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ON THE COVER: CCAT co-directors, from left, Jessica Huyghebaert, Jeffrey Steuben and Jocelyn Orr, in front of the recently rededicated Buck House, home to CCAT for 27 of its 30 years. In a nod to CCAT’s message of sustainability, our photographer, Kellie Jo Brown, powered her lighting equipment using the group’s solar-powered Mobile Energy Operations Wagon, or MEOW. You can find CCAT’s story on page 24.

Background Photo: Kellie Jo Brown / Marketing & Communications

Three Decades of Green Living
Celebrating three decades of simple, practical, planet-saving work.

So Green it’s Gold
Find out what makes the Behavioral and Social Sciences building the most eco-friendly on campus.

Mission Possible
HSU alum risks life and limb to save the bald eagles of California’s Channel Islands.

Going with the Flow
Alum Michael Crooke energizes grads with his formula for success.

National Champs!
Unbelievable pitching and team spirit lead Jacks to their second-ever national title.

Saving the Salmon
Professors, students and alumni work to restore a Northwest icon.

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A Better Way to Live

MANY OF US AT Humboldt State University have watched the status of our global environment with a great deal of concern, but also with some solace as individuals from all walks of life have become involved with sustainability efforts. It seems that many Americans want to help slow global climate change and save our environment. I hope this is a long-term commitment rather than a passing phase.

As our alumni know, sustainability has been an important value at this University long before the word came into common use. For decades, the idea that we must care for the environment and live lightly on the planet has been a hallmark of a Humboldt State education.

Humboldt State — as I’ve heard many people say — was green before green was in fashion.

I think it’s important that sustainability at HSU isn’t limited to new building projects with the latest energy-saving features, although we have those. It isn’t limited to buying local food or initiating energy-saving conservation measures, although we do that also. At our University, sustainability is something that students learn about, apply to their areas of study and incorporate into their lives. There are lectures and discussions about the importance of sustainability throughout our curriculum—in the science classes where you expect them, but also in English, Economics, Politics, Sociology and many other fields. Dozens of student clubs focus on specific areas of sustainability and they carry out community projects in order to put these ideas into practice. Students have also run an eco-demonstration house for three decades, and just recently students approved an additional fee to fund the Humboldt Energy Independence Fund, a student-designed and student-implemented conservation project on campus.

Students helped design and build our new campus hydrogen station, making us the northernmost point of California’s “Hydrogen Highway.” We also have a hydrogen-powered Toyota Prius, and as someone who likes new gadgets and technology, I feel privileged to be one of the many people who are putting this innovative car through its paces.

Ultimately, any university’s greatest impact is seen in the lives and the successes of its alumni. It is you who have continued to convey the unique qualities that exemplify an HSU student. Your commitment to social change and to protecting our environment has inspired others to be more thoughtful about how they influence future generations.

Sincerely,

Rollin C. Richmond, President

HSU Joins the Hydrogen Highway

HUMBOLDT STATE IS NOW the northernmost stop on California’s breakthrough “Hydrogen Highway,” a network of hydrogen fuel stations that eventually will allow hydrogen-powered vehicles to travel across the state and beyond the use of alternative fuels.

HSU is operating a Toyota Prius that runs entirely on clean hydrogen fuel and is serviced by a campus-based hydrogen fuel station originally designed by students. Tested last summer and officially opened Sept. 4, the new station can produce enough clean hydrogen fuel to maintain a fleet of four hydrogen-powered cars. The Schatz Energy Research Center is pursuing funding and vehicle suppliers to set up a planned hydrogen car fleet and establish a hydrogen infrastructure throughout Humboldt County.

HSU students conceived the facility in their submission to the National Hydrogen Association’s H2U International Design Competition. Schatz Lab engineers made the station a reality with the assistance of University Plant Operations staff. It is located behind the newly refurbished Harry Griffith Hall.

The station is the first step in the Schatz Lab’s ongoing effort to develop a hydrogen power park using renewable landfill gas from the local Cummings Road Landfill. This gas currently goes unused and is flared at the landfill.

The park project is the branch of HSU engineering students mentored by Schatz engineers.

The Prius was provided by the California Air Resources Board and converted by Quantum Technologies of Irvine, Calif., to run on hydrogen fuel. It is being shared by HSU with other public agencies that support the station project.

FROM THE PRESIDENT

Kellie Jo Brown / Marketing & Communications

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By the end of this fall semester, solar panels, interpretive signage and student art will adorn the Old Music Building. Students will also complete a Solar Radiation Monitoring Station atop the library, which will provide valuable data for designing solar systems on campus and in the surrounding area.

And many more student-led projects are expected in coming years through the new Humboldt Energy Independence Fund (HEIF), a student-funded energy initiative. HEIF is designed to fund student-driven campus projects that reduce the environmental impact of energy use. Faculty and staff are encouraged to participate with the student teams.

In creating HEIF, Humboldt State students voted to impose a $10 per semester fee on themselves. That fee will bring in an estimated $160,000 this year for additional projects.

In the end, the projects are more than simply installing new energy-saving equipment or pursuing clean energy efforts. HEIF projects offer students a chance to work on the design, installation, maintenance and evaluation of clean energy systems — skills that are increasingly in demand in the emerging green economy.

Learn more at: www.humboldt.edu/~heif

Geologist, Environmental Interpreter, Named Top Professors

Professor Lori Dengler of the Department of Geology was named HSU’s Scholar of the Year in 2007-08 for her work in tsunami and earthquake hazard mitigation, while Outstanding Professor honors went to Professor Carolyn Ward of Environmental and Natural Resource Sciences.

In approving Dengler’s selection, HSU President Rollin Richmond spotlighted her national reputation for saving lives across the globe. “HSU is indeed fortunate to have Dr. Dengler as a distinguished member of our faculty and our students are always eager to study with such an eminent scholar and field expert,” he said.

Dengler was the first recipient of the National Oceanic and Atmospheric Administration’s Richard Hagemeyer Tsunami Mitigation Award for her leadership in the Redwood Coast Tsunami Work Group and a host of related community and statewide activities. She has also been a member of international post-tsunami survey teams, including Crescent City (2006), Indonesia (2005), Southern Peru (2001) and Papua New Guinea (1998).

Carolyn Ward has been embodying her department’s commitment to “connecting people with natural resources” since joining the faculty in 2003. Ward weaves hands-on projects, such as interpretive signage, throughout her teaching to equip students with practical experience. “Students truly come to know and understand something when they apply it,” she emphasizes. “Knowledge and understanding are not static. I do not want learning to stop after my class or lecture, but to keep occurring. The use of hands-on projects promotes lifelong learning and not just learning in my class.”

Among many recent projects, Ward and her students teamed up with area tribal leaders to create signage about the history and culture of local Native American Tribes. The signs appeared in 15 kiosks on campus to educate both the campus community and countless visitors.
Humboldt

HUMBOLDT

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Fielding, an alumnus several times over having earned a Bachelor of Arts in Business Education, a Special Secondary Credential and a Master of Arts in Business Economics, nurtured a distinguished career with Price-WaterhouseCoopers. During that time, he became the first of only a handful of Americans to acquire International Certified Public Ac-

Professor Explores Ecological Futures

WHEN CONFRONTING IDEAS LIKE ecological degradation and an impending dark age, it’s comforting to know there’s a light of hope. Professor Sing C. Chew says you simply have to consider the bigger picture.

Chew, an HSU sociology professor and senior guest researcher at the Helmholtz Centre for Environmental Research in Germany, recently published the third volume in his world syst-

systems trilogy. Ecological Futures: What History Can Teach Us completes his exploration of ecological degradation and “recurring dark ages” that have prompted major structural changes.

“In some ways, dark ages might not be good for human civilizations, but they’re excel-
lent for nature, because when human civiliza-
collapse they tend to degrade less with lower economic activity,” Chew says. “You have to see the ying and the yang or the dialectics of it—good for one group, bad for the other.”

And what about the hope part?” "Dark ages are periods of rejuvenation for nature," Chew says. "And with resources scarcity you have the emergence of bioregional com-

Honorary Doctorates Bestowed on Seidner and Fielding

AS BOTTLES OF WATER and sunscreen were being passed around at one of the hottest commencement ceremonies in memory, Humboldt State conferred academic honors on two members of the HSU community.

Receiving honorary doctorates of Humane Letters were Michael Fielding, a business-
man of international renown, and Cheryl A. Seidner, a Wiyot tribal leader who has helped revive traditions and knowledge that were nearly lost.

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New Kinesiology and Athletics Complex Opens

STUDENTS IN THE DANCE studio look out a bank of expansive windows to a redwood forest, students, staff and faculty swim laps in an airy, light-filled space; and local sports fans yell themselves silly from their stadium-style seat in the expanded gymnasium.

The start of the fall semester marked the opening of the University’s new $44 million Kinesiology and Athletics Complex. It houses a gymna-
sium, pool, classrooms, offices, labs and other support spaces, replacing outdated facilities at the Forbes Physical Education Complex. There are improved classrooms and labs, and Jacks fans will be able to cheer for their teams in a spacious, 17,655 square-foot gymnasium that can hold as many as 2,000 fans.

An improved Biomechanics Lab replaces a cramped facility and both the Human Performance Lab and Behavioral Performance Lab are housed in the new building.

The complex—designed by Portland, Ore.-based Yost Grube Hall Architecture—was built to LEED® (Leadership in Energy and Environmental Design) Silver standards, utilizing green design elements and materials. While most construction is complete, an outdoor plaza area and associ-

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“Our look at human civilization you have complex systems and when you go into dark ages you have very non-complex systems,” he says. “As soon as nature returns the complexity emerges. So, there’s opportunity. The question is: Will this coming dark age collapse lead to a structural transformation that will lead to a different type of world system that will be sustainable?”

Chew is currently at work on a new book, Energy and Global Power: The Future Global Order, which examines the next 50 to 100 years of world politics and economy. He also edits Nature + Culture, an academic journal examin-
ing human communities and their relationships with nature. His latest book is available online at www.altamirapress.com.
HSU’s Woodstra Shines at Olympics

The U.S. team, ranked fourth coming into the Olympic Games, earned its way to the final by defeating third-ranked Cuba 25-20, 25-16, 25-17 in the semi-final round at Beijing’s Capital Gymnasium.

“Serving as Olympic assistant coach is an incredible honor for Sue and for Humboldt State University,” said HSU Athletic Director Dan Woodstra. “It’s a very, very good team. They’re very solid and their mid-blockers are some of the best in the world,” Woodstra said. “They are definitely an excellent team and very tough to play against.”

Woodstra’s college coaching career includes head coaching jobs at University of Pittsburgh (1989-92) and University of California, Berkeley (1995-98). She led Pittsburg to four consecutive conference championships and was named Big East Coach of the Year in 1990. In addition, Woodstra played four seasons (1984-88) at the professional level in a Japanese volleyball league and is a four-time USVBA Women’s Open First-Team All-American. Woodstra played four seasons (1984-88) at the professional level in a Japanese volleyball league and is a four-time USVBA Women’s Open First-Team All-American.}

advocateforhsu

Like what you’re seeing? Want to give us an earful? Send your comments to: news@humboldt.edu or to: Humboldt Magazine Marketing & Communications 1 Harpst Street, Arcata, CA 95521

AS AN ALUM, FAMILY member or supporter of Humboldt State University, you can make a real difference by contacting your elected officials. We need your help passing legislation and securing resources to support public higher education in our state.

Our online Advocacy Action Center is one way to get involved. Join fellow alumni from HSU and throughout the California State University system to make sure legislators know we value higher education.

Take Action today at humboldt.kintera.org

CAMPUS BOLSTERS SERVICES FOR VETS

HUMBOLDT STATE UNIVERSITY HAS opened a new Veterans Enrollment and Transition Services (VETS) program, a major expansion of aid to veterans that was assembled in partnership with leading veterans’ agencies. Extending well beyond past services, the new VETS program will provide tutoring, information exchange, housing opportunities and weekly on-campus liaison with various veteran service groups in the Humboldt area. It will also offer services through Dr. William Beegle, a private therapist, and expanded space will be available for veterans to meet with one another on a regular basis.

VETS is headquartered in the Humboldt State Library, Room 58. “Through VETS, Humboldt State will become the number one veteran-oriented campus in California,” says Kim Hall, HSU’s Veterans Certification Officer and campus contact for Troops to College, a state-wide effort to attract more veterans to California’s public universities and colleges. “We want HSU to be a home away from home for veterans, a safe learning environment that each alum will take with him or her in pursuit of a better future. We see VETS as a gateway to the University and the community for our veterans.”

Through HSU’s partnership of expanded services, veterans, their dependents and active military personnel have easier access to academic advising, course requirement information, benefits counseling, work-study job opportunities, job counseling and training, employment searches, agency networking, assistance with unemployment or homelessness, and counseling. More information: (707) 826-6191 or www.humboldt.edu/vets.

Graduate Student Awarded Switzer Fellowship

REBECCA MENTEN, A HUMBOLDT State graduate student in the Energy, Environment and Society program, has been awarded a prestigious Switzer Environmental Fellowship worth $15,000. Sponsored by the Robert and Patricia Switzer Foundation, the fellowship is available to master’s and doctoral students in California and New England who focus their studies on environmental issues. One of the most highly regarded awards of its kind, the fellowships are given annually to approximately 20 students; the foundation recognizes as “future environmental leaders.”

A former co-director of the Campus Center for Appropriate Technology (CCAT), Humboldt State’s eco-demonstration house that promotes sustainable living, Menten studies how local governments can help communities adapt to climate change and reduce their carbon dependence. She is currently an Energy Program Specialist with the City of Arcata working on reducing the city’s green house gas production. For her master’s thesis, Menten is exploring a funding approach the City of Berkeley uses to support rooftop solar power generation to see if a similar program would be viable for Arcata.

“I plan to continue working with climate change policy and advancing the role city governments can play in helping communities,” Menten said.

Three Gates Scholars Enroll at Humboldt State

THREE NORTH COAST STUDENTS, all of them Native American, have been awarded Gates Millennium Scholarships and have enrolled at Humboldt State University this fall. Each recipient receives four years of full funding to attend the college of her choice. The students are Cheyenne Alcaraz, a Bur- ney High-School graduate and a member of the Pit River Tribe and of Yana and Wintu descent; Tess Wilder-Cervantes, a Hoopa High School graduate and a member of the Karuk Tribe; and Vicki Preston, a Hoopa High School graduate. They are among 1,000 Gates awardees nationwide, selected from more than 13,000 applications. In addition to funding for undergraduate studies, they could receive more than $100,000 for their studies if they pursue a graduate degree in any of a number of specific fields. Humboldt State played an important role in helping the students before they even enrolled, giving them advice and tips through the annual Gates Scholars Workshop.

Established in 1999 and funded initially by a $51 billion grant from the Bill & Melinda Gates Foundation, the Gates Millennium Scholars Program reduces financial burdens for African-American, Hispanic-American, American Indian/Alaska Native and Asian Pacific Islander-American students who possess high academic and leadership promise.
LIZZY PRESCOTT STOOD ALONE on the darkened softball field in Houston and simply stared. She peered out over the manicured landscape where only hours earlier she had led Humboldt State University to the 2008 NCAA Division II Softball Championship. The news media had finished asking their questions, the fans had all left to go home. And in that moment, Prescott says, things became "kind of surreal."

"Winning the national championship was super exciting, but I didn't feel like jumping up and down," she explains. "I'm not really that kind of player. I was kind of shocked."

Prescott's initial shock following the Jacks' championship victory is more than understandable considering the substantial load she carried for the team. The senior pitching ace served as the Jacks' workhorse throughout the season, and it was no different at the national tournament. In Houston, Prescott pitched all 41 innings during Humboldt State's four games—including a 17-inning semifinal marathon against Lock Haven University—striking out a mind-blowing 52 batters while walking none and allowing only one run. It was a nearly superhuman performance that earned her Most Outstanding Player honors for the tournament.

While Prescott was without question the star of this year's squad, a stellar supporting cast of younger players and a dedicated coaching staff were key in bringing home Humboldt State's second softball national championship (the first was in 1999). It took great defensive plays, some timely hitting, keen scouting, lots of preparation and a strong team ethic to negotiate a long season against tough competition. Those efforts culminated in Houston on a mid-May afternoon against the Emporia State University Hornets. With one out remaining in the championship game and the Jacks clinging to a 1-0 lead courtesy of a Natalie Galletly solo home run, only one thought raced through the mind of outfielder Chrissy Motzny.

"Please nothing bad happen," Motzny remembers thinking. "It was kind of a mixture of feeling worried and anxious."

Nothing bad happened. Prescott got the final out, the game was in the books and the Jacks were national champions.

"I think I felt a lot different than everyone else," says infielder Caitlin Klug. "I rushed toward Lizzy and looked up at my family and I smiled and thought, 'Wow.' It didn't strike me until the post-game fireworks that this was ours."

The achievement was well deserved. As every college athlete knows, national championships are won in the weight room, at the track and on the practice field long before league play even starts. Long-time Coach Frank Cheek runs a tight ship and his team follows a rigorous training schedule in preparation for a season against steely competitors from up and down the West Coast, home to some of the top college programs in the nation.

"You develop a love-hate relationship. Sometimes it gets tiring because we're around each other a lot," Klug says. "Coach can have an abrasive nature, but he helps build camaraderie and helps us come together. We talk to each other about everything and give each other support."
Cheek cites that spirit of togetherness as one of the keys to his team’s championship run.

“The thing different about this team was that they got along so well,” Cheek says. “What Vanessa Shernock gave was the team was astronomical. She was the glue that kept them together. She wasn’t a starter but she was team captain. That tells you a lot about this team, shows what’s important to this team: camaraderie and leadership.”

Without question, senior catcher and team captain Vanessa Shernock played an integral role for the Jacks despite seeing limited time on the field. Shernock worked with Assistant Coach Shelli Maher-Sarchett throughout the season, assisting the pitching staff and calling what pitch to throw during games. Beyond that, Shernock’s leadership qualities away from the field proved crucial.

“I’m from Arcata so I’m around all summer. I’m the first one to get everyone together to go running or to practice and get an early start,” Shernock says. “Plus, the star player can have trouble focusing on the whole team. When I’m on the sidelines people can come right up to me and talk.”

Maher-Sarchett, who played for the Jacks during the 1999 championship season, sees this year’s team as carrying on a tradition of solidarity.

“Everyone is out here for a goal,” Maher-Sarchett says. “They spend so much time together, these girls are sisters and don’t have room for attitudes.”

As the season progressed we were hot and cold. We’d play like national champs or cellar dwellers,” Cheek says. “I stayed firm with them. I chewed them out after the Notre Dame game. I told them we could have trouble focusing on the whole team. When I’m on the sidelines people can come right up to me and talk.”

Without question, the Jacks followed those three losses with a 10-game winning streak that took them all the way to the national title. Along its championship path, the team had the support of a hearty fan base made up largely of HSU alumni.

“I know our alumni were listening to those games on their computers and on the radio,” Cheek says. “We stay in touch, we have huge alumni support. When you’ve done playing it doesn’t end there. We have a family atmosphere.”

The walls in Cheek’s office showcase that atmosphere. Hoards of photographs of past players posing with their spouses and children adorn the office and serve as virtual wallpaper. It’s that type of dedication to its athletes combined with a proven, winning approach that has made the Jacks program one of the elite in the nation.

“We were on national TV, the radio and on the cover of Past Pitch Delivery magazine,” Cheek says. Humboldt State Athletic Director Dan Collen puts the 2008 Coaching Staff of the Year. And, while he is indeed tough as coach, Collen says, “I’m not doing this for the money, it’s for the love of the game. It’s my passion. Everything I do is for the team first.”

“Coach Cheek is in some people’s eyes a living legend,” says Athletic Director Dan Collen. “He’s a really special person who has committed himself to Humboldt State.”

“He just doesn’t expect any less than what we’re capable of,” says junior Chrissy Motzny. “He won’t tolerate slacking off. He really helped us build as a team so that we don’t expect any less than the best from ourselves and each other.”

Although Cheek suffered a heart attack prior to the 2007 season, his team’s 2008 performance proves it hasn’t slowed him down much. He’s obviously still more than capable of helming one of the premier college softball programs in the country.

“Coach Cheek decides whether to return for another year. He looks at them—those are important to me,” Cheek says. “I have a place as coach, Cheek decides whether to return for another year. I’m not doing this for the money, it’s for the love of the game. It’s my passion,” he says. “Everything I do is for the team first.”

Cheek’s performance over his 20-year softball coaching career has undoubtedly earned him the well-deserved loyalty of his players. The 77-year-old is closing in on an unbelievable 1,000 career victories and the National Fastpitch Coaches Association recently named Cheek and his staff the 2008 Coaching Staff of the Year. And, while he is indeed tough on his athletes, he also cares quite a bit for their well-being and works with them tirelessly to improve their skills.

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Saving the Salmon

Humboldt State Professors, Students and Alumni Work to Restore a Northwest Icon

By Paul Tolme
THE SALMON WERE LONG gone from Rocky Gulch when Humboldt State graduate Darren Mierau bought property along the coastal stream in 2000 and hatched a plan: restore the degraded waterway and bring back its fish.

ROCKY GULCH, WHICH TUMBLES out of the hills south of Arcata and wends through grassy bottomlands before draining into Humboldt Bay, lost its salmon decades ago when a tide gate and two road culverts were installed, cutting off the fish from upstream spawning grounds. Any salmon that made it past the blockages found a habitat degraded by cattle crossings, stagnant water and invasive plants.

Like much of the historic salmon habitat around Humboldt Bay, and throughout the Northwest, Rocky Gulch had been severely altered. “It was essentially a drainage ditch,” Mierau says. “It was a mess,” adds Jeff Anderson, an environmental engineer and Humboldt State alum who partnered with Mierau on the Rocky Gulch restoration project.

Mierau and Anderson are among a cadre of Humboldt State-educated professionals, along with university faculty and students, working to restore salmon. Alumni are found in numerous Northern California firms involved with the effort—including Michael Love and Associates, Winzler & Kelly Consulting Engineers, and McBain and Trush. “We have a concentration of HSU graduates in the area who are dedicated to salmon restoration,” says Environmental Resources Engineering professor Eileen Cashman.

Humboldt State’s Fisheries Biology Department operates a hatchery and conducts salmon-related research. The Department of Environmental Resources Engineering studies ways to repair degraded waterways. Together, the departments have spawned an effort to restore salmon locally while assisting the broader effort in the West. “Salmon were amazingly abundant early in the last century, but the way we have re-shaped the land has hammered them,” says Professor Elizabeth Eschenbach, department chair of Environmental Resources Engineering. “We’re trying to find solutions.”

But resuscitating a salmon run is no easy task, as Mierau learned. He met with landowners adjacent to Rocky Gulch to win support, applied for a grant and, in 2002, brought Anderson onboard to help design a plan. They studied the stream’s problems and potential, and worked with government officials to obtain permits and funding.

Ground broke in 2004 when the 1950s-era tide gate was replaced with one that allows fish passage. Over the next two years, 4,000 feet of streambed were rebuilt using heavy machinery, a dike was moved and four acres of nearby land were replanted with native trees and vegetation. The two impassable culverts, one of which ran beneath Old Arcata Road, were replaced in 2007. Work wrapped up during the summer of 2008, when streambanks were re-vegetated.

“This is really gratifying work,” says Anderson, whose watershed restoration firm Jeff Anderson and Associates employs five Humboldt State graduates. Mierau, who works for Humboldt area fisheries consulting firm McBain and Trush, agrees. “We’ve allowed salmon to reach their ancestral spawning grounds.”

“The salmon were amazingly abundant early in the last century, but the way we have re-shaped the land has hammered them... we’re trying to find solutions.”
For thousands of years, Pacific salmon have been an important part of life on the continent’s west coast. And they remain integral to the culture and economy of Humboldt County and the Northwest. Unfortunately, the fish are federally listed as threatened or endangered throughout much of their range in the lower 48. That point hit home in early 2008 when federal officials for the first time ever shut down the fishing season off the coasts of California and much of Oregon due to a steep decline in the state’s once-mighty Chinook populations.

Humboldt State is trying to reverse the trend and its graduates are taking what they learn into the workforce. “We have people here studying our precious salmon from the air, from the water, in the lab and from just about every angle that you can study it,” says Margaret Gainer, director of the HSU Office for Economic and Community Development.

A number of efforts over the years have involved Humboldt State faculty and Native American tribes. For example, the Yurok and Hupa tribes have worked with Humboldt State on projects designed to improve management of hatcheries in the Klamath-Trinity system. Trinity River Hatchery is now co-managed by the Hupa Tribe and the California Department of Fish and Game. Faculty from the Fisheries program also helped the Yurok Tribe develop the organization of its natural resources programs. And many of those who are now important players in tribal fisheries programs studied at Humboldt State.

One current project funded through the Hupa Tribe aims to answer questions about the life histories and genetics of salmon. The Tribe maintains a staff of 10 to 15 fisheries biologists who work with HSU students in the field.

“It’s a real positive relationship,” Fisheries Professor Andrew Kinziger explains. “It’s a two-way street that allows the tribe to have experts doing complicated analysis and allows our students to work on intellectually exciting problems.”

He says HSU has been able to build a strong relationship with local tribes by offering a high quality product. Kinziger is working on a genetics study of Chinook salmon in Northern California’s Trinity River. Before the construction of a dam on the Trinity, spring Chinook spawned in the river’s headwaters, while fall-run Chinook spawned in the lower river. Historically, the two different stocks had distinctive genetic traits. Now the two stocks are hybridizing and losing genetic variation—perhaps due to the dam, Kinziger says. “The long-term concern is that these hybrids would have lower fitness.”

Kinziger uses salmon DNA to identify distinct genetic markers in various fish stocks. “It’s like a crime scene investigation,” he says. “We take a tissue sample and try to match it back to a population.” That work could help fisheries officials better manage salmon stocks in the future.

“There is hope that you could focus fishing efforts on strong stocks and avoid weak stocks in the ocean and in the Klamath River,” says Fisheries Professor David Hankin. Targeting fishing on strong stocks which support Native American fisheries may be important for long-term survival of weaker stocks.

Hankin is an important player in salmon fisheries management. He is a scientific advisor to the Pacific Salmon Commission, an international body that oversees sharing of salmon harvests among the United States, Canada and tribal nations. A specialist in computer modeling, Hankin studies the survival rates of hatchery-raised salmon, which rise and fall from year to year based on a multitude of factors—from water levels in rivers to ocean conditions.

Hatcheries, which release hundreds of millions of juvenile salmon every year, have a profound effect on wild salmon. Genetic tests show that hatchery fish greatly outnumber wild salmon in some of the Northwest’s major salmon rivers such as the Columbia and Sacramento. Hankin believes hatchery policies that focus on quantity rather than quality have unintentionally led to the propagation of smaller salmon and he says hatcheries should be revamped to produce fish that more closely resemble wild stocks.

Humboldt State and the Hupa Tribe participate in the Klamath River Fish Study, a multi-year project aimed at improving the management of fish populations in the Klamath-Trinity system.
In the Environmental Resources Engineering program, faculty and students are doing groundbreaking work in the area of study known as fish passage. While big dams are the primary problem for salmon on large rivers such as the Klamath, Columbia and Sacramento, myriad small road culverts throughout Humboldt County and Northern California have severed spawning runs on small creeks and streams.

Led by professors Margaret Lang and Eileen Cashman, students are helping design next-generation salmon passage projects, as well as learning to retrofit existing culverts to aid salmon. They work on campus, using scale models to test new culvert designs, and go into the field to study how culverts affect fish migrations. The idea is to design culverts that mimic conditions in a natural streambed and the work has real-world applications. Research undertaken by Lang is being included in design manuals for culverts built by California transportation officials, and the prototype juvenile fish ladder installed at Humboldt County’s Freshwater Park was initially studied and designed by students under Cashman’s supervision.

Salmon restoration projects are also under way in places like Humboldt County’s Freshwater Creek, Fay Slough, Gannon Slough and Janes Creek. Hilary Sgalitzer, a 2005 Environmental Science graduate who works with the Department of Fish and Game, is involved with the ongoing effort at Freshwater Creek, and says her fieldwork at Humboldt State has direct application.

“The area provides a learning experience outside of the classroom,” she says. “I learned a lot about local streams because there are so many right around campus. It made the transition really easy.”

Restoring Humboldt Bay’s salt marshes — 90 percent have been eliminated — is particularly important. Young salmon fatten up and acclimate to saltwater in these calm marshes before heading to the ocean for several years, where they navigate up and down the coast before returning to spawn as adults. “There is so little brackish marsh left in the bay, so it’s important that we protect and restore this critical habitat,” Cashman says.

Salmon die-offs, such as the one in 2002 that killed tens of thousands of salmon on the Klamath River, are another problem being addressed by Humboldt State experts. Walter Duffy and Peggy Wilzbach, adjunct professors who work at the California Cooperative Fisheries Research Unit on campus, are investigating methods to reduce salmon-killing parasites in the Klamath by increasing water releases from dams. They believe swifter water flows could wash away sediment where parasites breed.

The Klamath, an hour’s drive from campus, supports the Northwest’s third-largest salmon runs. It also offers the opportunity for students to participate in one of the nation’s most important salmon restoration opportunities: the potential removal of four dams that have severed salmon from 300 miles of spawning habitat. Negotiations are under way to remove the aging dams, and “HSU is positioned ideally to contribute its expertise,” Duffy says. “It wouldn’t be a ‘knock down the dams and walk away’ situation. There would be a lot of research to determine how to do it right. It would be the biggest dam removal project in the country, maybe in the world.” Humboldt State’s Klamath Watershed Initiative collaborates with policymakers and tribes to research and promote efforts to restore the river.

Duffy, who teaches a course on fish restoration ecology and oversees a state fish and game program that distributes millions of dollars in restoration grants every year, brings students into the field to view restoration projects and monitor salmon populations on the Smith and Eel Rivers, Prairie Creek and other waterways. His graduate students are studying population dynamics of Coho and Chinook salmon in Prairie Creek. Adult salmon are implanted with electronic tags, and antennas placed throughout the watershed record their movements. The idea is to learn about salmon habitat preferences and to determine the efficacy of restoration work.

Back on Rocky Gulch, the restoration effort has paid off. Salmon have returned. “We had Cohos in there almost immediately after we removed the tide gate,” Mierau says. Steelhead, an ocean-going rainbow trout that is also federally listed, have also returned alongside another endangered fish, the miniature tidewater goby. “We’re getting increasing fish densities in there every year.”

“We live in an awesome place here in Humboldt,” Anderson adds. “Fixing the poor engineering decisions of the past is a fun business. We restore an area around Humboldt Bay and the fish are back in there the next year. It’s a positive outcome that you can see.”

Mierau, who built a home on the land he bought near the creek, has had a front row seat to the rebirth. “It’s really gratifying to see the fish back in there. Rocky Gulch is on its way.”
COOL LIKE THE BREEZE
Architects positioned the BSS building to funnel naturally occurring breezes throughout the building and reduce the structure’s reliance on conventional chiller-based air conditioning. The building’s heating, ventilation, air conditioning and refrigeration systems contain no HCFCs or Halons.

MORE NATIVE PLANTS MEAN LESS WATER
The grounds surrounding the BSS building are planted with more than 50 varieties of native plants which are more disease and pest resistant than non-native flora. These plants are watered by a high-efficiency irrigation system, which consumes less water.

SMART HEATING & LIGHTING
Offices and classrooms contain their own thermostats and automatic lights. This means the lights go off when nobody is in the room and the heating automatically quits when the windows are opened, both of which add up to energy savings.

MORE BIKES, FEWER CARS
Showers on the first floor of the BSS building encourage the building’s residents to commute to school and work via bicycle instead of by car.

BLOCKING THE HEAT
Specialized sun shades in south-facing classrooms block excessive light that might heat up the building during the summer and require more cooling.

RECYCLED FROM THE GROUND UP
Buried deep in the heart of the building is a host of earth-friendly, recycled materials, including recycled steel girders and recycled foundation materials. In fact, nearly 14 percent of the materials used in the BSS building are recycled products. Similarly, more than 75 percent of the BSS building’s construction wastes were recycled.

OUR NEW BUILDING, HOWEVER, was attracting attention and kudos long before it was finished. Why? Because it’s the “greenest” or most environmentally friendly and sustainable building in the 23-campus California State University system.

Designed by Portland, Ore., architectural firm Yost Grube Hall, the building meets the LEED® (Leadership in Energy and Environmental) Design gold rating—the second highest of four ratings bestowed by the U.S. Green Building Council.

Here are a few of the innovative features that set it apart:

RAINWATER FLUSHES THE TOILETS
Rainwater (up to 20,000 gallons of it) is funneled into two massive water tanks, which are buried at the foot of the building. That water is then pumped throughout the building and used to flush toilets. The building’s designers predict that the storm water will power at least four months of flushing. Calculations show that this system will reduce the need for municipally provided water (to convey sewage) by almost 88 percent.

MORE WINDOWS, FEWER LIGHT BULBS
The BSS building makes extensive use of north and south-facing windows to capitalize on natural lighting. This means the BSS building will use 30 percent less power than mandated by California’s Title 24 energy-consumption standards.

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So Green it’s Gold
Inside HSU’s Most Sustainable Building
You can’t miss the latest addition to Humboldt State’s campus — all five stories and 84,000 square feet of it. The new Behavioral and Social Sciences building just finished its first full academic year as the new home to a host of lecture halls, classrooms, labs and offices.
THESE DAYS, IT SEEMS everyone wants to help the environment. From farmers to car manufacturers, Americans are exploring ways to minimize their ecological impact and help fight climate change. For sheer persistence, though, it’s hard to top the students at Humboldt State’s Campus Center for Appropriate Technology – the house with the funny name and a cool mission.
THE DAY WE VISITED, the Buck House (home of CCAT) was a hub of activity. It’s always busy on volunteer days. More than a dozen soil-caked students and community members were hauling, planting and building, busy at the work of a homegrown, organic, student-designed life. According to CCAT members both new and old, the single ingredient necessary for achieving this feat has been innovative student projects.

One such project, the recently installed CCAT Wash n’ Flush, was led by Jeff Steuben, a CCAT co-director, along with volunteers Annie Welbes and Tim Dower. Built from stainless steel and copper tubing, the Wash n’ Flush could be an installation in a modern art exhibit. By rerouting toilet water into a sink basin atop the tank, the user washes his or her hands with the clean water, which then drains to complete the flush. “I was really interested in this project because Lanny Graffman, who teaches engineering courses, was going on a rant about how we use clean water to flush toilets,” Jeff says. “I was just like, ‘This is so absurd.’”

“For me it’s not about how much water we’re saving, but more the fact that we’re using gray water to flush the toilets, and that’s the most appropriate method,” Jeff adds.

Three Decades in the Making

Started in 1978, CCAT has been the go-to place for students and community members who want to learn about a greener life that’s easier on the planet. For the three student co-directors who actually live there, it’s a living, real-life experiment about teamwork, planning and building, busy at the work of a homegrown, organic, student-designed life. According to CCAT’s other two directors, Jocelyn and Jeff, had experience working together through HSU’s Green Campus Program, which seeks to enhance energy efficiency and conservation on campus.

For Jocelyn, it was a good preparation. “I worked 10 hours a week there, but I work 40 or more at CCAT. It was the same kind of work but a smaller work load,” she says.

Beyond the festival, the CCAT’s calendar is filled with workshops and classes for students and community members to brush up their skills—all in an eco-friendly way. Those curious can learn about worm propagation or knitting, join in a 250-mile potluck (where all the food originates from within a 250-mile radius), bring marigold starts to the seed and plant exchange, or try out a recipe for vegan donuts. As Jocelyn led us to the kitchen, students at a canning workshop were learning about the age-old tradition of preserving. In this case, it was tomatoes, apples and peaches donated from a Humboldt County farm. In addition to workshops, CCAT manages a library with a host of guides and cookbooks covering everything from green house construction to step-by-step plans for mixing your own paint without harsh chemicals and synthetic dyes. Combining these old-world skills with the modern age is a very busy Web master who runs CCAT’s Web site.

For Jess Huyghebaert, discovering CCAT was enough to convince her to say goodbye to her rural Vermont hometown. After some time at a small state college, Jess came to Humboldt State sight unseen. “I was accepted to Humboldt State without ever having looked at the Web site,” says Jess, who is pursuing an environmental science degree.

“I started at CCAT working on the rainwater and gray water systems. During the second semester I was part of the volunteer crew on Fridays working on rebuilding the upstairs. I learned how to wire the house, then I was hired as co-director and I was like, ‘Wow, I just remodeled the house I’m going to live in.’”

CCAT’s three co-directors take a breath on a hand-made cob bench. Cob is an environmentally friendly material composed of sand, straw and clay with superior weather resistance. The group’s pantry is filled with reused jars that contain healthy bulk food items. CCAT co-directors hold a weekly planning meeting.

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CCAT’s three co-directors take a breath on a hand-made cob bench. Cob is an environmentally friendly material composed of sand, straw and clay with superior weather resistance. The group’s library is a collection of 30 years of knowledge covering topics like appropriate technology, gardening and construction.
“The beginning of the semester is fuller because we’re teaching classes, hiring new employees, trying to get volunteers out here for the first time. Plus, at the beginning of the year we have to rewrite our budget for the next year,” Jocelyn says.

Assistance comes from CCAT’s faculty adviser, Professor John Meyer, who chairs the Department of Politics and teaches courses on environmental politics. Previous advisers included Professor Peter Lehman from the Schatz Energy Research Center, who was the group’s first adviser and served from CCAT’s inception to 2000, and Melanie Williams, a lecturer from the Department of Politics who served during Meyer’s sabbatical.

“It’s the adviser’s role to give practical advice when dealing with budgets, and also to help steer the mission of CCAT as it changes student leadership.

“CCAT is a conversation in the sense that there is no settled conclusion about what constitutes appropriate technologies or sustainability,” Meyer says. “It’s a constant grappling with new ideas and new ways of approaching things.”

CCAT History
For 30 years the Campus Center for Appropriate Technology has been the place to learn about sustainable living. With the help of former CCAT co-director Sean Armstrong (who has been described as a walking encyclopedia of CCAT knowledge), we take a look back three decades of highlights.

Working for tomorrow
We finish the tour on the western edge of the site near a garden filled with strawberries, artichokes, thyme and fennel. Across the yard, volunteer Corinne Cogger applies plumber’s tape to pipes in what will soon be a gray water marsh.

The trench reaches almost to the top of Corinne’s head, but she’s easily seen from the hillside where more garden patches make way for a path half-lined with bricks. The bricks are themselves a result of a student project to refurbish an old rammed-earth brick-making press. After finding the device in a dusty corner of campus, students Eghan Thompson and Jean Philippe Bourque have been busy collecting clay from CCAT’s grounds and mixing it with sand. The resulting bricks are intended to keep the sloping walkway from washing out during Arcata’s rainy winter.

At the front of the house, students and staff are giving planter boxes a final coat of varnish before seeds go in. The boxes, which were milled from naturally fallen redwood from Arcata’s community forest, look like they could last a hundred years — and that’s exactly the idea.

“Nothing is temporary at CCAT,” Jocelyn says. “Everyone’s always like, ‘Oh that’s just a temporary fix.’ Well, that was 15 years ago. One of the things this organization relies on is the notion of if you’re going to do it, do it right. It’s cliché, but it’s true.”

www.humboldt.edu/~ccat
Bring Back Bald Eagles to the Channel Islands?

The experts said it couldn't be done, but they had never met David Garcelon.

Two thoughts kept racing through David Garcelon's mind. The first was, "This is incredibly cool!" The second was, "This is incredibly stupid!"

Your mind has a way of contradicting itself when you're dangling from a helicopter, a hundred feet above the ground, and you're spinning like a top. Oh, and then there were the two eagles screaming and flapping about Garcelon's head. The hysterical raptors weren't exactly lending a sense of serenity to the moment. It was, however, just another day at the office for Garcelon.
"There were plenty of people who told me, ‘This just won’t work. You can’t succeed at this.’ But just because someone says ‘No’ doesn’t mean it can’t happen.”

– David Garcelon

BIG PLANS
A LOT OF US graduate from college with a laundry list of goals: get a haircut, get a job get those student loans paid off…

David Garcelon was no different when he graduated with a Wildlife Biology degree from Humboldt State in 1981. His personal to-do list just happened to begin with: Help Get Bald Eagles Off the Endangered Species List.

Half a million Bald Eagles once flew over North America. By 1963, only 417 mating pairs remained. One of the primary culprits in the species’ decline was DDT—a pesticide invented in 1939 to curb mosquito populations. Birds that ingest DDT often produce eggs with dangerously thin shells. The weakened shells crumble, causing mother birds literally to squash their offspring before they can hatch.

Garcelon knew all about the plight of Bald Eagles. He’d helped nurse several of the raptors back to health while working at a wildlife rehabilitation center in his hometown of Walnut Creek, Calif. When it came time to release the birds, however, he found there were few optimal places to set them free. The eagles required a relatively undisturbed environment. Garcelon settled on the remote Channel Islands that parallel the Southern California coast.

At the time, there were no Bald Eagles on any of the eight Channel Islands, which had once been home to 50 breeding pairs. DDT, biologists suspected, had killed them off. The more Garcelon thought about it, the more he believed he could help re-establish Bald Eagles on the islands—after all, DDT was now banned in the United States and the eagles’ habitat on the islands was still in excellent condition.

The challenge would lie in establishing a sustainable, breeding community. You can’t simply plop two adult eagles into unfamiliar territory and expect them to start a happy family. The birds will fly back to their old digs and set up house there. Encouraging eagles that the Channel Islands were “home sweet home” would require raising nestling eagles through adulthood on the Channel Islands.

This, as you might imagine, was easier said than done.

For starters, Garcelon was still a student at Humboldt State. He didn’t work for the government. He wasn’t a member of a well-financed wildlife restoration group. Oh, and this plan of his? It had never been done with Bald Eagles before. Most people, in fact, didn’t think it was even possible. When the Humboldt State student began shopping his proposal around to wildlife agencies and land managers on the Channel Islands, he initially met with considerable resistance.

“There were plenty of people who told me, ‘This just won’t work. You can’t succeed at this.’ Garcelon says, ‘But just because someone says ‘No’ doesn’t mean it can’t happen. If you have your facts straight, you should always continue to forge ahead.”

And forge ahead he did. His persistence eventually earned him the support of the Catalina Island Conservancy—a non-profit group that manages 88 percent of the land on Santa Catalina Island. The Conservancy was so impressed that it helped steer him in the direction of a foundation to fund his project and allowed him to base his efforts there on Catalina.

There was only one hitch—neither the foundation nor the Conservancy could simply give the money to Garcelon or any other individual. Each was legally required to bestow the grant on a non-profit organization. Garcelon then began searching for a non-profit, but could find no backers. Eventually, he threw up his hands and simply started his own non-profit wildlife restoration group: the Institute for Wildlife Studies.

“I figured, if nobody else wants to help me get Bald Eagles out there, then, well, I’ll just start my own organization,” Garcelon recalls.

The year was 1980 and 26-year old David Garcelon was now in charge of one of the most daring endangered species restoration projects in America… and he still had a semester left before he graduated from Humboldt State.

FATHER FIGURE—MINUS THE FEATHERS
BY THE SUMMER OF 1980, David Garcelon had become the unlikely father of several eaglets and was rearing them atop tall platforms, which he built on Catalina Island. Garcelon fed and provided the chicks with everything that a mother or father eagle would provide them, but naturally, there came a time when the eagles needed to fend for themselves.

By the summer of 1980, Garcelon had already become the unlikely father of several eaglets and was rearing them atop tall platforms, which he built on Catalina Island. Garcelon fed and provided the chicks with everything that a mother or father eagle would provide them, but naturally, there came a time when the eagles needed to fend for themselves.

For starters, Garcelon was still a student at Humboldt State. He didn’t work for the government. He wasn’t a member of a well-financed wildlife restoration group. Oh, and this
The Humboldt undergraduate student was now faced with a challenge. How do you teach an eagle to be an eagle when you don’t happen to be an eagle yourself? “Well, as it turns out,” explains Garcelon, “young eagles don’t actually learn that much from their parents before they set off on their own. What happens is that the adults continue to bring the youngsters food after they’ve learned to fly. The young eagles basically spend a lot of time flying around, screaming and harassing the adults for more food. People with children can probably relate to this. Eventually the parents get tired and stop feeding the young eagles, at which point the young eagles kind of go, ‘Well, if you’re going to be that way about it…and they fly off and start finding for themselves.’”

Before Bald Eagles learn to catch fish and prey on other birds, they scavenger, so Garcelon began leaving carcasses near the platform. As the young eagles developed, he spread the carcasses farther away from their nests, until the eagles were scavenging and, eventually, fishing on their own.

After about six years, Garcelon’s eagles began to form mating pairs. It was exactly what Garcelon and many others hoped to see. Unfortunately there was still one very big, disappointing problem: The eagles’ eggs were cracking under the eagles weight. Tests on the eagles revealed high levels of DDT.

It had been nearly 15 years since DDT was outlawed in the United States. Other species that had been decimated by the pesticide, such as Brown Pelicans, were recovering. Why not the Catalina eagles? It turned out the problem with DDT ran deeper than anyone suspected. Six years into his experiment, an outside study found that a DDT factory in Torrance, Calif. had dumped 1,800 tons of DDT sludge off the Southern California coast. That kind of pesticide load can remain in the food chain for decades, which explained the high concentrations of DDT in the Catalina eagles.

“It was incredibly disheartening,” Garcelon says. “I mean, I just spent a huge part of my life getting these birds out here only to face the possibility that they could never breed.”

PLAN B: DANGLING

WHILE MANY EXPECTED THE biologist to close shop and call it quits, Garcelon decided to take a new tack. After the eagles laid their eggs, he’d remove them from the nest (leaving dummy eggs in their place) and incubate the fragile eggs in a controlled environment. If those eggs successfully hatched, he’d slip the young eaglets back into the nest where they’d be reared by their parents.

“Not everyone agreed with our approach,” Garcelon admits. “They said, ‘If the eagles can’t live here without your help, you should just give up.’ I never bought into that. Bald Eagles play an important role in the environment. And besides, I figured humans created this problem in the first place, it’s up to us to take care of it.”

Initially, Garcelon climbed into the eagles’ nests to swap the eggs, but scaling the cliffs to reach those nests could take hours to complete. Nesting eagles are very sensitive to disturbances, enough so that they occasionally abandon their nests altogether. And there were the eggs to think of—they couldn’t be jigged about for hours on end.

Garcelon soon struck on the idea of entering the nests by dangling from a helicopter. “I’d been in helicopters before, so I was good there; and I was a rock climber, so I was comfy with the idea of hanging by a rope…hanging under a helicopter, on the other hand, was a new proposition. But the combo of trying something new and my being a bit of an admitted adrenaline junkie meant that I was pretty excited about giving it a try. You’ve got to have a lot of faith in your pilot, though,” Garcelon concedes, “because they can easily mush you into the side of a cliff with one bad move.”

There was also the issue of spinning at the end of the rope. “At first, we couldn’t stop me from twirling around on the rope. I would get really dizzy and wonder if I could even make the egg swap or whether I might just upchuck into the nest once I got there. That was a little scary, but after the first few times, it was actually pretty cool.”

COMING FULL CIRCLE

Garcelon’s plan succeeded in boosting the island’s eagle population. Today, 50 eagles live on the Channel Islands. Moreover, in 2006, something miraculous happened—a chick hatched on its own on one of the northern Channel Islands. That hatching, which made news around the world, was followed by four more natural hatchings on Catalina Island in 2007 and 2008.

“I hope every one of my projects doesn’t take three decades to come to fruition, because I haven’t got many of those left,” Garcelon says with a laugh, “but it’s just been incredibly rewarding to see these eggs hatch on their own and for the project to finally come full circle.”

A lot has changed in the years since Garcelon first dedicated his life to bringing species back from the brink of extinction. Thanks to a massive national effort, Bald Eagles have made a dramatic recovery. More than 11,000 mating pairs now nest in the United States. David Garcelon is now one of the foremost experts on the species and the institute he founded as a Humboldt State student is no longer a one-man, one-mission kind of organization. The Institute for Wildlife Studies currently employs upwards of 50 staffers from the wild, with The Institute for Wildlife Studies currently employs upwards of 50 researchers and restoration efforts. David Garcelon and other researchers negotiate their way to remote nests (left) and delicately remove the eggs (top right). They then replace them with artificial eggs. Later, the eggs are hatched in captivity and the eaglets are fed via eagle-hand puppets (middle right). After a short time with researchers the eaglets are returned to their nest in the wild (bottom right).

Photo courtesy of David Garcelon and The Institute for Wildlife Studies

People with children can probably relate to this. It’s up to us to take care of it.”

Garcelon still calls Arcata home and, when he’s not consumed with the day-to-day challenges of running the Institute, the Humboldt alum manages to inspire new generations of wildlife biologists at Humboldt State. “I see that spark of excitement in students’ eyes and I think, ‘That was me way back when!’” says Garcelon. “You want to let them know that they really can do the things they dream about. It may take a lot of time and they’ll probably have to push for it to come true, but just because something’s never been done before doesn’t mean you can’t make it happen.”
MICHAEL CROOKE'S '86, '89 career has taken him from the depths of the sea to the heights of academia. The Forestry and Business alum and former CEO of Patagonia Inc. recently addressed more than 2,000 graduates at HSU's 2008 Commencement ceremonies.

Delivering "A Mandala for the 21st Century," Crooke plotted a course for personal and spiritual success that centers on establishing a set of unwavering principles. "There is widespread recognition that satisfaction—both with one’s work and with one’s life overall—is rooted in living in accordance with one’s beliefs and values. I can’t emphasize the importance of this enough," Crooke said in his speech.

Crooke, who currently serves as an independent consultant to high-growth enterprises, recently put the finishing touches on his Ph.D. at Claremont University in Claremont, Calif. The basis of his research is an idea known as flow, a concept originated by the chair of his Ph.D. committee and Claremont University Professor Mihály Csíkszentmihályi.

Crooke describes flow as a state of mind one enters when several factors come together: time ceases to have meaning, left and right brains perform harmoniously and amazing work is accomplished. In other words, everything just flows. Crooke’s research takes the concept and investigates the correlation between a compatibility of values held by both the worker and the organization and how this can contribute to a state of flow.

"When you have those congruencies of values and people are all working toward the same goal, you have a high level of integration and they reach a flow state and time doesn’t matter and you obtain a high level of creative output."

Flow is something Crooke has experienced firsthand. Early in his life, he signed up for a four-year enlistment with the United States Navy. Soon after boot camp, the young seaman signed up for Basic Underwater Demolition and SEALs training.

The rigors of life as a Navy SEAL were perfect training for the business world, where Crooke would eventually go on to rise to the top of leading firms like Kelty, Pearl Izumi and Patagonia. It was also where he could combine his team-building skills with his life-long love of the outdoors.

But before he took his first job, Crooke, like so many veterans, used money from the military’s G.I. Bill to go to college. After two years at Santa Clara Junior College he transferred to Humboldt State’s forestry program where he would earn his Bachelor’s of Science. Crooke found inspiration on HSU’s Track and Field team, coached by Jim Hunt.

"I went to talk to Jim Hunt about how I’d do as a runner. He’s not only one of the greatest track coaches, but he’s also a world-class nice guy. After talking to him I realized he was the kind of guy I’d like to have as a mentor."

According to Crooke, Hunt helped him see that true success doesn’t arrive in the form of a paycheck, but rather the satisfaction that comes from living a life in agreement with one’s own deeply held beliefs.

Words of wisdom, to be sure, but were these two able to work on Crooke’s 400-yard-dash time?

“Well, it turns out I wasn’t that great of a runner.”
Heather Meader-McCausland  
Reconnecting with her Alaskan Roots

Growing up, she watched as her parents, Fred Meader, who passed away in the 1970s, and Elaine Meader (now Elaine McCausland), put together Year Of The Caribou, a film that documents life in the Alaskan wilderness. For nearly two decades the family had lived off the land in a mountain valley 80 miles from the Arctic Circle and 200 miles from the nearest road. Meader-McCausland sees her work as a continuation of their legacy.

Along with her sister, Dawn Meader-McCausland, and her mother, she gives talks and presentations about the family’s life in Alaska. They are both working to expand their parents’ film in Humboldt, Sonoma, and Orange counties in California.

In July, Meader-McCausland returned to Alaska and is planning to spend the coming winter there. Afterwards, she will split her time between Sonoma County and her Northern Alaskan home. While living in Alaska she is intent on continuing the mission of Northern Light Legacy and capturing the area’s frigid beauty so it may be shared with the world.

For more information and additional photographs, visit www.hmmphotographs.com and www.northernlightlegacy.org.

FEW PEOPLE EVER FIND themselves north of the Arctic Circle. But Heather Meader-McCausland, who graduated from Humboldt State in 2005 with a degree in Women’s Studies, had returned to live in her family’s original cabin in Northern Alaska in the summer of 2006. When she returned to California, the professional photographer processed more than 8,000 images.

“My photos express what I feel about a land I call home,” she says. “I believe that respect and understanding will help us move towards a less destructive future with the Northern Lights.”

“I believe that respect and understanding will help us move towards a less destructive future with the Northern Lights.”

1950s

Alan McGie, ’54, a fisheries graduate with a master’s degree, worked for the Oregon Department of Fish and Wildlife for 34 years before retiring as a Program Leader of Fisheries Research. Alan and his wife of 52 years, Darlene, live in Albany, Ore.

Darlene (Foresti) Porter, ’57, a political science graduate with a music minor, worked in public affairs for the Air Force for 20 years at McClellan Air Force Base in Sacramento, CA, where she escorted President Bush, Sr., President Clinton and visiting men and women from Congress. After retiring from the Air Force in 1988, Darlene worked for the Sacramento Bee newspaper and then the American Cancer Society. An opera singer for 20 years, Darlene has performed with Charlton Heston and Barry Manilow and currently sings with the North Bay Opera in the Bay Area. Her oldest grandson, Tyler, recently graduated from the University of California, Davis as an All-American track athlete. Darlene lives in Citrus Heights, Calif.

1960s

Arnold Albrecht, ’62, a forest management graduate, has retired from his job as a forester with the USDA Forest Service. He lives in Koloa, Hawaii.

Richard Griffith, ’62, a physical education graduate, has retired from the U.S. Department of Transportation. He lives in Cottonwood, Calif.

John Frost, ’63, a wildlife management graduate, has retired after 40 years working on water resources and watershed planning and policy with the U.S. Army Corps of Engineers and the U.S. Department of Agriculture. John lives in Washington, D.C.

Robert Lackey, ’67, a fisheries graduate, earned a master’s degree in zoology from the University of Maine and a doctorate in fisheries and wildlife science from Colorado State University. He is a professor in the Department of Fisheries and Wildlife at Oregon State University and works as a fisheries biologist with the U.S. Environmental Protection Agency in Corvallis, Ore. In June, Lackey was honored with the EPA’s Gold Medal for Exceptional Service for his work with the Salmon 2100 Project, developing practical policy options for restoring and sustaining wild salmon populations.

Rollin Dal Piaz, ’68, a biology graduate, taught middle school science for 13 years in Los Angeles and went on to work as a salesman, a writer and consultant and a draftsman. He currently works as a sales clerk at a gas station/convenience store in Anchorage, Alaska.

Robert Groton, ’68, a fisheries graduate, has retired from the U.S. Fish and Wildlife Service. He lives in Oak Harbor, Wash.

Louis D’Aria, ’69, ’76, ’77, a theater arts graduate with a teaching credential and a master’s degree in theater arts, is the executive producer of the Michigan State University Knight Center for Environmental Journalism’s television program “Environment.” In June, the Michigan Chapter of the National Academy of Television Arts and Sciences awarded Louis an Emmy in the category of best lighting for “Dying to Be Heard,” a docu-

Mark Your Calendar

Men’s Basketball
UCLA and Disney Classic
November 4, 2008
Anaheim Convention Center
Jacks vs. UCLA Bruins

Disney Classic
November 6-8, 2008
For info on getting tickets, visit alumni.humboldt.edu

Alumni Reception
Los Angeles area
November 8, 2008, 3-5 p.m.

Distinguished Alumni Awards Banquet
Humboldt State University
April 17, 2009
The Distinguished Alumni Awards are presented each year to honor individuals for leadership in their fields and outstanding contributions to their community, nation, or Humboldt State University.

The 2008 recipients are:

Terry Grosz (B.S. 1964, M.S. 1966)
Writer and retired
U.S. Fish and Wildlife Service
Senior Special Agent

Lyle Laverty (B.S. 1965)
U.S. Assistant Secretary of the Interior for Fish, Wildlife and Parks.

Robert Thomas (B.S. 1985)
Professor of Geology
at University of Montana Western

Richard Cuneo (B.A. 1962)
Chairman of the Board of Sebastiani
Vineyards and Winery

Margie Winters, ’70, passed away in Port Townsend, Wash., in January. A graduate of San Ramon Valley High, Margie grew up in San Francisco and moved to Eureka in 1954 with her second husband and her three daughters. She worked at the Greyhound Bus depot and for California Parks and Recreation at Fort Humboldt. In 1967, when her oldest daughter began attending Humboldt State University, Margie went to college with her. She did graduate work in theater and film and performed in numerous plays. In the ’70s, ’80s and ’90s, Margie was a stalwart of community theater at the Pacific Art Center, the Northcoast Repatory Theater and the Ferndale Reparatory Theater. She also acted in films, garnering a membership in the Screen Actors Guild with her performance in “A Death in Canaan.” After more than 40 years living in Humboldt County, Margie moved to Ashland, Ore., in 1998 with her dog Jack to be closer to family, before moving to Washington to live with her youngest daughter.

Barry Glenn Dreher, ’71, a wildlife graduate, worked as a warden and detective for the Washington Department of Fish and Wildlife for 31 years before moving to Windsor, Calif., and marrying his high school sweetheart in 2004. He now works as a technician for the California Department of Fish and Game’s Ocean Salmon Project.

Joyce Pasini, ’71, a psychology graduate, is a retired teacher and lives in Parker, Ariz.

Jacquelyn Moerk, ’72, a history graduate, is a library reference technician at University of San Diego.

Gary Menaghin, ’73, a wildlife graduate with a master’s degree, works in the Environmental Science Department of Pacific Gas and Electric.

Marc Miller, ’73, a fisheries graduate, is a fisheries biologist for the Washington Department of Fish and Wildlife.

Dave Patula, ’73, a fisheries graduate, is a game warden with the Nevada Department of Fish and Wildlife.

Timothy Ely, ’69, a wildlife graduate with a master’s degree, retired from his position as a biologist with the Alaska Department of Fish and Game and U.S. Fish and Wildlife Service. He is a consultant on wildlife ecology and GIS mapping and lives in Anchorage, Alaska.

Candace McNaughton Williamson Daly, ’69, ’72, a business administration graduate with a master’s degree, is a retired college professor and lives in Franklin, Tenn.

Jean McGurk, ’74, a psychology graduate, is a real estate agent with Century 21 Exchange Realty. She lives in Stockton, Calif.

Karen Vortin, ’74, a journalism graduate, is a health insurance agent with Brody, Walsh and Brody. She lives in Novato, Calif.

Daniel Sealy, ’75, a natural resources graduate, is a deputy chief with the National Park Service and lives in Bethesda, Md.

Bruce Wells, ’75, a fisheries graduate, is a retired principal and runs his own business. He lives in Juneau, Alaska.

Emily Kratzke, ’76, a journalism graduate, is an arts and culture staff writer for The Journal/News. She lives in Washington Township, N.J.

Paul Areida, ’77, a psychology graduate, is the president of Piserv. He lives in Stockton, Calif.

Cathy Lewis, ’77, a theater arts graduate, is an attorney and lives in Great Falls, Mont.

Rick Lytle, ’77, a journalism graduate, is the senior vice president for Business Advantage Consulting. Rick lives in Cameron Park, Calif., with his wife and three children.

John Cressy, ’78, a journalism graduate, is a writer for Whisnant Communications. He lives in Ventura, Calif., with his wife and two children.

Robert Judge, ’78, a biology and botany graduate, earned a doctorate in information systems and technology and lectures at San Diego State University and the University of San Diego.

Brian Akre, ’80, a journalism graduate, is the director of Executive Speaker Services for the Nokia Corporation. He lives with his wife and three children in Finland.

Linda Pulver Brewer, ’80, a journalism graduate, is the owner of Body Knocks Massage Therapy and enjoys cross-country motorcycle trips. She lives in Fayetteville, Ariz., with her husband.

James Freeman, ’80, received a master’s degree in English from HSU and is a professor of language and literature and social science at Bucks County Community College in Pennsylvania. James has published a novel, “Liar’s Tales of True Love,” and is donating the proceeds to the Ray Reilly Memorial Scholarship Fund. He lives in Newtown, Penn.

Kim Orozco, ’80, a liberal studies graduate, is a teacher with the Santa Ana Unified School District. She lives in Fountain Valley, Calif.

Dennis Weber, ’80, a journalism graduate, is a maintenance program coordinator with the California State Parks system. He lives in Roseville, Calif., with his wife.

Eric Wiegers, ’80, a journalism graduate, is a deputy director for the California Apartment Association. He lives in Sacramento, Calif., with his wife.

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Writer and retired
U.S. Fish and Wildlife Service
Senior Special Agent

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1970s

1980s

Search for:
- College Roommates
- Former Teammates
- Friends
- Jobs
- Employees
- Professional Contacts

Join/create groups around:
- Interests while at Humboldt State
- School year, major, sports teams
- Careers, companies, region

Update your information
Post a class note (It may appear in an upcoming Humboldt magazine)
Look for a job
Get info on alumni events and programs
Post photos, albums, bulletins, and classifieds
Build a profile

Sign up today by visiting alumni.humboldt.edu
Using the Constituent ID on the mailing block of this magazine.
Robert Lackey

A Bold Plan for the Salmon Crisis

IT’S WHAT YOU CALL a disaster. As you read this, a mere 50,000 Chinook salmon are swimming up the Sazamanto River to spawn. Six years ago, more than 800,000 fish made the same trip. In April, California Gov. Arnold Schwarzenegger declared a state of emergency, the salmon ocean-fishing season was closed, a thousand fishermen were suddenly out of work and policy makers were scrambling for solutions.

The recent collapse of California’s last great salmon fishery, however, didn’t shock Robert Lackey a bit. “If this caught you by surprise,” Lackey says, “you’re just not paying attention. What we’re looking at these days, even during a good year, is less than 10 percent of the original wild salmon numbers.”

Lackey knows salmon. The Humboldt State alum (‘67) is a senior fisheries biologist with the Environmental Protection Agency, the author of more than 100 scientific journal articles and the EPA project leader of Salmon 2100—a bold report that includes an unusual mix of no-holds-barred proposals for turning the tide and restoring wild salmon.

Twenty-three biologists, policy experts and advocates contributed chapters to the book. While some disagree with another’s proposed remedies, all agree on one thing: America’s current strategies for restoring salmon simply won’t save the day.

“Current restoration efforts are well-intentioned,” Lackey explains, “but they’re still patchwork. We’re not addressing the fundamental issues. If society wants wild salmon runs, it’s going to have to make some priorities. Wild salmon may or may not be a top priority. Our goal with the Salmon 2100 report is to point out that we continue to demand more fresh water…wild salmon in the West will simply won’t save the day. “But,” he says, “there’s still hope.”

Roger Andraschik, ‘91, a natural resources planning and interpretation graduate, lives in Lemoore, Calif., with his wife, Karen, who graduated from HSU in ‘81 with a degree in recreation administration.

Thomas Cantarino, ‘82, a business administration graduate, is a senior programmer analyst with Health Net. He lives in Chatsworth, Calif.

Steve Harris, ‘82, a natural resources planning and interpretation graduate, is an environmental analyst with the Lawrence Livermore National Lab. He lives in Brentwood, Calif.

Jeff Lincoln, ‘82, a business and economics graduate and “Man of the Year” at HSU, invented the Lincoln Lawn Frame, a styrofoam frame to enhance standard real estate lawn signs. Realtor magazine selected the frame as a lead item under “Cool Tools” in its June issue, and the Chicago Agent magazine featured his invention as the lead item under “New and Innovative Product” in the May 5 issue. Lincoln lives in Cherry Hill, N.J., and donates 5 percent of his profits to charity.

Tom Mings, ‘82, a wildlife graduate, works with wetlands as a senior ecologist for the St. Paul District Corps of Engineers. He recently retired from playing rugby and got married. Tom teaches wetland and prairie ecology every year at the Minnesota Waterfowl Association’s Woodie Camp. He lives in Farmington, Minn.

Chuck Dresel, ‘83, a history graduate with a master’s degree in social science, teaches middle school for the Napa Valley Unified School District. He lives in Napa, Calif.

Richard Nelson, ‘83, a journalism graduate, is a copy editor on the national desk of the Los Angeles Times. He lives in Pasadena, Calif., with his wife.

Michael Sagehorn, ‘83, a political science graduate with a minor in speech communication, served in the Marines after graduating from HSU. He is a chemical engineer at Dow Chemical, Tuscola, IL.

Tom Davis, ‘84, a biology graduate, is an independent contractor at the California Academy of Sciences. He lives in Mill Valley, Calif.

Lynn Pretzel, ‘88, a journalism graduate, owns a radio and electronic business and has earned Best in Show for cross stitch three times at the Humboldt County Fair. She lives in Eureka, Calif., with her husband and two children.

Shelley Sullivan, ‘88, a political science graduate with a minor in geography, is a paralegal with Genworth. She lives in Edin Prairie, Minn., with her husband and daughter.

Sue (Neal) Wright, ‘88, a liberal studies graduate, is a first-grade teacher. She lives in Kuna, Idaho, with her husband, Jonathan, a fellow HSU graduate.

Craig Richmond, ’89, a wildlife graduate, works in criminal investigations as a special agent for the U.S. Army. He lives in Woodbridge, Va.

2010s

Derek Poole, ’90, an art graduate, is a self-employed artist in Spokane, Wash.

Jonathan Wright, ’90, a physical education graduate with a minor in math, is a mathematics teacher for the Emmett Independent School District. He lives in Kuna, Idaho, with his wife, Sue, a fellow HSU graduate.

Anders Mikkelsen, ’91, a wildlife graduate, is a wildlife mitigation project manager for the Coeur d’Alene Tribe in Coeur d’Alene, Idaho.

Christine “Tina” Shors, ’91, a liberal studies graduate, recently retired from a career in telecommunications management. She lives in Forestville, Calif., with her husband. Her son is currently pursuing a bachelor’s degree in graphic design.

Jon Dohlin, ’92, a biology graduate, earned a master’s degree in architecture from the Parsons School of Design in New York City. As part of the Exhibition and Graphic Arts District for the Wildlife Conservation Society, he helped design the Congo Gorilla Forest and numerous aquarium exhibits. He was recently appointed the director of the WCS’s New York Aquarium. He lives in New York City.

Cesar Fernando Elias, ’92, a geography graduate, is a water safety officer and Santa Clara County park ranger. He lives in San Jose, Calif.

Mark Sheppard, ’92, a political science graduate with a minor in international relations, is an appraisal technician with the San Bernardino County Assessor’s Office. He lives in Redlands, Calif.

Eric Snyder, ’93, a chemistry graduate, received a doctorate from Pennsylvania State University and works in sales for Phenexom. He lives in Granview Heights, Ohio.

Tasha (Bostow) Snyder, ’92, a psychology graduate, received a doctorate from Pennsylvania State University and is an associate professor at Ohio State University. She lives in Granview Heights, Ohio.

Shari (Hamburglen) Downhill, ’95, a journalism graduate, is self-employed and lives in Grants Pass, Ore.

Jesse Ettinger, ’95, a journalism graduate, does picture and sound editing for Disney/ABC Entertainment and runs his own editing business, Ettinger Productions.
Famous landmarks include the Roman Forum, and the Trevi Fountain. Marvel at scenic Tuscan countryside as you travel to medieval St. Peter’s Basilica; the largest church in the world, "Renaissance," has architectural treasures around Florence, the city known as "the Cradle of the Renaissance," has architectural treasures around virtually every corner. Famous landmarks include the Colosseum, the Roman Forum, and the Trevi Fountain. Marvel at St. Peter’s Basilica; the largest church in the world, and visit legendary Pompeii. Florence, the city known as "the Cradle of the Renaissance," has architectural treasures around virtually every corner. Famous landmarks include the Duomo and the Ponte Vecchio Bridge. Discover the scenic Tuscan countryside as you travel to medieval Lucca and the classic Italian city of Pisa.

For more information, visit alumni.humboldt.edu
Terry Grosz
32 Years of Nabbing Poachers

“I’LL TELL YOU WHY I’m here. I’m here because I spent 32 years in the mud and blood and beer of the arena that is the world of wildlife. And I’ll tell ya, it’s a heck of a world.”

That’s how Terry Grosz ('64 and '66, Wildlife) opened his address to a rapt audience in the Humboldt State Wildlife Building’s biggest lecture hall in the spring. It was the first part of a campus tour, book signing and awards dinner tied to Grosz receiving a 2008 Distinguished Alumni Award.

Grosz went on to detail the highs and lows of life in what he dubbed the “wildlife wars.” Whether as a professional in the field of law enforcement or as a prolific writer, Terry Grosz has distinguished himself with passion, dedication, integrity and professionalism. His career started in 1966 with the California Department of Fish and Game in Eureka. After several years and a transfer to Colusa, Calif., he was hired by the U.S. Fish and Wildlife Service, moving into increasing responsibility for conservation and wildlife law enforcement.

When Grosz became the Fish and Wildlife Service Senior Special Agent, he wrote regulations, policy and procedures, responded to congressional inquiries, provided advice, guidance and expertise. But it wasn’t just a desk job. He also traveled throughout Asia assisting foreign governments in curtailing the smuggling of wildlife and established cooperative international law enforcement programs.

In 1998, Grosz retired from the Fish and Wildlife Service, and began a second career as a writer. He has since published seven books — Animal Planet even adapted his work for television in the Wildlife Wars series. His first book won the National Outdoor Book Award and was a Colorado Book Award finalist. Publishers Weekly described it as “Environmentalism meets Indiana Jones.”

Grosz says more books are on the way. Clearly, he’s got a lot of material to work with.

Timothy Edmunds, ’02, a wildlife graduate, is a biologist for the Suisun Resource Conservation District, working with duck clubs in the Suisun Marsh to help improve wetland habitat. He lives in Suisun, Calif.

Matthew Savage, ’02, a political science graduate with a GIS certificate, is a GIS developer for CH2M Hill. He lives in Colorado Springs, Colo.

Jennifer Troike, ’02, a journalism graduate, is a promotions producer with KTVZ-TV. She lives in Bend, Ore.

Samson Ghafari, ’03, an economics and business administration graduate, is a financial advisor for Edward Jones Investments. He lives in Camarillo, Calif.

Amber Rees, ’03, a liberal studies child development graduate, is a financial aid specialist for Humboldt State University. She lives in McKinleyville, Calif.

Marcie Lima-Baumbach, ’03, a wildlife graduate, is a wildlife biologist for the Stanislaus National Forest, conducting surveys for species such as Northern goshawks, spotted owls, great gray owls, martens, fishers and bats. She lives in Mi Wuk Village, Calif.

Dana Michaels, ’03, a biology graduate, is attending medical school at the Southwest College of Naturopathic Medicine in Tempe, Az. She lives in Mesa, Ariz.

Heather Sunblad-Rhoads, ’03, a journalism graduate, runs a home-based publishing business and does cake decorating. She lives in Burlington, Wash., with her husband and daughter.

Laura Tankersley, ’03, a journalism graduate, is an account executive with a public relations agency.

Diane Batley, ’04, a journalism graduate, is the assistant managing editor of The Eureka Reporter. She is the secretary of Keep Eureka Beautiful and a member of the Humboldt County Historical Society, involved in historical research and preservation of her 1901 colonial house. Diane lives in Eureka, Calif.

Josh Estavillo, ’04, graduated with a master’s degree in English literature and works as an attorney for the University of Arizona. He lives in Tucson, Ariz.

ATTENTION ALUMNI
Affinity programs are agreements between the university and a business partner to offer discounted services (such as travel, insurance or credit card memberships) to alumni. These affinity partners also give a portion of their business back to universities, which use the funds to support alumni programs, student scholarships, academic programs, etc. In the process of providing you with these benefits, your information is shared with select partners, which sign a privacy contract and are not allowed to share your data. Senate Bill 569 was recently passed to allow the continuation of these beneficial programs for our alumni and friends. Per SB 569, you also have a Privacy Choice (see below).

IMPORTANT PRIVACY CHOICE
You have the right to control whether we share your name, address, and electronic mail address with our affinity partners (companies that we partner with to offer products or services to our alumni). Please read the following information carefully before you make your choice below.

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

YOUR CHOICE
Restrict Information Sharing With Affinity Partners: Unless you say “NO,” we may share your name, address, and electronic mail address with our affinity partners. Our affinity partners may send you offers to purchase various products or services that we may have agreed they can offer in partnership with us.

TIME SENSITIVE REPLY
You may decide at any time that you do not want us to share your information with our affinity partners. Your choice marked here will remain unless you state otherwise. However, if we do not hear from you, we may share your name, address, and electronic mail address with our affinity partners.

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

Name (w/Middle Initial)
Address:
Phone:
Email:
Signature:
Date of Birth:

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

Name (w/Middle Initial)
Address:
Phone:
Email:
Signature:
Date of Birth:
What’s up with you?
WE WANT TO HEAR about important changes in your life. Your fellow alumni are curious also. Send us a Class Note about your career change, marriage, baby, community work, etc. Space permitting, we'll run it in a future Humboldt magazine.
SUBMIT ITEMS AT THE alumni Web site, alumni.humboldt.edu, or alumni@humboldt.edu. Don’t forget to include your name, the year you graduated, degree and contact information.

Heather Hanks, ’04, a liberal studies child development graduate with a minor in family studies, works as an early interventionist for the Solano County Office of Education and is completing her master’s degree in special education at Sacramento State. She lives in Fairfield, Calif.

Megan Jones, ’04, a wildlife graduate, has completed a research technician with Western sage grouse in Wyoming. El Oro parakeets in Ecuador, songbirds in Australia, shorebirds in Alaska, and white-ruffed manakins in Costa Rica. She is applying for graduate positions and lives in Orcas, Wash.

Ahnie Litecky, ’04, a journalism graduate, served in the Peace Corps and is currently a mental health professional with Behavioral Dimensions. She lives in Grantsburg, Wis, with her husband, a fellow HSU graduate.

Timothy Nelson, ’04, a wildlife graduate, is an environmental technician for the Wiyot Tribe, working to culturally and environmentally restore Indian Island in Humboldt Bay. He lives in Arcata, Calif.

Frank Pruett, ’04, a journalism graduate, works as a grants editorial assistant for the San Diego Unified School District. He lives in San Diego, Calif.

Melissa Hannum, ’05, a journalism graduate, works as an IT technician and produces the staff newsletter for the Briar Patch Co-op. She lives in Grass Valley, Calif.

Ari Komfeld, ’05, a biology graduate with a minor in physics, is a student at the University of Canterbury and lives in Christchurch, New Zealand.

Eric “Rick” Lotz, ’05, a forestry graduate, is a forester for Olympic Lumber. He lives in Scotia, Calif.

Darren Patton, ’05, a psychology graduate, is a mental health specialist for the County of Del Norte Mental Health Department. He lives in Crescent City, Calif.

Kim Snapp, ’05, is a personal trainer at the Capital Athletic Club. She lives in Sacramento, Calif.

Nicole Alvarado, ’06, a communications graduate, is the Kansas City/ Eastern Kansas admissions recruiter for Newman University. She lives in Wichita, Kan.

Ellie Cachette, ’06, a political science graduate, is an independent consultant in Marin County, Calif.

Sean Canton, ’06, a journalism and geography graduate, works as a web director for a Libertarian presidential campaign and provides GIS mapping for an emergency response organization.

Eversen Corrigan, ’06, a journalism graduate, is a business manager and board operator for KSCO and KOMY radio and is working toward starting a new media production business. He lives in Santa Cruz, Calif.

Nicholas Grant, ’06, a forestry graduate, is a forestry technician for Pacific Lumber. He lives in Scotia, Calif.

Bessie Harris, ’06, a liberal studies elementary education graduate with a minor in psychology, is a coordinator for CalSoap. She lives in Burnt Ranch, Calif.

Michelle Hauser, ’06, a cellular/molecular biology graduate with a minor in chemistry, is a student and researcher at Harvard University’s medical school. She lives in Boston.

Kevin McManigal, ’06, a geography graduate, ran a freelance cartography business in Switzerland before moving to Missoula, Mont, to work in the route and mapping department of Adventure Cycling.

Melvin Meadlin II, ’06, a computer science graduate with a minor in religious studies, is a programmer for JT3 and lives in California City, Calif.

Kristy Zielke, ’06, a liberal studies elementary education graduate, is an elementary teacher working toward her master’s degree in education. She lives in Ridgecrest, Calif.

Omar Avendano, ’07, an economics and business administration graduate with a minor in international relations, received a doctoral fellowship from the Robert Wood Johnson Foundation Center for Health Policy at the University of New Mexico. Omar is currently working toward his doctorate in economics at the University of New Mexico. He lives in Riverside, Calif.

Robert Deane, ’07, a journalism and history graduate, is a workers compensation researcher/investigator for Humboldt Investigations and Photocopy. He lives in Eureka, Calif.

Ebba Fournier, ’07, a nursing graduate, lives in Arcata, Calif.

Emily Hamecher, ’07, a geology graduate, is working toward her master’s degree at the California Institute of Technology. She lives in Pasadena, Calif.

Blanca Hayashi, ’07, a botany graduate, is a server at Bless My Soul Café. She lives in Eureka, Calif.

Karen Sargent, ’07, a social work graduate, is an interim case manager for the Arcata Endeavor. She lives in McKinleyville, Calif.

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