatic Communication professor who teaches public speaking online.

# Online Teaching for a Wired World By Aileen Yoo

IF ARISTOTLE WERE ALIVE TODAY, Armeda Reitzel has no doubt that the Greek philosopher would teach oratory online.

"There's no question in my mind that the creator of the five canons of rhetoric would do it using video technology," says Reitzel, a Communication professor at HSU.

Reitzel has taught public speaking (COMM 100) in brickand-mortar classrooms at Humboldt State for nearly 35 years. But using newfangled technology and old-fashioned teaching skills, she's begun to teach that course online.

First developed and taught by Communication Professor Laura Hahn in Spring 2013, the online version of COMM 100 has exceeded expectations: 96 percent of Reitzel's students received a C+ or better in her Spring 2016 online course, compared to 93 percent in her Fall 2014 face-to-face class.

About 5,700 students are enrolled in 130 online courses currently offered at HSU, where distance learning has become an effective way to meet the changing needs of students.

"Students may be working. They may have children they need to care for. They may not have a way to get to campus, or find a class they need to take is already full," says Alex Hwu, the associate vice president of HSU's College of eLearning & Extended Education (CEEE). "Whatever the reason, there is a big demand for online courses at HSU."

For Reitzel, the concept of teaching public speaking remotely was initially a hard sell. She was concerned that online courses wouldn't be as engaging or rigorous as a face-to-face course.

With the help of instructional designers from CEEE and the right tools, Reitzel proved naysayers—and herself wrong. Reitzel was one of six recipients of the 2016 CSU Quality Online Learning and Teaching award, which recognizes outstanding teaching and learning in blended and online courses.

"I spend time creating community to manage students' anxiety so they're more comfortable with the online format and speaking in front of strangers," she says.

The course is asynchronous, which means students can access course material and learn at their own pace. They "meet" online every few weeks using Zoom, a video conferencing tool. They also give slideshow presentations in real-time via VoiceThread. These interactions give Reitzel and her students a front row seat to speeches.

The point is to gain public speaking skills, get immediate feedback, and understand the technology tools used in today's workplace, says Reitzel.

Hwu points out that online learning isn't for all students or all teachers, nor is it meant to replace traditional classes.

"The online course is a companion to face-to-face learning," says Hwu. "The goal is to make the education experience as a whole and make it more rewarding for students."

As for Reitzel, she's now fully on board with online. "I never want to teach public speaking solely face to face again."

### **Submit a Class Note**

humboldt.edu/classnotes online alumni@humboldt.edu emai

# **1960s**

Robert T. Lackey, 1967

David W. Heiser, 1963 and 1965 Fisheries Biology, retired in 1997 from Washington State Parks. Prior to that, he served with the Alaska Department of Fish and Game and the Idaho Department of Fish, Game and Wildlife. Since 2006, Heiser has lived in Arizona.

Fisheries Biology, was recently named a

Fellow of the American Fisheries Society at

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the society's 146th Annual Meeting in

Kansas City, Missouri.

He has worked on an

assortment of natural

resource issues from

various positions in

demia. Most recently,

assistant to the provost for faculty affairs and space and facilities. He is currently an elected board member for the North Humboldt Recreation and Park District and the local Timber Heritage Association, Fritzsche met his wife, also an HSU graduate, in John Van Duzer's Speech 1 class.

Michael T. Rains, 1968

Forestry, recently retired from the U.S. Forest Service after 48 years of public service. Rains began his career as a wildland firefighter and rose through the ranks to become deputy chief of the agency. His last assignment with the Forest Service was director of the Northern Research Station and the Forest Products Laboratory. Rains is known for his authorship role in the National Fire Plan for the Department of Agriculture and advancing biomass uses—cellulose nanomaterials, green building construction, advanced wood for energy —as a way to help America's forests become more resilient to disturbances. Along the way, Rains earned a master's degree in Secondary Education and now enjoys substitute teaching math and science at the middle school level in Pennsylvania.

government and acahe retired after 27 years with the Environmental Protection Agency's national research labo-

ratory in Corvallis, Oregon, where he served as deputy director, associate director for Science, and in other senior leadership positions. Dr. Lackey has long been an educator, having

taught at five North American universities and, currently, he teaches a graduate course in ecological and natural resource policy at Oregon State University. He has published over 100

articles in scientific and professional journals.

#### Ron Fritzsche, 1967

Zoology, recently contributed a section of the "Species Identification Guide for Fishery Purposes" published by the Food and Agriculture Organization of the United Nations. Fritzsche is an Emeritus Professor of Fisheries Biology. He was the HSU Outstanding Professor in 1991 and served as an administrator including dean for Research, Graduate Studies and International Programs. Fritzsche also served as

# **ClassNotes**



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#### or contact us at (707) 826-5200 or giving@humboldt.edu.

# **1970**s

#### James Donlon, 1970

Theatre & History, has had a 47-year career as an internationally renowned performing artist presenting his original physical theatre work throughout the United States, Europe, and Latin America, having just returned from Cuba. Donlon has been a master teacher in many national and international acting conservatories such as the Yale School of Drama and American Conservatory Theatre, and at UC Santa Barbara. He has also been a film movement coach for Oscar winners Kathy Bates and Javier Bardem, and film star Benjamin Bratt.

#### Peter Cowper, 1971

Business, has served as a member of the board of directors of the Sequoia Riverlands Trust since 2013. The trust is a regional nonprofit land trust accredited by the Land Trust Alliance, which is dedicated to strengthening California's heartland and the natural and agricultural legacy of the southern Sierra Nevada and San Joaquin Valley.

#### Daniel R. Mandell, 1979

History, received the Distinguished Literary Achievement Award from the Missouri Humanities Council for his six books and many articles on Native American persistence and adaptation in New England, 1600-1900. Those books include King Philip's War: Colonial Expansion, Native Resistance, and the End of Indian Sovereianty (2010), Tribe, Race, History: Native Americans in Southern New England, 1780-1880 (2008)-which was given the Lawrence Levine Award by the Organization of American Historians for best book on U.S. cultural history—and Behind the Frontier: Indians in Eighteenth-Century Eastern Massachusetts (1996).





#### **Robin Bailie** ('11, Liberal Studies)

In the first gift of its kind to HSU, Robina former staffer—and her husband, Sean, are creating an endowed scholarship, providing an annual \$1,000 award to support student-veterans.

#### Jim Parsons, 1979

**Fisheries Biology**, is an owner/partner in Troutlodge, Inc., the world's largest supplier of rainbow trout eggs to the commercial and agency sectors. He was also elected president of the National Aquaculture Association in 2016.

# **1980s**

#### James A. Freeman, 1980

English, recently published Biblical Time Out of Mind: Myths, Maps, and Memories with coauthor and HSU Emeritus Professor Tom Gage.

#### Thomas J. Hatton, 1981 Natural Resources and 1983 M.S. Natu-

ral Resources, was recently elected as a Fellow of the Australian Academy of Technological Sciences and Engineering. Hatton immigrated to Australia after earning his Ph.D. from Utah State University in 1986. He retired in 2014 after a 25-year career in environmental research and natural resource management. For his contributions to water resource science and management, he was awarded the Australian Public Service Medal in 2008. He now serves as Chairman of the Western Australia Environmental Protection Authority and holds an

Adjunct Professorship at the University of Western Australia where he is a member of their Oceans Institute Advisory Board and the Board of the International Centre for Radio Astronomy.

#### Neil Tarpev, 1983 M.A. English and 1995 M.A. Psychology,

recently had his first book, "Flashes of Lightning," published by Fithian Press. The book is a collection of 52 flash/micro fiction stories, 20 of which have been published previously in print or online. The book hit Humboldt County bookstores in October and is also available from online bookstores.

#### Kav Sinclair, 1983 Master's of Business Administration,

recently left a 30-plus-year career as an IT manager with General Electric, Martin Marietta, and Lockheed Martin, in Utica, New York. She has been teaching IT-related management courses at State University of New York Polytechnic Institute as an adjunct professor, while also continuing her nonprofit work in the community. Sinclair is currently the president of the board at the Women's Employment and Resource Center. She is also involved in STEAM (Science, Technology, Engineering, Art, and Math) activities in the area, including co-teaching summer workshops for middle school students such as 3D Daze for Girls and Nanotechnology. Last April, Kay was delighted to receive the Unsung Heroine Award from the Young Women's Christian Association of the Mohawk Valley at its annual Salute to Outstanding Women luncheon.

#### Leonard A. Brennan, 1984

Wildlife, recently published his sixth book, The Upland and Webless Miaratory Game Birds of Texas with Texas A&M University Press. Brennan has been conducting quail research for the past 34 years, beginning with his graduate project that began at HSU back in 1982.

# **1990**s

#### Jon Pede, 1990

Social Science, lives in Tigard, Oregon, with his partner. He recently completed his doctoral degree at Lewis & Clark College in Portland. His dissertation is titled,

"Morals, Values and Ethics: Their Impact on the Decisions of the School Principal."

#### Garv B. Perlmutter, 1991

**Zoology**, graduated from North Carolina State University with a Master of Science in Natural Resources.

#### Michael Harmon, 1992

Photojournalism, is semi-retired from journalism and photography though he still does an occasional job here and there. Harmon taught English as a Second Language for nearly eight vears in Henan Province in Central China. He has been back in the U.S. for about three years and cannot wait to return to China.

#### Don Rowan, 1992

Fisheries Biology, is in his 17th year of science teaching. For the last three years, Rowan has been teaching Advanced Placement (AP) Biology, Biology, Biology 2, and AP Environmental Science at Bishop Union High School. He is also the Associated Student Body director and has recently been a peer reviewer for the Journal of Fisheries and Wildlife Management.

### Gifts from the Heart



#### **Larry Westmoreland** ('61, Chemistry)

His five-year commitment honors five beloved HSU professors who helped shape his life and career. Scholarships through the Larry Westmoreland Honored Professor Scholarship Fund will be given to students majoring in Chemistry, Oceanography, World Languages and Cultures, Music, and Mathematics.

#### Conrad L. Huygen, Lt. Col. (ret.), USAF, 1994

Geography, has returned to Washington, D.C., and is the deputy chief of the Defender Services Office at the Administrative Office of the U.S. Courts. Dedicated to providing the assistance of counsel for individuals who cannot afford a lawyer, his office funds, trains, and supports the more than 3,600 federal defender personnel and 10,000 private panel attorneys appointed to represent clients under the Criminal Justice Act. Conrad's wife, Julie, has been promoted to Colonel and is the chief of the Air Force's Military Justice Division at Joint Base Andrews, Maryland. The Huygens live in Alexandria, Virginia.

#### Stephanie Foster, 1995

Wildlife, is currently working at the Wildlife Center of Silicon Valley. The center provides care and rehabilitation for injured, sick, and orphaned wildlife.

#### Gage Davton, 1996

Wildlife, was recently appointed to the Wilton W. Webster Jr. Presidential Chair for the UC Santa Cruz Natural Reserves. Davton has served as administrative director of the UCSC Natural Reserves since 2008.

#### Matt Krupnick, 1998

Journalism, currently lives in Brooklyn, New York. Krupnick lives with his wife, Jennifer Kho, who is also a Journalism graduate from HSU. Krupnick is a freelance journalist for The New York Times, Guardian US, and Hechinger Report, Krupnick and Kho recently visited HSU and wished they still lived in Humboldt County.

#### Jennifer Kho, 1999

Journalism, and husband, Matt Krupnick, are currently living in Brooklyn, New York. Kho is the managing editor of the Guardian US. Kho and Krupnick were previously living in Oaxaca, Mexico, for nearly a year.

# **2000s**

#### **Beth Downing Chee, 2001**

Journalism, was recently hired as the director of marketing for Birch Aquarium at Scripps Institution of Oceanography in La Jolla, California.

BACK IN 2015, HEATHER FRAMBACH ('09, Political Science) was nervous about her decision to join Blue Apron, the world's largest meal kit delivery corporation. All of her prior work in the public sector, which had taken her to Texas and back to California, was about social justice in food systems.

larger corporate culture.

During school, Frambach worked at a local Murphy's Market and as a delivery driver for Franz bakery-two jobs that would provide a direction for her career. "I got interested in food systems: logistics, retail, distributors," she says. "That interest never went away."

Frambach moved to Texas in 2010 to attend grad school at the University of Texas at Austin, Half Mexican and a Spanish speaker, Frambach, who was a researcher for the Austin sustainable food policy board and co-manager of another farmers market, worked with women sweatshop laborers in solidarity along the U.S.-Mexico border. But once again she got bitten by the food bug.

Food in Austin was seeing a surge in opportunity, interest, and conflict, especially in the historically black and Mexican east side of the city, which was gentrifying rapidly. In the 1990s, those communities came together to clean up the remnants of decades of toxic industry in their neighborhoods. Before long, urban farmers began to set up shop. Their agricultural practices—particularly one sustainable, but smelly chicken and rabbit farm-created huge controversies with their neighbors, who'd worked hard to rid their neighborhoods of smelly, noisy industries that crowded them. The mostly white urban farmers—well-intentioned but playing into troublesome past neighborhood dynamics, Frambach says-began to rally their own support, and tensions were growing on both sides.

In the middle of all this were 25-year-old Frambach and her colleague. They took the daunting but hugely rewarding task with gusto, undertaking a transparent and careful process to hear all sides and craft new policies and ordinances in the neighborhoods. It worked, she says, and the city's new, careful approach to urban farming—as well as a newfound understanding between the communities—has eased tensions. After Austin, Frambach returned to California, doing a stint at Community Alliance with Family Farmers, working on statewide programs to connect school kids to healthy food, before joining Blue Apron. Now she's the dairy category manager for the meal delivery company, which means she's traveling all over the country meeting with dairy farmers and manufacturers to fulfill the 300,000-plus meals the company ships weekly. Overcoming her fears of going corporate, Frambach says the company always supported her desire to seek out small and mid-sized food producers that would guarantee fresh, quality, sustainable foods. Add to that the company's waste reduction efforts, donation programs, commitment to nutrition and food safety, and Frambach's proud to be where she is.

## Heather Frambach: Farm to Table

"Making that switch was a little scary to me. I was so committed to the work I was doing and making sure the little guys were taken care of," she says. But Fram-

bach says her values easily translated to Blue Apron, where sustainability and working with small farmers and producers are part of the

After she graduated, she joined AmeriCorps in Sacramento, hoping to pursue a path in urban planning. But the most interesting part of the job, she says, was managing a farmers market in a historically black neighborhood. The market



Heather Frambach's job involves traveling around the country tasting dairy products and negotiating with producers.

was a success and continues to this day. Food systems can be changed quickly, she says, unlike housing and other urban planning projects.





**Steve Brown** ('69, Natural Resources)

A former HSU football player, current HSU Advancement Foundation Board member, and ardent supporter of student athletes, Steve made a Charitable IRA Rollover contribution to build HSU's football scholarship funding. He's helping students succeed on the field and in the classroom while taking a tax-free distribution from his IRA.

#### Hero Burke Smith, 2003

**Art**, is working in the media and textile industry, developing scripts for Mad Libs games about newish products.

#### John Giraldes, 2003

Chemistry, graduated from University of Minnesota with a degree in Medicinal Chemistry in 2006 and went on to work for Novartis Institute for Biomedical Research, Global Discovery Chemistry, Oncology in Cambridge, Massachusetts, until 2015. Giraldes then relocated to Baltimore, Maryland, and is currently working as a Project Manager and Scientific Analyst for the National Cancer Institute's Experimental Therapeutics (NExT) Program.

#### Laurie Shaw, 2003

Fisheries Biology, emphasized in Aquarium Sciences and Marine Fisheries. Shaw is currently the head of the Animal Health Department at the California Academy of Sciences. As the senior manager of the Animal Health and Aquarium Operations, Shaw runs her own team of seven members known as

the "pit crew of the aquarium." Shaw's team is in charge of the museum's 48,000 living creature collection, which includes fish, birds, penguins, frogs, butterflies, alligators, and sharks. Every living creature that enters or departs the museum goes through Shaw's department, where they are registered, quarantined, fed, treated, and protected during their stay. In her spare time, Shaw serves on several aquarium-related boards and committees, like the Aquatic Animal Life Support Operators and the Bay Area Life Support Alliance.

#### Heather Sundblad-Rhoade, 2003

Journalism, served on many nonprofit boards, and then as a paid staff member serving as development director for the Education Foundation of Forest Grove after graduating. After two years, she shifted career focus and accepted a seat on the foundation's board as communications director. In 2016, she became the marketing and tasting room manager at the award-winning Plum Hill Vineyards in Gaston Oregon.

## Kristal Watrous: Hunting Arctic Bumblebees

KRISTAL WATROUS ('04, BIOLOGY) got the buzz for bees during an entomology class at HSU. "I never even considered I could do a job that involves insects until I took that class. That was the most exciting thing to me."

This past summer, she joined a crew of scientists on a 1,000-mile trek across the Alaskan Arctic Circle in search of Bombus polaris, the Arctic bumblebee. The trip, which was documented in a 2016 New York Times multimedia feature, was part of research by University of California, Riverside to measure the effects of climate change on bee populations in the



Kristal Watrous excavates solitary bee nests near Anza-Borrego Desert State Park for lab research on nutrition in desert bees.

far northern reaches, where bumblebees are the primary pollinators of important plant species.

Watrous got her graduate degree at Utah State University in pollination biology—a sort of mix between bugs and plants. She was especially interested in native bees and plants, and it was a good time to be in the field: "People were talking a lot about bee ecosystem services that bees provide," Watrous says. In a world where industry and science are sometimes at odds, "bee researchers have done

a good job of quantifying impacts in agricultural systems and wild systems, and take that information to lawmakers."

After working as a lab technician at Penn State for several years, Watrous' botanist husband (whom she met at Humboldt State) took a job teaching at Cal State Fullerton in 2015, and she found work managing Hollis Woodard's new bee research lab at UC Riverside.

The Alaska trip is the first research in the Arctic Circle for the lab and asks new questions about bee populations in the region. It also has implications on other bee populations, like those in

the much-closer-to-home Sierra Nevada Mountains.

Now, Watrous and the Riverside bee crew are back in Southern California, and back in the lab. She is currently examining the nutrition of bees from the Sierras to add to the growing body of knowledge about how a changing world affects bee populations. "We know that as agriculture intensifies, or as native landscapes are developed, the bees lose a lot of floral diversity they need to have a balanced diet. What happens if they lose an important floral resource in the landscape?"

#### Colin Brayton, 2004

Wildlife, recently started Alaska Fjord Charters, in Seward, Alaska, and takes guests to the Kenai Fjords National Park.

#### Tobin Fulmer, 2005

Biological Sciences, has taken a position with the Arkansas Department of Environmental Quality at the El Dorado office.

#### Manolo Platin Morales, 2005

Politics, recently began a new job. Morales is the vice president for State Government & Industry Affairs with Chubb North America.

#### Gordon L. Bussell, 2006

Native American Studies, is working to revitalize the Hupa language by teaching teachers in the Early Childhood Program. Bussell is also working to create a first-level immersion program targeting 0 to 6-yearold children on the Hoopa Reservation. As a Curriculum Specialist, Bussell is charged with implementing and designing all curriculum with the help of one assistant.

# Gifts from **b** the Heart



#### **Randall Moory** ('72, Geology)

Proud of the quality education he received at HSU, Randy established the Geology Department Opportunities Fund with a recurring annual gift of \$6,000 paid in quarterly installments. The fund provides Geology students with experiential learning opportunities that strengthen critical thinking and creative problemsolving skills.

#### Kevin Farley, 2006

Journalism, moved on to working in Olympic weightlifting after a decade in TV news. Farley manages the website, social media, and other communications for USA Weightlifting, the national governing body for the sport of Olympic Weightlifting in the United States.

#### Eric Spieth, 2006

Business, has been teaching at the college level for the past decade. Spieth has been specializing in entrepreneurship, management, and marketing. For three years he was CEO of Mad River Brewing in Blue Lake, California, and was a business consultant in California and Oregon for 10 years. Spieth is currently the new director of the Enterprise Center at Plymouth State University. Prior to that position, Spieth was a professor and the program director for the Center for Entrepreneurial Excellence and Development at Central Oregon Community College.

# Robert Deane, 2007 nor's University.

# **2010**s

Robert P. Parker, 2011 Fisheries Biology, began working for the Nebraska Department of Environmental Quality as a Clean Water Act Section 401 coordinator.

#### Kyle Ryan, 2011

**Theatre**, moved to Chicago with only a suitcase and lived in a one-bedroom apartment with four other HSU grads. Ryan was accepted into Second City's Conservatory Program and then was hired to perform sketch comedy and improv aboard Norwegian Cruise lines for The Second City. Ryan has performed all over the world and is currently performing for The Annovance Theatre in Chicago. He currently works at a digital media arts college giving workshops to high school artists all over the Midwest.

History and Journalism, is a library technician at the Oregon Institute of Technology, after working for the Butte Valley Unified School District as the district library technician for six years. He is currently looking to return to school to earn his master's degree in teaching from Western Gover-



#### Cathy Flores, Class of 1975 **Dear Forever Humboldt.**

Enjoyed speaking with you this morning. Hope you like the banner we made. Basically, we all attended Humboldt State University from approximately 1970 to 1975, give or take a year. We lived in Maple Hall. It was so much fun, we went camping almost every weekend, rain or shine. The cafeteria would take down our meal ticket numbers and pack food for us, even giving us frying pans, etc. to use. We magically bonded like a family. We have been a "close" family ever since, many marrying one another. We have done a campout reunion every year for 25 years, this year being the silver anniversary. In honor, we have made the T-shirt banner/quilt, it contains T-shirts mostly designed by one of our group members (a graphics teacher in a high school who also teaches part time at Cuesta College and Cal Poly San Luis Obispo). Additionally, the ladies get together for two retreats a year and the guys do a fishing trip. Now the campout reunion is dedicated in memory of a member we lost. Our group has our grown adult children, and now, their children (grandkids!), as well. We have a crawdad feed and roast a pig. We have a new event in October: we are coming to the Humboldt homecoming. I reserved 20 rooms in a hotel, we plan to see the parade, eat one night at the Plaza Grill, one night at the Samoa Cookhouse (old haunt), see the game, and tailgate, if possible! Hope you like the banner!

It was great seeing you at Homecoming & Family Weekend last fall! Hope to see you again this year!

- Stephanie Lane, Forever Humboldt





#### Lucille Vinvard (left) and Susie Van Kirk (right)

They were very involved in the environmental movement in the 1960s and 1970s. and helped establish and expand Redwood National Park. Now, with the help of donors including Susie's son, HSU alumnus and Emeritus Mathematics Professor Rob Van Kirk, the HSU Library is establishing the Van Kirk & Vinyard Research Collection featuring the works of the two legendary Humboldt activists.

#### Justin Tretten, 2012

English, moved back to Colorado after graduation. In Colorado, Tretten earned his teaching license. He now teaches sixthgrade language arts in a middle school.

#### Ryan Bieker, 2013

Political Science, began working at the California Public Employee Retirement System as an associate governmental program analyst administering the Affordable Care Act with public agencies and state departments. Bieker also provides customer education, retirement and health program counseling, and responses to customer inquiries.

#### Jocelyn Keranen, 2013

Geography, served as a Peace Corps Volunteer in Tanzania, where she worked on agriculture and gender empowerment projects in a small village near the Great Rift Valley and Masai Steppe. After two vears living in a village, she added another year onto her service. Currently, Keranen is serving in Dar es Salaam as the national malaria coordinator. After her service, she

plans on pursuing a Master of Public Health in Global Health.

#### Deborah Wvnn (Graaff), 2013

International Studies, got married and started medical school with her partner. She is currently in her third year and is preparing for the first step of the U.S. Medical Licensing Exam before starting clinical rotations.

#### Misha Burke, 2014

Journalism, currently works at the California Association of Health Facilities as a Marketing & Communications Specialist.

#### Noel Eaton, 2014 **Environmental Management & Protection**

Planning, moved back home to Billings, Montana, and worked for an analytical lab testing water samples. Eaton is now a city planner in Laurel, Montana and loving every minute of it.

#### Allison Formica, 2014

Biological Sciences, is working as a Life Science Research Professional in the Genetics Department at Stanford University studying the cellular and molecular biology of the cnidarian-dinoflagellate symbiosis, which is a critical relationship to the lives of reef-building corals. She was recently promoted to laboratory manager and is assisting in developing a reliable spawning protocol for the sea anemone. Aiptasia, in an attempt to improve spawning efficiency and predictability in the lab.

#### Holly Leopardi, 2014

Physics & Astronomy, recently won first place for her paper "Er:fiber frequency comb for synthesis of optical frequencies at the 10<sup>-18</sup> level," at the Institute of Electrical and Electronics Engineers Photonics National Conference. Leopardi is currently a graduate student at the University of Colorado at Boulder, conducting research in optical frequency comb development at the Time and Frequency Division at the National Institute of Standards and Technology with Scott Diddams. She is a student member of the IEEE, and a recipient of the 2016 National Defense Science and Engineering Graduate Fellowship.

#### Cherrish Robinson, 2014

Critical Race, Gender & Sexuality Studies, graduated from Michigan State University with a Master of Arts in Student Affairs Administration. Robinson wishes to pursue a career in the education pipeline (both K-12 and postsecondary education), specifically in the administrative or policy-related capacity.

#### Leticia-Andrea Snoots, 2014

**English**, is in her final year of graduate school at the University of Pacific. Snoots is working on her Master of Education Degree with a concentration of Student Affairs. Snoots is supported on this journey by her partner of five years, James, who she met as an undergraduate at Humboldt State.

#### Billy Wright, 2014

**Communication**, is currently teaching and coaching in Kerman, California, at Kerman High School. Wright was recently invited to coach a high school All-American game played at the Oakland Raiders' stadium where he will coach alongside guys who played or coached in the NFL.

#### Julia Clark, 2015

**Environmental Science & Management,** was elected to the board of directors of the Society for Conservation GIS, a nonprofit organization that assists conservationists

# Gifts from the Heart



#### **Jerry and Gisela Rohde**

Volunteer leaders in HSU's Osher Lifelong Learning Institute (OLLI) program, they have established OLLI's first Charitable Gift Annuities. Their charitable annuities provide them a lifetime income and a bright future for lifelong learning programs at HSU.

## Jenny Novak: Zombie Prep Earns White House Recognition

A ZOMBIE INVASION and natural disaster, it turns out, have more in common than meets the eye. And one HSU alumna is using that connection to raise awareness of potential catastrophes in Southern California.

Jenny Novak ('07, Geography) is the Emergency Management Coordinator at California State University Northridge. Novak recently visited the White House to receive an award for community preparedness programs from the Federal Emergency Management Agency. Novak caught the attention of FEMA with a program she developed drawing on inspiration from the Centers for Disease Control's

zombie role-playing scenario.



honors Jenny Novak for her novel emergency preparedness program.

In 2011, the CDC ran an experimental zombie attack response and captured the imagination of the media and public. According to the CDC, what started as a tongue-in-cheek campaign to engage the public with emergency preparedness proved to be a very effective format that could be repeated elsewhere.

Novak added a new twist to the CDC's approach by introducing a scavenger hunt to the simulated preparation for a zombie invasion. The combination provided a unique and engaging way



The Zombie Preparedness Scavenger Hunt at CSU Northridge, which was developed in part by Jenny Novak, led participants through the basics of disaster preparedness as many explored parts of campus they had never seen before.

FEMA deputy administrator Tim Manning

for the campus community to start thinking about disaster preparedness. "I loved the idea of taking something from pop culture and making it applicable to something that's really important," savs Novak.

The scavenger hunt sent participants to eight locations around the CSUN campus, where students picked up items for their starter emergency kits; things like flashlights, emergency blankets, and multi-purpose tools. The hunt had the added benefit of boosting community ties by getting students to explore resources and meet people on campus. Disaster experts know that communi-

ties recover from disasters when people share close ties and are involved and engaged with their communities before a disaster. "If people are more isolated and don't have those relationships, they don't know where to go for resources or even just emotional support after a disaster, and they're not going to bounce back as quickly," says Novak. She adds that more than three-quarters of the scavenger hunt participants visited a spot on campus they had never been before.



## Chuck & Penny Raddon: Conserving Memories of the Lewis & Clark Expedition

**Chuck and Penny Raddon** 

DURING THE GLOBAL financial downturn, Chuck and Penny Raddon ('66, Forestry and '66, Social Sciences) realized that the only way to save a portion of a trail made famous by Meriwether Lewis and William Clark was to save it themselves.

The Raddons have been leading volunteers into Idaho's Bitterroot Mountains ever since, working for days to conserve part of the historic route.

"That's what really pushed us into setting up the volunteer program. If someone doesn't step up and do something, we'll lose the trail. To me, it's something that's part of our history and it's important," says Chuck.

For their efforts, they were given the Trail Stewardship Award by the Lewis & Clark Trail Heritage Foundation, which promotes cultural awareness, protection of sacred sites, and preservation of the natural and historical resources along the trail.

The Raddons have been involved with the trail since Chuck's career with the U.S. Forest Service took him to Idaho in 1988, but it took a global financial downturn for the couple to see that volunteerism was the only way to keep the trail in good condition.

Every August the Raddons lead the Lolo Work Week, a group of about 25 volunteers who scramble their way into No-See-Um Meadow, and then spend several days making work sallies 50 miles to the Lolo Pass trail. Sometimes the work includes replacing signs, repairing the trail, or identifying projects that will be tackled in the future. It's hard work, but everyone agrees it's rewarding. Owing to his background in the Forest

Service and his knack for logistics, Chuck said it was a natural step to organize a backcountry work party. Penny would manage food supplies, while Chuck organized the volunteers. People have lots of fun, too. In fact, Chuck said it's hard to find any archival photos of people working during the workweek because so often people were having a good time.

For Chuck, professional obligations brought him to be involved with the history of the Lewis and Clark Expedition, but his

interest in their trip grew over time. He became fascinated by the psychology of the expedition's men, contrasting their mindset with modern day travelers. "If you're driving down a desert road and you see a sign 'next gas station 150 miles' you look at your gas gauge and ask 'can I make it or not?' Back then, it was a different psychology, a different way of thinking. They were so independent and self-sustained."

One important aspect of the Lewis and Clark Expedition that Chuck likes to point out is that the two U.S. Army officers weren't discovering anything new. "They knew where the mouth of the Columbia was. What they didn't know is what is present-day Idaho, western Montana and the Columbia Basin," Chuck told Idaho Public Television in a 2001 broadcast. Essentially what they "discovered" was well-trodden ground used by many Native American tribes, particularly the Nez Perce.

# Gifts from the Heart



#### **Donn Peterson**

The University Police chief created the UPD Scholarship Endowment Fund with a personal gift of \$2,500. With support from campus police officers and others, Donn hopes to raise \$25,000+ to permanently endow the scholarship, which will support students doing service-oriented work in the community.

worldwide in using geographic information systems through communication, networking, scholarships, and training.

#### Kira Marie Yeomans, 2015

Environmental Studies, is currently enrolled in the Environmental Studies Master's program at Antioch University in New Hampshire. She is also part of the Master's International program, and is under consideration for working in Malawi as a forestry volunteer for the Peace Corps where she will complete her internships. She currently works for the university on the Sustainability and Social Justice committee as well as the development director for the Center for Tropical Ecology and Conservation.

#### Kamilah Barajas, 2015

Critical Race, Gender, & Sexuality Studies, is on the steering committee for Next Generation Eureka, a nonprofit that works to make Eureka, California, a more attractive place for young adults. Barajas worked at North Star Quest Camp for girls following graduation and just recently started at North Coast Rape Crisis Team as a full-time Client Advocate.

#### April Alexander, 2015

is a Clinical Social Worker at St. Joseph's Hospital in Eureka. She recently presented at the Association of Community Cancer Centers 33rd National Oncology Conference. Alexander's presentation, "Rural Chemotherapy Clinic Student Volunteer Support Program," was a program she designed and implemented in collaboration with the HSU Social Work Department in the infusion clinic at St. Joseph Hospital's Cancer Program to better serve the patients undergoing chemotherapy treatment and to support the medical staff in the clinic. The conference was attended by more than 600 cancer care professionals from across the country.

#### Rocio Avila, 2016

Politics, started working with Humboldt County's North Coast Rape Crisis Team as an advocate for survivors.

# Robert Brundage, 2016

**English**, has officially accepted enrollment at the University of San Diego where he will pursue a Master of Education in the Teaching English as a Second Language, Literacy and Culture program. With this degree, Brundage hopes to be a competitive candidate for English teaching jobs all around the globe.

#### Mason Gedanken, 2016 **Geography**, landed a job with a consulting company as an intern, where he has learned





#### Social Work and 2016 Master of Social Work.



#### Lance Hardie

Lance named the Humboldt State University Advancement Foundation (HSUAF) as the charitable beneficiary of his IRA. His gift will establish a permanent endowment at Schatz Energy Research Center (SERC) to support students researching sustainable technologies.

quite a bit about utility poles, and how telecommunications works.

#### Mia Kennel, 2016

Anthropology, started graduate school at the University of Wiscons at Madison's Nelson Institute of Environmental Studies, Kennel is in the graduate Environmental Conservation program, widely considered the best program of its type in the United States.

humboldt.edu/events Things to do. People to see. Places to go.





## things

### **Fantastic Floats**

From a 90-foot research vessel to scores of kayaks and rigid inflatable boats, students have plenty of ways to get out on the water.













# Meet Humboldt Jordan Johnson ('18, Recreation Administration)

Last year, HSU won the Outdoor Nation Campus Challenge, outscoring 86 other schools to be named the "outdoorsiest" school in the nation. Jordan Johnson was HSU's runaway leader in that effort, and one of eight students nationally to log the most outdoor time possible, often in his trademark Hawaiian print shirt and sandals. Jordan works at the Humboldt Bay Aquatic Center and continues to be involved in a variety of outdoor efforts with Center Activities and Outward Bound, all with the goal of getting people outside. Among those who have noticed is outdoor gear company Merrell, which has made Johnson one of its college ambassadors.

**Hooked on the Outdoors** > "I grew up in Lemoore, California, a low-lying desert town in the Central Valley. I'd always longed to go to the Pacific Northwest, and at a school fair I found out about HSU, where the forest is your backyard and I could ride my bike 20 minutes to the beach. I got hooked on the outdoors my first semester."

**Finding a Place** > "I came to Humboldt in Fall 2014 as a Film major, but before long I changed to an Environmental Studies major. As I spent more time exploring classes and the outdoors, something clicked with me, and I became a Recreation Administration major."

**Helping People** > "I like making people feel comfortable in the outdoors. A lot of students come to Humboldt from places where there is limited access to outdoor recreation as we know it. One of the main focuses of Outdoor Nation at Humboldt State was inclusivity in the outdoors. There's a lack of diversity in outdoor spaces and environmental sciences, partly due to economic barriers. Outdoor Nation offers a much more casual, accessible, and affordable approach to the outdoors-compared to the "extreme" portrayal that's seen in advertising by outdoor brands. It's also an effort for body positivity and for casual users to connect with outdoors on a regular basis."

Helping the Earth > "I really want to help people connect to the environment. One way to do that is to get people outside. Talking about the outdoors, and books—those are great—but for people to get really excited they have to feel a personal connection to the outdoors, a joy, a sense of appreciation and belonging. From that comes a sense of responsibility."



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