

Humboldt

The Magazine of Humboldt State University | Spring 2013

Documenting an
Environmental
Legacy





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ON THE COVER: A graduate student filmmaker uses a customized dolly to film professor Stephen Sillett's ascent into the redwood canopy.

THESE PAGES: Will Goldenberg ('13, M.S. Wildlife) (center) and a crewmember scout a location in Prairie Creek Redwoods State Park, as part of their work on the California Environmental Legacy Project.

from the President

JUST OVER A century ago, residents in Humboldt County took on an enormous and important challenge. They began working to create a state “normal school,” an institution to educate elementary school teachers. They organized, they lobbied in Sacramento, they pledged financial assistance and land.

It worked. On June 16, 1913, California Gov. Hiram Johnson signed legislation creating Humboldt State Normal School.

Classes began on April 6, 1914 in temporary buildings, with 62 students. Now, after making our way through good times and bad—including near closure during the Great Depression and world wars—Humboldt State University is preparing for its 100th birthday.

It’s a time to honor all that has been accomplished, and also to look ahead to a promising future.

HSU’s Centennial Celebration gets underway on Aug. 24, 2013, with a party on the Arcata Plaza two days before fall classes begin. It continues throughout the academic year until Commencement in May 2014.

As highlighted in this issue, much is planned, and I hope you are able to find a way to participate.

There will be big events like the party on the Plaza, a Centennial-themed Homecoming & Family Weekend, and a Founders Event in April. HSU birthday events will be held in locations across the country throughout the year. There will be a Centennial Speakers Series and showcases of our three Colleges and our Library. Displays, websites, banners and more will highlight our history and accomplishments. Faculty and students across campus are preparing special works of art, musical compositions, a play about our



county’s namesake Alexander von Humboldt, and more. A new ceremonial mace is in the works, as is a new campus flag.

There is much more, and you can visit the Centennial website and follow the Facebook page for details and updates.

Something that fascinates many people is the numerous names this institution has had. There are six: Humboldt State Normal School; Humboldt State Teachers College and Junior College; Humboldt State Teachers College; Humboldt State College; California State University, Humboldt; and Humboldt State University.

However, the name is much less important than the place. By becoming part of Humboldt State, you became part of an extended community that now stretches across a century and reaches around the globe. All of us—Humboldt State alumni and friends—have built something remarkable together.

Thank you all for being part of a great first century at Humboldt State.

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 administration or those of the California State University Board of Trustees.

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AS HUMBOLDT STATE kicks off its Centennial Year celebration, alumni, students, staff and faculty are sharing their stories about their Humboldt State experience. Learn more and share your own story at humboldt.edu/100/share. For a fun example, read on ...

THIS YEAR, IN a few weeks, I turn 40. Big step in life. But almost as big is the fact that I have spent half my life with my husband, thanks to HSU. We met when I was 20 and he was 25 while in college. I was actually about to transfer to a college closer to home when I decided to stick it out just a little longer. A few weeks later in the fall, I met my husband to be. The unfortunate part was that he was a senior and going to graduate in the spring. I figured he would just leave once school was out and we would never see each other again. Lucky for me, I couldn't be more wrong! Upon his graduation, he stuck around and opened up a juice bar while waiting for me. Before he graduated though, he informed me that he would one day ask me to marry him. And sure enough, in my junior year and on my birthday (Feb 15th) he asked me to do just that.

It was midweek. I had a quiz that day on my 22nd birthday at 9 a.m. on campus. Not being a morning person, I was not looking forward to the wake up call. Unbeknownst to me, there was a surprise waiting for me. I woke up to a mini-birthday party and an escort to school by my husband (then boyfriend). While driving me to campus, he took the wrong street and ended up in front of the juice bar. In large, red letters there was the question that would change my life, “Cassandra, Will you marry me?” Of course I said yes! Minutes later there was a ring on my finger, my parents gave their blessing and I was back in route on the way to school. But there was one problem.

I missed the quiz. Upon my arrival, the professor asked if I had a good reason

for being late. I answered, “Yes, I just got engaged.” With a big smile, he congratulated me and asked me to take my seat.

So began the relationship of my life. From college sweetheart to husband to the father of my two children, he has been my best friend and soulmate. We have traveled together, built two houses together, had career challenges together and most importantly, experienced life together. We have dealt with tugs at the heart and enjoyed celebrations that only our children can bring.

After moving around for careers, we have settled back in Arcata. My husband is a general contractor building custom homes in Humboldt while I am the film commissioner for Humboldt and Del Norte counties. My job often leads me to work with film students at HSU and I always feel a sense of pride when I walk on campus. More importantly, I always remember our first kiss. It was fall and we were walking to campus for Lumberjack Days. We made a stop in the middle of the stairwell ascending from the lower parking lot behind Gist Hall to the front of Gist. My husband took my face in his hands and kissed me ever so sweetly. To this day, I can't walk the stairs without thinking of it.

As I write this, we are getting ready to attend a Humboldt State basketball game tonight. I look forward to being on campus. We just might have to make a stop on “our” stairs.

Thanks Humboldt State University for not only giving me an education but also the love of my life!

Cassandra Hesseltine ('96, Psychology)

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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HSU Researcher On National Geographic Cover—Again



Professor Stephen Sillett largest tree by Stephen C. Sillett, the Kenneth L. Fisher Chair in Redwood Forest Ecology at Humboldt State University, and his colleagues.

The tree, and related research about redwoods, was featured in *National Geographic's* cover story in December.

High-altitude climbing research and painstaking measurements by Sillett and his colleagues show that the giant sequoia, named the President about 90 years ago, ranks number two among all big trees ever measured.

In addition to confirming the tree's near-record size, state-of-the-art climbing technology and extreme precision have enabled the Sillett operations crew to pinpoint startling facts. Among them: a big tree's rate of growth can increase despite old age, negating a longheld belief.

Twenty-seven feet in diameter at the base, the President's spire rises 247 feet and is estimated to house nearly 2 billion leaves. It stands some 7,000 feet above sea level in the southern Sierra Nevada.

Sillett calls the giant sequoias "snow trees" because they endure and thrive for

JUST ABOVE a trail junction in Sequoia National Park stands a massive 3,240-year-old redwood. It's been confirmed as the world's second largest tree by

months each year in the deep freeze of winter. Despite the short growing season, they can grow larger than their coastal redwood counterparts.

The Sillett crew's breakthrough, high-altitude research—numerous and demanding human ascent operations, laborious raising of cameras, the taking of bore samples and sophisticated mathematical modeling—is a key component of the 10-year Redwoods and Climate Change Initiative, led by Humboldt State and UC Berkeley redwoods scientists under the auspices of the Save the Redwoods League, San Francisco. The objectives are to gather research on how redwoods can survive immense environmental alterations and devise a long-term, comprehensive strategy for redwoods adaptation.

The research is aimed at approaches to protection against climate change. It will be based in part on a network of forest plots to be monitored for more than 100 years. Study includes whole-tree and whole-forest rates of annual wood production as far back as 1,000 years.

Leading scientists Sillett and Robert Van Pelt of Humboldt State University and Todd Dawson and Anthony Ambrose ('92, Natural Resources) of UC Berkeley are probing the capacity of redwoods to mitigate the impact of climate changes through their own photosynthesis, fog interception, wood production and carbon sequestration.

The team will attempt to reconstruct past climates to learn how redwoods



Photo Courtesy National Geographic

responded historically to climate change and then assess how the trees are adapting currently. Greenhouse experiments will be used to analyze how redwood seedlings and saplings from different parts of forest ranges might react to climate change.

Previously, the Sillett team's research, including that of HSU botanist Marie Antoine, was the subject of a *National Geographic* cover story in October, 2009.

...

The latest *National Geographic* report is posted at ngm.nationalgeographic.com/2012/12/sequoias/quammen-text

Timothy P. White Named Seventh CSU Chancellor



Chancellor Timothy P. White

TIMOTHY P. WHITE, the former Chancellor of UC Riverside, has been named the seventh Chancellor of the California State University system.

"I am humbled to have been chosen to lead the California State University system at such a transformative time," said White. "As Chancellor, I look forward to engaging with faculty, students, staff, campus presidents and CSU trustees, along with the communities we serve, as we advance this vital system of higher education for California's future."

White, 63, previously served as UCR Chancellor since 2008 and succeeds Chancellor Charles B. Reed, who announced his retirement following a 14-year tenure with the system.

Prior to serving at UCR, White was president of the University of Idaho from 2004 to 2008.

Born in Buenos Aires, Argentina, White immigrated to California, and is a first-generation college student who has matriculated within every college system in California. After beginning at Diablo Valley Community College, he earned a bachelor's from Fresno State, a master's degree from Cal State Hayward (East Bay), and a Ph.D. at UC Berkeley. He also spent two years as a post-doctoral scholar in physiology at the University of Michigan before starting his academic career in Ann Arbor. He is internationally recognized for his work in muscle plasticity, injury and aging.

White and his wife Dr. Karen White have four sons. She has been engaged with UC Riverside as a part-time assistant clinical professor for the Biomedical Sciences program, and as director of Operation Education, a scholarship program that supports veteran students with disabilities.

Students Weigh Impact of Wearing Backpacks

EVER WONDERED IF wearing a backpack could affect the way you walk? Two HSU students recently teamed up with Kinesiology professor Justus Ortega to find out.

Anthropology students Vincent Velasquez ('13) and Tia Meyer ('12) were interested in researching how weight-bearing loads like backpacks affect leg stride and arm swing.

"We wanted to determine the relationship between wearing a backpack and body mechanics," says Ortega, who facilitated the experiments in HSU's Biomechanics Lab. "Does wearing a backpack force you to take shorter, more frequent steps? Does it impede your arm swing?"

What they found is that while wearing a backpack has little to no effect on stride length or frequency, it does increase your upper and lower arm swing.

For the experiment, Velasquez and Meyer recruited 15 student volunteers. Each subject was outfitted with three marker balls: one on their shoulder, elbow and hand.

Students then walked on a treadmill with and without a backpack for three minutes at various speeds (1.6 mph, 2.9 mph



Anthropology students Vincent Velasquez (right) and Tia Meyer (center) collect data in the Human Performance Laboratory.

and 4 mph). For each trial, they recorded the subject's arm swing and leg motion using a video camera and motion analysis software. The results showed that while wearing a backpack has no effect on stride length or frequency, it does increase the amount your arm swings.

Up until recently, researchers had thought arm swing was an unnecessary movement—one of the vestiges of humans' knuckle-walking days. But recent studies suggest

that arm swing plays an important role in human locomotion by counteracting the torque—or the twisting of the spine—created by the legs while walking.

Torque has a destabilizing effect on the body, resulting in wear and tear on the spine over time. Velasquez and Meyer's study provides important insights into injury prevention and reduction when it comes to wearing weight-bearing loads like backpacks.

It also has implications for the military, explains Ortega. "There's a very big interest in load carriage as it relates to soldiers in the field. It's extremely valuable in understanding fatigue over long periods of time in danger zones."



Photo Courtesy Nancy Piatczyc, Williams College

A tick viewed through a scanning electron microscope. Biology professor Jianmin Zhong is researching pesticide-free ways to control the insects.

Taking on Ticks... Without Pesticides



BIOLOGICAL SCIENCES PROFESSOR

Jianmin Zhong has received a three-year, \$353,500 grant from the National Institutes of Health to advance innovative tick research.

Zhong said the research will provide insight into developing new control measures that could sidestep pesticides to suppress tick populations and their associated diseases, like Lyme borreliosis. Pesticides present environmental health

hazards, hence the need for new control solutions.

At least 10 HSU undergraduate and graduate students will take part in the novel research, Zhong said. A large part of the \$353,500 grant will finance student salaries, the purchase of equipment, supplies and materials and reimbursement of conference travel.

Humboldt State students will join in presenting research data at forums such as the annual meetings of the Entomological Society of America, the American Society of Microbiology and the American Society for Rickettsiology.

Disease prevention is the focus of current tick research, according to Zhong, and scientists hope to pinpoint alternatives to pesticides to control tick populations.

“Our proposal is innovative. We will explore the nutritional basis of tick-bacteria symbiotic interactions. That understanding will help with tick control measures and fighting tick-borne diseases by targeting folate productions from bacterial symbionts.”

Zhong explained that folate, also known as vitamin B9 or folic acid, is of particular interest because it is an essential vitamin for the normal development of all living organisms. Folate deficiency results in anemia, heart disease and birth defects in vertebrates.

Symbiotic bacteria live together in symbiosis with another organism or each other.

“In the long-term, the knowledge obtained from our research may provide insight into the design of fresh control measures based on bacterial symbionts rather than on ticks themselves,” Zhong continued. “The traditional view is that ticks carry a few microbial pathogens that cause human and animal diseases and have economic impacts. However, recent findings suggest that most microbe-host interactions are nonpathogenic, commensal, and mutual.”

Zhong began teaching at HSU in 2006. Prior to that, he taught at CSU Fullerton and at the Department of Parasitology at Shanghai Medical University in China.

Schatz Lab Charts Renewable Future for Humboldt

COULD HUMBOLDT COUNTY meet almost all its energy needs with locally produced renewable power? Yes, according to a report unveiled in September by the Schatz Energy Research Center and the Redwood Coast Energy Authority.

The strategic planning report, titled “RePower Humboldt,” projects that by 2030, local renewable energy could account for 98 percent of the county’s electricity demand, displace 33 percent of its heating load and supply 13 percent of its transportation needs. The cost increase is estimated at about 15 percent.

By that same time, Humboldt County could reduce its energy related greenhouse gas emissions by 45 percent, generate \$50 million per year in additional economic output, create 300 new jobs and substantially increase the level of energy security for the region.

More than two years in the making, Schatz/RCEA framework starts from the premise that energy efficiency should be maximized as the county’s “cheapest option.” The plan estimates that efficiency measures could reduce energy demand by as much as 25 percent.

Researchers emphasize this plan could serve as an example for the rest of the state as California works to reduce greenhouse gas emissions to 1990 levels under Assembly Bill 32.

Efficiency encompasses improvements in the fundamental design of new buildings, as well as retrofits of existing buildings to improve the performance of heating, lighting, refrigeration and cooking appliances and systems.

On the supply-side, RePower Humboldt endorses a full mix of renewable resources: biomass, solar power, wave energy

and wind power and small hydroelectric generation. It weighs the pros and cons of each.

The county has, for example, “a tremendous woody biomass resource that is already used to meet 25 to 35 percent of our local electricity demand, and there is potential to expand this use of biomass for energy production.”

The development plan also encourages the use of electric vehicles and heat pumps that can be powered using locally-generated renewable electricity.

The study cautions that no single policy or technology will suffice. It states that the renewable resource development it envisions will require strong local support, broad business community backing and probably substantial outside private investment.

The Schatz/RCEA blueprint also calls attention to the need to buttress local infrastructure: “Significant transmission and distribution system upgrades will be necessary to accommodate large-scale renewable energy development,” it says.

“If California is to meet its greenhouse gas reduction goals, which call for an 80 percent reduction below 1990 levels by 2050, we will need some regions to lead the way by scaling up clean energy use decades earlier,” says Schatz lab director Arne Jacobson. “Humboldt County has the opportunity to serve as a positive example in this regard, and the RePower Humboldt plan can act as a road map to get us there.”

...

The report is available at schatzlab.org/repower



HSU Shines in Corps Rankings

HSU IS NUMBER ONE among medium-sized California schools in the Peace Corps' 2013 Top College rankings.

It stands 16th nationally among more than 3,000 schools surveyed coast to coast.

Humboldt State remains the only school in California ranked among the Peace Corps' top 25 medium-sized schools, those with 5,000-15,000 students.

The new rankings mark the eighth consecutive year HSU has won Peace Corps recognition for contributing among the highest number of volunteers serving abroad. Currently, 25 Humboldt State alumni are overseas with the corps.

Historically the campus has contributed 787 members since the Peace Corps was created in 1961.



Photo Courtesy Sean McCartney

MBA Overhauled—Focus On Strategic Sustainability

THE UNIVERSITY'S COMPLETELY revamped MBA program hinges on how top 21st century businesses are reshaping strategic sustainability and the new careers that will result.

Students in HSU's revised MBA program will analyze the strategic sustainability issues of leading multinational companies, nonprofits and other organizations and how they are innovating and creating new markets.

They will also address financial, marketing, accounting and strategic management issues, taking into account the companies' best practices.

HSU's growing School of Business, buttressed by a \$2.5 million investment by donors and the university, has overhauled the one-year MBA to close the gap between what traditional business schools teach and what companies are looking for in their future employees.

Entrepreneurship and creativity are at the heart of the redesigned program, which will carry a \$1,000 to \$3,000 scholarship. Every MBA candidate will also receive an internship/field experience valued at about \$2,000.

Fully interdisciplinary, the restructured MBA meshes with an array of Humboldt State undergraduate programs, including the natural, environmental and social sciences. This integrated approach accentuates the degree's versatility. Job applicants with undergraduate degrees in these disciplines will be able to expand their career prospects by adding the MBA's functional business skills to their areas of expertise.

Integration, for example, of a natural sciences undergraduate degree with an MBA enables master's candidates to build multiple skill sets that are difficult to outsource and of permanent career value.

The new MBA is designed with built-in flexibility. It can be completed in one year, courses will be offered in the evening, and no prior work experience will be required.

MBA internships and service learning will be geared to sustainability experiences, giving students practical skills that build on know-how gained in the classroom.

Students will develop their own electronic portfolios as they advance through their courses. All project papers will be included in the portfolios, leading to a capstone research project and the internship/field experience.

The redesigned degree builds on the scholarly reputation of HSU's School of Business; its students average in the top 25 percent of those graduating from U.S. business schools that have participated in national assessment tests.



The retooled Master of Business Administration program will focus on analyzing the latest business trends.

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To learn more, visit humboldt.edu/business

University Launches Recreation & Wellness Center

DESIGNED AS A one-stop location for all recreation and wellness needs, the new Recreation & Wellness Center is breathing new life into the former Forbes Complex.

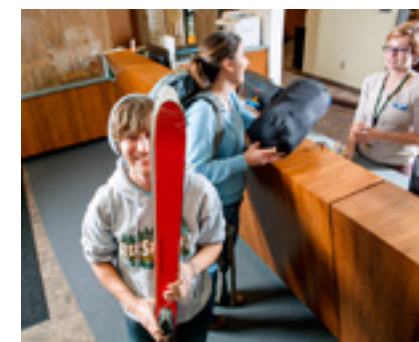
The entire facility has undergone an extensive remodeling and facelift, and now includes group-fitness studios and education spaces. The top floor gives access to the West Gym and the existing Student Recreation Center-West.

The RWC builds on HSU's commitment to student well being. Other facilities and programs include Center Activities, the Club Sports and Intramural program, the Student Recreation Center, the Humboldt Bay Aquatic Center in Eureka and the Student Health Center.

"The Recreation and Wellness Center enhances the HSU experience through dynamic and inclusive recreation, through our fitness and wellness program to promote healthy living and through the development of the social and leadership skills necessary for student success," says Dave Nakamura, executive director of the University Center, which oversees the new facility. The center primarily offers services for current students, however programs are open to staff, faculty, alumni and community members.

...

To learn more, visit humboldt.edu/centeractivities



LEFT: The Recreation & Wellness Center includes the offices of Center Activities, which offers outdoor adventure classes to students and community members.
BELOW: Students in the Student Recreation Center-West practice climbing on the bouldering wall.



HSU a Top 'Military Friendly' School

FOR THE FOURTH year running, HSU is rated among the top 15 percent of colleges, universities and trade schools nationally that provide comprehensive support to soldier students and their spouses.

Humboldt State's Veterans Enrollment and Transition Services office is listed on the 2013 roster of Military Friendly Schools compiled by Victory Media, a veteran-owned small business that publishes G.I. Jobs magazine and related journals.

The ranking is based on extensive research and data drawn from more than 12,000 U.S. Veterans Administration-approved schools nationwide. It recognizes HSU for "leading practices in the recruitment and retention of students with military experience."

Humboldt State's V.E.T.S. support offers services for dependents and active-duty service personnel as well as veterans. It provides referrals to Humboldt-area veterans' organizations and extends ready access to academic advising, course requirements,

benefits counseling and work-study options. It also provides job counseling and training, employment searches, agency networking and assistance to the unemployed.

"We provide one-stop shopping that not all campuses offer, and I consider us to be the gateway for veterans to this university," says Kim Hall, V.E.T.S. director. The office is staffed by vet undergraduate and graduate students, who encourage the camaraderie that returning soldiers say they miss most of all from their service experience.

Responding to the largest influx of college-bound veterans since the Vietnam War, Humboldt State five years ago expanded services originally begun in the early 1990s. The modernization kicked off in 2007 when the 23-campus CSU system initiated its "Troops to College" program to assist more veterans and active duty soldiers with higher education.

M.A. in Education Goes Online

HUMBOLDT STATE IS now offering an online master's degree in education.

"We've been successful for the past 13 years in serving our local community, but have had an increasing number of requests from folks further away who would like to participate in this program," said Education professor Eric Van Duzer. "Our new format allows anyone who would like to earn their degree from HSU to do so."

HSU's M.A. in Education is a generalist degree with evening classes for working

teachers. Students complete eight core courses and specialize in one of four areas: administrative services, curriculum and instruction, special education or special studies.

The degree emphasizes close faculty and student interaction. "One of the things that sets our program apart is the intense level of support from faculty and HSU's strong sense of community," Van Duzer said.

The program focuses on broadening students' understanding of the theoretical

and methodological aspects of teaching and administration. They are expected to articulate what they know, ask questions about their practice and relate their practice to professional literature.

The M.A. in Education is the latest HSU program to go online. Last year, the School of Education launched an online credential in Secondary Education. The Office of Extended Education also offers online certificates in faculty preparation and exercise nutrition.

After Superstorm Sandy, Alum Leads Effort to Rebuild New York Aquarium

JON DOHLIN ('92, Biology) vividly remembers the moment Superstorm Sandy struck the New York Aquarium. Shortly before 8 p.m., an 11-foot storm surge hit the Coney Island complex, engulfing the entire building with salt water.

"We had about 3 to 4 feet of water throughout the entire aquarium and 10 to 15 feet in the basement," recalls Dohlin, the museum's director since 2008. "It took about three to four days before we could pump it all out."

Although the 14-acre complex remained structurally intact, the entire aquarium—and the pumps that support its 12,000 marine animals—was extensively damaged.

In the days immediately following the disaster, Dohlin and his staff worked around the clock to ensure that the aquarium's fish and other marine life were healthy and safe. Of particular concern was Mitik, a baby walrus the aquarium had recently adopted from Alaska. "We had a little bit of a scare with Mitik," Dohlin says, "but luckily he was swimming around like it was the most fun he'd ever had. He was happy as a clam at high tide."

Ultimately, Dohlin and his staff managed to retain 90 percent of the aquarium's marine animals—an impressive feat considering the magnitude of the disaster. Now comes the difficult task of working with consultants and engineers to coordinate the cleanup, Dohlin says.

To date, the overall damage has been assessed at \$70 million—a cost that will eventually be reimbursed by FEMA. "It's been costly and stressful, but fortunately, I think we're going to be okay," Dohlin says.



Photo Courtesy: Julie Larsen Maher/Wildlife Conservation Society

It took four days of round-the-clock pumping to get the water knee-deep, according to Jon Dohlin ('92, Biology), director of the New York Aquarium.

Founded in 1957, the New York Aquarium is a Coney Island landmark, attracting thousands of visitors a year. A partial reopening is scheduled for the summer of 2013.

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To learn more, visit nyaquarium.org

HSU by the Numbers

10,274

number of first-time freshman applicants for fall 2013, an HSU record

8,658

number of applicants from the previous year

8,116

number of students enrolled at HSU

1,963

total number of students living on campus

86.6

percentage of new freshmen living on campus

787

number of Peace Corps volunteers from HSU

25

number of HSU alumni currently serving in the Peace Corps

16

rank among more than 3,000 medium-sized schools for number of alumni participating in Peace Corps

73,000

number of hours of community service contributed by HSU students annually

2,200

number of students who earned a degree or credential in 2012

1,404

number of students who participated in the 2012 Commencement Ceremonies

14.1

average number of units taken by an HSU student

2

the number of hours a student should expect to study for every one unit they're enrolled in

538

number of faculty and instructors

campus scene

Aboard the Coral Sea

GETTING TO STUDY oceanography at the undergraduate level is pretty rare. Even more unusual? Having access to a 90-foot fully equipped floating laboratory. The Coral Sea offers just that.

- Here, students enrolled in professor Tim Mulligan's Fisheries 435 course process specimens collected during an early-morning sea cruise.
- Oceanography students, along with classmates from Biology, Fisheries, Wildlife and other majors, conduct their own research projects while working one-on-one with expert faculty.
- At sea, students learn to use trawls, plankton nets, sediment grab samplers, sonar and other oceanographic sampling equipment. By the time they graduate, Oceanography students usually log around 100 hours at sea.
- Annually, nearly 500 students participate in teaching and research cruises in Humboldt Bay and offshore of Humboldt County.
- Since 2010, students have been contributing to coastal monitoring in a collaborative effort between HSU and the National Oceanic and Atmospheric Administration. The work bridges a major historical gap in monitoring the northern section of the California Coastal System.
- The Coral Sea includes two winches, a crane and scientific dry and wet labs. It can hold 25 scientists plus five crewmembers, with sleeping quarters for 12 and a galley.



Branching Out: 1987–Today

Humboldt magazine concludes its look into the history of Humboldt State with the final installment of HSU's historical timeline. From 1987 to 2013, expanding research facilities and a growing recognition as an academic powerhouse marked this period of campus history.

See the full timeline at humboldt.edu/100



1987 Students adopt the Graduation Pledge, which reads, "I pledge to explore and take into account the social and environmental consequences of any job I consider and will try to improve these aspects of any organizations for which I work." Hundreds of universities worldwide have since adopted the pledge.



Fall 1994 Campus dedicates the 125-foot Pacific Hunter as a research vessel. The ship, a gift from Gib Hunter and Eureka Fisheries, Inc., was originally commissioned as a Coast Guard Cutter in 1927.



Spring 1997

Students vote 3-to-1 against adopting the Marbled Murrelet as school's mascot.

The Lumberjack has been the school's official mascot since 1936, when it replaced the Thunderbolts. Lucky Logger got his start in 1959.

Summer 1998

Campus dedicates the 90-foot Coral Sea research vessel, replacing the Pacific Hunter.



April 24, 1998

Researchers from the Schatz Energy Research Center debut country's first street-legal hydrogen-powered car, the Neighborhood Electric Vehicle.



1988

Alumnus Mark Conover ('81, Natural Resources Planning & Interpretation) wins the marathon at the Olympic Trials and competes in the Olympics in Seoul, South Korea. Conover is inducted into the Humboldt State Athletics Hall of Fame in 1993.



Spring 1995

Women's intercollegiate crew and soccer teams established. HSU is among the first in the CSU system to meet the standards of a 1993 agreement between the Cal State system and the National Organization for Women, which calls for more equitable representation and funding between male and female sports programs.



May 1989

Humboldt State Museum of Natural History opens. Private donors and foundations from the community worked together to create the community asset.



1998 First Street Gallery opens in Eureka. Hundreds of HSU Art students have since gained first-hand experience in art museum and gallery practices.

Timeline continued on next page ➤

Branching Out: 1987-Today *continued*

1999

Softball team wins its first NCAA Division II National Championship. The team would capture a second national victory in 2008.



2002

Rollin Richmond succeeds Alistair McCrone to become Humboldt State's sixth president.



2006

Alumnus Ken Fisher (above left) establishes the Kenneth L. Fisher Chair in Redwood Forest Ecology. It is the first named chair at Humboldt State and the first endowed chair in the world to support the study of a single tree species. Stephen C. Sillett is the first to hold the endowed chair.



2003

HSU receives a \$7.4 million bequest from the Schatz Trust—the single largest gift ever given to the university. It brings the total contributed by Louis W. Schatz to about \$15 million.



2007

The 84,000-square-foot Behavioral and Social Sciences Building opens. It's the first building in the CSU system to earn a LEED® gold rating—the second highest rating bestowed by the U.S. Green Building Council.

Students vote to create the Humboldt Energy Independence Fund. Using funds from a self-imposed fee, the program supports student-designed energy efficiency projects on campus.

Fall 2008

The student-designed Hydrogen Fueling Station debuts, connecting HSU to California's Hydrogen Highway. A pair of modified Toyotas comprise the hydrogen-powered fleet.



Fall 2008

The Kinesiology & Athletics Building opens. It includes a pool, classrooms, offices and a gymnasium.



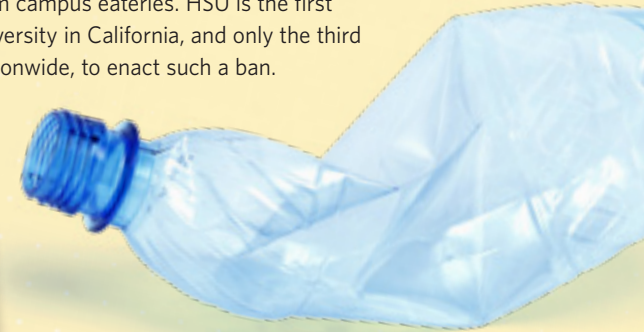
Fall 2010

HSU opens the College Creek Apartments near the south entrance of campus. The complex features room for 434 students and an NCAA-regulation soccer field.



Fall 2011

Campus bans single-use plastic water bottles from campus eateries. HSU is the first university in California, and only the third nationwide, to enact such a ban.



2012

Women's Rowing team wins its first NCAA Division II National Championship.

August 24, 2013

HSU begins its Centennial Celebration with the HSU 100th Birthday Festival on the Arcata Plaza. Events and activities continue through commencement in May 2014.

Sources: "A View from the Hill" by former HSU History professor William R. Tanner and "Humboldt State University: The Campus History Series" by Katy M. Tahja ('70, Communication)
Photos and Memorabilia Courtesy of the HSU Library, Humboldt Room; University Advancement Yearbook Collection; Humboldt Alumni

GET READY! 10 WAYS TO CELEBRATE HSU'S CENTENNIAL

HUMBOLDT STATE UNIVERSITY will soon mark its 100th year, with a full academic year of events and activities scheduled to celebrate the milestone. It all starts in August 2013.

On campus, events and activities will include a Centennial Speakers Series, a documentary video, reunions, showcases of the University's three Colleges and the Library, a play about Prussian naturalist and explorer Alexander von Humboldt's life, musical compositions, art pieces, Centennial merchandise and much more.

We understand that many of our 50,000+ alumni live too far away to make it to campus. Don't worry! Mere distance doesn't mean you can't take part in this yearlong party. In addition to the major campuswide events, Humboldt Alumni will be hitting the road with HSU Centennial Birthday Parties all over the country.



BE A PART OF THE CENTENNIAL CELEBRATION



No. 1

**Get all the
Centennial News at
humboldt.edu/100**

Humboldt.edu/100 is the source for all the latest news on Humboldt State's Centennial Celebration. Check in for important dates and information. Then browse historic photos and stories, a timeline of Humboldt State history and more. Plus, you can follow HSU Centennial on Facebook.



No. 2

**Attend Homecoming
& Family Weekend**

SEPTEMBER 27-28. This year's Homecoming & Family Weekend gets a Centennial-themed twist. In addition to the usual fun, the weekend gets started with an old-fashioned Homecoming Parade. The route ends on campus, when everyone is invited to participate in a giant "Human 100" photo, to be followed by a 100th Birthday Party and Rally.

Saturday starts with kayak tours of Humboldt Bay, while in Arcata, the Farmers' Market is in full swing. Meanwhile, Classes Without Quizzes offers scholarly talks you won't even have to take notes on. Saturday afternoon features a big tailgate party, and after that it's over to Redwood Bowl for the football game. Don't miss it!

No. 3

**Get Some
Centennial Stuff**

THE HSU BOOKSTORE and **alumni.humboldt.edu** will be loaded up with custom Centennial-themed gear including great gifts like T-shirts, coffee mugs and other commemorative memorabilia. Shop online, or better yet, browse the selection when you're visiting campus.



*Lucky Logger
Bobblehead*

Make a Gift During HSU's Centennial

HUMBOLDT STATE HAS four important priorities for donor support during the Centennial. These efforts will strengthen the learning experience, make college possible for more students, and create lasting enhancements to campus.

Please consider these priorities when deciding how you will support and honor HSU during its Centennial. Your gifts will make a real difference for students, both today and in the future.

Applied Learning

HUMBOLDT ALUMNI OFTEN share how hands-on learning was important to their education. Today, applied learning remains a cornerstone of the academic experience. Funds will support priorities such as assistantships, internships, curricular enhancements, undergraduate research with faculty, service learning, class projects in the community, and the like. Gifts may be made to Humboldt Loyalty Fund—Applied Learning

Scholarship Support

SCHOLARSHIPS ARE CRUCIAL in attracting students and helping them achieve their academic goals. This is particularly true today, given the fast-rising cost of a college education. Gifts may be directed in many ways, including creating a new endowed scholarship, or supporting an existing scholarship fund, the HSU Special Scholarship, which supports students from all majors, or the prestigious President's Scholarship Fund.

Green & Gold Room and Centennial Grove

THE OLD LIBRARY in Founders Hall, an important but neglected piece of HSU history, will be renovated into a student study lounge as well as a small events venue. It will be the University's "living room," showcasing campus history and its strong sense of community. To the south, near the athletics complex, an existing redwood grove will be transformed into a space for informal gatherings and quiet contemplation. Gifts may be made to the Green & Gold Room Fund or the Centennial Grove Fund.

TO MAKE A GIFT, use the secure online form at humboldt.edu/giving, or make a check payable to "HSU Advancement Foundation" with the fund or department indicated on the memo line.

Mail To:

Humboldt State University
Advancement Foundation
Gift Processing Center
1 Harpst Street
Arcata, CA 95521

For More Information:

On making a gift to HSU,
contact University Advancement
at (707) 826-5101.



No. 4

Celebrate at the HSU 100th Birthday Festival!

SATURDAY, AUG. 24, 2013. HSU's big Centennial kick-off party, happening right before fall classes begin. Come on down to the Arcata Plaza, bring the family and be a part of the start of a yearlong celebration.

No. 5

Attend an HSU Centennial Birthday Party

The Humboldt Alumni office is hitting the road and bringing the fun to the far-flung HSU Community in a series of regional Birthday Parties. Be sure to check alumni.humboldt.edu for the latest schedule. It's like one of those progressive neighborhood dinners, but national.



No. 6

Share Your HSU Stories and Photos

Take a minute to share a story and maybe even some Kodachrome photographs of your college years. At humboldt.edu/100/share you can share your stories in all types of categories:

First week at Humboldt
Favorite professors
Clubs and such
I practically grew up here
Legacy families
Falling in love
Cracking the books
Outdoor adventures
Graduating

Stories you submit might be featured on the website, in the Alumni Newsletter, Facebook and this magazine.

No. 7

Get Involved with HSU

By now you're probably getting the idea: There are tons of ways to get involved with Humboldt State University, and the Centennial Celebration is the perfect time to start. For starters, be sure you've updated your latest contact info at alumni.humboldt.edu.

Did you know you can join HSU admissions counselors in recruiting students to HSU from your area? Or help current students with career advice and mentoring?

Of course, you can always make a charitable gift to HSU too.

Read on...

No. 8

Catch the Jacks on the Road

With 12 intercollegiate teams, HSU's student athletes travel much of the western United States to take on opponents from Washington State to Colorado. Some teams will sport special uniforms and hold themed activities. Keep up with HSU sports at hsujacks.com.



No. 9

Memorize the Humboldt State Fight Song

Knowing all the lyrics to the Humboldt State Fight Song marks you as someone who truly bleeds the green and gold. This is best belted out at full volume, preferably somewhere public:

*Drive on Humboldt
on down the floor
Drive on Humboldt
show 'em the door
Forwards snuff 'em
Centers stuff 'em
We are on the march
We must have a victory
For the Green & Gold
So fight, fight, fight!
Win for Humboldt State!*

(Basketball version)

No. 10

Celebrate HSU's Precise 100th Birthday Wherever You Are!

On April 6, 1914, classes opened at Humboldt State Normal School in what one historian has dubbed a "drab" and "austere" building. Things certainly have canted for the better in the last 100 years. Mark the date and make a toast to your alma mater (hint: April 6, 2014, is a Sunday. The perfect day for an HSU Centennial barbecue in your backyard?). HSU alumni are known for throwing "watch parties" across the country during big HSU sporting events. Enterprising alumni everywhere will find their own ways to mark this special day.



In a Word,

What Does Humboldt Mean to You?

LAST YEAR, HUMBOLDT State launched "Humboldt in a Word," a project to discover what HSU means to those who are part of our extended community.

Through the project's website—at humboldt.edu/oneword—you can share how the university has touched your life. Many submissions so far have focused on meaningful experiences, while others are light-hearted.

"Sandbox"—Mike Dronkers ('99, Journalism)

"You can get in, you can get dirty, it's kind of fun, you can make mistakes, nobody gets hurt, but at the end of the day, you learn what works and what doesn't."

"Synergy"—Tasha Souza, HSU Communication professor

"Students really rise to the challenge, which is inspiring for all of us. The synergy keeps me coming to work every day."

"Belonging"—Cassie Hobbs, ('08, Psychology)

"For me, Humboldt State was the first place in my life that made me feel like I belonged. As a sanctuary for bright, unique people, HSU was a vibrant and challenging community that encouraged courage, respect and growth."

"Character"—Nicole Chenault, ('12, Anthropology)

"Humboldt allows you to build character. It has a charismatic character of its own and I wouldn't be the individual I am today without the influence of HSU's character on my own."

"Magic"—Gregg Gold, HSU Psychology Department Chair

"Because wonderful things happen here."

"Nature"—Ruth Bettenhausen, Parent of HSU graduate

"HSU is not only located in one of the most beautiful natural places in the world but it embraces the natural world in its core teaching and research mission. Its students live in this beauteous natural place, learning about nature, enjoying its uniqueness and incorporating this knowledge in their worldview."

"Continuity"—Guy Aronoff, HSU History lecturer

"Friendships/commitments, education, community, future. HSU ties it all together!"


For HSU President **Rollin Richmond**, HSU means **"Difference."** Social Work professor **Ronnie Swartz** went with **"Further"** and Theatre, Film, and Dance professor **Bernadette Cheyne** chose **"Love."** Student **Lyssette Rodriguez** chose **"Alive"** while others have chosen **"Epic,"** **"Elastic,"** and more.

SO, IN A WORD, what does Humboldt State University mean to you? Share your connection to HSU and the one word that captures that spirit.

Share your word!

humboldt.edu/oneword

Humboldt in a word

A full-page background image showing two men on a film set in a desert. The man on the left, wearing a light blue shirt and a tan hat, is holding a camera. The man on the right, wearing a plaid shirt, is operating a large professional video camera mounted on a tripod. In the background, there are tall evergreen trees and a large plume of white steam or smoke rising from the ground, suggesting a geothermal area like a hot spring or mud pool. The sky is clear and blue.

Documenting an ENVIRONMENTAL LEGACY

Students and Faculty Lead Major Project to Connect Californians with Their Natural Environment

Arianne Aryanpur

During a recent film shoot in the Anza-Borrego Desert, HSU Film professor David Scheerer stumbled upon something rarely caught on camera: a baby hummingbird—weighing less than five grams and no more than a few weeks old—feeding with its mother. The scene became even more compelling when the fledgling suddenly spread its wings and flew, leaving its nest for the very first time.

Scheerer was in Anza-Borrego on a film shoot for the California Environmental Legacy Project, a state-wide initiative led by HSU Biology professor Jeffrey White. It's designed to highlight environmental change in California.

From the majestic redwood forest to the stunning Anza-Borrego Desert, California is a treasure trove of natural beauty. It boasts a greater diversity of flora and fauna than any state in the nation.

Film professor and director David Scheerer (left) and director of photography, Tristan Whitman, prepare to film hot springs and boiling mud pools at Lassen Volcanic National Park.



LEFT: Capturing a 200-foot ascent into the redwood canopy is a daylong process.

ABOVE: A two-mile hike from Cold Boiling Lake, Bumpass Hell contains the largest concentration of geothermal features at Lassen Volcanic National Park. The area was named after a settler who burned his leg after falling into a pool.

BELOW: Scientists and filmmakers spotted this creature, an *Ambystoma gracile* or northwestern salamander, during filming in Klamath National Forest.



FOR THE PAST several years, a group of HSU students, professors, staff and alumni has been part of a major effort to connect Californians with the natural world around them. The California Environmental Legacy Project brings together scientists, educators and media professionals from around the state to inspire environmental stewardship through media.

The project consists of a two-hour PBS documentary called “Becoming California” tracing California’s environmental past, present and future. There is also a series of short films and podcasts—produced by Scheerer—highlighting the cultural and environmental history of five state and national parks. These projects, along with an online education portal and training program for science teachers, will be unveiled this summer.

A VISION BLOOMS

HSU HAS BEEN a key player in the Legacy Project since its inception in 2005. The inspiration for the project began with Jim Baxter, a biology professor at Sacramento State. Baxter conceived the idea in the early 1990s, after seeing a photographic essay depicting society’s effect on the San Francisco Peninsula. Moved by the dramatic transformation, he partnered with White. In 2005, the two set out to produce a full-length film illustrating how California’s environment had changed over time.

“This project grew out of the notion that most Californians don’t feel connected to nature or understand the relationship between human activity and environmental change,” explains White, who is now the project’s executive producer. “What we wanted to do was re-imagine how science, technology and media can work together to educate and inspire us to act as true partners with nature.”

Early support for the project came in the form of grants developed by White as part of the Redwood Science Project, which he co-directs with Julie Van Sickle, an HSU alum and faculty member in the Department of Environmental Science & Management.

The project got a much-needed boost with a \$3 million grant from the National Science Foundation in 2009—the largest of its kind that year in the nation.

With the ball rolling, White and Baxter built public support for the program by partnering with organizations such as the state and national parks services, the U.S. Geological Survey, UC Davis and the San Diego Natural

History Museum. They also received a number of high-profile endorsements from state and local leaders

“For me, what’s most exciting about the project is that it provides a new way for scientists to share their knowledge,” said HSU President Rollin Richmond in 2009. “Californians care quite deeply about our natural environment. They want to understand it better and protect it, and this will help.”



MERGING SCIENCE AND FILM

IN 2009, WHITE recruited Scheerer, a director and producer with 25 years of experience producing award-winning science and natural history films. Scheerer was charged with producing the “Changing Places Initiative,” a series of educational films and podcasts throughout California: Anza-Borrego Desert State Park, Point Reyes National Seashore, Lassen Volcanic National Park, Baldwin Hills Scenic Overlook State Park, and Redwood National and State parks.

Scheerer and White assembled a world-class team of researchers, educators, scriptwriters, cinematographers, editors and sound mixers. They were charged with telling the scientific, geological and cultural history of each location. “Our goal was to tell the story of how these places came to be,” Scheerer says. “For example,

how did the largest trees in the world come to be living on the Franciscan mélange, home to the most unstable soil on earth?”

Using high-definition video, narration and computer generated images, Scheerer and White took on the task of bringing the state and national parks to life. They worked with scientists and park officials to determine the best way to tell the unique story of each location.

One of the unique things about the Legacy Project is that it relies on a close partnership between scientists and filmmakers, Scheerer explains. “Usually in a film project of this size, the filmmaker will direct the content because they are trained in how to tell the story,” he says. “But in this case, scientists are providing input every step of the way.”

One such collaborator was Michael Kauffmann, an HSU Biology graduate student and author of *Conifer Country*, a natural history and hiking guide of the Pacific Northwest. An expert on regional conifers, Kauffmann was tapped to edit the script for a film on the redwood forest. He conducted background research for the scriptwriters and

“What we wanted to do was re-imagine how science, technology and media can work together to educate, connect and inspire us to act as true partners with nature.”

– JEFFREY WHITE
HSU BIOLOGY PROFESSOR,
CALIFORNIA ENVIRONMENTAL
LEGACY PROJECT EXECUTIVE PRODUCER

Changing Places

Using aerials, 2-D and 3-D animations, the Changing Places Initiative tells the story of five state and national parks. Each film features an original score and interviews with scientists, park officials and visitors. The films, and their accompanying podcasts, will be available online later this year at calegacy.org/category/places and at park visitor centers.



1 REDWOOD NATIONAL AND STATE PARKS
This film tells the story of the contrasting and contradictory factors that make redwoods so unusual and the forest so remarkable. Despite what appears to be stable ground, the earth beneath the redwood forest is some of the most geologically unstable terrain in North America. How these majestic trees thrive is one example of their enduring nature.

2 LASSEN VOLCANIC NATIONAL PARK
Lassen Peak is an extreme landscape of tectonic collisions, mountain building and geothermal pools. Its unique set of geothermal conditions house microorganisms that are harbingers of the earliest forms of life on earth.

3 POINT REYES NATIONAL SEASHORE
From dairy and oyster farming to sea lion sanctuaries and tourism, Point Reyes’ natural resources sustained early peoples and continue to do so today. This film looks at the commitment of park and local officials to maintaining these interconnected natural systems.

4 BALDWIN HILLS SCENIC OVERLOOK STATE PARK
This film tells the story of how the Los Angeles Basin was formed and the pivotal role that oil played in its transformation into one of the most developed and re-engineered urban environments in the world. Through the work of committed citizens, Baldwin Hills is now a restored natural area and new state park that has become a refuge for city dwellers.

5 ANZA-BORREGO DESERT STATE PARK
Once a fertile savannah, the Anza-Borrego gradually transformed into what it is today: a parched landscape with stunning vistas. After exploring the park’s unique geologic and biologic origins, filmmakers tell the story of a landscape where water is its most treasured resource.

vetted the final product to make sure it was both understandable and scientifically accurate.
Kauffmann also brought extensive experience as an elementary and middle school math and science teacher—skills that came in handy while working on the Legacy Project. “It was a lot like teaching in the sense that I was taking complex scientific topics and making them digestible,” he says.

RECREATING MARINE HABITATS AT TELONICHER

ANOTHER WELL-KNOWN COLLABORATOR was HSU alum Rick Rosenthal (’67, Zoology), an underwater cinematographer who has produced several natural history films for the BBC, PBS, National Geographic and Discovery channels.

Last spring, Rosenthal visited HSU for an underwater tank shoot at the Telonicher Marine Lab in Trinidad. Working with Scheerer and HSU graduate student Will Goldenberg, he recreated three natural habitats using tanks, fish and foliage provided by the HSU Fish Hatchery. Over the course of two days, they filmed marine wildlife found in Tamales Bay in Point Reyes National Seashore, tide pools and a coastal redwood stream.

Rosenthal utilized macro photography to capture a high level of detail on film. “By replicating natural environments in a controlled setting, we can film habitats and animal features we can’t otherwise access easily,” Scheerer says.

From macro-photography to specialized camera equipment, being on set with Scheerer and his crew means witnessing some of the latest techniques in natural science filmmaking. For example, in another shoot at Redwood National Park, Scheerer partnered with HSU Forestry professor and Kenneth L. Fisher Chair in Redwood Forest Ecology Stephen Sillett, who is internationally known for climbing and studying the tallest trees in the world. The shoot was part of a film exploring the unique biology of the redwood forest.



ABOVE: Filmmakers used salmonid fries and other features collected from local rivers to recreate the habitat in the controlled environment of the Telonicher Marine Laboratory. **BELOW:** Filmmaker Rick Rosenthal (’67, Zoology) worked the California Environmental Legacy Project crew on filming marine habitats throughout the state.



For more information on the California Environmental Legacy Project or for a sneak peek of the work visit calegacy.org



LEFT: Crews outfitted Forestry professor Stephen Sillett (right) and his climbing companion with microphones during their ascent. As they climbed, the researchers narrated for the camera. **ABOVE:** Wildlife graduate student Will Goldenberg (foreground) sets up video equipment with director of photography, Tristan Whitman (center), while location sound mixer, Tim O'Malley ('11, Theatre, Film & Dance) makes final adjustments to the audio recording equipment. **BELOW:** Martha Cardona ('13, M.S. Biology) created podcasts about the Anza-Borrego Desert State Park.



Scheerer and his crew worked closely with Spider Cine—a specialized rigging firm that builds custom cable and camera dollies for natural science films. The group's chief engineer, Marty Reed, is also an equipment technician for HSU's Department of Biological Sciences. For this particular shoot, they outfitted Sillett with a microphone, then filmed his ascent into the upper redwood canopy using a remote-controlled camera dolly.

Alum Tim O'Malley ('11, Theatre, Film & Dance) was the sound mixer on the shoot and he outfitted Sillett with a radio microphone. "The entire process was pretty crazy," recalls O'Malley, who was monitoring the sound from the ground. "He'd be describing the features of a salamander on camera from a fern mat hundreds of feet up in the canopy."

the indigenous Kumeyaay, people native to the southwest United States and northwest Mexico.

It's been an invaluable experience for Goldenberg, who is pursuing a career in wildlife cinematography. "The opportunity to explore California's landscape and learn the tricks of the trade from some of the most talented filmmakers in the business has been an amazing privilege," he says.

Martha Cardona ('13, M.S. Biology) another graduate student, is also considering a career in wildlife cinematography. Cardona made the Legacy Project the subject of her master's program. For her final project, she wrote, edited and produced two podcasts on the Anza-Borrego Desert. The first highlighted the area's bighorn sheep and the other featured its frog and toad populations. Cardona,

"By dubbing the podcasts, I am reaching California's large Spanish speaking population. That is one of the things that attracted me to this project—the ability to reach a wide audience through the power of film."
— MARTHA CARDONA ('13, M.S. BIOLOGY)

TAPPING INTO STUDENT TALENT

O'MALLEY IS ONE of a handful of recent graduates involved in the project. After graduating from HSU in 2011, he started Impact Productions, a pre- and post-production sound service company whose clients include eBay, Dove and the U.S. government.

O'Malley got his feet wet as an undergrad, helping Scheerer produce a feature film. But he credits his sound mixing skills to HSU Film Technician Steve Limonoff. "Both Steve and David have a great wealth of knowledge that I was able to tap into."

On the Legacy set, O'Malley was the lead sound mixer, which meant knowing proper mic technique and placement. "It's a lot like using different paint brushes for different environments," O'Malley explains. Filming inside a reverberant house, for instance, is a lot different than filming in a wide, open field. And when it comes to nature, unpredictability is the biggest obstacle. "You might have the mic set up and then, cue the airplane or the chirping crickets. Unfortunately there isn't something called a cricket filter."

Another student who gained plenty of hands-on experience on the project was Goldenberg ('13, M.S. Wildlife). Since 2011, Goldenberg has worked as an assistant camera operator for all four cinematographers on the project.

In August, Goldenberg traveled with Scheerer to Lassen Volcanic National Park to record active forest fires. And during a recent trip to the Anza-Borrego, he hiked to a remote cave to film pictographs—or rock drawings—sketched by


who grew up in San Diego, is planning to dub each media project into Spanish.

"By dubbing the podcasts, I am reaching California's large Spanish-speaking population," she says. "That is one of the things that attracted me to this project—the ability to reach a wide audience through the power of film."

CONNECTING WITH NATURE

CONNECTING PEOPLE WITH nature is at the heart of the Legacy Project. This spring, Scheerer is offering an environmental media master class that will allow students to use raw footage from the project's film archives to create their own short films and podcasts. No prior film experience is necessary.

For John DeMartini, HSU Biology professor Emeritus and scientific consultant on the project, the Legacy Project represents a possible antidote to "nature deficit disorder," a popular term that describes mankind's increasing isolation from the natural world and each other. "We're not getting outside, we're not interacting with living things in our world," he says.

And at the end of the day, that's what the Legacy Project is all about, Scheerer says. "I think a lot of people somehow think of the natural world as separate from us. Our goal here is to remind people that we are all part of the wilderness we yearn to know and witness, and that the stories of these places are *our* story." 

Spotting the Show

Art Students Learn the Keys to a Great Exhibit

Jarad Petroske

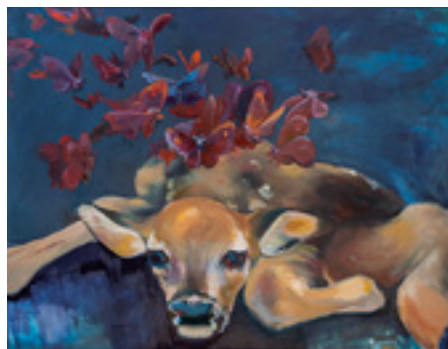
WITH MULTIPLE GALLERIES, plenty of exhibitions and a permanent collection containing hundreds of pieces, the students enrolled in HSU's Art Museum & Gallery Practices certificate program make university spaces come alive with beautiful and frequently intriguing pieces of art.

In the program, students learn the art of managing museums and galleries. This includes everything from deciding where the pieces will go (known as "spotting"), to the actual hanging and mounting of the work. Plus there's the publicity, which includes drafting media releases, designing post cards and flyers, and more.

"From the perspective of an artist, I've really learned a lot about how it works on the other side of things. When you know how a gallery operates, it makes it a lot easier to get ready for a show as an artist. It'll make them want to work with you again," says Malia Penhall, a student assistant in the program.

Some exhibits can be straightforward, containing relatively few pieces. Others? Not so much.

One exhibit called for more than 300 miniature toy guns to be hung in the Reese Bullen Gallery. Enterprising students designed and built a special grid system from zip ties and monofilament to hang the work. After the show came down, the students were so fond to their grid they wanted it to stay. Michele McCall-Wallace gave her okay, as long as it didn't shadow other pieces. From a visitor's perspective, the grid



A detail from Rebecca Babb's "Oh, Deer," acrylic and oil on canvas. The painting received the 2012 President's Purchase Award and was added to HSU's permanent collection.


has the appearance of a well-designed architectural feature.

When *Humboldt* magazine caught up with the program's students, they were busily spotting the department's annual juried show, a showcase of the best work in the department. The students enrolled in instructor Wallace's Art 356 class were paring down more than 300 entries into the few dozen that made the cut.

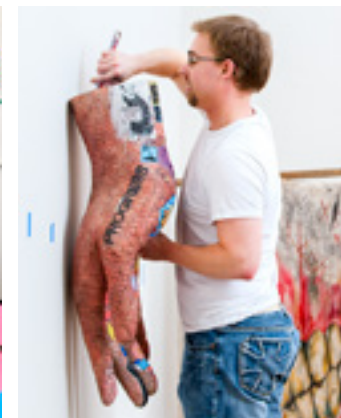
"With so many styles, media and genres, we're trying to make a cohesive show," says Penhall, a student assistant. She also serves as director to the Student Access Gallery, which

exhibits student work at three galleries across campus.

In less than 24 hours, the gallery was ready for the show's opening night, which included an awards ceremony and reception. The show's biggest prize, the Presidential Purchase Award, was presented to Rebecca Babb for her acrylic and oil on canvas painting, "Oh, Deer." As part of her award, Babb's piece will join the campus' permanent collection.

In 2012, Department of Art retired its annual juried show. Taking its place is the inaugural graduate exhibit, April 18 to May 18. 

Check humboldt.edu/events for upcoming events.



HSU's Art Scene

First Street Gallery

LOCATED AT 422 First St. in Eureka, the First Street Gallery hosts artists from around the globe. First Street is always one of the most popular spots at Eureka's Arts Alive!, the first Saturday evening of every month.

Goudi'ni Gallery

LOCATED ON CAMPUS in the Behavioral & Social Sciences Building, this gallery preserves and promotes indigenous culture by highlighting the work of contemporary and traditional Native American artists. The gallery exhibits about four shows a year.

The Permanent Collection

STUDENTS IN THE Art Museum & Gallery Practices certificate program manage the campus' permanent collection, which contains more than 1,000 pieces. Every year a few pieces of student work are added to the collection.

Student Access Galleries

IN THREE VENUES—Karshner Gallery in the UC Center; the Foyer Gallery in the Art A Building; and the SBS Gallery in the Student Business Services building lobby—students gain gallery exhibition experience, presenting four shows per semester at each location.

FACING PAGE TOP: Student assistant Malia Penhall (center) guides two art students in spotting the Department of Art's juried student exhibition. Spotting refers to the placement and arrangement of pieces in an exhibit. **TOP:** The exhibit's hand-lettered signage is not only eye catching, it underscores the hands-on approach of Department of Art's curriculum. **MIDDLE LEFT:** Students in the Art Museum & Gallery Practices program work on final touches to the exhibit's publicity materials. **MIDDLE RIGHT:** A student hangs a piece before the show. **BOTTOM:** Patrons fill the Reese Bullen Gallery. This April, HSU's Department of Art inaugurates a new capstone exhibit, the Graduate Exhibit.

Why I Became a Professor, and Other Musings

Professor Hari Singh, Chair, HSU School of Business



Professor Hari Singh

NOVEMBER 1980: The apartment is cold ... my first winter in Chicago after coming from India. I am a graduate student at the University of Illinois at Chicago working on a doctorate. I am shivering and reading a great book, *Goodbye, Mr. Chips* about a British teacher who dedicates his life to teaching (one of my favorite actors, Peter O'Toole, played the role in the 1969 movie) ... when a thought flashes through my mind:

If I read some books (which I would read anyway) and mumble what I have read in front of some unwitting students somebody would actually pay me to do it.

The impact of the epiphany is so powerful I almost fall off my chair. I decide to be a professor and continue to read a wide range of books. My favorite newspaper becomes the *New York Times*. It is my daily bible and my touchstone about the reality around me. My colleagues tease me, "If Hari has not read about an event in the *New York Times*, it has not happened yet!"

July 1989: I am undergoing language training in Hawaii ... at the Manoa campus before my Fulbright deployment to Malaysia. A colleague asks, "do you want to go for an island tour early tomorrow morning?" I nod my head. However, in the morning I get lazy and I don't wake up in time. The plane with my colleague in it crashes ... one of the worst small air disasters in Hawaii. I call my wife and point out, "Don't tell me my laziness has no value ... it saved my life today!" Another insight hits me:

Do what you need to do right now ... the time to check out might come at any time.

I make a bucket list of nine things I need to do for sure. I make sure that all of them are completed within the next two years.

April 1994: I am a consultant at the World Bank during a sabbatical, writing a paper about foreign direct investment in the International Economics Department. You know the routine, collecting mounds of data ... running regressions ... trying to find a *significant pattern* in the data. The result is interesting but not really exciting: It appears countries with low political risk attract more foreign capital. I decide to take a coffee break and talk to some other economists on the lower floor in the International Finance Department. They are trying to solve a complex problem in Indonesia about food subsidies. I ask them if they have read the papers on this topic written

by the International Economics Department. They look at me as if I am from another planet. I swallow another epiphany with the coffee:

How are we economists going to solve the world's complex problem when we don't read each other's papers?

The thought is so disturbing that I stop working on my paper for a while. Eventually I have to complete it ... otherwise the World Bank would not have paid me.

September 2006: Another sabbatical is coming up ... have to find something exciting to do! I am reading a great book, *Sophie's World*, a fantasy novel about the history of philosophy. I get an idea ... how about writing a book about solving a murder mystery on campus? Students would be taking a class about decision strategies from this crazy professor and they apply these concepts to solve the mystery. By some fluke, this book I write is featured in the *New York Times*. I go outside my front door to pick up my copy of the *New York Times*, and a sacrilegious thought goes through my head:


I am going to pick up my bible and I am going to find my name in it ... it does not get better than this ... ever.

Because I am an unknown author, Amazon.com stocks only seven copies of my book. On that day they are out of copies by 6 a.m. and a message flashes "Available for order within 3 to 6 weeks." My dreams of writing a best-seller grind to an abrupt halt.

October 2012: We are having a vigorous discussion about how to teach sustainability in the re-designed MBA program at Humboldt State University. How do you teach in an area that is changing every day? Even the case study method sounds static and stale. We come up with an innovative idea. Why don't we profile some cutting edge companies and teach all the functional aspects of business based on the data/information from these companies? This will force us to be current and it will create a dynamic platform that will be changing ... as these corporations frequently react to new challenges. We can teach students how to integrate different elements of a business ... finance, marketing, accounting, management, strategy ... all in real time. A nagging notion pops into my head:

Normally university curricula lag by several years ... we will be lucky if we are a few months behind!

For some mysterious reason these epiphanies seem to come once every five or 10 years ... and when they do ... they tend to wreak havoc.

Hold that thought! Don't give me another epiphany. I want tomorrow to be a normal day. 

Submit a class note: humboldt.edu/classnotes

or email: alumni@humboldt.edu

Class Notes

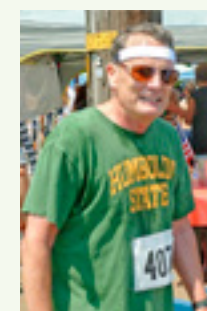
1960s

GEORGIA MCDANIEL, 1962 Education, recalls her time at Humboldt State along with her husband, Stanley K. McDaniel ('61 Communication). She and her husband had a 3-year-old son when they enrolled and he worked the night shift at Rodiscraft, a particleboard company. They were the first married couple inducted into the school's honor society. At the time there were fewer than 1,000 students enrolled. Stan graduated in 1961 and later received his master's degree from HSU before going to Indiana University for his doctorate. He is now retired from the University of Tennessee. Georgia was delayed a year due to the birth of their daughter the week before finals in her sophomore year. She earned a bachelor's degree with a major in Elementary Education in 1962 and another in Home Economics in 1976. She then went to Lesley College in Boston for her master's degree. She is retired from teaching elementary school in Knox County, Tenn. She and Stanley could park at the bottom of the hill and quickly get to Founders Hall to class.

DEANNA DICK, 1964 Zoology, retired from a career in the clinical laboratory field, beginning in Chico, Calif., and ending back in Eureka. She is now running a small farm between Eureka and Arcata and enjoying being back on campus in the Over 60 Program studying Piano and Music Theory.

ROBERT NISBET, 1965 Forestry, moved from forest growth modeling at UC Santa Barbara, to customer behavior modeling with data mining tools at AT&T in 1994, and never looked back. He retired from Santa Barbara Bank & Trust in 2009 as associate vice president of Technical Services. Nisbet thought he would just relax; what happened was very different from that. He published his first book, *Handbook of Statistical Analysis & Data Mining Applications*, and it won the Prose Award from the Association of American Publishers for the best writing in a book in the mathematics category published

in 2009. Next came *Practical Text Mining*, and Nisbet's author team is working on a third book on predictive analytics in medicine and health care. Currently, he serves as an instructor in the Predictive Analytics Certification Program in the UC Irvine Extension program.



ROBERT LACKEY, 1967 Fisheries, resides in Corvallis, Ore., with his wife Lana Apparius Lackey (HSU '66-67). In 2008, he retired from the Environmental Protection Agency where he was deputy director, among other positions, of the agency's Corvallis

Environmental Research Laboratory. He now works as a professor of Fisheries at Oregon State University, where he continues teaching, research, and consulting, but still makes time to enter the occasional 5K race.

KENNETH JAMES TOWNSEND, 1967 Business, is now retired after 30 years of federal service with the U.S. Government Accountability Office, U.S. Bureau of Reclamation, and the Department of Energy. A U.S. Army Vietnam veteran, Townsend has enjoyed worldwide travels with his wife of 47 years, Emilie (Britvec) Townsend (HSU '66). "I will always treasure our years at HSU where we met and married," Townsend says.

JERRY WAYNE COPELAND, 1968 Botany, is currently working on a Flora of the Tetragonostachys, a major subgenus of the plant genus Selaginella. This will be a long-term project beginning with species found in North America. The Flora is being constructed as a series of Excel interactive workbooks and is free via email to those who are interested. -Editor's note: visit alumni.humboldt.edu for info on connecting with fellow alumni.

RICK HOFFMANN, 1968 Forestry, has retired from full-time employment after two careers—entomology research (at UC Berkeley) and science teacher. He now works as a science education consultant, substitute teacher, and tutor to students in science.

1970s

EARL MILLER, 1970 Business, went on to earn his teaching credential in 1971 at Humboldt. Miller retired in 2008 from the Chaffey School District in Ontario, Calif., after 36 years as a teacher, coach, counselor, and assistant principal. He married in 1974 and has two children, Andrea and Zack, with his wife Anita. In 2011, Miller started the Jim and JoAnne Hunt Scholarship Fund for track and cross-country athletes with Gary Tuttle ('69), Vince Engle ('70), Pete Pedroza ('71), and Bill Scobey ('72). They raised \$5,000 last year and are hoping to raise \$6,000 this year. Like to help? Contact Miller through the Alumni Association website. "Humboldt was a great place. Help us help some others enjoy the experience," Miller states.

MARY WICKSTEN, 1970 Biological Sciences and 1972 Biological Sciences, is a professor of Biology at Texas A&M University. She just finished her major publication, "Decapod Crustacea of the Californian and Oregonian Zoogeographic Provinces," in the journal *Zootaxa* this year. This monograph contains keys, illustrations, short descriptions and information on range, depth, habitat and living color for all crabs, shrimps and lobster-like species, freshwater or marine from the shore to the abyss from Washington to mid-Baja California. Wicksten says, "Yes, I am sending a copy to the Humboldt Marine lab!"

ROSALIND (SPRING) BURGUNDY, 1973 Art and Elementary Teaching Credentials, retired from



Photos Courtesy Tre Ghoshal

Tre Ghoshal Bringing Humboldt to Haute Cuisine

RENOWNED RESTAURATEUR AND certified master chef Tre Ghoshal ('02, History) has trained with chefs around the country. But ask him where he developed his love of food and he'll tell you Humboldt County.

Ghoshal entered the restaurant business when he was 13, working his way up from dishwasher to cook at restaurants in his home state of New Jersey. By the time he graduated from high school in the '90s, he was ready to expand his horizons.

Ghoshal's interest in new experiences brought him to Humboldt State, where he majored in History. His first love, however, was cooking. Working with an advisor, Ghoshal created a schedule that allowed him to attend class twice a week. On the remaining five days, he alternated working at Abruzzi, Golden Harvest Cafe and Larrupin' Cafe in Trinidad. "I put in a lot of hard work and basically managed to become a chef while I was going to HSU," he says.

One of his most memorable cooking experiences was working at the Eureka Inn's Rib Room under renowned chef Mark Campbell. "He taught me about the great mushrooms—the morel, the trumpet, the oyster—and, of course, the goat cheese," Ghoshal says. "He really mentored me in California cuisine."



Cooking in Humboldt County deepened Ghoshal's appreciation of fresh, local ingredients and also transformed his relationship with food. "That was around the time when I really began to develop a consciousness around food and eating," he says. "The Arcata culture—of loving the earth and living holistically—really had a profound affect on me."

Ghoshal brought that perspective back with him to the East Coast after graduating, where he attended

culinary school in New York, then worked at several restaurants before opening his own restaurant in Montclair, N.J., in 2011. Adara fuses Ghoshal's love of global cuisine with his interest in modern culinary techniques such as molecular gastronomy.

The menu reflects Ghoshal's Indian upbringing, his travels abroad and the years he spent at Humboldt State. His homage to Humboldt County is the "Smoky Forest," a dish that consists of a mushroom composition and Cypress Grove goat cheese fritter. The meal is served on a plate made of Douglas fir and encapsulated in a lavender vapor, designed to emulate Humboldt County's fog. "It's absolutely reminiscent of my time there," Ghoshal says, "For me, it has Humboldt written all over it."

her last teaching position at Modesto Junior College as an English-As-Second-Language Instructor. With more than 45 years of world travels, including working in the Roman Forum, she now focuses on writing about the Etruscan (pre-Roman) culture. Burgundy says, "Although they are long gone, the vibrant spirit and attitudes of these ancient, sophisticated people is deep in my soul." Her Etruscan historical novels are *Odyssey of an Etruscan Noblewoman*, *Tuscan Intrigue* and *Song of the Flutist (Epic of the Ancient Etruscans)*.

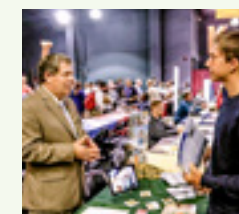
KATHLEEN DUNN, 1974 Nursing, was selected to receive the Department of Veterans Affairs Secretary's Award for Nursing Excellence (RN-Expanded Role) for 2012. She received her award from V.A. Secretary Eric Shinseki in Washington, D.C., on June 1. This award is given annually and only once in the recipient's lifetime.

ROBERT WILLETT, 1975 Wildlife Management, has attended other colleges since HSU for his career needs and had to move away from Humboldt County and return to his roots in the Bay Area to find the right career for himself. While at HSU, he joined the Eureka Police Department as a Reserve Police Officer and then, once finished at HSU, Willett attended College of the Redwoods where he began taking Administration of Justice courses while applying for positions at various police departments. Within a year, Willett was hired by the Fremont Police Department, where he completed a 30-year career. While working at FPD, Willett obtained a teaching credential and taught high school Administration of Justice for 15 years.

DAN SIMPSON, 1975 Natural Resources, teaches high school Science and Math at Hope Christian Academy in Marsing, Idaho.

RODNEY MERRILL, 1975 Sociology, earned his Ph.D. in Social Science in 2011 at Tilburg University, in Tilburg, The Netherlands.

ROBIN DELOZIER, 1976 Home Economics (Nutrition), has called Arcata her hometown since birth and remembers Humboldt as a great school and Arcata as the "true" northern coast of California.



MITCH WALDOW, 1976 Journalism, recently joined the HSU Alumni Ambassador program and attended the Santa Monica Unified college fair at the SM Civic Center.



Gareth Elliott ('92, Political Science) (right) passes Gov. Jerry Brown legislation for signature.

Gareth Elliott

A Top Advisor to California's Governor

BEHIND EVERY POLITICIAN, there's a team of trusted advisors. For California Gov. Jerry Brown, HSU alum Gareth Elliott ('92, Political Science) is a big part of that team.

Elliott is the governor's secretary of legislative affairs, serving as his top emissary to the California State Legislature. It's an important responsibility that requires thick skin, discretion and sound judgment. "One of the most rewarding parts of my job is that I get to learn from someone who has so many years of experience," he says.

Elliott got his first taste of politics when his mother took him to a political rally for then-presidential candidate Jesse Jackson in the 1980s. By the time he arrived at HSU, his sights were already set on politics.

As a student, Elliott joined the Political Science Club, played lacrosse and led the university's Big Brothers Big Sisters mentoring program. One of his favorite activities was debating current events in his introduction to politics class.

After graduating in '92, Elliott worked for a congressional campaign in California, then spent three years on Capitol Hill. In the late '90s, he began campaigning for then-California Assemblyman Don Perata, who went on to become a senator and President Pro Tempore of the California State Senate. In 2011, he was appointed legislative affairs secretary by Brown.

In addition to serving as the governor's advisor, Elliott manages a staff of 10 deputies who specialize in issues like education, transportation, public safety and the environment. The governor calls on them to clarify bills, draft veto messages and determine how to respond in congressional hearings.

Some of the most frenetic times are when the governor has hundreds of bills to veto or sign into law, Elliott says. "We just went through a very intense period where we had 30 days to get through hundreds and hundreds of bills. It's hectic, but I have to pinch myself sometimes that I am the one sitting across the table discussing these issues with the governor."

Cheryl Millett: Heading Off South Florida's Python Invasion

WOULD YOU KNOW what to do if you found a 17-foot long Burmese python in your backyard?

In south Florida, Cheryl Millett ('05, M.S. Wildlife) is telling residents to "snap a photo, then call the Python Patrol." She heads a program started by the Nature Conservancy in 2008 to contain the spread of Burmese pythons around the Everglades, where their numbers have reached 100,000 in recent years.

The public-private partnership uses a combination of first-responder training and citizen reporting to contain the invasive

species, which officials say is the result of escaped or abandoned pets.

Millett manages a training program for wildlife professionals and law enforcement officials in southern Florida on how to safely and humanely capture the pythons. Common techniques include distracting the snake while a second person grabs it, and pulling the python back by the tail so it thinks it's getting away. She also oversees a public information campaign in south Florida that includes a website, mobile app and toll-free number for citizen sightings.

"We want people to know they can help deal with the problem of Burmese pythons and other invasive exotic animals in Florida even if the idea of the recently found 17-foot by 7-inch Burmese python in the Everglades gives them the heebie-jeebies," Millett says.

As a graduate student, Millett had many opportunities to conduct wildlife research. For one project, she helped research and monitor the threatened Pacific Coast snowy plover population with Biology professor Mark Colwell. That position helped her get a job with the Nature Conservancy after graduating from HSU, where she coordinated a citizen science program to monitor the threatened Florida scrub jay.

South Florida's Python Patrol incorporates a similar public education program. Because Burmese pythons are so pervasive, Millett wants to ensure that the public is knowledgeable as possible about the reptiles.

People often ask her what happens to a snake once it's been captured. Depending on the Nature Conservancy's needs, they are either used for training or research, Millett says. "It's a win-win for everybody, because we remove the snakes and we also get to better understand them through our research."



Photo Courtesy Cheryl Millett

DENNIS A. HANSELL, 1978 Biological Sciences, is an Oceanography professor at the University of Miami. His research focuses on the ocean carbon cycle, with particular interest in the role of organic matter. Presently, Hansell serves as chairman of the United States Carbon Cycle Scientific Steering Group. Hansell will be participating in a research cruise in early 2013, in the Ross Sea of the Southern Ocean (53 days at sea), followed by June cruise in the Gulf of Alaska.

1980s

ED BUSCH, 1980 Fisheries Biology, shares the news that his project with Civil War letters and photos at Michigan State University's Archives & Historical Collections went online the month of October 2012.

MARK WHITE, 1983 Natural Resources, teaches high school biology at Chaffey High School in Ontario, Calif. He is married with one child and, in 2009, completed the La Ruta de Los Conquistadores, a four-day mountain bike race.

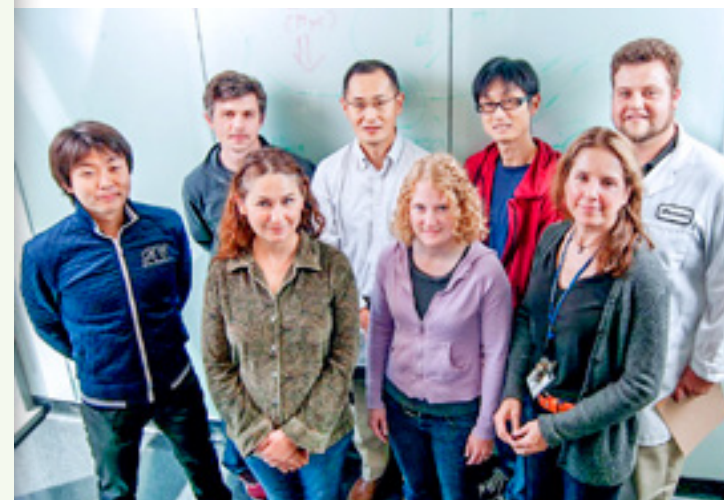
THOMAS DORST, 1984 Business Administration, after earning an MBA from San Jose State University with honors (Beta Gamma Sigma), has been working at the same company for the past 26 years. Dorst is currently the deputy director of business management responsible for operations finance, program planning and financial control, estimating and pricing, rates and budgets, compliance and archives.



Estrada (Right)

LARRY ESTRADA, 1984 Forest Resources Management, has been working with the U.S. Army Corps of Engineers, Los Angeles District, as an assistant district counsel, at the district's labor counselor, since December 2009. He formerly was with the Law Department for the U.S. Postal Service, from 1998 to 2009. On Oct. 15, 2012, Estrada was awarded the Department of the Army's Achievement Medal for Civilian Service. The Achievement Medal for Civilian Service is for exceptionally outstanding and continual stellar service as the deputy counselor concerning employee labor relations during the period of Sept. 14, 2011 to Sept. 14, 2012. Estrada distinguished himself by providing extremely proficient civilian human resource legal advisory services to the

Cody Kime: On the Frontier of Stem Cell Research



Photos Courtesy Cody Kime

CODY KIME ('10, Cellular Molecular Biology) is working on the leading edge of regenerative medicine. The Eureka native is a research associate in the San Francisco lab of Nobel Prize laureate Shinya Yamanaka, who won the 2012 award in medicine for developing a technique that turns mature skin cells into cells that can develop into any cell in the human body. The revolutionary method—which involves reprogramming a cell's DNA—has completely revolutionized the fields of cell biology and stem cell research.

"It's really an amazing feat," says Kime, who began interning for Yamanaka through the California Institute for Regenerative Medicine's Bridges Program in 2011. "What Shinya was able to do is show the world that a cell is not permanent. If you push it hard enough, you can override its programming to create the cell you want."

Kime's own interest in stem cell biology began while he was a student at Humboldt State. He was one of the first participants in a stem cell training program, established in 2009 through a \$1.6 million grant from the California Institute for Regenerative Medicine.

"I knew right away that it was going to be an intense program that would teach me the nitty-gritty of stem cell biology," recalls Kime, who got hands-on experience turning stem cells into pancreatic cells through an internship with faculty members Amy Sprowles and Jacob Varkey. Kime also conducted research for professors Mark Wilson and Patricia Siering on genetically unidentified organisms in Lassen Volcanic National Park. "One of the things I love about the biology department at HSU is that the professors are not only great scientists, but are also open to guiding undergrads."

Kime's workweek at the Gladstone Institutes often consists of 12-hour days and weekends in the lab. "When I first started I definitely wondered if I could hold my own, but what I found is that I was completely prepared thanks to the mentoring I got at HSU."

One of the most significant impacts of the research is that scientists can now bypass the ethical controversy surrounding the harvesting of embryonic stem cells. Yamanaka's method also allows researchers to develop patient-specific medical treatments. "What we can potentially do is take your skin, turn it into stem cells, turn those into kidney cells, then see what a drug would do to your own kidney cells. The implications for medical screening are remarkable," Kime says.

Cell reprogramming also has implications for regenerative medicine. One of Kime's goals is to eventually engineer cells to create custom tissues and organs. "It's no small feat, but if you read enough in the field you realize it's not entirely implausible."

Kime attributes his career success to the belief that anything is possible with hard work and a little of luck. It's a philosophy he hopes to pass on to his daughters, Liberty and Scarlet, and to future generations of HSU students. "There's opportunity in life," he says. "You just have to find it and push."

TOP: Kime ('10, Cellular Molecular Biology) is a research associate in the San Francisco lab of Nobel Prize laureate Shinya Yamanaka. **BOTTOM:** Yamanaka (top row center) won the 2012 Nobel Prize in medicine for developing a technique that turns mature skin cells into cells that can develop into any cell in the human body.

The Jacobszoon: A Three Generation Forestry Family

WHEN SAM JACOBSZOOM ('14, Forest Soils) graduates from HSU next year, he'll become a third generation Lumberjack, and also the third member of his family to have earned a Forestry degree from Humboldt State.

Sam's father, Randy, graduated with a degree in Forestry Economics in 1982. His grandfather, Dow, graduated in 1970 with a degree in Forestry Management.

The Jacobszoon family legacy began in the late 1960s when Dow learned of Humboldt State from his brother-in-law, Jim Culver, a Forestry Management major from the class of 1960.

"I visited him a couple times in Arcata. I got to thinking, 'Well, maybe I'd be better off doing that,'" recalls Dow, who was a parts salesman at a car dealership in Southern California. "Being out in the woods seemed a whole lot better than being in an office building."

Nearly 30 years later, that sentiment is what drew his grandson to HSU. After graduating from high school, Sam spent a few years working at a ski resort and as a river guide in Utah, New Mexico and Arizona. When it came time

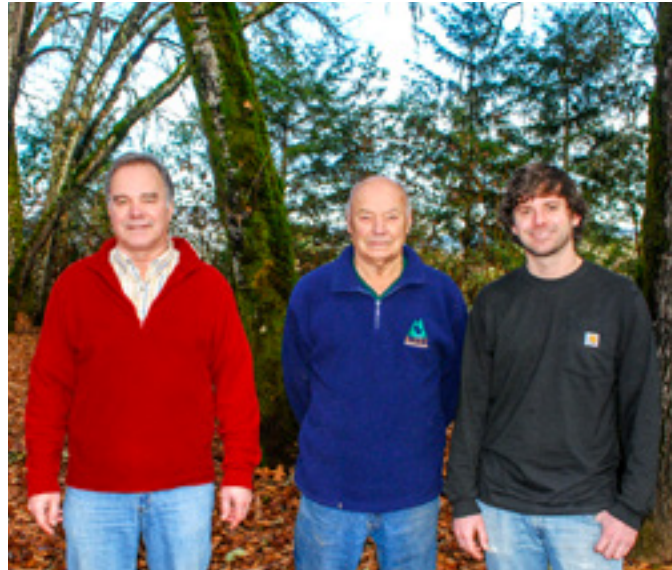
to choose a career path, he was looking for something that would provide financial stability and also allow him to be outdoors.

Because both his father and grandfather pursued careers in logging, forestry seemed a natural choice.

"Ever since I was a kid my dad would take me out with him on the job site," Sam says. "There are other forestry programs, but HSU foresters seem to have a better grasp of where they're going."

Sam's father, Randy, came to a similar conclusion when he chose Humboldt State in the 1980s. "There are only three forestry schools in California and it made the most sense to be near redwoods on the North Coast."

HSU's commitment to hands-on learning was a big draw for all three Jacobszoon men. The university's proximity to the



LEFT TO RIGHT: Randy ('82, Forestry Economics), Dow ('70, Forestry Management) and Sam Jacobszoon ('14, Forestry Soils).

Arcata Community Forest, private and public rangelands and acres of state and national forests make it a prime location for forestry classes. "All your labs are here on campus," says Randy. "It doesn't get much better."

Since graduating from HSU in 1970 and 1982 respectively, both Dow and Randy have maintained a strong connection to Humboldt State. Dow visited his son when he was a student on campus and recently returned to Arcata for his college reunion.

Randy is heavily involved in the Redwood Region Logging Conference, an annual conference that provides financial

support to natural resource programs and California forestry students. Every year, many of the most qualified scholarship candidates come from Humboldt State, Randy says. "HSU students have that hands-on experience that sets them apart from the rest."

In fact, Randy credits Humboldt State for laying the foundation for his own forestry career. The education he earned at HSU helped him

establish his own consulting business in 1995—Jacobszoon and Associates—which he manages today.

Dow also credits HSU for him giving the skills he needed to succeed as a professional forester. After graduating in 1972, he began working for Georgia Pacific, a lumber company at the time. He continued working as a resource manager until his retirement several years ago.

As for Sam, he is considering a stint conducting soils research with the Peace Corps. Eventually, he would like to join the private sector as a forester, like his father and grandfather. "When you're 18, nobody wants to be like their parents," he says. But with two generations before him, he's come to see the positive aspects of a forestry career.

Photo Courtesy the Jacobszoon Family

commander and deputy commander in order to define and propose strategies and flexibilities to best meet the district's mission requirements. His dedication to duty and manner of performance is in the highest traditions of Army Corps of Engineers service and reflects great credit upon himself, the Los Angeles District, and the U.S. Army Corps of Engineers. Since July 2010, Estrada has been performing Mexican folk dance with the Ballet Folklórico Ollin. He began his dance career with the North Country Folk Ensemble in Arcata in 1980. After a break from 1984 to 1989 (Estrada was with the U.S. Forest Service and then in law school), he danced with the Ballet Folklórico de Stanford University from 1990 to 1993, and then was with Grupo Folklórico Los Lupeños de San Jose from September 1993 to November 2009.

PENELOPE LIOTTA, 1984 Wildlife Management, received a Master of Education, conferred December 2012, along with teaching license from Bethel University, in McKenzie, Tenn. She is beginning a new career as a secondary school biology teacher.

JOHN PAUL HUNT, 1985 Geology, recently marked 25 years at SMC, a geotechnical consulting firm in Orange County, Calif., where he has been a partner for the last 10 years. Hunt and his wife, Patty ('85, Business Administration), just celebrated 26 years of marriage. Hunt has also been very active in cross-country mountain bike racing and just recently won his first race. Hunt says, "If only HSU had mountain bike racing back in the day."

BEVERLY WEBER, 1985 Journalism and Mass Communications, completed two master's degrees, one in Adult Education/Distance Learning and one in Psychology. She is currently starting a Ph.D. program in Industrial and Organizational Psychology.

GREGORY DAY, 1986 History, is an attorney in Oregon where he practices family, criminal and disability law. He served as an infantry officer in the Sinai, Egypt and in Afghanistan, and commanded an infantry battalion in Iraq. He is the recipient of two Bronze Stars and the Combat Infantryman's Badge, and is currently a colonel with the National Guard. He has a Master of Arts in Strategic Studies from the U.S. Army War College, and a Doctor of Jurisprudence from the University of Oregon School of Law. Day lives on the Rogue River in Grants Pass, Ore., where

his family enjoys white-water rafting, scuba diving and backpacking together.

TOM SWETT, 1987 Industrial Technology, recently moved to Rancho Cordova, Calif., to accept a promotion with Dignity Health (formerly Catholic Healthcare West) as the director of process reengineering. He previously worked as the regional coordinator for clinical integration in the Arizona market for Abrazo Health Care (part of Vanguard Health Systems). Earlier this year, he earned the prestigious designation of Certified Professional in Healthcare Quality from the National Association for Healthcare Quality.

ROBERT RUEHL, 1987 Geography, works at the Weather Forecast Office in Eureka. He is currently involved in the installation of many automatic weather data collection packages throughout northwestern California in conjunction with California State Parks, California Department of Water Resources and the National Weather Service's California/Nevada River Forecast Center.

JOHN REED, 1988 Business Administration, served in the U.S. Army for 20 years. He is now retired and works for the Veterans Administration in Oakland, Calif. He retired at the rank of major while serving in Iraq for 18 months. In 1987, he received the Bronze Star Medal for Valor. He lives with his wife and two stepdaughters in Richmond, Calif.

1990s

CARIN KALTSCHMIDT, 1990 Computing Science, was recently promoted to principal from senior manager at Ernst & Young LLP's San Francisco office. She is a member of Ernst & Young LLP's advisory practice and serves in its program management performance improvement practice, focusing on complex program management for enterprise transformation programs. Kaltschmidt has spent the majority of her 20-year career providing program and change management services to companies in the health care, technology and financial services industries. She graduated magna cum laude with a bachelor's degree in Computer Information Science from Humboldt State University and is a certified Project Management Professional.

MAILA (FELPER) OGDEN, 1992 Sociology, has been working in the social work field for over 20 years and recently changed jobs. She is now working as a hospice social worker in Southern California's high desert. "I love the opportunity to be a part of the end of life journey. I have been married for the past nine years and love living in Wrightwood, Calif., in Angeles National Forest," she says. Ogden also volunteers for the Angeles National Forest Grassy Hollow Visitors Center.

CONRAD LEO HUYGEN, 1994 Geography, is a U.S. Air Force chief senior defense counsel stationed at Joint Base Andrews, Maryland. Lt. Col. Huygen is responsible for a team of 36 judge advocates and 26 paralegals who provide trial defense services in the eastern U.S., Europe and Southwest Asia. His wife, Julie, is also an Air Force lieutenant colonel and is currently deployed to Bagram Airfield, Afghanistan.

CHRISTOPHER WATT, 1997 Geology, has been working for local engineering firm LACO Associates for the past 15 years and was recently elected president and CEO.

SARA SKINNER, 1998 Natural Resources Planning and Interpretation, just recently started her own heritage photography business, capturing the natural and cultural worlds.

JASON RALEY, 1998 Forest Resource Management, served four years in the Peace Corps as an environmental development volunteer in Bulgaria and the Ukraine. He has been working in financial aid at Sacramento State University and lives in Sacramento with his wife and two sons.

CAROL RENEE CROISSANT WHITE, 1998 English, started a personal business in garden and landscape consultation for Washington state's Puget Sound region. The firm emphasizes ecological responsibility and sustainability.

SAM YUDIN, 1999 German, was recently recognized as the Top Performer of the Year in the new U.S. Army Cyber Command. Yudin says, "We are setting up the military's newest combatant command, which is truly a historic time. It is a million light-years away from the redwood curtain but my time spent at Humboldt has aided me in my achievements in the military."

2000s

AMANDA SHUFELBERGER, 2000 Wildlife, after working for several government agencies, Shufelberger has been working as a wildlife biologist in Grass Valley, Calif., for Sierra Pacific Industries for over five years.

KELLIE THARP, 2002 Wildlife, received her Master of Science degree from the Johns Hopkins University in Environmental Science & Policy in 2007 and subsequently accepted a position with the Arizona Game and Fish Department as the environmental education program manager. After two years, Tharp was promoted into the position of education branch chief with the department. In 2011, she received the Association of Fish and Wildlife Agencies Mark J. Reef memorial award, which recognizes distinguished young wildlife management professionals for their outstanding service in the conservation of fish and wildlife resources and for overcoming challenges through creative, determined initiatives of the nominee's own device, producing benefits beyond the immediate area of mandate of the nominating agency. "The Humboldt State University Wildlife program provided an excellent foundation for pursuing a career in wildlife conservation. After graduation I worked as a biologist for the Bureau of Land Management, the U.S. Forest Service and the U.S. Geological Survey in Alaska and Oregon," Tharp says.

M. ROSE "SHOSHANNA" ANTHONY, 2003 Art and Dance, created and performed a collaborative dance tribute for the first African Olympic Gold Medalist, Nawal El Moutawakel, as she was inducted into the International Hall of Fame of the International Women's Forum in San Francisco. Anthony was joined in this colorful and festive dance celebration by her Ya Habibi Dance Company, which includes many HSU students and alumni, and a group of Moroccan-style dancers led by Bay Area dance artist Hannah Romanowsky.

MICHAEL HIBMA, 2003 History, enrolled in the History graduate program at Sacramento State University. Soon after enrolling he began a 2 1/2-year internship in the Community and Cultural Studies Office at the California Department of Transportation's headquarters in downtown Sacramento. While there, Hibma worked with architectural historians in research, writing and general assistance in completing cultural resource

reports for transportation projects all over the state. He also provided technical editing assistance for documenting agricultural properties in California. In 2007, Hibma submitted his thesis titled, "Historic District Nomination of the Newton Booth Neighborhood, City of Sacramento, Sacramento County, California," and graduated with a Master's of Arts degree in History. Just prior to graduation, Hibma took a position with LSA Associates, Inc., a private environmental consulting firm, as an architectural historian/cultural resources manager. Hibma says, "I am very lucky to be doing what I am for a career. My undergraduate experience in the HSU History program definitely set me on a course of success and personal achievement. I will always be grateful for my time at HSU and the helpful, yet challenging professors I met, the stimulating learning environment and the fun I shared with many of my peers."

CORY WHITE, 2004 Education, was recently hired at the University of San Diego as an assistant football coach. Also, White and his wife, Erin Jackson-White, '05, celebrated their three-year anniversary.

ERIC BURKE, 2005 Forestry and Wildland Resources, recently accepted a promotion as vegetation management officer for the Tahoe National Forest, Yuba River Ranger District. Burke is married to Martha Burke (RPF # 2918). The couple is expecting their first child, Sierra Elizabeth, in March.

JOEL CORREIA, 2005 Geography, has worked in a variety of international development jobs from a nonprofit in Kenya, to serving as a Peace Corps volunteer in Paraguay. He's also designed his own projects to increase educational opportunities for rural youth in Paraguay. The last project took Correia on a six-month, 5,000-mile bicycle tour through South America to raise funds and awareness about the project. In May of 2012, he graduated with a Master of Arts degree in Latin American Studies from the University of Arizona. Correia says, "I am excited to continue my education in geography at the University of Colorado at Boulder where I will pursue a Ph.D."

ANDY POWELL, 2005 Philosophy, has been working at Lost Coast Communications as a DJ for KWPT-FM, "The Point," as the host of The Night Show. Outside of playing music on the show six nights a week, he also talks about current events—news, politics, foreign policy and yes,

even some philosophy—and attempts to present a fair look at subjects or topics of debate in today's times. Powell is still playing music with his band, Strix Vega, as the bass player, keyboard player and one of the composers. They are expecting to release their third album in early 2013.

JOSH L. BROWN, 2006 Natural Resources, is an Environmental Scientist at the California Department of Water Resources in Sacramento. He is the proud father of 1-year-old Sonia. Brown says he's "missing the North Coast."

RASHAD THOMAS, 2006 Politics, Thomas and HSU alumna Imelda Fernandez had their first child, a baby girl named Amira Thomas-Fernandez.

GORDON LESTER BUSSELL, 2006 Native American Studies, work for Owens Valley Career Development Center, a tribal consortium working with revitalization of native languages. Bussell gives training on methodology of both teaching and learning native languages. Bussell had been working with up to eight languages at once under the Administration for Native Americans until September 2011. Presently the center services Paiute (3 dialects), Mono (2 dialects), Wukchumni and Yolumni, Tabatalabal, Kitamuk and Yaqui. Bussell speaks a Dene language daily, mostly Hupa and works with Mattole, Wailaki, Bear River, Redwood Creek and Tsenungxwe. He is a Hupa and Mattole Indian and member of the Yurok Tribe. Bussell had 50 or more native teachers of Hupa for a beginning to this knowledge, starting with his grandfather, Clem I. Bussell Sr., and guided by his father, Oswald N. Bussell. "I used to teach Hupa on the Hoopa Reservation but now work with the tribes here (Fresno, Tulare, Kings and Kern counties) and even present on language methods at conferences at times, most recently at the California Indian Education Conference at HSU," Bussell says. He also has worked with a number of linguists over the years as a student and speaker, most notably professor Victor Golla of HSU's Department of Anthropology.

KATHRYN RILEY, 2006 Wildlife, recently joined the San Diego URS Corporation as a wildlife biologist. She is currently conducting wildlife surveys on alternative energy projects in the Sonoran and Mojave deserts of California. Her focus is on migratory birds, burrowing owls and the federally-endangered desert tortoise.



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Share Your Stories and Photos

Have some great photos from your Humboldt State days? Maybe a memorable story about someone who inspired you or an event that surprised you?

HSU’s Centennial offers a great time to share.

Send along some photos, and we’ll include them for others to enjoy on this website’s growing collection. Or spin a yarn and share your story. Submitted stories will be edited and featured for a specific month during the Centennial Celebration.

Submit photos and stories in any category at any time, and they will be posted on the website and featured throughout the yearlong Centennial Celebration as follows:

2013

AUGUST

First Week at Humboldt

SEPTEMBER

Favorite Professors

OCTOBER

Clubs and Such

NOVEMBER

I Practically Grew Up Here

DECEMBER

Legacy Families

2014

JANUARY

Potpourri

FEBRUARY

Falling in Love

MARCH

Cracking the Books

APRIL

Outdoor Adventures

MAY

Graduating



Share Your Stories and Photos at humboldt.edu/100/share

MATTHEW THOMAS BRASHEARS, 2007 English, is happy to report that he was recently accepted to a graduate program at The New School. He'll be working toward a Master of Arts in Teaching English to Speakers of Other Languages, a field he was introduced to and excited by when he was an undergrad at HSU.

ROBERT DEANE, 2007 Journalism & Mass Communications, after nearly two years as a news reporter in Idaho and Oregon, Deane returned to Dorris, Calif., where he worked for the Butte Valley Unified School District as a teacher's aide and library technician. Currently, he is taking online classes through Cuesta College in San Luis Obispo, Calif., majoring in Library/Information Technology. Deane says, "I still have great memories of Humboldt County and Humboldt State University and hope to visit the area again in the future."

JULIA WEST, 2007 Economics, recently joined the HSU Alumni Ambassador program and attended the Fairmont Prep Academy college fair in Anaheim, Calif.

TIFFANY NEWTON, 2008 Women's Studies and Journalism & Mass Communications, a seasoned Alumni Ambassador, recently attended the college fair at Granada Hills Charter High School with two fellow alumni, Jesse Ettinger, '93, and Armando Ramirez, '90.

ADAM PERETZ, 2008 Environmental Science and Management, went to Ibadan, Nigeria, in 2011 where he was initiated to Ifa, a traditional West African religion. Through Ifa initiation, Peretz shed his old self and was given a new name, Fagbemijo Amosun Fakayode. He has since returned twice to research and study Ifa as well as to bring other people to do their own initiations and other rituals. Along with his wife, Oyaseye Fakayode, a priestess of Oya, Peretz has formed the Oyeku Ofun Temple, a traditional Ifa and Orisha temple based in Northern California. The temple serves many devotees. Peretz has also written two books on the Ifa religion, "All Days Are Sacred" and "Ori Mi Gbe Mi: Ori, Support Me."

HOLLY EDMUNDSON, 2009 Physics, went to graduate school at University of Oregon where she earned her master's degree in Materials Science with an emphasis in Optics. Edmundson went on to secure a job in the semiconductor industry. She says, "Humboldt's physics program gave me a

major advantage when it came to E&M, electronics and lab experience all of which I used regularly in grad school and still use in my 'real job'."

NICHOLAS ENSTMINGER, 2009 History, is currently attending the Primary Care Associate Program (Physician Assistant) at Stanford University and is applying to the Master of Medical Science program at Saint Francis University this December. Entsminger says, "My history training at Humboldt State has been invaluable to my success." His knowledge in history has allowed Entsminger to better understand the historical backgrounds that brought about socioeconomic and cultural boundaries that affect health care today. This has helped him understand the need for primary health care in underserved areas, often representing those affected by these boundaries. Additionally, the Department of History at Humboldt State trained Entsminger to effectively organize and communicate (both written and one-on-one) to both patients and other members of the health care team and to critically evaluate pharmaceutical updates, which may contain a high level of bias. He would like to especially thank professors Marschke, Mays and Pasztor.

HEATHER FRAMBACH, 2009 Political Science, is currently an urban agriculture planner at the City of Austin, Texas, the community outreach manager for a small East Austin farmers' market and an organizing fellow with Real Food Challenge, a national campaign that advocates for more local and sustainable food on college campuses. She completed her master's degree in Community & Regional Planning at the University of Texas at Austin in 2012.

JEFFREY HERNANDEZ, 2009 Social Work, just got back from a 12-month deployment to Kabul, Afghanistan, and is now married to Sarah Hernandez (née Haddix). He has been given new orders to move to Naples, Italy, and work as a social worker for the U.S. Navy. Hernandez has been promoted to the rank of sergeant. He says, "the Army has given me lots of opportunities to see the world and this is just the start. Thanks to all the staff in the Social Work department for the hard work and dedication when I was in the program."

TRISHA MARIE PHILLIPS, 2009 Child Development, has worked in the field of special education since graduating. "I am wife to a wonderful man named Bryan and mother to his son, Rylee. Bryan and I met

in 2007 at a high school birthday party in Arcata, and we were married in Benbow!" Phillips writes. She just began working at Crestwood Behavioral Health Center.

2010

AKI JARL LÁRUSON, 2010 Biological Sciences, started her second year as a doctorate student at the University of Hawaii at Manoa. She is focusing on molecular ecology, population genetics and quantitative genetics in the shallow water urchin genus *Tripneustes*. "Thanks to professor Sean Craig of Humboldt State, I had my first publication as a lead author before finishing my first year of grad school," she says.

JOSH BARTEE, 2011 English, is pursuing a doctorate in English Literature at the University of Nevada, Las Vegas. Since graduating, Bartee has had two papers accepted for conferences. The first, which he presented in May 2011 to the Robinson Jeffers Association in Monterey, Calif., is a look at the poet's diachronic influence on the environmental ethics of rock climbers. The second paper, presented in November of 2011 to the Western Literature Association in Lubbock, Texas, concerns the hominid relationship with fire as read in Loren Eiseley's *The Angry Winter* and a selection of poems by Robinson Jeffers. Bartee keeps busy studying, cycling and making all kinds of fun connections between poetry and natural history.

BRET COMNES, 2011 Physics, says "attending Humboldt State University and choosing to major in Physics has been one of the most important and beneficial decisions I have ever made. The faculty is fantastic educators, the curriculum is challenging and rewarding, it has intimate upper division class sizes, and there is ample opportunity to gain research experience if you want it." Comnes is currently in the Doctoral Physics program at Portland State University.



LYNN HUYNH, 2011 Theatre Arts, is a seasoned veteran in the HSU Alumni Ambassador program. She has attended numerous fairs since last year. Huynh has represented HSU at the

Submit a class note


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

Baldwin Park Unified, Destination College 16 at University of Southern California and Alhambra Unified college fairs this fall.

CEDRIC KEITH AARON, JR., 2011 Social Work, was a student clinical intern with Humboldt County Mental Health for the 2010-11 academic year. He was a California Social Work Education Center Mental Health Stipend recipient as a graduate student as well. After graduation, Aaron was able to transition from intern to full-time employee with Humboldt County Mental Health as a mental health clinician. He is currently working towards his Licensed Clinical Social Work certification with a career goal to become an administrator with Humboldt County Department of Health and Human Services. Aaron enjoys attending HSU home football and basketball games to cheer on the student athletes.

ALEXANDRA MCGEE, 2011 Anthropology, has transformed from a Humboldt Lumberjack to a UC Berkeley Bear. McGee just started her first semester of graduate school as a Latin American Studies graduate student. Her last semester at HSU, she took an engineering course with Lonny Grafman, which excited her about small-scale energy projects, particularly how they relate to community participation, rural development, energy independence and environmental sustainability. She's also put her anthropology skills to use, moving into a Tibetan Buddhist Monastery to live with a high lama. "I'd love to hear from you," she writes.

YANG YANG, 2011 Geography and International Studies, went to London School of Economics and Political Science, after graduating from Humboldt State, to pursue a Master of Science in Human Geography and Urban Studies Research. In August, after completing his course work at the LSE, Yang proceeded to the Ph.D. program in Cultural Geography at University of Colorado at Boulder to do research in ethnic studies in China.

ALEF DURANT-WISE, 2013 Biological Sciences, has recently been hired as the laboratory manager at the La Jolla Institute for Allergy & Immunology. She is working on atherosclerosis, multiple sclerosis, and Crohn's disease in the Ley Lab. She is taking her last two classes for her two bachelor's degrees in Marine Biology and Zoology as an intra-system exchange student at San Diego State University. Durant-Wise gives a special thanks to professor Sean Craig for being a great mentor. 

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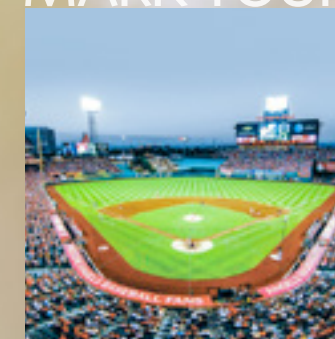
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Centennial Class Commencement

Saturday, May 18

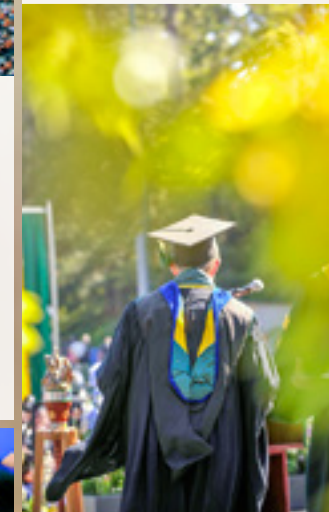
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Tailgate at 4,
Game at 6:05 p.m.

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& More!

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HSU 100th Birthday Festival

Saturday, Aug. 24

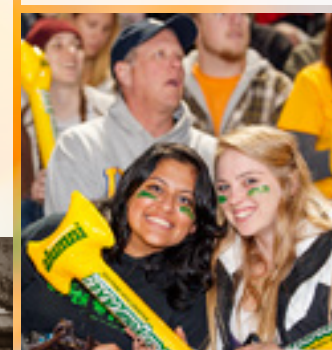
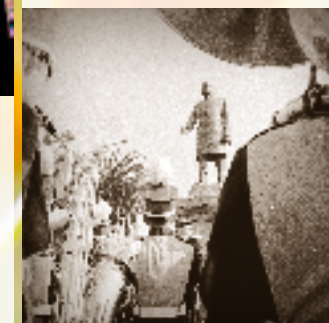
Arcata, Calif.



Percussion Ensemble & Calypso Band Spring Concert

Saturday, May 4

humboldt.edu/events



Homecoming & Family Weekend

Sept. 27 & 28

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Dance of the Century

April 2014

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THINGS



[Top Flickr Photos]

Every week HSU adds new photos of the campus and Humboldt area to its Flickr feed at flickr.com/humboldtstate

Here are eight of the most popular photos, based on views.



meet humboldt Banning Ramirez ('14)

IT WAS A SIGH OF RELIEF WHEN BANNING RAMIREZ ('14, Journalism) discovered Humboldt State. "Arcata had that welcoming hometown feel." When venturing to the North Coast from the Big Island of "Aloha," he was looking for an environment that would remind him of the comforts of home. "People are down to earth and positive here. I knew it was an environment I could relate to and thrive in."

RAMIREZ IS IN HIS SECOND YEAR at Humboldt State, but his lengthy resume tells another story. Ramirez served as a counselor in the Humboldt Orientation Program, is currently an on-air host for KRFH and holds an Ambassador Coordinator position with HSU's Office of Admissions—all while juggling a hefty class load of units. "I want to experience everything. I'm here to explore."

WHAT MAKES HSU SPECIAL? The people. I will always remember the love that everyone has for the university, for the community and for one another.

WHY JOURNALISM? Ramirez has always had a passion for writing and film, but his curiosity doesn't stop there. Ramirez is determined to experience a little piece of everything the major has to offer before setting his future career plans. "I'm going to do it all; write for the Lumberjack, host my radio show, experiment behind the camera and whatever other opportunities arise." Ramirez's only set plans post-HSU are to enter the entertainment industry in some capacity. Oh, and an Oscar in hand by age 30 is on the list as well.

MOST INFLUENTIAL PROFESSOR: Tasha Sousa. "I literally believe she changed my life. She taught me to be an effective communicator and listener." Since Sousa's

class, Ramirez's confidence level in interacting with others has skyrocketed. As a result of the valuable lessons he learned in Intro. to Human Communications, he is now more comfortable at engaging in conversation with others, both personally and professionally.

A BIT OF ADVICE: Ramirez advises all new students to just soak it ALL in. "If you're confused, don't be afraid to ask questions. Also, be social and get to know people. Some of my best friends at HSU are from my dorm room hallway."



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Artist Rendering



Circa 1940

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