

Humboldt

The Magazine of Humboldt State University | Spring 2014

YOUR STORIES

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- Photos from
HSU's Centennial Year -



Humboldt

The Magazine of Humboldt State University

Special Centennial Issue

Spring 2014

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THESE PAGES: Students from the HSU Forestry Club help get the Centennial Homecoming & Family Weekend started with their spirited parade float.



from the President

AS A UNIVERSITY President, I spend a lot of time going over reports filled with statistics, projections and data that tell us how we are doing.

The scientist in me is impressed with the sheer volume of data-gathering we do to measure our progress. But what is really impressive is that, in the end, all this reporting is just for one thing—helping us offer a great learning experience. Yes, even in the bureaucratic details, you find Humboldt's obvious care and commitment to students.

For me, the most significant "report" of the year is delivered in person each spring at commencement. On that day, when our student body temporarily shrinks and our alumni family welcomes new members, we see the results of the hard work of both our students and our faculty, parading across the stage one at a time. It is a joy for those of us who work at Humboldt State to be able to share that big day with hundreds of graduates, their families and their friends.

I have had the privilege of overseeing 12 such ceremonies, over a time when 19,055 students have earned degrees or credentials from Humboldt. Assuming this year's class is keeping up with readings and tests, there should be at least 1,000 more by the end of this semester. That is a lot of individual accomplishment, and I am proud to say these graduating classes have grown both larger and much more diverse in recent years.

Commencement is when the promise of so many of these young people shines most vividly. As we celebrate with them, we also celebrate the future, because we know that their impact will be felt far beyond our little campus for decades to come. Each graduating class gives us more individuals who are prepared to make a positive difference

in their communities and the world, and more individuals in a better position to support their families.

This May will be bittersweet for me, as it will be my final commencement ceremony as president. I will be retiring after more than four decades in higher education.

As you might expect, I have a great deal of pride in Humboldt's many accomplishments, and in the small part I have been able to play in its development. But I am most proud of those newly minted alumni we celebrate at commencement.

I have long held that Humboldt students are decidedly different from students elsewhere. They have a strong desire to bring positive change to the world and are willing to work hard to accomplish it. They have ideas, they want to put them to work, and

(as I will share with Humboldt's next President) they fully expect those of us who work at Humboldt State to have the same sort of passion.

Humboldt's students have inspired me during my time here. They continue to inspire me as I look toward the future, one that will be bright because of the thousands of Humboldt graduates who will make it so.

Sincerely,



Rollin C. Richmond
President

humboldt.edu/100 | facebook.com/hsu100



Humboldt

The Magazine of Humboldt State University

humboldt.edu/magazine

Humboldt magazine is published twice a year for alumni and friends of Humboldt State University and is produced by University Advancement. The opinions expressed on these pages do not necessarily reflect the official policies of the university or those of the California State University Board of Trustees.

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Founders Day April 25, 2014

PRESENTED BY HealthSPORT

Join us for a full day of festivities to cap off the Centennial year and begin a new century!

Centennial Time Capsule Burial • 11 a.m., In front of Library

Witness history as we bury the Centennial time capsule filled with items from students, staff and faculty that represent the HSU campus.

• • • •

Ideafest • 3 p.m.-5:30 p.m., Nelson Hall East

IdeaFest showcases student research and projects with an interdisciplinary poster presentation.

• • • •

HSU Composers Centennial Concert

8 p.m., Fulkerson Recital Hall

Price: \$10 General; \$5 Senior/Child and HSU students with ID

Enjoy original works composed by HSU Music Professor Brian Post in honor of HSU's Centennial.



Dance of the Century

8 p.m.-midnight, Kinesiology & Athletics Building

Price: FREE entry and hors d'oeuvres. No-host bar.

Attendees are encouraged to dress in costume from their favorite decade. Awesome music, prizes, free hors d'oeuvres, a speakeasy themed beer/wine no-host bar with karaoke, dance performances, special screenings of the Centennial Documentary, a photo booth, games and more.

humboldt.edu/foundersday

LETTERS ARE WELCOME and may be published in upcoming issues of Humboldt magazine. Letters may be edited for length and clarity. Send to magazine@humboldt.edu or the address listed below.

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Welcome to our Next President, Lisa A. Rossbacher



Submitted

AS HUMBOLDT MAGAZINE was about to go press, the CSU Board of Trustees named Dr. Lisa A. Rossbacher as the next president of Humboldt State University. Rossbacher is currently serving as president at Southern Polytechnic State University in Marietta, Ga., and begins her new position at HSU in July.

"It is a wonderful and humbling honor to be chosen to serve the students, faculty and staff as well as the North Coast community as the next president of Humboldt State," said Rossbacher. "The university's unique programmatic offerings and beautiful setting draw a diverse group of students who are committed to improving themselves and the community through public service. HSU embraces sustainability and the environment like few other universities, and I look forward to engaging all groups to achieve the university mission."

Rossbacher succeeds Rollin C. Richmond (See "Reflecting on the Richmond Years," page 16) who is retiring at the end of the academic year after 12 years as president of HSU. She will be the seventh president in Humboldt's 100-year history.

"Throughout her career, Dr. Rossbacher has demonstrated a focus on student success and she leads through consensus building and shared governance. She is a noted scholar and teacher, and as a current university president she brings a wealth of innovative administrative experience necessary to lead at the highest level," said CSU Trustee Larry Norton, chair of the presidential search committee. "Lisa's broad experience as an educator, scholar and academic leader and her passion for education are qualities that will serve her and HSU well."



WATCH FOR COVERAGE of Dr. Rossbacher's first months at HSU in the fall issue of *Humboldt* magazine.

Adapted P.E. Revitalized by \$1.2 Million Grant

HSU'S ADAPTED PHYSICAL education program, which offers two credentials and a master's degree, has gotten a boost with a \$1.2 million grant from the Department of Education.

With the grant, the Department of Kinesiology & Recreation Administration will expand the program by funding student stipends, increasing hands-on learning opportunities and supporting outreach and recruitment efforts. It lasts five years.

"Not only will this grant increase opportunities for our students, it will also provide them with the skills needed to create healthy and active communities for individuals, including those with disabilities," said Chris Hopper, department chair.

HSU's Adapted Physical Education Credential Program prepares students to teach physical education to individuals with disabilities. They learn about things



Students in the Recreation Administration major Hao Nguyen, Jennifer McGee, center, and Rachel Kurta participated in the 2013 Humboldt County Special Olympics games.

like perceptual motor development, aquatics, game and sports skills, and physical fitness. Students receive an Adapted Physical Education Credential, a Master of Science degree and a California Single Subject Teaching Physical Education Credential upon completing the program.

Humboldt State was one of nine applicants nationwide to receive the grant,

which will be used to support federal initiatives that reduce obesity among individuals with disabilities, Hopper said. Examples include first lady Michelle Obama's "Let's Move!" campaign and the "I Can Do It, You Can Do It!" initiative, sponsored by the U.S. Department of Health and Human Services' Office of Disability.

The grant will also expand fieldwork opportunities for students, Hopper said. Current partnerships include the Humboldt County Office of Education, Fortuna and McKinleyville high schools, the cities of Arcata and Eureka recreation divisions and the North Coast Special Olympics, which hosts a basketball program on the HSU campus every year. Hopper said that plans are also under way to establish satellite credential programs in Redding and Ukiah, Calif., to respond to growing demand.

Can Humboldt Bay Give Us 'Blue Energy'?

Professor and Students Investigate Renewable Energy With Massive Potential

BLUE ENERGY—for the unfamiliar—is a promising form of renewable energy that's free of emissions and doesn't depend on favorable weather conditions. And harnessing it is the goal of HSU engineering students as they develop a power plant in Humboldt Bay.

Design of a blue energy generation facility for the Humboldt Bay Municipal Water District is a continuing project undertaken by students in Professor Andrea Achilli's Environmental Resources Engineering capstone design class.

Blue energy, Achilli says, is naturally released during osmosis, such as when a river flows into the ocean. Freshwater is drawn to the saltwater, creating a buildup of pressure.

Recovering that energy is achieved through a process called pressure-retarded osmosis (PRO). During PRO, freshwater is drawn through a semi-permeable membrane into a saltwater solution. Releasing the pressure through a turbine generates power.

The innovation has gained traction in recent years. In 2009, Norwegian company Statkraft completed the world's first



Professor Andrea Achilli, left, works with graduate student Matthew Jackson.

osmotic power plant and in 2011, researchers at Stanford University estimated that osmotic power had the potential to meet 13 percent of the world's energy needs.

Achilli and his students are assessing the technical and economic feasibility of constructing a PRO facility at the site of the old Samoa Pump Mill west of Eureka. The plant would draw water from Humboldt Bay into the Pacific Ocean, generating large amounts of renewable energy. Students are heavily involved in all aspects, gaining hands-on experience collaborating with a client and managing a project from inception to completion.

"We've pretty much been working from the ground up," says Chuck Swanson ('13, Environmental Resources Engineering). "Our involvement has been everything from trying to assess the site's infrastructure to testing a new technology."

"It's pretty exciting to be a part of such novel and promising research," says Meghan Heintz ('13, Environmental Resources Engineering), a student in Achilli's class. "It's also exciting because Professor Achilli is a leading expert in the field."

Before joining HSU, Achilli studied membrane-based energy systems as both a graduate student and post-doctoral research associate at the University of Nevada, Reno. His current research focuses on membrane contactor processes and hybrid systems, renewable and sustainable energy systems and biological processes for water and wastewater treatment.

Results from the course will determine whether it will be possible to house the first river-to-sea PRO facility in the United States at Humboldt Bay.



Addressing Complexity of Criminal Justice System at Heart of New Program

HUMBOLDT STATE'S NEW Criminology & Justice Studies program is attracting students of all grade levels, including many who are transferring to HSU to take advantage of the growing major.

"Our opening enrollment is substantially higher than our early projections," said Mary Virnoche, Professor and Chair of the Department of Sociology. "With a sociological framework at its core, but with courses drawn from across other fields, the CJS major meets a longtime need expressed by students, alumni and community members."

Launched in August, the major provides students with a broad foundation in crime and justice while addressing current systemic issues such as racial and class inequalities and mass imprisonment. The curriculum includes courses from fields including criminology, critical race, gender and sexuality studies, geospatial studies, Native American studies, politics, psychology, social work and sociology.

"Students in our program will learn to identify, understand and address the complexity of issues we face in crime, law and justice," said Sociology Professor Joshua Meisel, program coordinator. "While some of our graduates may indeed choose careers in law enforcement—and be well-prepared to do so—CJS at HSU is not a vocational training program. Our graduates will be ready for a broad range of careers from social justice advocacy and research, to



Sociology Professor Renee Byrd leads her Inequalities and Crime class. Byrd and Meredith Williams were hired by the Department of Sociology to further develop HSU's new Criminology and Justice Studies major.

state, local and federal policy making. No doubt many will also continue on to law school or graduate studies."

Experience and career planning are embedded in the new curriculum. Early on, students take a course that structures their career planning and helps them plan experiences to build their resumes. At the sophomore level, students participate in service-learning placements at a broad range of organizations, from foster youth and after-school programs to environmental and civil liberties groups. As a capstone, students complete either a

90-hour internship or design and implement their own research.

"It is really great the way we have real experience linked so closely with our classes in CJS," said Viet Duong, a transfer student from San Jose City College who entered the major in August. "I also think it's really important the way the major has us looking at inequalities and change. We are the ones who will have to figure out what do about so many issues. I think this major is going to be a great way for me to get the building blocks I need to take up that challenge."

"Our graduates will be ready for a broad range of careers from social justice advocacy and research, to state, local and federal policy making."

Joshua Meisel, Criminology Program Coordinator / HSU Professor of Sociology

Get Plugged In: Humboldt First CSU to Put Full GE Program Online

HUMBOLDT STATE UNIVERSITY will soon offer a full General Education program online, making it the first campus in the California State University system to offer a complete package of online GE courses.

The new set of courses will accommodate students with different learning styles, those with busy working schedules and seniors with outstanding GE requirements just shy of graduation.

"Thanks to the hard work and enthusiastic support of faculty and staff, this new program will increase our course offerings, improve scheduling flexibility and help our students graduate on time," says HSU President Rollin Richmond.

Most courses in the online program will be eight weeks—as opposed to the traditional 16 weeks—allowing students to complete their requirements in half the time and speed their path to graduation. Each course will be taught by an HSU faculty member, with guidance from a team of instructional designers from the College of eLearning and Extended Education.

The online package includes a total of 21 courses—from Elementary Statistics to Introductory Literature. Ten of the courses are available this semester, and plans are under way to add an additional 11 courses by fall 2014.

Recent research suggests that when designed correctly, online courses can be as—or even more—effective than face-to-face learning, says Alex Hwu, Associate Vice President for the College of eLearning and Extended Education.

"Online learning isn't meant to replace face-to-face education, but for the highly motivated, engaged student, it offers a lot of flexibility and is a convenient supplement to in-class learning," Hwu says.

In the last decade alone, online learning enrollment has grown an average of 12 percent annually and accounted for 32 percent of total postsecondary enrollment in 2011, Hwu says. The California State University offers a number of undergraduate and graduate degree programs online through CSU Extended Education and Cal State Online.

More information is available at calstate.edu.



Students Bring Sustainable Tech to Dominican Republic

EVERY SUMMER, ENGINEERING lecturer Lonny Grafman finds a way to keep himself—and others—busy. Even so, he's never quite sure what he'll be doing until he arrives on site for Practivistas Dominica, a program providing students from a variety of disciplines with hands-on experience.

"You don't have to be studying engineering to join us," said Grafman, who began the annual study abroad effort in 2005. "Students majoring in Spanish, social sciences and many who are still in general education can all benefit."

All of the approximately 15 students—some of whom attend other U.S.-based universities—combine with a group of local college students and citizens to address community needs in the Dominican Republic. Continuing their focus on sustainable technologies, last summer's team designed and built a public pharmacy using plastic bottles and other structural materials made from rice husks, rice husk ash, lime, cement and sand. They also installed a rainwater catchment system for a grade school in La Yuca and built a renewable energy system for an animal shelter.

"We're never certain as to what we're going to do there, only that it will be a combination of building and using renewable resources," Grafman said. "Whatever we're working on, it's a collaboration of U.S. students, Dominican students and community members. We start by getting together in a big room and identifying our physical resources and individual strengths, whether it's welding or singing. Then we combine them in a community process."

All of the students involved in Practivistas also gain cultural awareness while living with a Dominican family and studying alongside local students. Far from tourists, they spend six weeks interacting as contributing members of the community.

"The most memorable part of my experience was the bonds I formed with the people I met," said Camille Penny ('15, Environmental Resources Engineering),



HSU students work with locals to construct a building with sustainable materials including plastic bottles, rice husks and sand.

who participated in 2012 and returned as a teaching assistant for the 2013 session.

"Memories of my host mom will always be in my heart. A specific memory is of me trying to show her my appropriate technology homework in the evenings, though I spoke no Spanish and she spoke no English."

With wavy locks and a sun-drenched complexion, Grafman looks every part the hands-on design engineer and builder. It's his quick smile, however, which reveals a passion that fuels a wide variety of appropriate technology efforts.

Along with teaching two to three classes per semester at HSU, Grafman spends three to five months each year traveling throughout the United States and Latin America, providing assistance and advice to other university groups with similar programs.

Grafman is also the founder and president of Appropedia, an interactive online center focusing on sustainability, appropriate technology and poverty reduction that currently features 5,715 contributed articles (many from HSU student projects). It's at www.appropedia.org.

At the heart of all of Grafman's activities are the students who take the lessons with them beyond Humboldt State, applying the knowledge gained in a variety of careers.

"I hope to incorporate many of the aspects of the Practivistas Dominicana program into my professional future," Penny said. "I think it is an incredibly valuable program, with its focus on service learning and sustainability, that would bring fulfillment to any career. More important, the benefits would be widespread and diverse for others as well."

One of those immediate benefits, according to Grafman, is the collaborative experience gained by students and members of the communities where they study and work. He's quick to point out that the Practivistas program isn't a charitable venture.

"When we started working in some of these communities, I think many of the people found us annoying. When they realize we're not on a charity mission, they become involved themselves. There's a deep engagement when you go through the successes and failures together. The result, when it's done, is a sense of love, not thanks."

HSU Approaches Student Diversity Milestone

FOLLOWING A SEMESTER of booming enrollment and ongoing efforts to bolster campus diversity, Humboldt State University has drawn closer to formal U.S. Department of Education recognition as a Hispanic-Serving Institution (HSI).

Primary criteria for HSI designation requires a college or university to achieve an undergraduate full-time equivalent enrollment of at least 25 percent Hispanic students. This year, HSU's undergraduate Hispanic-Latino/a enrollment surpassed that mark, reaching 25.6 percent.

A formal HSI designation not only validates Humboldt's focused effort to increase diversity, it makes the campus eligible to apply for a variety of federal grants and programs. Nationally in 2013, \$95 million was appropriated for the HSI undergraduate program under Title V of the Higher Education Act.

"This status reflects the fact that HSU's student population increasingly resembles California's demographics," says Peg Blake, HSU's Vice President of Enrollment Management and Student Affairs.

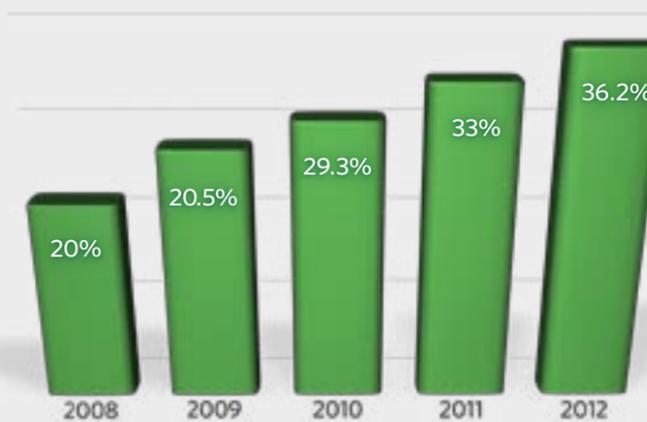
Of the 356 institutions that identified as Hispanic-Serving in 2011-12, 112 were California schools, according to Excelencia in Education, a nonprofit that supports Latino success in higher education. Only 10 percent of them were rural campuses like HSU.

Overall, HSU's diversity has grown from 13 to 31 percent in the last decade. In the past year alone, HSU has made significant strides. This spring, two campus working groups developed proposals to address retention and academic advising, resulting in the comprehensive restructuring of all retention-related student support units. Their suggestions also led to the establishment of cultural-specific centers of academic excellence.

The university also continues to pursue initiatives for diversifying faculty and has created a campus plan for diversifying staff, which will be implemented this year.

For more about diversity resources at HSU, including a guide for students, visit www.humboldt.edu/diversity.

Students of color are making up an increasingly large percentage of HSU's overall student body.



SOURCE: Office of Diversity and Inclusion

News Round Up

Humboldt Top School for Fulbrights

Humboldt State has been named a top school for Fulbright scholars by the Chronicle of Higher Education. Three HSU faculty members received awards in 2013-14, making Humboldt State a leading producer of Fulbright scholars among U.S. universities granting master's degrees. The recipient professors are: Tasha Souza, Communication; Eileen Cashman, Environmental Resources Engineering; and Matt Johnson, Wildlife.

Cyclists Capture Conference Championship

The HSU Cycling Club is the Western Collegiate Cycling Conference Mountain Bike Champion. HSU was the top ranked team every week throughout the recent conference championships and has been a winner five years in a row.

Earth Tub Boosts Campus Composting

Funded in part by gifts to the Humboldt Loyalty and Parents & Family funds, HSU has installed an Earth Tub compost digester that can handle 100 pounds a day of food waste. The tub can produce usable compost in a fraction of the time of conventional methods.

Schatz Lab Probes Electric Vehicle Issues

Researchers from the Schatz Energy Research Center are working on electric vehicle readiness in Northern California and New Delhi, India. Researchers are investigating the need for public charging infrastructure. They're also measuring the impact of traffic congestion on electric vehicle performance and the practice of battery-swapping in place of charging.

Passion For Water Access Nets Student EPA Fellowship

IN MANY PARTS of the world, access to clean, safe drinking water is a luxury. But Jairo Luque Villanueva ('15, Environmental Resource Engineering) doesn't believe it has to be that way.

Earlier this year, Villanueva was one of 33 students from around the country to receive a prestigious Greater Research Opportunities Fellowship from the Environmental Protection Agency. GRO recipients receive an internship and up to \$50,000 over two years to fund their studies and research in the sciences and math.

Villanueva will use the fellowship to support his research on wastewater treatment and reuse under the direction of Environmental Resources Engineering Professor Andrea Achilli. His research is focused on a coupled forward osmosis and membrane distillation system, a process used to treat and reuse wastewater (See description of Professor Achilli's work on page 5).

Villanueva's passion grew out of personal experience. He grew up in California and Tijuana, Mexico, where he experienced water scarcity firsthand. "When I was growing up, we had a water reserve tank," he recalls. As a result, he became interested in the biological, social and economic issues surrounding international water scarcity. According to the United Nations, water scarcity affects about 1.2 billion worldwide.

Villanueva began his academic career by earning an associate degree in Biology from MiraCosta College in Oceanside. While he was there, he heard that Humboldt State was a leader in the natural resource sciences and that several faculty members were experts in water resources and water quality.

He entered HSU's engineering program, where his academic mentors are Margaret Lang and Achilli. "I feel so fortunate to be surrounded by people who are such experts in their field," he says.

This semester, Villanueva and his lab partner, Lianna Winkler ('14, Environmental Resources Engineering), designed and built a forward osmosis and membrane distillation system, a

device that filters wastewater for reuse. The prototype is part of a larger research initiative in partnership with the University of Nevada, Reno, exploring low-energy, large-scale wastewater treatment. If successful, it could be adapted for full-scale use.

Outside class, Villanueva is a member of HSU's Indian Natural Resource Science and Engineering Program, where he once tutored students in science and math. He is also active in the university's Aztec dance group, Chicaucuh Tlahu Cuahuitl, and a member of the national Society for Advancement of Chicanos and Native Americans in Science (SACNAS).

Villanueva credits his family, and HSU faculty and staff—including professors Lang and Achilli, career counselor Cherry Oullette, Jacquelyn Bolman of INRSEP, equipment technician Marty Reed, and lab manager Colin Wingfield—for supporting his success. "You can get where you want, with the help of others along the way," he says. "I am just one example of that."

Jairo Villanueva explains the mechanics of the coupled forward osmosis and membrane distillation system he helped design and build. The system is used to treat and reuse wastewater.

"You can get where you want, with the help of others along the way. I am just one example of that."

Jairo Luque Villanueva ('15, Environmental Resource Engineering)



New Group Brings Scientists Together on Coastal, Marine Study



Director Brian Tissot

HSU IS RALLYING its marine and coastal expertise with the launch of an interdisciplinary institute aimed at expanding our understanding of a large and remote section of California coastline.

The Humboldt Marine and Coastal Sciences Institute, or HMCSI, will support collaborative research across the university and strengthen HSU's partnerships with local, state and federal agencies. It will also build on the university's existing programs in

Oceanography, Fisheries Biology, Marine Biology and Scientific Diving.

The institute will bring together the university's more than 20 marine scientists and faculty from a variety of disciplines to study the social and ecological aspects of the North Coast.

The institute also helps fill a long-standing need for marine research on the North Coast. For years, HSU has been the only major institution with a coastal presence between Bodega Bay, Calif. and Coos Bay, Ore. "We are located on one of the least understood regions of the West Coast, making us uniquely poised to contribute to the study of marine sciences on our coast," said Brian Tissot, director of the Telonicher Marine Lab and the institute's recently-appointed director.

Creation of the institute also responds to growing interest in the importance of marine sciences. Earlier this year, HSU faculty members were named as principal investigators on seven of 10 grants awarded by the California Ocean Science Trust for marine research. The grants were part of the North Coast Marine Protected Area Baseline Program, which supports the collection of ecological and socioeconomic information on beaches, reefs and ecosystems on the North Coast.



The newly launched Humboldt Marine and Coastal Sciences Institute will contribute to a better understanding of the North Coast's ecosystem.

Social Media Chatter

In October, we asked members of HSU's Facebook Community why they chose to come to HSU. Here are some highlights from the responses that poured in!

Why did you choose HSU?

HSU is Biology Heaven!

Cody Smith, HSU student

Location, location, location! I love the redwoods and ocean.

Christine Hischar, HSU alum

It's a beautiful campus and surrounding area, excellent student to teacher ratio and a refreshing nice attitude from most people I encountered. Loved my time there!

Jackie Mulligan McClain, HSU alum

The number of hands-on classes that are available along with the many different ecosystems nearby to study: Amazing!

Jordan Gomes, HSU alum

Because of the excellent English Department and the remote, beautiful campus. The best choice I have ever made.

JS Farnsworth, HSU alum

Because the second I stepped onto campus I knew it was where I belonged.

Patrick Sullivan, HSU alum

The top notch Fisheries program!

Stacy Stanish, HSU alum

facebook.com/humboldtstate

Critter Census

Research Sheds Light on Elusive Humboldt River Otters

FOR YEARS, SCIENTISTS have wondered: Just how many river otters—considered by scientists to be a critical species in a healthy ecosystem—are out there? Recently, a team of HSU researchers used a unique combination of citizen science and genetic sampling to estimate the number around Humboldt Bay.

In the last century, river otter populations have dropped dramatically due to hunting and habitat loss. At the same time, relatively few studies have estimated their numbers, especially in California.



Graduate student Kristin Brezski collects a sample as part of the river otter population survey. River otters are notoriously elusive, making it hard for scientists to spot them and track their numbers.

The team—which was led by graduate student Kristin Brezski, joined by HSU Wildlife Professors Micaela Szykman Gunther and Jeffrey Black—set out to create a demographic snapshot of the species in Humboldt Bay. They published their findings in the September issue of the *Journal of Wildlife Management*.

River otters sit at the top of the food chain, serving as an indicator of ecosystem health. But they are also notoriously elusive, making it hard for scientists to spot them and track their numbers.

For the study, the HSU team collected more than 300 samples of river otter scat over several months around Humboldt Bay. Their method was non-invasive, meaning no animals were trapped or handled.

“In recent years, non-invasive genetic sampling has become an increasingly popular method among wildlife biologists looking to reduce the potential of animal harm,” says Gunther. Common methods include extracting DNA from the animal’s hair, feces and saliva.

In this case, researchers analyzed the creatures’ scat to create unique genetic “fingerprints” for each otter. They then conducted a population analysis that included such variables as group size, geographic distribution and social structure.

“Based on our data, we were able to track where these otters lived, where they moved and how they used their habitat,” Gunther says.

To complete the picture, they pooled their findings with visual observations from a citizen science project. Since 2000, the project has collected thousands of otter sightings from more than a hundred local residents. Citizen reports filled in important gaps that couldn’t be determined through DNA analysis alone.

The group determined that Humboldt Bay is home to 41-44 river otters—a larger number than previously expected. It also has a higher density of the creatures compared to other coastal systems. “Assessing how river otter abundance and density change over time will inform managers about the health of an apparently productive coastal system,” Gunther says.

About the Researchers

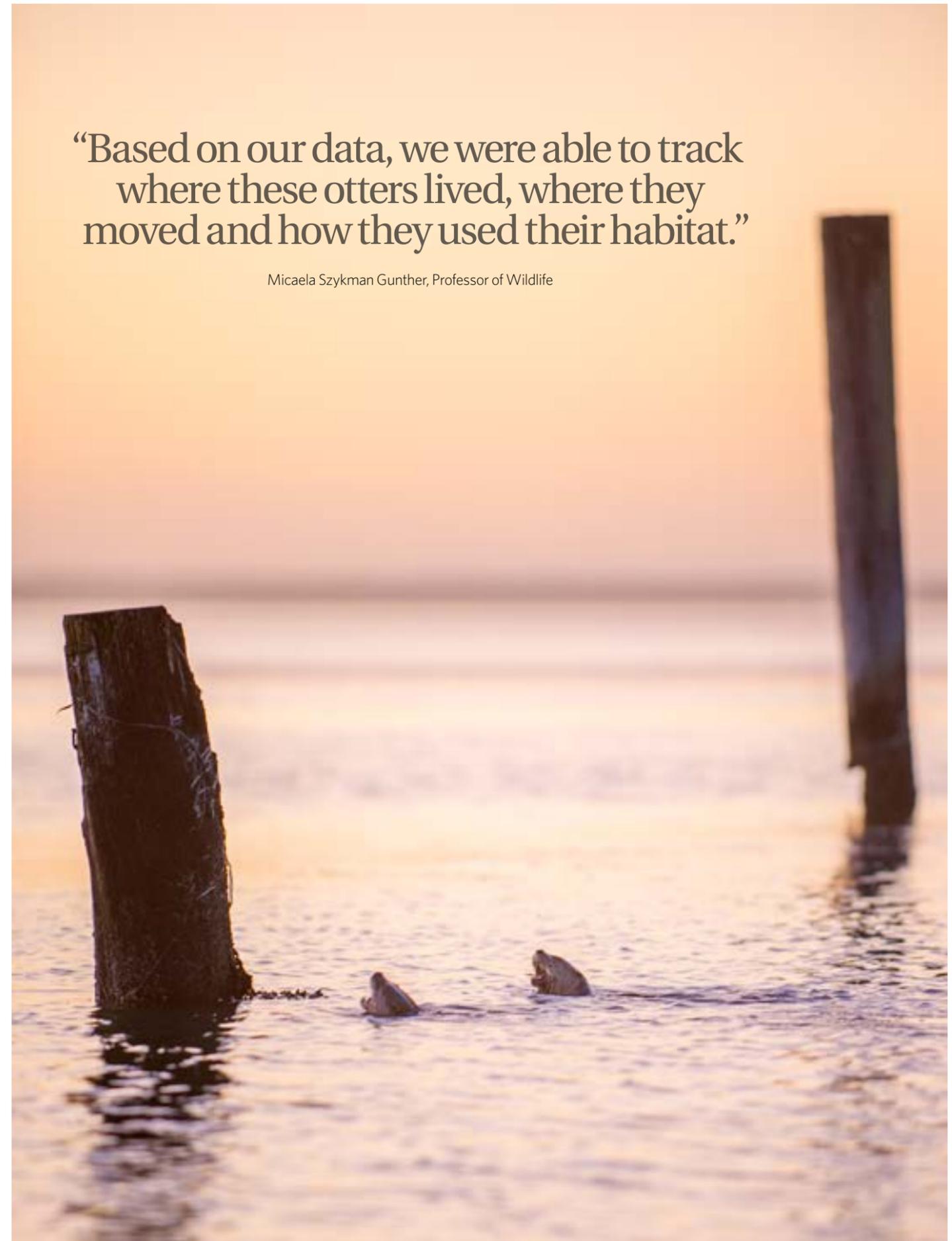
FOLLOWING HER GRADUATE STUDIES at HSU, Brezski is currently pursuing a Ph.D. at Louisiana State University, where she’s continuing her studies of population genetics examining population viability and hybridization of endangered red wolves.

Gunther is a professor in the Wildlife Department, where she focuses on the behavioral ecology of mammals. Since 2002, she has used non-invasive genetic analysis to inform reintroductions of endangered African wild dogs in South Africa.

Black is a professor in the Wildlife Department, where he focuses on the behavior and population dynamics of waterfowl. He has studied ducks, geese, Steller’s jays, and river otters.

“Based on our data, we were able to track where these otters lived, where they moved and how they used their habitat.”

Micaela Szykman Gunther, Professor of Wildlife



HUMBOLDT STATE UNIVERSITY
THEN, NOW
 AND THE
FUTURE

Predict the Future! Flying cars? Hologram professors? Go to facebook.com/humboldtstate and tell us what HSU will look like in 50 years! Your predictions will be buried in the historic time capsule on **Founders Day, Friday, April 25.**



student population

156
 VS.
8,293



FACULTY POPULATION
 1914: **5**
 2014: **328**



TOP LOCAL INDUSTRIES

1913: Timber, Dairy and Agriculture
 2014: Timber, Leisure & Hospitality, Transportation & Utilities, and Government

HOW MUCH FOR A GALLON OF GAS?

\$.12
 1913

\$3.79
 2014

DISTANCE EDUCATION

THEN: Correspondence courses delivered in the mail

NOW: 69 online classes are available

\$\$\$\$\$ TUITION \$\$\$\$\$

1913: a buck fifty per semester
 2014: \$3,565 per semester

EATING ON CAMPUS

1913: \$20 per month
 2014: \$533 per month

GENERAL EDUCATION

1914: Agriculture, horticulture, general science and nature study
 2014: Math & science, arts & humanities, social science, human integration, diversity & common ground

EXTRACURRICULAR ACTIVITIES

1914: Highlights included vocal and instrumental music
 2014: More than 180 campus clubs!

WHO NEEDS A CAR?
 Then: Local railroad companies helped students living as far away as Scotia make the 35-mile commute in time for supper
 Now: Jack Pass (free bus rides) and Zipcar

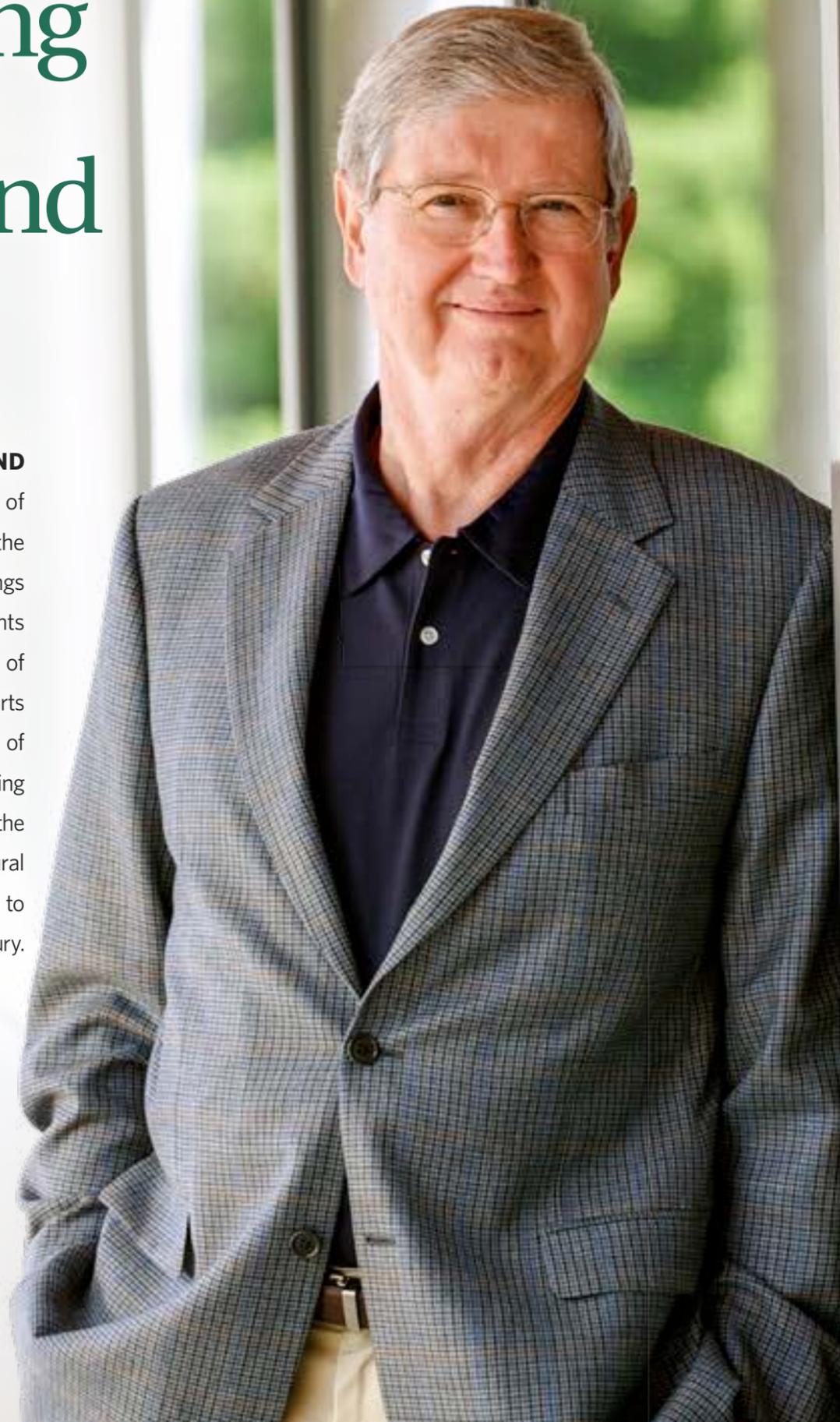
HUMBOLDT COUNTY POPULATION
 1910: **33,857**
 2012: **134,827**



Reflecting on the Richmond Years

By Jarad Petroske

BY THE TIME ROLLIN RICHMOND took office as the sixth president of Humboldt State University in 2002 the campus had grown from its beginnings as a teacher's college with 62 students into a leading center for the study of biology, forestry, wildlife, kinesiology, arts and humanities with an enrollment of 7,289. An evolutionary biologist leading a school where biological sciences is the top enrolled major seems like a natural fit. And Richmond was ideally suited to guide the university into the 21st century.



“The thing I like about young people is they question you. They don’t outright accept your values and approaches and it makes you think hard about what you’re doing.”

RICHMOND, WHO BEGAN A LIFE in higher education as a work-study student majoring in pre-med at San Diego State University, has risen to the top of his profession using a mixture of intellectual curiosity and an ability to foster collaboration among groups ranging from academic departments, to research institutes, governments and beyond.

In 2013, Richmond, a lifelong educator and university administrator with more than four decades of experience in higher education, announced he would retire at the end of the 2013-14 academic year.

“Together we have made substantial improvements in our curricula, shared governance and physical facilities,” Richmond wrote in a campus message announcing his retirement. “All of these changes have resulted in better experiences for our students, faculty and staff. I have enjoyed my years serving you.”



“This is the sixth university I’ve served at in my career. I think the students here are more involved in making sure the things they consider to be of social significance get done and get the attention of people in authority. I think we’ve made real progress and a lot of it is a result of student ideas and student action.”

When President Richmond arrived on campus he was immediately impressed by the high level of campus involvement and students’ commitment to environmental and social justice. He also welcomed the opportunities he had to learn from the students about their views on higher education. “That’s one of the things I like about being here at Humboldt. It’s a small enough institution that I have time to talk with students. The thing I like about young people is they question you. They don’t outright accept your values and approaches and it makes you think hard about what you’re doing.”

He has frequently described Humboldt State students as fundamentally different than others he has encountered. Nowhere has he encountered students so focused on making a positive difference in the world.

“This is the sixth university I’ve served at in my career. I think the students here are more involved in making sure the things they consider to be of social significance get done and get the attention of people in authority. I think we’ve made real progress and a lot of it is a result of student ideas and student action.”



THIS PAGE: President Rollin Richmond receives a salute from the Marching Lumberjacks during his inauguration in 2002. **FACING PAGE, TOP:** Richmond and students take a break during the HSU Day of Caring. **BOTTOM LEFT:** Richmond participates in Car Free Day. **BOTTOM RIGHT:** Richmond helps clean up near the Bayside Grange on the HSU Day of Caring.



Stu Nishenko, from the Pacific Gas and Electric Company, left, reviews tsunami evacuation maps with President Rollin Richmond and Geology Professor Lori Dengler.

Richmond has been dedicated to technology during his time as president. He's worked closely with the Cal State Chancellor's office to develop Cal State Online, and still serves on its board of directors. For students, this has led to an increase in the availability of online courses and, beginning in fall 2014, HSU students will be the first campus in the CSU system to have the option to complete their entire general education coursework online (See "Humboldt First CSU to Put Full GE Program Online," page 7). "One of the things I think about a lot is 'how can we serve all of the students in the CSU?' I hear students say they tried to sign up for a course, but it was full and so they had to stay another semester. If they could take that class online, it would really benefit them." He has also worked closely with faculty from the Department of Social Work and the School of Education to develop innovative online graduate programs in both those areas. Students benefit from the chance to enhance their careers, while living and working in parts of California that would make attending HSU impossible.

Over the years, Richmond has worked to involve students in campus decision-making. He has strongly supported student-led efforts to make changes. "One of the things I'm really proudest of is the Humboldt Energy Independence Fund. That was not a faculty idea. That was a student idea. They came to me and said we want to do this, we're willing to charge ourselves \$10 a semester and we know it will generate about \$170,000 a year and we're going to make progress toward being energy independent. I said, 'Gosh, that's a fabulous idea.'"

The founding of HEIF has led to student-designed and installed energy-saving projects across campus, from the photovoltaic power system atop the Music Building to innovative lighting in Redwood Bowl that both reduces energy consumption and prevents light pollution in the nearby neighborhoods.

Richmond has encouraged the campus to diversify, and students from underrepresented groups now make up 31 percent of the student body. That is up from 13 percent a decade ago. This year, Humboldt State set a record for enrollment with 8,293 students and reached a major milestone with a Latino/a student population of 25.6 percent, allowing the university to qualify as a Hispanic-Serving Institute.

Diversity and access to new ideas have always been at the heart of Richmond's approach to education. In 2010 the university established a dual-degree program with X'ian University in China. Known officially as the "Sino-American 1+2+1 Dual Degree Program," Humboldt State's trans-Pacific project enables Chinese

students to study their freshman year at their native school, spend the two middle years at HSU, then return to China for their senior year and earn bachelor's degrees from both universities.

For Richmond, increasing access to higher education is imperative in deciding to undertake programs like the dual-degree program. During his tenure, the International Studies Program has expanded its recruitment efforts to attract students from all over the world. Similarly, HSU has increased its efforts in recruiting and providing support for former military personnel through the Veterans Enrollment and Transition Services office, earning recognition as a top school for military veterans for several years in a row.



DURING PRESIDENT RICHMOND'S time at HSU, the campus increased its emphasis on research by faculty and students. He has stressed that such research complements teaching and enriches the student experience. "I've been so impressed by the quality of what our faculty do for students here. I see students working closely with faculty and it really makes a difference in their lives."

Richmond has galvanized HSU's commitment to research and expanded opportunities in biology through his work and leadership with the CSU Program for Education and Research in Biotechnology. A look at the results puts Richmond's work in context: His leadership with CSUPERB helped secure more than \$42 million in grants for the study of stem cell research from the California Institute of Regenerative Medicine — or enough to fund 600 undergraduate researchers. This dedication led the faculty trustees of CSUPERB to create a new leadership prize and present the inaugural award to Richmond at his retirement reception at HSU.



FACING PAGE, TOP RIGHT: President Rollin Richmond and Principal Ron Pontoni talk at Cutten School. **TOP LEFT:** Professor Susan Marshall, Richmond and Professor Arne Jacobson attend the 2008 convocation. **CENTER:** Richmond meets with Associated Students members Foruat Ercole, left, and Victor Arredondo. **BOTTOM LEFT:** Richmond and former President Alistair McCrone preside over the ribbon cutting for the Behavioral & Social Sciences Building. **BOTTOM RIGHT:** Richmond tests out the campus's hydrogen-powered Toyota Prius.

On campus, Richmond's work with CSUPERB and CIRM has translated into \$1.6 million in funding to train motivated students for careers in the fields of stem cell biology and regenerative medicine.

In addition to his work with CSUPERB, Richmond has been involved in other areas that have systemwide impact. He has contributed to efforts like the Council on Ocean Affairs, Science and Technology, and the Agricultural Research Initiative. He has also served as the CSU representative on the California Council for Science and Technology.



President Rollin Richmond helps a student make a memorable photo during a commencement ceremony.

and mathematics at Arcata Elementary School through the United Way's Schools of Hope program. Speaking at President Richmond's retirement reception, Garry Eagles, Superintendent of the Humboldt County Office of Education, said, "I don't think there has ever been, nor likely will ever be again, another California State University president who will be able to match Rollin's deep commitment toward, and personal

involvement with young children, while at the same time providing strong capable leadership in the higher education arena."

“Together we have made substantial improvements in our curricula, shared governance and physical facilities. All of these changes have resulted in better experiences for our students, faculty and staff. I have enjoyed my years serving you.”

Another area where President Richmond has focused his attention is on enhancing the university's relationship with the community. Richmond promoted the establishment of the Office of Economic, Community and Business Development that fosters faculty and student partnerships with local businesses. Owing to the strong support from campus, the HSU office became the Small Business Association's regional center serving 10 Small Business Development Centers in Northern California.

"He's laid the groundwork for a really productive relationship. We've done a lot of things together that are little building blocks, which over time, really build the relationship," said Mark Wheatley, HSU alumnus and mayor of Arcata.

When the opportunity arises, Richmond blends his love of learning with community involvement: he's been active in the area chapter of the United Way and volunteers his time to tutor first and second grade students in reading

Richmond also championed the development of the California Center for Rural Policy to directly aid the North Coast by providing grant support, assistance with business development and policy research. Many observers credit Richmond for town-gown relations that are the strongest in decades. In addition, he has focused attention on the need to encourage alumni and others to support the university. He established a new Advancement Foundation, and under his leadership the campus endowment has more than doubled over the last decade. In 2006, the university established its first endowed chair—the Kenneth L. Fisher Chair in Redwood Forest Ecology.

Richmond helped steward Humboldt State through many years of state budget cuts, including the severe reductions during the most recent recession. At the same time, he was able to gain state funding for substantial physical improvements to the campus. Most notably, the campus completed the Behavioral & Social Sciences classroom building, the

Kinesiology & Athletics Building, and the College Creek Apartments. "The more I complained about the sorry state of the California budget, Rollin reminded me from the most challenging times come the most innovative opportunities and he was right," said Burt Nordstrom, former Vice President of Administrative Affairs at HSU.



PRIOR TO COMING to Humboldt State, Richmond was provost and professor at Iowa State University, and he previously served as a distinguished faculty member and researcher at numerous institutions. As an evolutionary biologist he won grants from the National Institutes of Health and National Science Foundation, and has published dozens of articles in his field. His honors include fellowship in the American Association for the Advancement of Science and Commonwealth Scientific and Industrial Research Organization (Australia), the University of South Florida President's Award for Outstanding Performance and Enhancement of Affirmative Action in Higher Education, and an honorary doctorate from Georgia Agrarian State University.

Richmond started his career in higher education at San Diego State University and credits David Jameson, Professor of Biology, with sparking his passion for genetics. Richmond would go on to earn his bachelor's degree in Zoology from SDSU and in the process found his love for research. As a work-study student, Richmond was searching for a job on campus when he approached Jameson about washing dishes in his laboratory. "After about two or three months Jameson could see I was really interested in the research he was doing, so he said 'we're wasting you washing dishes. We'll get someone else and you come do research with me.'" It was an auspicious transition: the pair spent four years working on genetics research, focusing on species ranging from fruit flies to tree frogs. That connection led to Richmond interviewing for a graduate studies position at Rockefeller University in New York, where he would eventually earn his Ph.D. Some 80 research papers later, to abandon his original major—he was a pre-med student—and focus on genetics research was the decision of a lifetime.

Now, at the end of a career in which he reached the top of his profession, Richmond, and his wife, Ann, are excited to continue living on the North Coast, splitting time between Humboldt County and the couple's Shelter Cove hideaway. Richmond's retirement from education might be a retirement in name only, as the seasoned educator is eager to continue strengthening the community and work directly with elementary school children. 

Highlights from President Rollin Richmond's Tenure

2004

- Initiated development of University's strategic plan

2005

- Advancement Foundation established
- California Center for Rural Policy established
- California State Student Association, president of the year

2007

- Humboldt Energy Independence Fund established
- Behavioral & Social Sciences Building opens
- Humboldt Aquatic Center in Eureka opens
- Sino-American Dual Degree Program established with Humboldt State University and Xi'an International Studies University

2008

- Participant in the Council on Ocean Affairs Science and Technology
- Kinesiology & Athletics Building opens

2010

- Campus achieves reaccreditation from Western Association of Schools and Colleges
- New Schatz Energy Research Center opens

2011

- Chair of President's Commission for CSU Program for Education and Research in Biotechnology
- Student head count reaches milestone 8,000

2014

- Recipient CSU Program for Education and Research in Biotechnology Leadership Award

YOUR STORIES

HSU alumni share their stories of life at Humboldt State



HSU's Centennial offers a great time to read the stories and share the pictures that made up YOUR Humboldt State experience. That's why we asked alumni to share their memories on the Centennial website. Some of the highlights are published here.

From tales of professors who changed lives, to clubs that helped build lifelong friendships, the stories you shared reflect the values that make Humboldt State a special place.

It's not too late to add your story and read more.

Visit humboldt.edu/100 to learn more.



FOUR GENERATIONS

Submitted by Molly Sherman ('07, EDUCATION)

HUMBOLDT CONNECTION: I am proud of my Humboldt State University heritage! Four generations of my family have graduated from HSU with degrees in Education. My great-grandmother, Nell Parrott (1), was a member of Humboldt State Normal School's third graduating class of 1917. Nearly 50 years later, my grandmother, Bernardita Ruiz (2), earned a degree in Elementary Education in 1963, followed by my grandfather, Robert King, in 1964. My parents, Lynda and Michael Mealue (3), graduated in 1976 and 1977, respectively. Following this long-standing tradition, I chose to attend HSU (4). I fell in love with my husband, Eric Sherman, in Harry Griffith Hall during a romantic Calculus 2 course. We both graduated in 2007. Each member of my family (except my husband) also completed HSU's credential program to become a teacher in the Humboldt/Del Norte County area. My grandparents, parents, as well as my husband and I were married while still attending HSU. The school has made it possible for my family to continue building our lives in this wonderful area. Words cannot express how much our Humboldt State heritage has meant to my family. In addition, I am happy to report that I am pregnant with the fifth generation of a potential HSU graduate, not that there is any pressure about what school she chooses to attend.



ABOVE: This is my great-great grandmother, Ada Parrott of Fortuna, on the right (with all her children). My great-grandmother, Nell Parrott King, a member of Humboldt State's third class, is in the middle. My great-aunt, Bertha, on the top left, graduated in the first class at Humboldt State Normal School.



Molly

Mark Cotright ('76, ART)

SPECIAL MEMORY: Reese Bullen. It's a name on a building to some but for me it's so much more. He became my mentor and unknown to me at that time his lessons influenced an ethic in me that holds true to this day. I had no idea that what he taught me would become my full-time profession in life for more than 40 years now.

I started out with ceramics in high school in 1969 in Long Beach, Calif., moved to Humboldt in 1971 and took a year and half of junior college at College of the Redwoods. I transferred as an Art student to Humboldt State in '73. I met Reese that

I did some property work for him as well as house sitting and helped him move from their close-to-campus house to one on the coast, near Trinidad. I ended up buying one of his kilns and he passed on his calligraphy and clay tools to me, as he got older.

He instilled a work ethic in me that is part of my everyday nature now, working through issues with clay or life with a focus and honest approach.

I learned much about glazes and firing and technique ceramics from him, but what I recall most was his great stories about life, love and war (he was on Oahu during the Pearl Harbor attack), and his jokes.

I chose to stay in Humboldt after school and have been here ever since making pottery for a living running Liscom Hill Pottery. You may see my ceramic work around the county but what you really are seeing is a student of Reese Bullen who is still working on the

knowledge he passed on to me.

Whenever I see his name on the gallery wall at HSU I'm so thankful I got to know him as the great man he was passing on lessons in life that still ring true today for me.

We called ourselves The Old College Try, and we sang on and around campus practically every day just for fun and to entertain whomever might be walking by us. In addition to various gigs off campus, we provided the banquet entertainment for the 1982 All Western Forestry Clubs Conclave, which was held at Humboldt.

Over 30 years since graduating, my Humboldt experiences remain central to who I am. I still work with trees, my major, and I'm also still singing barbershop. My favorite quartet of all time, The Old College Try, still reunites every now and then to sing again the old songs.

GO JACKS!



FAVORITE PROFESSOR: Dr. Saeed Mortazavi for his integrity, depth of knowledge and ability to teach. Soft spoken but very powerful. You didn't want to miss his class because it was always concise and full of critical information. - MILO DODDS, HSU ALUM



first quarter in ceramics, as that was my main interest in Art. Over the next decade I got to know him very well. I graduated in early 1976 with a B.A. in Art with as much ceramic work I could absorb and during that time had made friends with Reese and his wife, Dottie.

Paul Sheppard ('82, FORESTRY)

CLUBS & ACTIVITIES: Back in my Humboldt days (early 1980s), we had to complete an Emphasis Phase, which was a package of several courses outside your major that amounted to upper level general education, or almost a degree minor.

I majored in Forestry, but I discovered choral singing while at Humboldt, so I chose Music as my Emphasis Phase. While singing in various official Humboldt choirs, I was turned on to barbershop harmony and promptly found three other Humboldt guys to form a barbershop quartet.

Allison Sadauskas (Pasto) ('00, ENGLISH)

FIRST YEAR AT HUMBOLDT: As a high school senior from a tiny suburb of San Francisco, I was very much looking forward to leaving my home after graduation and beginning a new chapter of my life. After visiting several colleges in California, I decided on Humboldt State University.

I felt the small town atmosphere of Arcata, its location in the redwoods and the small class sizes would be a perfect fit for me. As I drove up to unload my car the first day at Redwood Hall, I was excited and nervous about all the new people I would meet and the task of making entirely new friends. But nothing could prepare me for the wonderful new people I met that first year at HSU. Not only did I become fast friends with my fellow third floor roommates, I also embraced my classmates and fellow students.

FAVORITE PROFESSOR: John Stuart in Forestry. He always asked why is a redwood better than a shrub? He put things into perspective from a relative point of view. He had so much knowledge in the coastal/Klamath regions of plant life. I see things so differently now.

- JENNIFER ANASTASI, HSU ALUM



Now, nearly 16 years later, I am even closer than ever to that "core" group of friends from my first year of college. We have traveled together, celebrated weddings, babies and many achievements. We would never have even met, let alone become friends, had it not been for HSU. I am eternally grateful to HSU for introducing me to these amazing people in my life.

Christina Castaneda-Hull ('06, POLITICAL SCIENCE)

FALLING IN LOVE: Steve Hull was the first friend I made at HSU. We started dating our freshman year and even worked together at HOP. He was a math major and I was deep into prepping for law school. We married June 25, 2010, the ninth anniversary of our first day as friends. At our wedding, both my maid of honor and his best man were our closest friends at HSU. Today we live in Oakland, happily married and still close to many of our HSU friends. At HSU, we not only built a solid educational foundation, but also friendships and a marriage for life.

Rick Hoffmann ('68, FOREST MANAGEMENT)

FAVORITE PROFESSOR/CLASSES: Dr. David Lauck and his Forest Entomology class changed my life. I was finishing my B.S. in Forestry and took the dreaded forest entomology class. It was difficult. He was demanding, but a magical teacher. I absolutely fell in love with the science. I went on to get a master's degree in Biology/Entomology, worked for 17 years in integrated pest management (IPM) on citrus insect pests for UC Berkeley and did some foreign IPM consulting in Morocco and Spain. I married a microbiologist studying viruses of stored product insect pests.

To Dr. Lauck, or his memory, thank you.

friends

LOVE

(& some bugs)



Deanna Chew ('93, MARINE BIOLOGY)

FAVORITE PROFESSOR/CLASSES: I had two, Dr. Rasmussen, my advisor, and Dr. DeMartini. They both influenced my path toward graduation. Dr. Rasmussen helped me by suggesting I get tested for academic challenges. Thanks to him, I got the assistance I needed for my learning disability. He was also very supportive in encouraging me to never quit on my dream of graduating with a Biology degree. Dr. DeMartini also encouraged me to learn word roots, which was a great skill in biology.

Daniel Mandell ('79, HISTORY)

CLUBS & ACTIVITIES: I started studies at HSU in the fall of 1975, after a year of living in Israel. There was no Jewish student group, so I started the Jewish Student Union and, with a small but great and active core, organized a series of activities.

The most amazing was the Passover seder that we organized the first year, in April 1976. We decided to invite any and all who wished to attend, so made it a potluck (no pork or bread, please), bought a large order of matzo and other necessities, and reserved the old Arcata Community Center with the hope that 25 or perhaps a few more might come. We were shocked when over 180 people packed the building. It became a transcendent evening.

JSU members scattered around the various tables so that, as we went through the ritual story of Passover and the symbols, all could (and did) feel involved. I have attended, organized, and run many seders since, but that remains the most meaningful and magical one, and it sealed my connection to the community. My work with the JSU was my first leadership experience, which has been helpful in life after HSU. But more important is the memory of that wonderful loving seder.

Allison Travis Bee ('85, POLITICAL SCIENCE)

FALLING IN LOVE: On June 18th, my husband, Allan Bee, and I will celebrate our 30th anniversary. He likes to add the two years prior, dating back to our first burger and beer in the Rathskeller. We initially met in the fall of 1980 as transfer students in the PoliSci presemester meeting. He seemed to be very clear about the path he wanted to take in life; I'm afraid I derailed him a bit. Though we both have graduate degrees from another college, our time at Humboldt laid the foundation for our relationship, which has endured all that life throws at two people over three decades and the bounty too, namely Carson and Lauren, our two beautiful kids. We are at the enviable stage of watching our kids go through college and thinking back to lively classroom debates, amazing professors, beautiful beaches, towering redwoods and those damned stairs to Founders Hall.

Happy birthday, HSU! You're always in our hearts.

YOUR PHOTOS

Part of the HSU community project to document your memories from campus included dozens of photos shared by you, HSU's alumni. Here are some highlights. As always, you can share your own and view more shared photos online at humboldt.edu/100.



Written by Robert W. Harris (BROTHER OF JAMES J. HARRIS, '38)

CLUBS & ACTIVITIES: Charles "Charley" Erb was the football coach at Humboldt State College during the Depression years. Known as "a master of firing up a team," he was Humboldt's first winning coach. In 1935, he learned that there was a group of Oakland and Bay Area high school graduates who had been outstanding football players in high school. Erb learned that the group met on weekends to play football for the love of the sport and arranged to get football scholarships for the team members to attend Humboldt. None of them would have been able to afford college on their own (less than five percent of the country at that time attended college). The scholarships enabled the football players to work parttime at a barrel factory in Samoa to earn their room and board.

With the addition of the new team members, the 1936 team beat San Jose State. They also defeated Chico State. They were remarkable wins as both colleges were much larger than Humboldt. The football team at the time was known as the Humboldt Thunderbolts.

During this era, there were no offensive and defensive teams. All players played on offense and defense, a full 60 minutes per game, if they were able.

During the Depression, segregation was widespread in the United States. The scholarship football players ate their meals as a group in a boarding house. In keeping with the time, the kitchen staff set a separate table for the two black team members. At that time, segregation was considered proper.

At the first meal, all of the white football players walked out of the dining room, in protest to having the black players separated. Thereafter, all of the players ate at the same table. This act was a tribute to the courage of the white players, as well as to Humboldt State College. They broke the color line decades before the rest of the U.S. The last of the Humboldt '36 team, James J. "Jim" Harris, passed away in 2011 at the age of 95.

Kate Goodenough ('00, MARINE BIOLOGY)

FAVORITE PROFESSOR/CLASSES: Dr. Dennis Walker was my general botany professor. He was tough as nails, but I learned more with him as my professor than any other class I took at Humboldt. His passion for plants drew me in and encouraged me to learn more.

CLUBS & ACTIVITIES: Field Biology Club and the Marine Mammal Education and Research Program were the two main groups I was involved with. They were the start to a very long career in field biology and coastal and marine research.

Parker Polluck ('63, '67, ECONOMICS)

CLUBS & ACTIVITIES: I was a member of Delta Sigma Phi, played varsity football for four years and taught first year econ as a graduate student. The fraternity was great fine men and to play on Humboldt's first undefeated

FALLING IN LOVE: Open mic night at Shakey's Pizza in Arcata, 1974. I was drinking a beer with friends from the KOA campground and my future wife was playing piano with a couple of guitarists. After chasing up and down the coast for a few years and hiking down to College Cove together, we got married for 33 years and have always remembered our romantic start in Humboldt and walking the North Coast beaches.

- GEORGE HEATH, HSU ALUM



team which amassed a 20-and-0 record over two seasons, albeit we lost by a point in the Holiday Bowl in 1960.

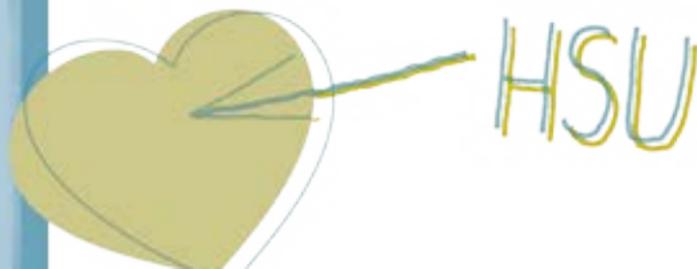
The teaching experience convinced me that teaching would be my career, which it was for 42 years.

Roger Bucholtz ('71, SOCIAL SCIENCES)

FIRST WEEK: I was one of the first groups to live in Humboldt Village by the Auto Shop. They put eight students to a trailer and in our first week, we had numerous water fights and got everything wet: ourselves and the inside of the trailer. One water fight on Friday night, we doused a bus full of high school students going to Redwood Bowl for a football game. The trailer complex flooded during the rains until they put in a central drain.

FAVORITE PROFESSOR/CLASSES: Dr. Raymond Barratt was the Dean of Science and when I petitioned to use my science classes for my Social Science degree he counseled me to get a minor in Botany. He even tutored me in the late afternoon on Organic Chemistry so I could pass Dr. Lovelace's Plant Physiology class. Dr. Barratt somehow got me accepted into Longwood Gardens in Kennett Square, Pa., for a summer program in horticulture, which included students from the most prestigious schools in horticulture like Cornell, Michigan State and Purdue. In the 20 years they had the program, I was probably the only Social Science major they ever allowed.

CLUBS & ACTIVITIES: I was involved with the Newman Club and the California Native Plant society.



HSU CAMPUS by the Names

By Dan Pambianco



WHAT'S IN A NAME? Contrary to the opinion of Shakespeare's Juliet, names can certainly hold significance. There's evidence of that in the buildings, rooms, houses and halls throughout the Humboldt State University campus. Prominent and often colorful individuals who helped shape the university over the last century are reflected in campus building names. History, honor and reverence are all represented (as is a certain lack of consistency in the naming decision process).

BALABANIS CREATIVE ARTS CENTER AND HOUSE 55 1

HOMER BALABANIS, FACULTY, DEAN, PROVOST, 1923-63



SOMETIMES REFERRED TO as "Mr. Humboldt," Homer Balabanis' association with Humboldt State spanned 68 years, from his arrival in 1923 until his death in 1991. His first duties included teaching French, sociology and economics, and he later served as Dean, Vice President, and as the university's first academic Provost.

Balabanis maintained close relationships with most of the students, often drawing upon his good nature and wit to deliver a lesson. One story relates his response to a student's own efforts at humor when taking a test just prior to Christmas vacation. After reading through the test and struggling for answers, the student wrote at the bottom: "Only God knows the answers to these questions. Merry Christmas!" When he received his graded exam after returning from the holiday break, he found Balabanis' message at the bottom. "God gets an A. You get an F. Happy New Year!"

House 55, occupied by the Balabanis family during his tenure at HSU, is currently home to Humboldt State's MultiCultural Center. The Balabanis Art Quad also honors his memory.

CHARLES FULKERSON RECITAL HALL 2

CHARLES FULKERSON, MUSIC PROFESSOR, 1941-77



DURING A TENURE spanning 36 years, Charles Fulkerson is perhaps best remembered for his expansion of the Humboldt Symphony, beginning in 1945. The orchestra numbered 60 musicians during the 1950s, and included a strong community contingent.

Fulkerson was a member of the Humboldt State College 1939 graduating class. Known as "Charlie F." by students, he was joined on the faculty by his wife, Jean, during the war years, a time when several instructors were serving in the military.

GOODWIN FORUM 3

EDWARD GOODWIN, HSC ADVISORY BOARD MEMBER, 1950-74, CHAIR 1968-73



NAMED IN 1974 for longtime alumni activist Edward Goodwin, the Nelson Hall meeting room was dedicated in his honor in 1980. Along with his service on the college's advisory board, Goodwin also spent time as president of the Alumni Association.

GIST HALL 4

ARTHUR S. GIST, PRESIDENT, 1930-49



FRIENDLY AND ACCESSIBLE, Arthur S. Gist made a point of trying to know every student on campus. He joined them for lunch in the Nelson Hall cafeteria daily, and often began college assemblies with the line, "I feel like a mummy—pressed for time."

Consistent with his good nature, Gist embodied a passion for teacher training and dedication to community relations. During his tenure, the university's third leader helped found both the Northern California Guidance Association, comprising public school administrators and counselors, and the Community Concert Association, sponsor of musical performances in Eureka, and other North Coast communities.

Built in 1933, the building bearing his name currently houses the student-run *Lumberjack* newspaper, KRFH radio station, performance theaters and a dance studio. In the 1930s, a metal playground slide offered an unusual alternative to the stairs on the south side of Gist Hall, originally built as the College Elementary School.

President Gist suffered a heart attack in November 1949, and retired the following June.

HARRY GRIFFITH HALL 5

HARRY GRIFFITH, EDUCATION PROFESSOR, 1939-66



RETURNING TO A HERO'S welcome following a three-year stint of military service during World War II, Harry Griffith quickly made the transition from U.S. Army captain back to Education Professor in 1946. Griffith established himself as a knowledgeable and likeable instructor after arriving

on campus in 1939. He assumed responsibility for teacher training and credentialing, taking over as dean of education in 1945 while stationed in Kansas.

"Griff" also coached the HSC basketball team to a 28-23 record during three pre-war seasons, and filled in as baseball coach for a single game in 1941, posting a 1-0 record.

Harry Griffith Hall was completed in 1963 and is home to the Education program and Child Development departments. Also located in the building is Environmental Resources Engineering, one of the largest programs of its kind in the country.

After being honored with the distinguished Outstanding Professor award in 1964-65, Griffith was again lauded in 1972 when the building was dedicated in his name.

FORBES GYM 6

JOSEPH FORBES, PROFESSOR AND COACH, 1946-72



JOSEPH FORBES HEADED NORTH from Los Angeles during the 1945 holiday break, intending to take his family on a visit to Humboldt State College, a school “just north” of San Francisco that had recruited him as potential faculty. His destination’s actual location wasn’t the only surprise in store for the future professor, coach and administrator.

“A tour of the campus (it took 10 minutes in those days) revealed that the stadium was only partially completed, with no bleachers and no sign of turf,” Forbes recalled, in his *History of Athletics: Humboldt State College*. “The track was a mass of sub-surfacing boulders, and the only structure for physical education was a leaky little gym.”

Despite Forbes’ first impression, then-interim President Homer Balabanis managed to convince him to take the head football coach position. He served as coach, professor and administrator until retiring in 1972.

Forbes Gym, previously home of the Lumberjack basketball and volleyball teams, is now serves as a training facility for HSU athletics and hosts various classes.

KARSHNER LOUNGE 7

DON KARSHNER, DEAN OF STUDENTS, 1936-71



AS AN ADVOCATE of the student’s overall development, Don Karshner worked to add enjoyment and unique experiences to the campus. He, Kate Buchanan and Art Dalianes created the concept for a student activity center on campus.

Karshner created and taught classes in radio, leading to the development of the KHSC radio station. When its successor, KHSU, launched in 1982, Karshner’s wife, Gayle, threw the switch that sent the signal across the airwaves.

As is the common case for deans of students, Karshner occasionally found himself confronted with a difficult student situation. One example came during homecoming activities when a community member and alumnus called, complaining that students had stolen his privy. Upon investigation, Karshner found the outhouse stacked upon the top of what was poised to become the annual celebratory bonfire.

KATE BUCHANAN ROOM 8

KATE BUCHANAN, ASSISTANT ENGLISH PROFESSOR, ASSOCIATE DEAN OF STUDENTS, 1946-68



ALWAYS THE FORWARD-THINKER, Kate Buchanan was influential in campaigns that led to the creation of a university center, an organization that supported older, single women returning to college, and the overturning of a rule banning women from wearing slacks on campus.

NELSON HALL 9

HANS NELSON, CALIFORNIA STATE ASSEMBLYMAN AND SENATOR, 1912-1931

OVERCOMING AN UNENTHUSIASTIC GOVERNOR and an unsupportive board of education, state legislator Hans Nelson championed the establishment of Humboldt State Normal School and defended it when its short existence was threatened.

Nelson, a resident of Eureka, observed the shortage of teachers in remote Humboldt County, and in his role as a state assemblyman acted to address his constituents’ need. In December 1912, he introduced Bill 313 in front of the California Legislature. On June 12, 1913, the bill passed, establishing Humboldt State Normal School.

Amidst the tough economic times of the early 1920s, the legislature reconsidered its decision to further subsidize the school, which had been called a “mistake” by the state board of education. Stoic in his support, now-Sen. Nelson encouraged the funding of the college’s first permanent building, Founders Hall. He had to wait three years to see the construction realized.

In 1939, the California Legislature approved the construction of a men’s and women’s dormitory.

Nelson’s efforts would come full circle when, in 1979, the building was officially named Nelson Hall East & West. The building now houses offices for Student Affairs and Humboldt Alumni.

REESE BULLEN GALLERY 10

REESE BULLEN, ART INSTRUCTOR, 1946-66



DURING HIS 20-YEAR TENURE, Art Instructor Reese Bullen developed and taught classes ranging from pottery to calligraphy, and nearly every medium in the spectrum. Credited as one of the forces behind Humboldt State becoming a prominent arts college, Bullen brought the first major art festival to campus when he convinced Bay Area artists to display in 1947.

SCHATZ ENERGY RESEARCH CENTER 11

LOUIS SCHATZ, PRESIDENT AND OWNER OF GENERAL PLASTICS MANUFACTURING, 1941-1989



NAMED FOR THE MAN whose estate funded its development, the Schatz Energy Research Center works to establish clean energy technologies, specializing in renewable energy, energy efficiency and hydrogen energy systems. The lab employs a mix of professionals and students enrolled in the Environmental Resources Engineering program.

Engineers from the Schatz Lab caught the nation’s attention when they developed the nation’s first street-legal hydrogen fuel cell-powered car. Currently, Schatz researchers are in the process of identifying the most efficient and cost-effective locations for electric vehicle charging stations in Humboldt County.

Louis Schatz was an advocate of hydrogen energy research and worked closely with Humboldt State in the creation of the Schatz Energy Research Center. Schatz received an honorary doctorate from HSU in May 1994 for assisting the Schatz Lab and other campus programs, and his estate created the only building on campus fully funded by a donor. Schatz passed away in 2001 at the age of 89.

SIEMENS HALL 12

CORNELIUS (NEIL) SIEMENS, PRESIDENT, 1950-73



STANDING IN FRONT OF the California Legislature in 1950, newly appointed Humboldt State President Cornelius “Neil” Siemens made a bold request. The college desperately needed funding for both a field house and swimming pool, he said, imploring the body’s support for both projects.

The answer, following a round of bemused chuckling, was a resounding “No.” Legislators directed Siemens to choose the most important project for the group’s consideration. Unshaken, Siemens responded, “Would you ask a woman wearing a two-piece bathing suit which part she could do without?”

Both projects were approved.

Siemens assumed the presidency of a small college with 57 faculty and 650 students operating on a half-million dollar budget. The campus had just five permanent buildings. Twenty-three years later he retired from a university with a faculty of 500, more than 7,000 students, an operating budget of almost \$16 million and a campus featuring 70 buildings, 30 of which were permanent.

Prior to arriving at Humboldt State, Siemens taught mathematics at San Diego State and served as President of Compton College. He earned his Ph.D. at UC Berkeley.

HUMBOLDT STATE UNIVERSITY



Siemens Hall currently houses the School of Business, which offers concentrations in accounting, finance, international business, management and marketing, and a one-year MBA program focusing on sustainability and entrepreneurship. Also located here are Graduate Studies, the Center for International Programs, and the offices of the President and Provost, as well as the Economics Department.

SWETMAN CHILD DEVELOPMENT LAB 13

RALPH SWETMAN, PRESIDENT, 1924-30



ASSUMING LEADERSHIP OF THE SCHOOL in 1924, Ralph Swetman held the presidency for a short but active six years. His greatest passion was children's access to an education, one he pursued by emphasizing the training of skilled teachers.

Swetman raised the academic standards at Humboldt State College by introducing a grade point average system, an academic probation system, and an honor roll. He also raised qualifications for full-time faculty, requiring possession of a master's or doctorate degree from a recognized university, motivation and aptitude to do research, and a willingness to teach elementary grades or adult extension courses.

TELONICHER HOUSE & THE FRED TELONICHER MARINE LABORATORY 14

FRED TELONICHER, COACH AND BIOLOGY PROFESSOR, 1923-63



LONG-TIME FOOTBALL AND basketball Coach Fred Telonicher was also an excellent teacher. Students from his physiology classes went on to excel at various medical schools. Telonicher's efforts helped Humboldt gain a strong reputation for its premed program.

Now his name is found on the Telonicher House, occupied by the Department of Communication, and the Fred Telonicher Marine Laboratory in Trinidad, Calif. Completed in 1966, the lab underwent a massive upgrade in 2011, which included upgraded classroom facilities and wet lab for undergraduate and graduate research.

During his time at HSC, Telonicher worked closely with his wife, and helped launch the wildlife program.

VAN DUZER THEATRE 15

JOHN VAN DUZER, SPEECH AND DRAMA PROFESSOR, 1937-68



VAN DUZER INSPIRED STUDENTS of all ages during his 31 years as a speech and drama professor. His early years included organization of a music appreciation program for children presented via KIEM radio. During the 1940s, Van Duzer also served as the chief resident of the Nelson Hall West men's dormitory.

Named for him in 1975, the Van Duzer Theatre is the largest in the area. With more than 800 seats, it has served as performance venue for national and international artists.

The building also houses the Department of Theatre, Film, & Dance and KHSU-FM, the university-licensed public radio station.

VAN MATRE HALL 16

NELSON BLIEAU VAN MATRE, PRESIDENT, 1913-1924



ORIGINALLY THE CAMPUS LIBRARY, the building adjacent to Founders Hall was named for Nelson Blieau Van Matre, the first president of Humboldt State Normal School. Upon completion of the new library, it was remodeled to serve as an engineering building in 1962.

Van Matre had attended Dixon College, Northern Illinois College of Law, and the University of Chicago, where he earned a doctorate in education.

He and his wife moved to Arcata to a home (which is still standing) on the corner of 10th and I streets. He busied himself immediately with establishing curriculum, recruiting students, and choosing faculty for the opening of school in April.

Information Technology Services is the current occupant of Van Matre Hall.

JOLLY GIANT COMMONS 17

WHO IS THE GIANT, and why is he/she jolly? That question remains unanswered.

Many of the 2,000 students who live on campus study, socialize, and sometimes sleep in the building known as Jolly Giant Commons, more often the "J." The building is the centerpiece of a 1968-69 construction project that included eight new dormitories.

The building's name comes from the nearby stream and the geological features, Jolly Giant Creek and Canyon. That still leaves the question: How did the creek and canyon get their names? Perhaps it was a vegetable salesman. 🍷

SOURCES: Tanner, William, *A View from the Hill*, 1993. Forbes, Joseph M., *History of Athletics: Humboldt State College, 1914-1968*, 1968., Davies, Sarah M., *A History of Humboldt State College*, unpublished M.A. thesis, Stanford University, 1947.

Photos from HSU's Centennial Year

Humboldt State's yearlong Centennial celebration comes to an end with the New Century Class' commencement ceremonies on May 17. Here's a look back at the events and celebration that have marked the anniversary.



TOP: Tapuni ('54, History), left, and Maryanne loelu, don spirit wear for HSU's Centennial Homecoming & Family Weekend. LEFT: Visitors celebrate during the HSU Centennial Birthday Festival on the Arcata Plaza. CENTER: A Lucky Logger bobblehead figurine is seen with a flight of specialty Centennial beers crafted by local breweries. RIGHT: Student volunteers decorate a centennial-themed entry in Arcata's Pastels on the Plaza event.



BOTTOM: Participants depart from the Human 100 photograph. **TOP, CLOCKWISE FROM RIGHT:** Artist Mike Craghead works on his Lucky sculpture for the Manila Friends of the Dunes Sand Sculpture Festival. • A future lumberjack shares what she wants to be when she grows up during the HSU Birthday Festival on the Arcata Plaza. • Big Axe Ale and Tin Pants Ale were two special batch beers created by local breweries. • Participants share a toast during a stop on the Centennial Roadshow. More than 24 roadshows were held from Hawaii to New York. • Students perform in *Humboldt Unbound*, a student-devised play that told the life story of Alexander von Humboldt.



TOP: Fireworks burst above Redwood Bowl following the football game at Homecoming & Family Weekend. **LEFT:** Students don their Lumberjack beards while enjoying the homecoming parade. **CENTER:** Students showed their HSU spirit with face painting during Homecoming & Family Weekend. **RIGHT:** Marching Lumberjacks band members grab some eats at a barbecue following the homecoming parade.

Art Professor, Students Ready New Ceremonial Mace

ART STUDENT KIERSTON Travis-McKittrick ('13, Art) used a paintbrush to wet pack green enamel into the words "Humboldt State University." Then, she placed the metal piece into a kiln, where it would undergo three high-temperature firings.

She was using an ancient enameling technique called *champlevé* to create just the right shades of green and gold for the university's new ceremonial mace.

"There are literally hundreds of colors to choose from," Travis-McKittrick explained. "What I'm trying to do is find a consistent match."

She and fellow honors student Kasey Jorgenson ('13, Art) are part of a group of students working with art Professor Kris Patzlaff to create the new ceremonial mace as part of HSU's Centennial Year. It will be unveiled soon and used at campus graduation ceremonies starting this spring, held aloft at the front of the procession by a faculty member given the honorary title of, appropriately, "Mace Bearer."

Patzlaff is one of many faculty members, students and staff from around campus who have taken on special projects to help honor HSU's Centennial Year.

"What I wanted to do was create something that represents the history and values of the university and also the exquisite natural setting of Humboldt," says Patzlaff, who specializes in jewelry and small metals.



TOP: Professor Kris Patzlaff works with students while preparing a new mace for use in commencement ceremonies. **BOTTOM LEFT:** A sketch of the commencement mace. **RIGHT:** Color samples from Patzlaff's design process.



of sustainable materials, including recycled metal and unleaded enamel.

Jennifer Slye Moore, an administrative assistant in the art department, is crafting the shaft and art alumnus Roger Durham is constructing a chest to hold the mace.

"It will reflect all that Humboldt State stands for, as well as the hard work of our past and current students and staff," Patzlaff says. "I'm excited to have this be my contribution to a place that is so special to my students and me."

Patzlaff began researching the piece last year, incorporating materials and themes that represent HSU's identity and commitment to sustainability.

The final design consists of a redwood shaft adorned with six rings representing the university's six presidents. A silver body bears the university seal and the seal of California. There is also an abstract representation of the redwood forest and a section showcasing the half oval windows from Founders Hall.

The top of the mace includes three buttresses, representing the university's three colleges. The buttresses are adorned with a ring of gold—donated by HSU alumni. The mace is topped with a glass sphere representing Earth and HSU's commitment to sustainability.

"The entire shape represents a torch, which symbolizes enlightening students through their educational experience at HSU," Patzlaff explains.

The mace is also constructed

New Recessional to Usher Graduates to Their Futures

WHEN PROFESSOR GIL Cline sets out to compose a piece of music, there's no telling when inspiration will strike.

"Sometimes it takes weeks, sometimes months," says Cline, who was recently asked to compose a new commencement recessional for HSU's Centennial celebration.

"You have to let the theme come to you and you never know when that's going to happen," says Cline, who teaches courses in studio trumpet and horn and directs the university's brass ensembles.

Cline's theme came to him while recording a CD for HSU's baroque trumpet ensemble. "I was rehearsing and a melody popped in my head," he says. Cline assigned the melody to the trombones and from there, the notes began to fall into place.

Cline's recessional is inspired by sounds from campus. The university's bell tower, the HSU fight song and the Arcata noon siren are all featured prominently. He also incorporated musical genres from the last 10 decades leading up to HSU's Centennial.

"My goal was to use themes that relate to campus and Arcata," says Cline. "My hope is that it will be heard by generations to come."

"Sempre pro Veritas" or Always for Truth will premiere May 17 in Redwood Bowl.

As for the name, Cline says: "As a professor, one of my responsibilities is to speak the truth as I know it. To me, this piece is the truth of the centuries."



Gil Cline composed a new recessional, "Sempre pro Veritas" to usher students through the New Century Class commencement ceremonies.

H.S.U. CENTENNIAL FLOURISH



Humboldt Flies New Flag

ON THE FIRST day of classes for the spring semester, HSU raised a new flag as part of the ongoing celebration of the university's Centennial Year. A smaller version of the flag first appeared briefly on the Arcata Plaza last August, when the campus kicked off its yearlong celebration.

The flag contains traditional elements from Humboldt State history, primarily the "Block H" and the two tones of green. It also features colors and graphics, like the circle around the H, which fit with the modern look of the university.

The old flag has been retired, and sent to the Library's Humboldt Room for archiving.





Submitted

Sue Van Hook: Fungi Innovator Breaks the Mold

FROM THE MEDICINAL to the edible, mushrooms are known for having a variety of uses. Now, add to that something you probably never considered: environmentally friendly building and packing material.

Sue Van Hook ('77, Botany, '85, M.A. Biology) is chief mycologist for Ecovative, a New York company that's developed an innovative way to turn backyard fungi into biodegradable material.

The secret? Combining mushroom mycelium with agricultural waste such as plant stalks and seed husks. In a process akin to fusion, the mycelium of the mushrooms naturally bind to the agricultural waste, creating a solid block of material.

The result? A durable, cost-competitive alternative to conventional plastic and Styrofoam that can be molded into anything from insulation, to car bumpers to surfboards. "It's the natural, renewable alternative to synthetic material," Van Hook says.

At Ecovative, Van Hook is responsible for collecting, preserving and harvesting mushroom species for daily use. She also

participates in the research and development of new products and educates Ecovative employees and the public about the types and properties of fungi. "My purpose on this planet is fungi," she says.

But it wasn't always that way. In fact, Van Hook transferred to HSU her sophomore year with no direction. That all changed when she took a class with Professor David Largent, who helped develop HSU's Botany program and the university's specialization in mycology. "He took me under his wing and fostered my interest in mushrooms," she says.

In the five years since its founding, Ecovative has earned numerous industry awards, licensed its protective packaging to Sealed Air, and broken the mold with things like its Tiny House—with insulation grown of mushrooms—and the world's first mushroom surfboard.

For Van Hook, nothing beats working for a company that's literally changing the way business is done. "We have a triple bottom line—people, planet and profit," she says.

Submit a class note: humboldt.edu/classnotes

or email: alumni@humboldt.edu

Class Notes

1960s

LEONARD ASKHAM, 1963, Forestry, is Professor Emeritus in the Colleges of Agriculture, Science and Graduate Faculty at Washington State University. Askham has produced 150 peer reviewed scientific journal publications, proceedings, books, book chapters, popular articles and education videos. His research includes environmental toxicology, pesticide efficacy and environmental fate population dynamics and alternate pesticide management strategies. He holds two patents and one federal pesticide registration for the first biochemical bird control repellent for agriculture. Askham is a member of Xi Sigma Pi, Sigma Xi, the Society of American Foresters, the Society for Range Management and the Northwest Science Association. In 1987, Askham was a representative on African Agricultural Rodent Control for the European and Mediterranean Plant Protection Organization/Food and Agricultural Organization of the United Nations, in Rome. He is also the founder, president and CEO of Bird Shield Repellent Corporation with offices in Pullman, Wash., and San Francisco. He is the father of three, grandfather of six, and great-grandfather of 10.

DARVIN DESHAZER, 1972, Biology, is Chairman of the Science Department at St. Vincent High School in Petaluma, Calif., and for over 20 years has taught Biology, Physics, Chemistry and Honors Chemistry. Professor David Largent guided his scientific training. He was one of the cofounders of the Sonoma County Mycological Association (SOMAmushrooms.org) and serves as its science advisor. His expertise in mushrooms stems from more than 30 years in the field and has published over 5,000 color photos of fungi at MushroomObserver.org. Deshazer has coauthored several publications about fungi, including 100 Edible Mushrooms. He teaches workshops in mushroom identification, truffle ecology and fungal microscopy.

GARY JOSEPH STEBBINS, 1972, Wildlife, has reentered the world of public education as principal of the Greenville, Calif., and Taylorsville, Calif., elementary schools after a career in public education as a teacher and administrator, and then professor of Educational Leadership at San Jose State University. Stebbins and his wife, Maureen, (a Humboldt alumna) built their retirement home at Lake Almanor, Calif., with the help of family. Stebbins enjoys his "born again" role as principal and Maureen also volunteers at the schools several days a week.

SAMUEL M. NAVAREZ, 1975, History, is getting ready to retire after 38 years of teaching history and other social science classes. Navarez has taught for the last 25 years in the Gilroy Unified School District at both the middle school and high school levels. He is currently teaching at an early college high school, called Dr. TJ Owens Gilroy Early College Academy, which opened in 2007. Navarez has been married to a wonderful lady for the last 34 years and together they have three grown children, Crystal, Michael and Aaron; two are married to wonderful people. Navarez and his wife, Sally, are also raising their 5-year-old grandson.

ED SCANTLING, 1979, Kinesiology & Recreation Administration, is in his eighth year as Dean of the College of Education at the University of Nebraska at Kearney. Scantling appreciates greatly the education he received at HSU, which created a strong foundation for a wonderful career as a teacher, coach and university administrator. Scantling and his wife, Eve, have two daughters, Hilarie and Ashley, and two granddaughters, Izabella and Gabbie.

EMILY KRATZER, 1976, Journalism, accepted a buyout offer in 2012 during a round of Gannett Company layoffs. While enjoying retirement, Kratzer now volunteers with WCTV.us, community access TV, among other things.

JAMEY BRZEZINSKI, 1978, Art, recently retired from teaching after a 32-year career as a professor of Studio Art for various California colleges and universities. For the last 20 years he taught for Merced College, chairing the Art, Music, and Drama departments for 12 of those years. Brzezinski was the editorial cartoonist for *The Lumberjack* from 1977 to 1978 and Northern California editor of *Artweek Magazine* from 1991 to 1992. He lives with his wife, also a retired art professor, in Pacifica, Calif. He spends his time making art, playing jazz ukulele and bass, writing, and curating art exhibits for the California State Court Building in San Francisco.

1970s

STEVE BRUDNEY, 1970, Philosophy, might just have the first Bachelor of Arts degree in philosophy. About the same time Brudney refused induction into the war in Vietnam. Later he earned Master of Arts in philosophy at UC Davis. Brudney wrote to 263 community colleges, found eight openings, got one interview, and was not hired. Instead, Brudney worked at Pacific Lumber Company for 19 years and then for the county. Now he's writing a book on Christian fundamentalism. He draws from decades of experiences with fundamentalists, his training in philosophy, and over 33 years studying Bible scholarship, the historical Jesus, Christian beginnings, and the formation of the New Testament.

1980s

TRACY JORDAN FRENCH, 1983, Geography, is the administrator of United States Servas, a nonprofit membership organization fostering understanding of cultural diversity through a global person-to-person network promoting a more just and peaceful world. Servas hosts and travelers are located in more than 120 countries worldwide.

M. Allen Northrup

A Trailblazer of Personalized Medicine



Submitted

WHEN IT COMES TO the future of health care, M. Allen Northrup ('81, Biological Sciences) is a firm believer in personalized medicine.

Northrup is a biomedical engineer in the highly specialized fields of microtechnology and microfluidics, where he develops technology and fluids on a microscopic scale.

His most recent project: a miniature chip that would allow patients to test their blood from the privacy of their own

home. "Imagine being able to monitor your own response to chemotherapy for breast or prostate cancer," Northrup says. "The trend in personalized medicine is heading that way."

In a career spanning more than 30 years, Northrup has been the inventor on 54 issued patents. For his contributions to the field of biomedicine, he was recently inducted into the Lawrence Livermore National Laboratory's Inventors Hall of Fame and the National Academy of Engineering.

After earning a Ph.D. in Biomedical Engineering from the University of California, Davis, Northrup collaborated with a team that invented the polymerase chain reaction (PCR)—a technique that won the 1986 Nobel Prize in Chemistry.

PCR is a revolutionary technique for quickly copying DNA that has been used to map the human genome. Northrup took that technology a step further by transferring PCR to a microfabricated chip, creating what he calls a "mini DNA copying machine." Today, a derivative of his PCR chip has been commercialized and is used in everything from paternity tests, cancer diagnostics, biowarfare agent detection, and in the detection of infectious diseases such as tuberculosis and sepsis.

These days, Northrup spends his time advising small and large companies on biodetection, business and intellectual property. He also mentors and advises young entrepreneurs.

Northrup co-founded two microtechnology companies—Cepheid in 1996 and MicroFluidic Systems in 2001. In 2000, while at Cepheid he invented an Anthrax detection system that is used by the U.S. Postal Service.

For Northrup, it's a way to give back, while staying involved in a field he loves.

"There's a lot of potential for innovative technology out there," he says. "It's just a matter of finding it."

RON MILLER, 1983, Forest Management, is a supervisory forester on the Fort Apache Indian Reservation in Arizona. His 30-year career has included working for the U.S. Forest Service, the Bureau of Land Management and the Bureau of Indian Affairs. Miller has published articles in both *American Forests* and the *Journal of Forestry*. He is also the nominator of the largest Chihuahuah pine in the United States. Recent travel includes time in Costa Rica and Panama in Central America and Ecuador and Peru in South America.

CYNTHIA RAWLINGS (previously Rawlings Rohde), 1983, Art, received Citizen of the Year recognition from the Bay Area Chamber of Commerce in 2013 for organizing the Downtown Coos Bay Wine Walk. Since 2007, the event has earned more than \$130,000 to support local nonprofit organizations including Coos Art Museum and the Egyptian Theatre Preservation Association. Rawlings has lived in the Coos Bay-area since 2001 and has worked at *The World* newspaper for nearly eight years. She was president of the Bay Area Rotary club in 2010-11.

LEONARD A. BRENNAN, 1984, Wildlife, has been a professor at the Caesar Kleberg Wildlife Research Institute, at the Texas A&M University, Kingsville, since 2001, where he holds the C.C. Winn Endowed Chair for Quail Research. Brennan teaches graduate classes in Ecosystem Function and Models in Wildlife Science. His past positions include Director of Research at Tall Timbers Research Station in Tallahassee, Fla. (1993-2001), and small game research scientist at Mississippi State University (1989-1993). He served terms as editor-in-chief of *The Journal of Wildlife Management* (2001-2002) and *Wildlife Society Bulletin* (2012-2013). Since graduating from HSU, Brennan has published more than 160 peer-reviewed articles, five books and more than 100 extension articles.

KEN HANSEN, 1984, Natural Resources, retired in 2012 after 25 years with the National Oceanic and Atmospheric Administration's Office of Law Enforcement, in Kodiak, Alaska, where he supervised fisheries law enforcement activities in the Central and Western Gulf of Alaska and the Bering Sea. Currently he is conducting fisheries research projects. He also operates a home business, Kodiak Bones and Bugs Taxidermy, which uses flesh eating beetles to clean animal skulls, as well as selling the insects all over the world. With his wife, Deb ('85, Natural Resources), they raised two boys on Kodiak Island.

MARK D. CHILDRESS, 1985, German and Political Science, is terminology manager in the language services team at SAP, the world's largest enterprise software company. SAP's multilingual term management approach is well regarded, resulting in invitations to teach and lecture in places as diverse as Ireland, Poland, Russia, South Africa, India, and Kazakhstan. Although Childress is a native English-speaking American, he was elected president of the German Association for Terminology (Deutscher Terminologie-Tag), a nonprofit organization that promotes the use of the German language

in terminology work and provides consulting on best practices in term management. Childress lives near Heidelberg, Germany, with his wife and their two teenage children.

JULIE KING (née Reich), 1985, Music, went on to earn a master's degree in music (choral conducting) but pivoted her career to the nonprofit sector. King is currently vice president of Nonprofit Professionals Advisory Group and engages in executive search as well as advising nonprofits on capacity building. She also serves on the Board of Directors of BeadforLife, a social enterprise serving women living in extreme poverty in Uganda. King and her husband, Chuck, live in Redwood City, Calif., where Julie rows on Bair Island Aquatic Center's competitive crew team.

ROBERT M. DANNO, 1986, Education, is currently a National Park Service Ranger and federal whistleblower who has written a new book, *Worth Fighting For: A Park Ranger's Unexpected Battle Against Federal Bureaucrats & Washington Redskins Owner Dan Snyder*.

MELISSA MILLER, 1986, Natural Resources Planning & Interpretation, is currently an instructional coach at an elementary school on the Fort Apache Indian Reservation in Arizona. Since graduating from Humboldt State, she has earned a post-bacclearate and master's degree in Education. Melissa has applied her diverse educational background in a Montessori setting and working with Native American students in public school. She also currently enjoys living in the White Mountains of Arizona.

MEG GODLEWSKI, 1987, Journalism, was nominated for the National Flight Instructor of the Year award, which recognizes the top 20 flight instructors in the United States. Godlewski also writes for national and international aviation magazines and is still in touch with the marching band and plays drums to this day.

1990s

JANA RIVERS-NORTON, 1991, English, is now a tenure-track, full-time English instructor at Cochise Community College in Nogales, Ariz., after graduating with a Master of Arts degree in English from Humboldt State in 1991. Rivers-Norton also earned a Doctorate in Human Sciences at Saybrook University in 2002.

ALLISON CASTNER, 1994, Theatre, Film & Dance, has been teaching drama at a K3-12 grade Christian school in the San Fernando Valley for the last 18 years. Castner writes that she is grateful that Humboldt's Theatre Arts program allowed her to take a wide variety of classes. In a small school, the drama program director is the play producer, director, technical director, production stage manager (training new stage managers every show), scenic designer, lighting designer, sound designer, props procurer, costume procurer, publicity

Nathalia Holt

Telling the Story of a Miracle Cure

IN 1996 AND 2008, two men were famously cured of HIV. Their stories reached millions, inspiring HIV patients around the world and spurring new ways of treating the disease. But years later, what have their stories taught us? And are we any closer to finding a lasting cure?

Award-winning HIV researcher Nathalia Holt ('02, Biology) answers those questions in her new book, *Cured: How the Berlin Patients Defeated HIV and Forever Changed Medical Science*.

Holt draws on interviews with patients, doctors and her own experience as a research scientist at the Ragon Institute in Boston to explore the cases of Christian Hahn, who was cured of HIV with early drug therapy and an experimental cancer drug, and Timothy Brown, who was cured with a stem-cell transplant. Both men are still HIV-free.

Brown, the more famous of the two "Berlin patients," received a transplant to treat leukemia related to his HIV in 2007. In doing so, doctors gave him an entirely new immune system that was resistant to the virus.

Brown's donor had a unique gene mutation—called CCR5-delta32—that protects a small number of people from HIV. The gene combination responsible for complete immunity is present in about one percent of Caucasians.

"This gene is pretty much the appendix of human proteins," explains Holt, whose work focuses on the gene. *Cured* examines what Brown's story and other recent breakthroughs mean for the future of HIV treatment.

"What's most fascinating to me from all of this that the 'Berlin patients' were cured by physicians who didn't come from big research labs or clinical trials," Holt says. "They passionately wanted to help their patients and did something radical that actually worked. Their work has gotten a lot of people talking about a cure and that's what's so exciting."



Photo Courtesy of StephiStevensPhoto



Bill Stanley

Curating a World Class Collection



Submitted

ELBOWS-DEEP IN A SOUPY MIXTURE of maggots and rotting flesh, Bill Stanley ('86, Biology, Zoology, '89, M.S. Biology) found his life's passion.

"My first day volunteering (at the HSU Vertebrae Museum), I pulled the lid off a barrel and found a sea lion flipper sticking out of this goop," Stanley said. "I spent the rest of the day scraping it clean. I never looked back from that experience."

Stanley has traveled a long journey from the day he discovered a "group of long-haired freaks" eviscerating whale skulls behind Humboldt State's research lab to the Serengeti plains of Tanzania. That's where he recently was, fulfilling one of his roles as a Director of Collections at the world-renowned Field Museum of Natural History, in Chicago.

He's familiar with the sights, having spent most of his childhood in Kenya, where his family moved in 1968. It was a career move for his father who was employed by Bank of America, and as it turned out, also for his son.

"When I was growing up, we hunted for food," Stanley said. "That's where I first developed my love of natural history."

Stanley's impact on the study of natural history has been significant, expanding the knowledge base on several species while introducing the scientific community to previously undiscovered mammals. Last summer, Stanley identified a new species of hero shrew, which he named for Thor Holmes ('80, Biology), one of his former instructors and collections manager at HSU's Vertebrate Museum.

His focus has shifted over the years, from larger animals to bats and rodents. "It's easier to discover new species of rodents because nobody wants to look at them," he said.

The greatest challenge for the next generation of mammal researchers may be communicating with the masses, Stanley said. "There is a trend of distancing ourselves from nature. Kids don't play with a frog, getting their hands all over it," he said. "If you're trying to stay safe from something, you're not paying attention to its health."

crew, house manager, and trainer of all the actors and technical crew, usually with less than three days for tech week.

JASON W. COOLEY, 1994, Biological Sciences, is currently a professor of Chemistry at the University of Missouri.

ANDREW JENSEN, 1996 and 2000, Fisheries Biology, and Melanie Jensen, 1996, Wildlife Biology, met in an Ichthyology class in 1992. Then 10 years passed and they bumped into each other in a grocery store in Santa Rosa, Calif., and exchanged phone numbers. After a year or so they got together for dinner, spent several months becoming friends, and got married in 2004. Andrew now works as a senior environmental scientist for the California Department of Fish and Wildlife working on anadromous fish restoration, and Melanie works for PG&E in the Gas Service Engineering Department. They settled in Redding, Calif., and have two daughters and several pets. In September 2013, they visited HSU and showed their girls where they had met, and let them run around on the soccer field near the Fisheries and Wildlife Building. Andrew writes that HSU was a wonderful place to go to college, and hopes their girls will pick HSU for their college education. Interestingly, Melanie's mother, Dolores Mattax, and aunt and uncle, Patricia Mattax and Jim Ingram, also attended HSU in the early 1950s. Patricia and Jim ended up getting married, and Jim is in the Hall of Fame as a football player and coach for HSU.

NICOLE (D'VIRGILIO) JOSSELYN, 1996, Nursing, graduated from UCSD/SDSU's nurse-midwifery program. Josselyn currently runs a small, home-based practice, Exodus Homebirth Service. She lives in Iowa on 21 acres of grass with her husband, (who works for Deaf Missions as a video producer) and five home-educated children, two of which were adopted from Liberia. She and the family are learning how to sustainably grow their own food and love their cows and chickens.

DAVID E. MCLEAN, 1996, Biological Sciences, is the current president of the Vermont State Dental Society and a delegate to the American Dental Association. McLean earned his Doctor of Dental Surgery in 2000 and now lives in South Burlington, Vt.

KRISTI BORING SHELTON, 1996, Environmental Resources Engineering, worked for Montgomery Watson (now MWH) from 1996 to 2006 in the Federal Unit in Sacramento. Her work included groundwater and soil investigations at various Army and Air Force bases. Then Shelton worked at Secor (now Stantec) from 2006 to 2007 doing underground storage tank cleanups in the Sacramento area. Currently she is working as a water resources control engineer for the Central Valley Regional Water Board.

JENNIFER WOOD (née Berman), 1996, Botany, helped develop and co-write the Graduation Pledge of Social and Environmental Responsibility. She went on to earn a Master of Science degree in Soil Science and became a soil scientist with U.S. Department

of Agriculture's Natural Resource Conservation Service. After 10 years, Wood accepted a position with the Arcata Soil Survey Office. While in Humboldt she founded the Climate Action Project through the Redwood Alliance. In collaboration with Humboldt State students she held a Focus the Nation event about global climate change science and solutions. In 2011 she moved to a position at the USDA-NRCS state office in Davis, Calif. She continues her climate advocacy by leading the Sacramento chapter of the Citizens Climate Lobby.

DEANNA CARPENTER (née Wade), 1997, Environmental Resources Engineering, is married to Mark Carpenter, 1998, Wildlife Management, and was recently promoted to the rank of Commander with the U.S. Navy's Civil Engineer Corps in Newport, R.I. Carpenter is currently serving as chief staff officer of the Seventh Naval Construction Regiment.

KEVIN ORRIS, 1998, Mathematics, first went to Humboldt in 1984 as a Wildlife Management major, at which time he met his wife, Bonnie. He returned to Humboldt in the mid '90s and received a degree in Mathematics and his teaching credential. He has been teaching math at Golden Sierra High School for the last 12 years. He loves every minute and is very proud that he has encouraged several students to attend Humboldt.

2000s

ANTHONY MEDRANO, 2000, Politics, worked at Ohio University for a few years and moved back to Hawaii before finally settling down near Lake Mendota, Wis., where he is a doctoral candidate in the Department of History at the University of Wisconsin, Madison. Currently, Medrano is several miles away in Malaysian Borneo, conducting dissertation research as a Fulbright fellow. Medrano's interest in the social history of oceans stems from his formative years at Humboldt and its intellectual ecology.

AMANDA (née LANG) ELDRIDGE, 2001, Journalism & Mass Communication, lived in four major cities since graduating. She's now married with two children and finally settling down in Denver.

JOSHUA ALLEN, 2004, Natural Resources Planning, followed his Humboldt experience with a few years of AmeriCorps service through the University of Oregon. Allen has recently started a new job, far, far away from Humboldt. He is now working for the Matanuska-Susitna Borough in Palmer, Alaska, as a planner. This position is an exciting move for Allen, as he is highly involved in projects that will shape the landscape of Alaska for generations to come, and he reflects upon the lessons learned at HSU to implement lasting change.

AQUILA FLOWER, 2004, Geography, lived out of a backpack in New Zealand and South America, in a coffee shack in Hawaii, and on a tiny sailboat in the San Juan Islands after graduating. Flower then moved to Victoria, British Columbia, where she completed a Master of Science in Geography and worked as a geospatial and statistical analyst at a climate change research institute. She fell in love with teaching and with dendrochronology research, and is pursuing a Ph.D. at the University of Oregon. Flower has accepted her "dream job" as assistant professor of Geography at Western Washington University in Bellingham, where she teaches Physical Geography and geographic information systems.

CHRISTINA CASTANEDA, 2005, Political Science, and Steven Hull, 2005, Mathematics, were married in June in Oakland, Calif., on the ninth anniversary of meeting at the Humboldt Orientation Program. While in college, they both worked for HOP and their romance blossomed.

TERESA STOEPLER, 2006, Botany, moved to Washington, D.C., where she earned her Ph.D. in Biology at George Washington University in 2012 after completing a Bachelor of Science in Biology/Botany at HSU. Stoepler is currently a postdoctoral scientist at Virginia Tech where she researches the ecology of grapevine yellows, a lethal disease of wine grapes.

JED HALEY-BROOKS D'ABRAVANEL, 2007, Politics, is currently attending law school at American University.

LELA ANNOTTO-PEMBERTON, 2008, Dance Studies, is currently in her first year as a Master of Fine Arts candidate for Dance at Mills College with an emphasis in Choreography and Performance.

ALI R. CHAUDHARY, 2009, Sociology, went on to earn a Ph.D. in Sociology at the University of California, Davis. In 2013, Chaudhary advanced to candidacy and started dissertation research on migrant-serving nonprofit organizations in London, Toronto and New York. While conducting fieldwork, Chaudhary has been hosted as a visiting scholar at the Munk School of Global Affairs, the University of Toronto and the Graduate Center of the City University of New York. In fall 2013 Chaudhary was a visiting fellow at the University of Oxford's International Migration Institute. Chaudhary's first sole-authored, peer-reviewed journal publication will appear in the *International Migration Review* in summer 2014.

MONICA TOPPING, 2009, Journalism, launched the Small Town Big Art calendar project after successfully funding the project via Kickstarter. The calendar profiles prominent Humboldt County artists. Topping was inspired to start the project after the U.S. Census published a statistic that Humboldt County has more working artists per capita than any other county in California.

2010s

CHRISTOPHER BENNETT, 2010, Journalism & Mass Communication, worked for Bleacher Report, the online sports site, as a featured columnist. Bennett covered both the San Jose Sharks and Golden State Warriors, and was published on numerous sites, including CBSSPORTS.com. Bennett then attended law school in the Bay Area, where he focused his studies on intellectual property and corporate law. He graduated law school in 2013 and currently works in-house for Geosyntec, an environmental engineering firm.

JESSICA PETERS, 2010, Anthropology, received a Master of Arts degree in Anthropology in 2012 at UCLA. Peters also presented research at the American Anthropological Association 2012 meeting, and at the Interdisciplinary Conference in the Humanities at the University of West Georgia.

GABRIELA GIRONA, 2010, International Studies, was accepted into the Syracuse University School of Law and, now that the state has legalized equal marriage

rights, Girona is engaged to her partner of more than two years. She will pursue her international passion in her second and third years at Syracuse University and hopes to earn two degrees (a Juris Doctor and a master's in international relations) via the school's dual-degree program. She also hopes to earn a certificate in post-conflict reconstruction through SU's Institute for National Security and Counterterrorism.

SALINA CUDDY, 2011, English, has begun a Master of Arts program in Sociolinguistics at the University of York in England. Cuddy's focus is language and power, looking particularly at language and gender as well as language and class.

Submit a Class Note

humboldt.edu/classnotes
or email: alumni@humboldt.edu

BRIDGET MCGRAW, 2012, International Studies, began at Internews Network, an international nonprofit organization. At the organization's headquarters in Arcata, McGraw is subgrant analyst focusing mostly on a new project promoting independent media in South Sudan. McGraw writes, "Every day at work I use the skills and experiences I gained at university."

MARISA PENKAUSKAS, 2012, Journalism & Mass Communication, is the marketing manager for Interactive Fitness, a company producing interactive stationary bikes, based in Sunnyvale, Calif.

DANA WISSEMAN, 2012, Anthropology and Communication, volunteered at the Humboldt County Coroner's Office while earning her bachelor's degree. Wisseman is currently pursuing a Master of Forensic Science Degree at Nebraska Wesleyan University. Wisseman completed an internship at the Miami-Dade Medical Examiner's Office during the summer of 2013. In addition, she completed a continuing education class at the Forensic Investigative Research Station in Grand Junction, Colo., covering the topic of human decomposition. Wisseman is currently working at the Joint Prisoners of War, Missing in Action Accounting Command (JPAC) in Omaha, Neb.

JEFFREY HERR, 2013, Chemistry, found a job working as a laboratory technician in the quality control lab for Traditional Medicinals, which produces tea. Herr's work is in testing and sampling herbs with names he can barely pronounce. Herr writes, "I already miss HSU."

OWEN JACOB KREBS-GRIMSICH, 2013, International Studies, took his first International Studies class with Professor Suzanne Pasztor and was hooked right away. International Studies has enabled Krebs-Grimsich to travel and experience places in the world he would have never imagined. Krebs-Grimsich also became fluent in Spanish as part of the major's foreign-language component. Krebs-Grimsich recently accepted an invitation from the Peace Corps to travel to Mozambique in 2014, where he will work on HIV Education/Prevention—an opportunity he credits to his experience in the International Studies program.

IMPORTANT PRIVACY CHOICE

You have the right to control whether we share your name and address with our affinity partners (companies that we partner with to offer products or services to our alumni). Please read this information carefully before you make your choice:

YOUR RIGHTS—You have the right to restrict the sharing of your name, address, and email address with our affinity partners. This form does not prohibit us from sharing your information when we are required to do so by law. This includes sending you information about the alumni association, the university, or other services.

YOUR CHOICE—Restrict information-sharing with affinity partners: Unless you say "NO," we may share your name, address, and email address with our affinity partners. They may send you offers to purchase products or services that we may have agreed they can offer in partnership with us.

NO, please do not share my name, address, and electronic mail address with our affinity partners.

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If you do not want to receive information from our partners, you may do one of the following:

1. Print, complete and fax this form to (707) 826-5148
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3. Fill out, sign, and send this form to us (consider making a copy for your records):

Humboldt State University
Department of Alumni Relations
1 Harpst Street, Siemens Hall, Room 215
Arcata, CA 95521-8299

Name (w/Middle Initial)

Address/Zip

Phone

Email

Signature

Calendar

MARK YOUR

McCrone Promising Faculty Scholars & Graduate Fellowship Awards

April 24 • 4 p.m.

Great Hall

HSU Softball vs. UC San Diego

April 19 • 11 a.m.

HSU Softball Field

Centennial Speaker Series: James Balog

April 30 • 7 p.m.

Van Duzer Theatre

Outstanding Student Awards Ceremony

April 10 • 3 p.m.

Kate Buchanan Room

Founders Day

April 25

HSU Campus

A Full Day of Activities Caps off Centennial Year and Welcomes the New Century

humboldt.edu/foundersday

Annual Art Graduates Exhibition

April 24 to May 17

Reception April 24 at 5 p.m.

Reese Bullen Gallery

Centennial Speaker Series: Arturo S. Rodriguez

April 14 • 7 p.m.

Van Duzer Theatre

HSU Commencement New Century Class

May 17 • 8:30 a.m.

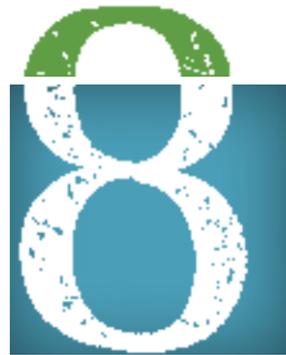
Redwood Bowl

HSU Composers Centennial Concert

April 25 • 8 p.m.

Fulkerson Recital Hall

See More HSU Events at: humboldt.edu/events



T H I N G S



The HSU Treasure Hunt

HSU's campus spans 144 acres and features some well-known landmarks: The clock tower, Founders Hall, the entryway gates. But what about the hidden treasures on campus? What exactly is in the Siemens Hall Basement? What's up with those Persian warriors at the entry to Founders Hall? Why are there so many stairs?!

There are plenty of hidden gems all over. The challenge for you? Identify these 8 hidden spots on campus.



CONTEST RULES: Identify these 8 spots on Facebook from April 7 to April 14 to be entered to win great Humboldt State prizes. Not on Facebook? You can still enter! Email your responses to social@humboldt.edu. Winners will be notified by email or Facebook direct message.



meet humboldt

Katie Lowe ('15, COMMUNICATION)

KATIE LOWE already understood the importance of giving back when she began attending Humboldt State three years ago. As a high school junior in Lemoore, Calif., she had watched her grandmother endure a long illness, and the future HSU student also observed how hospice workers provided her family with comfort and support as the end grew near.

SHARING THE MESSAGE Classes in her major field of communication have helped Lowe develop the people skills she uses as a volunteer at the Hospice of Humboldt thrift store and in her current Admissions internship, a role that includes answering questions from prospective students, conducting campus tours and hosting Admissions group presentations. "My interpersonal communications class taught me how important it is to connect by being respectful. It's really a beautiful process that helps you understand different types of people."

HOME SWEET HUMBOLDT "When I was a (high school) senior, I was doing the whole road-trip process, visiting colleges. I was looking for that connection that felt like home. HSU was an easy choice to make after I saw how friendly the community is and how welcoming everyone had been. Now I can share that message with prospective students."

HOSPICE SHOPPING Recalling the Lemoore, Calif. hospice service, Howe has set aside part of her busy schedule to volunteer at an Arcata thrift shop that funds local hospice programs. She works there four hours a week while balancing a 17-unit class schedule, an internship in the HSU Admissions Office and her second year of serving as a Humboldt Orientation Program peer counselor.

VOLUNTEERING at the Hospice Shop at 575 H St. has helped Howe, a Social Advocacy minor, find more opportunities to connect. "The shop raises money to support all the services my grandmother received. It's fun to be around many of the elderly people who work and shop there, listening to their stories. And, the shop has cute clothes!"



Meet More Humboldt Students

humboldt.edu/meet

PROVE YOU KNOW EVERYTHING about HSU. Participate in the online HSU treasure hunt by identifying these 8 spots March 24 through April 2 at facebook.com/humboldtstate 



HUMBOLDT STATE UNIVERSITY

1 Harpst Street, Arcata, CA 95521

Own a Piece of Humboldt State History

For a limited time, the Humboldt State Alumni Office is selling woodcut prints of Founders Hall. This handmade print commemorates HSU's Centennial Year.

Each original signed woodcut print is available for purchase through Humboldt Alumni. Just 100 were made.



"I wanted [the piece] to reflect the natural and architectural beauty of Humboldt State," says Art Professor Sarah Whorf, who designed and printed each unique piece by hand.

Centennial Founders Hall

Original Woodcut Print

Limited edition of 100

Visit alumni.humboldt.edu to purchase

Proceeds support the student experience through the Humboldt Loyalty Fund

