Dear Alumni, here is the second annual Forestry and Wildland Resources newsletter. There is much to talk about—some of it bad I am afraid—so let’s get started.

We made an important curricular change during the year. Following the advice of our Forestry Advisory Committee (led by Russ Forsberg and Andrea Tuttle), we switched the required math component from calculus to statistics. The argument was that while it might be ideal to have both, we are already up against the 120-unit limit imposed by Sacramento and thus must choose between them. Crucially, the FAC felt that statistics was more important for the great majority of the career paths that flow from a forestry degree.

Our new ASC, Alma Zechman, started in February. With 20 years experience, she quickly got the hang of things, and already a few months later is a welcome fixture in the front office. This is not an easy job; we are arguably the busiest department on campus. But Alma is smart, curious, affable, and industrious, and we feel lucky to have someone with her talents in this position.

While enrollments in forestry at Cal Poly and Berkeley continue to decline, our numbers have skyrocketed. From 2010 to 2014, our annual intake of freshmen and transfers averaged about 50. The numbers then began going up and, next August, we will be welcoming more than 100 new students! Whether this a statistical blip or word has gotten out that there are lots of employment opportunities for foresters is not at all clear. Certainly, recruiting efforts by this department or the university have been minimal. In any case, while the sudden growth creates headaches as we scramble to offer extra lab sections and find larger classrooms, this is a welcome type of problem to have, and one that is a good thing for the forest sector of the economy.

Starting in August our incoming freshmen will be enrolled in a new initiative called the Klamath Connection. The idea behind this endeavor is that the great majority of students here are far from home and initially, in many cases, simply lonely, lacking any link to the area or to the other students. As you have probably heard, first-year attrition of undergraduates in the California State University system (and our department is no different) is very high. If this initiative staunches that loss even by a few percentage points, it will be worthwhile. The Klamath Connection experience begins in the week before classes start, with all the freshmen in the natural resource departments (Fisheries, Wildlife, Environmental Science and Management, Forestry and Wildland Resources) mingling as professors take them for walks in the forest, rangelands or seashore. Using the Klamath River drainage as a unifying theme, students will collect and analyze data, and discuss their results. (There is one afternoon in that first week where the forestry and range students will be off on their own, and Humboldt Redwood Company has generously offered to lead them on a tour of their Freshwater operations.) After this initial week, they are then block-enrolled into the same classes for the fall. The expectation is that this experience will spawn friendships and, just as important, a sense of place, a sense of belonging to this place: HSU and the landscape around us.

Now we turn to bad news. We lost three invaluable faculty this year: Han-Sup Han, Dan Opalach, and Justin Kostick.

Dr. Han-sup Han, our splendid forest operations professor, was offered a position by Northern Arizona that he could not refuse. They asked him to lead a new institute devoted to research on forest biomass utilization (his specialty) with a multi-million dollar budget and a large staff. (He told me on the phone a few weeks ago that he needed to make arrangements for a trip and for the first
time in his life a staff member procured tickets, accommodation, etc. “I can get used to this,” he said.) He is now positioned to take a leadership role at the international level in research on the uses of harvest residue. While we will certainly miss him, students and colleagues wish him the best as he takes this new path in his career. Luckily, we have Kevin Boston ably teaching Han’s operations courses, and Jeff Kane has replaced him as director of the McIntire-Stennis program at HSU.

Dan Opalach retired from his day job (Green Diamond) and his night job (teaching mensuration for us) and moved to Redding. He taught mensuration not for the money (peanuts compared to his salary at Green Diamond) but strictly for the joy he found in teaching a subject he loves. He had a wonderful natural ability to teach, combining theory with the practical experience of several decades in the woods, all of it imbued with his infectious enthusiasm. Not surprisingly, he was immediately hired by the forestry program at Shasta College in Redding. Many of those kids will transfer to HSU after they finish their AA degree, and so in a sense he is still teaching for us.

A major transition in 17-18 occurred as our Logging Sports adviser Justin Kostick was transferred by Green Diamond to Oregon at the start of the season. Justin did a great job and he will be missed. His role was filled this year by our new adviser, Connor Goldstein, who, like Justin, is a forestry alum (class of 2014) and Green Diamond employee.

Finally, we lost our ASC, Maurine Nicholson. (The ASC is the person who runs the front office.) As their daughter went off to Indiana as a freshman, she and her husband decided it was time to move, and they are now in Idaho. Maurine will be remembered by all of us. She was not merely good at her job, she was able to play the role of surrogate ‘mom’ for the students, listening, counseling, and encouraging them. Sometimes the faculty forget that our students are young adults who are still uncertainly feeling their way forward; Maurine never forgot.

Following questionable financial management during the last decade, HSU finds itself—and during an economic boom within the state—one of two campuses of the State University system to be currently enduring a budgetary crisis. For many years the university ran a structural deficit, borrowing from the Reserve Fund (in essence, a savings account) to balance the books. That Fund is now about empty. Worse, enrollments at HSU (but not in FWR) have declined for two straight years, thus reducing tuition fee receipts. One way to save money at a University is to run a few large classes rather than several smaller ones, and though this reduces flexibility in scheduling classes for students, it is the least painful approach. For 2019-20 our department met our required cuts by using this method as well as by greatly reducing the number of science GE courses we offer for students in other colleges. But for 2020-21 the Provost wants an equally large round of cuts. It is not clear how we could do this: all the largest classrooms are now fully booked from 8 am to 5 pm and thus we cannot adopt the approach we used for 19-20 of running large classes unless we place them at night and on Saturdays. You may have heard that the Governor just granted more money to the California State University system and some of that will trickle down to HSU. But this is unlikely to make the second round of cuts less onerous because HSU presently receives too much money from the CSU (i.e. we are funded at a rate determined prior to those recent enrollment declines), and so the total amount we get is unlikely to change. In short, it looks like this next round of cuts remains on the table. Stay tuned. . .
Alumni activities for 2017-18 included the SCLC breakfast in Redding, the Loggers Ball in Arcata; a bowling night in Eureka; and the Awards Banquet on campus. Please try to attend any of these events you can. It is important for our undergraduates to interact with you; these are great opportunities for you to offer career advice to the students.

For 2019-20 the students would like us to have the Loggers Ball to immediately follow the Awards Banquet on the same evening. As one student put it: “The banquet ends at 9 pm just when we feel like we are getting started.”

I am not sure how long this has been around—certainly it predates my arrival—but we have had a board in the hallway of the Forestry Building festooned with the business cards of alumni. The purpose was to give students an idea of the variety of careers that are out there. But there have been no additions for a few years now. Please mail us a business card at Department of Forestry, Humboldt State University, 1 Harpst St., Arcata, CA, 95521.

One last thing: if anyone is interested in serving on the HSU Forestry Alumni Board, please contact Kevin Conway (Kevin.Conway1@fire.ca.gov).

David Greene, Chair, FWR

Logging Sports Highlights of 2017-18 Season

- Seniors: We say goodbye to our graduating seniors, plus Halloween pumpkin carving.
• Bearclave 2017: The team took first place overall. Our team also produced this year’s Belle and Bull of the Woods.
Brian Dunham (President) and Katelyn Suderman (VP)

- At the fall football games, the team provides some sideline entertainment!

Mersadies Brown, Tess Palmer, Sierra Berry, Katelyn Suderman, Abi Price, Naya Wood
• Cal Conclave 2017, hosted by Cal Poly: We had a great competition!

• SCLC: We took home first place at the Sierra Cascade Logging Conference, and had a fantastic time putting on shows for the kids. We also learned so much from the professional demos. We also participated in the very well-attended HSU Alumni Breakfast in Redding, and we thank the alumni for the breakfast and the conversation!
• Association of Western Forestry Clubs 2018, hosted at Cal Poly, San Luis Obispo: We competed very well at AWFC. The team had a great time soaking up the SoCal sun, and represented our school admirably, taking home the Sportsmanship Award. Seniors Conrad Stielau and Sierra Berry represented HSU in the Stihl Collegiate Series and the Women’s Triple Event.

For the 2018-2019 year, we welcome our new officer team. They are very excited to get started, and to continue the hard work that this year’s team has put in. We have many returning seniors, as well as lots of promising new recruits. This upcoming year is going to be full of great competitions, fun, and memorable team building.

Attendees at multi-university “Science in the Sagebrush Steppe” event (Burns, OR) visiting BLM Botanical Area near Selma, OR. From left: Tiffany Perez, Janette Palk, Tess Palmer, Sierra Berry, and Cecily Sanchez.

Save the Date!! – The 50th Anniversary of the Range Program at Humboldt State University will be celebrated October 12-14, 2018 on campus, concurrent with the Fall Cal-Pac SRM meetings. Our featured speaker will be Professor Bill Lauenroth, class of 1968, who is now associated with the Yale University School of Forestry & Environmental Studies. We hope to have a big turnout from all you HSU Range Alumni for this meeting and have arranged for great lodging rates at the Blue Lake Casino Hotel.

Check out a New Video at Rangeland Careers and Education Website – It features many HSU students on field trips during the 2017-2018 school year:

https://rangelandswest.org/careersandeducation/students-in-action

Range Plant ID Team, Soil Judging and Staff Changes - Our Range Plant ID team took 3rd place at the Society for Range Management Annual Meetings in Reno, NV! Antonio Narro (Mexico) and University of Alberta (Canada) took 1st and 2nd place. That makes our team #1 in the U.S. Many thanks to Todd Golder who continues to coach the team and Deedee Soto who led the team with her high scores placing her fifth in the individual ranking.

Three HSU students braved rain and hailstorms to attend our first Region 6 Collegiate Soil Judging contest in Butte County and placed third among four teams.

Jasmine Westbrook, our range lecturer, moved on to a position with the Solano Land Trust, closer to her home ranch in Napa County. We were scheduled to obtain a tenure-track range faculty position in 2018 but the former dean of the College of Natural Resources and Sciences had a sudden and inexplicable change of mind and gave the position to another department.
We are concerned about future field trip budgets and tenure track positions in our program. Our program can easily meet 6 of 7 standards for SRM accreditation; the only one lacking is having three Ph.D. level instructors in the Range curriculum. Our goal is to get the Range program SRM-accredited within the next few years.

We always welcome feedback and support from our Range and Soils alumni. Please contact me (Susan Marshall) directly or send posts and pictures to our Humboldt State University Range and Soils Club Facebook page.

Enrollments and Graduates - Our program finished strong this year with 29 students enrolled in the Range option and 18 students in the Wildland Soils option. Final counts on graduates won’t be available until late July, but we estimate that about 10 people graduated in 2017/2018.

Professional Meetings - Fifteen students traveled to the Society for Range Management meetings in Reno, Nevada. We are generating fundraising ideas to get the Plant ID Team to Minneapolis next February 10-14 2019 for SRM. No students attended the Soil Science Society of America meetings in far-off Tampa, FL in 2017, but we are excited that the SSSA meetings will be held in San Diego in early January 2019, a location close enough that many of our students can attend.

Professional Exams - One former Ecological Restoration student, Ut Huynh (with a minor in Wildland Soils), passed the Fundamentals of Soil Science exam offered this spring.

Promotion: Pascal Berrill

In 2018 Dr. Pascal Berrill was promoted to full professor in the Forestry Department at Humboldt State University. A native of New Zealand, Pascal studied forestry at UC Berkeley (something we long ago forgave) where he met his future spouse (and future research colleague), Dr. Christa Dagley. For the last 10 years he has taught silviculture and also teaches our forestry capstone and forest restoration classes. Working closely with local companies and agencies, his research is focused on almost every aspect of silviculture and restoration in coastal forests. He involves students at each stage of the research, instilling an appreciation for the science that must inform forest management, and he was voted teacher of the year in 2017. Over the school breaks, you will find him in the Sierra doing research on post-fire oak restoration in the lower slopes or on aspen restoration at Lake Tahoe. While his promotion was never in doubt—he is a tireless researcher and teacher—it is nonetheless a welcome recognition by the University of his professional excellence.
Dr. Berrill teaching students how to do quality control checks on tree planters at the Schatz Tree Farm

**Focus on research: Lucy Kerhoulas**

Dr. Lucy Kerhoulas grew up in San Rafael, CA, about 20 miles north of San Francisco. She came to Humboldt State University to study botany as an undergraduate student, finishing her degree in 2006. When expressing an interest in graduate school, her undergraduate advisor, Dr. Stephen Sillett, said he’d take her on as a Master’s student to study redwood physiology and she jumped at the opportunity. Beginning that first field day – it was pretty much love at first tree. After finishing this MS degree in 2008, she moved to Flagstaff to get her PhD at Northern Arizona University studying the influence of management on ponderosa pine water use and growth. For this doctoral work, she received a fellowship from the U.S. Department of Energy, allowing her to remotely finish her degree from a log cabin in Fairbanks Alaska. Here, she and her husband, Nick (an HSU Wildlife alum), lived for nearly four years while he worked on his doctoral research studying hoary marmots.
It was a rustic experience, with no running water, an outhouse, a sauna, a wood stove, a 12-cord wood shed, 60°F below winters, northern lights, and... wifi! Here, with few distractions (such as sunlight), Lucy wrote her dissertation, completing the degree in August 2013, just weeks before having her first baby, a daughter named Penn (little sister Camille followed in 2016).

Following completion of her Ph.D., she worked for FWR as a lecturer. On the strength of that performance as a teacher (voted Teacher of the Year by our students in 2014) and her stellar research profile, she was hired to be our newest tenure-line professor in 2016. She presently teaches our Dendrology and Silvics courses.

Her main research interests are in tree water use, forest restoration, and the diverse and complex canopy ecology of old-growth forests. In the two years since she was hired, she has garnered $542,179 ($161,589 as Principal Investigator) in research funds from entities as diverse as the Agricultural Research Institute, Save the Redwoods League, McIntire-Stennis, and CAL FIRE.

One example of her research is a current project on epiphyte diversity in old growth Sitka spruce trees on the North Coast. Epiphytes are plants such as lichens, mosses, and ferns that live on trees. These communities are poorly understood — indeed, until people like Lucy and Steve Sillett started climbing old growth trees, we did not know they existed — and we are only just now starting to realize how diverse and complex they are. For example, on a single spruce she found 66 epiphytic species! This inventory-based work in ancient tree crowns is very important to a broad spectrum of organizations, as the first step to being able to conserve and manage something is to first know what is there. Both Six Rivers National Forest and Save the Redwoods League have been very interested in and supportive of this aspect of Dr. Kerhoulas’ research.

Another current research project involves the oak woodlands of northern California. Traditionally this mix of oaks and grasses was impervious to conifer encroachment because of frequent surface fires. But as fire suppression became more successful, much of this habitat in the state has been slowly converted into conifer-dominated (mainly Douglas-fir) stands. Specifically, she is monitoring oak water status and productivity to see how these metrics respond to experimental conifer removal. This work is supported by the Agricultural Research Institute and McIntire-Stennis and aims to improve oak woodland health and foster productive grasslands for cattle grazing.

A final example of Dr. Kerhoulas’ work is her investigation of conifer drought resistance in the Sierra Nevada mountains, a project she is collaborating on with Dr. Harold Zald, another new tenure track hire in our department. Given the dramatic fluctuations in annual precipitation in the state and increasing temperatures, drought resistance is an issue of growing importance. Based at the Teakettle Experimental Forest in the southern Sierras, Dr. Kerhoulas and Dr. Zald are using tree-rings (proxy for tree growth) and stable isotopes (proxy for tree physiology) to understand the effect of silvicultural prescriptions on the capacity of conifers to deal with drought stress. By investigating both growth and physiology, this work will be highly informative to land managers such as CAL FIRE about the efficacy of silviculture to increase forest drought resistance, an important deliverable given the drought-induced tree mortality sweeping the state.

There has been an abiding tradition at HSU for faculty to focus our research on issues of immediate concern to local companies and agencies rather than the “curiosity-driven” research more typical of a forestry department such as at Berkeley or Oregon State. Researching regional topics of interest to
local groups such as Green Diamond Resource Company, Humboldt Redwood Company, Six Rivers National Forest, CAL FIRE, Redwood National and State Parks, and Save the Redwoods League, Dr. Kerhoulas has happily embraced this tradition. We are lucky to have her here as one of our newest professors.

Measuring Sitka spruce photosynthetic capacity with a LiCor-6400 (with 2-yr old daughter, Penn, lab assistant; photo credit: Nick Kerhoulas).
Climbing an ancient redwood tree for the California Academy of Sciences “Redwood Ascent” exhibit (photo credit: Will Goldenberg).

**Annual Awards Banquet**

Our 20th Annual Awards Banquet was held on campus on April 10th. Several alumni were able to attend. Altogether, students received that night almost $50,000 in scholarships; almost all of that amount was provided by alumni. Below is a list of the winners for 2017-2018

Allan E. Nilson Scholarship Recipient
- Suoja, Jessica $2,000

Dillard Bailey Graduate Scholarship Recipients
- Bernal, Alexis $500
- Faubion, Chris $500
- Jones, Danielle $500
- Sanchez Andre $500
- Urias, Anna $500

Dillard Bailey Undergraduate Scholarship Recipients
- Baldwin, Kirk Charles $1,000
- Butler, Jesse $1,000
- Chastain, Olivia $1,000
- Cofresi, Joseph $1,000
- Mann, Kyle $1,000
- McGlynn, Arianna $1,000
Smith, Colleen  $500
Stoflet, Cameron  $1,000

Ed & Joan Pierson Scholarship Recipients
- Crandall, Brett  $500
- Goff, Gabriel  $500

Forestry Pathfinders Scholarship Recipient
- Erickson, Zachary  $2,000

Gayleen Smith Scholarship Recipients
- Levin, Jordyn  $1,000
- Ortiz, Kailie  $1,000
- Rocha, Zach  $500

Helen Barnum Scholarship Recipients
- Alderton, Melanie  $600
- Ollar, Griffin  $600
- Trozera, Jonathan  $600

HSU Forestry Alumni Scholarship Recipients
- Navares, Kawai  $750
- Rodriguez, Kayla  $750
- Suderman, Katelyn  $750

Jerry Partain Scholarship Recipients
- Dunham, Brian  $1,000
- Escamilla III, Domingo  $750
- Lamping, James  $750

Louis H. Wayers Scholarship Recipients
- Ackerman-Mero, Sophia  $1,000
- Blanchard, Chad  $1,000
- Felder, Scott  $1,000
- Goetz, Evan  $1,000
- Ordonez, Gabriel  $1,000
- Paredes, Elmer  $1,000
- Rodda, Joshua  $1,000
- Rolf, Hanah  $1,000
- Sewart, DaShayne  $1,000
- Vasale, Imri  $1,000
- Weinberg, William  $1,000

Mark B Rhea Soils Scholarship Recipients
• Anderson, Nicolas $500
• Berry, Sierra $1,000
• Bueno-Strong, Aliah $500
• Martin, Louise $750
• Perez, Tiffany $1,000
• Pinnegar, Darren $750

Robert Cary Scholarship Recipients
• Carter, Cody $500
• De Paul, Marina $750
• Price, Brigitte $750
• Sipola, Nathan $500
• Soland, Kevin $500
• Wood, Tenaya $500

James T Brown HAF Scholarship Recipients
• Blanchard, Chad $700
• Escamilla III, Domingo $1,000
• Hammons, David $700

Ron Hoover HAF Scholarship Recipients
• Felder, Scott $500

Charles G. & Helen Schober Forestry HAF Scholarship Recipients
• Hammons, David $750
• MacAdam, Samuel $750
• Madrigal, Justina $750
• McKeand, Taylor $750
• Montes, Celina $1,000
• Russelll, Sonnette $750
• Stielau, Conrad $750

Non-Monetary Awards:
Academic Excellence Award
• Mike Padilla
Professional Promise Award
• Kristy DeYoung
Professor of the Year Award
• Kevin Boston

Awards to our students from other sources this year included:

North Coast Chapter of Women in Timber
• Colleen Smith
• Sierra Berry
- Tess Palmer
- Justina Madrigal

**Redwood Regional Logging Conference (RRLC: Emanuel Fritz Scholarship)**
- Domingo Escamilla
- Grifin Ollar
- Zach Rocha

**Redwood Regional Logging Conference (RRLC: Recognition Scholarship)**
- Brian Dunham
- Scott Felder
- Kayla Rodriguez

**Rustici Livestock and Rangeland Scholarship (offered through the California Farm Bureau Federation)**
- Sierra Berry
- Julieta Castro
- Thomas Mendoza
- Tess Palmer
- Kegan Richards

Bob Archibold (class of 1959) presenting the Pathfinders award to Zack Erickson.
Sungnome Madrone is elected Supervisor

While faculty members in our department certainly have a wide range of hobbies and outside interests, Sungnome Madrone has taken this to an entirely new level. He ran for Fifth District Supervisor and in June 2018 he won! Campaigning on a platform that emphasized sustainable land use planning and sound fiscal management, he unseated a popular incumbent.

Sungnome is an HSU alum (class of 1975) with a Masters in Watershed Management (also from HSU). He has won awards for his research and activism on stream restoration issues from the Humboldt Chapter of the American Fisheries Society (1995), the Alliance of Sustainable Jobs and the Environment (1995), and the Salmonid Restoration Federation (2016). He has repeatedly taught our watershed management and introductory forestry seminar courses over a long career here. This coming fall will mark the last time he teaches for us; in January he starts his new career. While students and colleagues will miss him, his election is a great gain for Humboldt County. Good luck, Sungnome.
Dr. Erin Kelly was invited to give a keynote lecture at Sophia University in Tokyo, Japan on June 17 as part of an international forestry symposium. She was invited by Dr. Shingo Shibata, the Dean of the Global Environmental Studies graduate program at the university. Erin spoke about forestry projects under the California cap-and-trade market and whether these projects achieved their environmental and social objectives. The lecture was simultaneously translated into Japanese for the audience, which included approximately 450 students and forestry professionals. After the symposium, Erin and the other speakers gathered with notable attendees, including the Ambassador of Malawi to Japan, who is a forester. On June 18, Erin taught a Global Environmental Studies graduate class at Sophia University. The class included students from Asia, Africa, North America, and Europe – thankfully, she says, they all spoke English!
Focus on a student: Conrad Stielau (class of 2019)

Like so many future foresters, I was raised in the woods. I was barefoot, climbing trees, playing in the dirt, and getting poison oak on a weekly basis. So in a sense studying Forestry, and pursuing a career in the forests and wildlands, was simply it seemed a way to continue my adolescence. After high school I took a few years to find myself, spending winters as a ski bum in the mountains of Utah, and summers traveling, exploring or working random seasonal positions as a naturalist, camp counselor, trail crew leader etc. This was not wasted time. It was these seasonal “gap years” that led to a maturing respect and fascination with forests. After deciding to return to California, I attended a small community college and took as many lower division courses on natural resources as they offered.

I first encountered Humboldt State Forestry back in the summer of 2014, simply passing through on a road trip. I had no idea at the time how profoundly the place would affect me. There was no sign on 101 indicating a major fork in the road. And yet I decided that summer day I would transfer to HSU to pursue my passion, studying forestry in one of the most beautiful places in the world. The trees, the weather, the coast, the people (or lack thereof), and the overall mentality and joy of living in a majestically beautiful place while studying a subject about which I am passionate.

In my opinion, everything about the forestry program at Humboldt State is unique and influential down to the smallest detail. The classes are fascinating and enjoyable, and taught by professors who are as passionate as I am, and know me by name. Not to mention the great amount of muddy and rainy outdoor lab time to get you real world experience and training. The campus is gorgeous, and nothing settles the mind on a Monday morning like a quick jaunt through the community forest to marvel at the giants all around. And the like-minded friends I’ve made within the forestry department are friends for life, and I feel we’ll be learning and working together for many years to come, even if from a distance as we head off into our careers.

I feel rather lucky to have had such an amazing college experience so far and am looking forward to the rest of my time here in Humboldt. It’s not often a college student gets to study exactly what they want and love, in a place they deem pretty close to perfect. And the experiences I’ve had, friends I’ve made, and education I’ve enjoyed, mean that the decision I made as a young adult, passing through Arcata four summers ago, is about the smartest and luckiest thing I have done.
George Pease (class of 1989)

Our stockroom manager “apprenticed” as a forestry student working in the stockroom in 1988. He took over the job in spring 1993 and has been a well-liked fixture of the Department ever since. Married for 28 years and with three grown children, George enjoys the constant contact with undergraduates. Although his bark is far worse than his bite, luckily, our students do not realize this, and so tools are always brought back from field excursions thoroughly cleaned. George has maintained the system that Jerry Partain installed long ago with easy pick-up and return of the equipment—using external lockers whose back door can be opened from inside the stockroom. Indeed, when the accreditation renewal team of the Society of American Foresters came to HSU in 2015, they all agreed that the stockroom was a wonderful model for their own universities to follow and intended to mimic his system when they returned home.
Teacher of the Year for 2017-18: Kevin Boston

Dr. Kevin Boston holds a BS in forestry from Humboldt State, and received his MF and PhD in Forest Engineering from Oregon State. Not content with that too-common level of ambition, he obtained in 2016 a law degree in environmental and commercial law from Lewis and Clark College in Portland. Still unsatisfied, he completed executive courses in strategy at the Saïd School of Business at University of Oxford. (When asked, he said he considers that his schooling is now finished. . . maybe.) He has held commercial and academic appointments in the United States and New Zealand. He is both a registered professional forester in the state of California and licensed logging engineer in the state of Oregon. He has received the outstanding faculty award at three intuitions where he has worked: University of Canterbury, Oregon State University and now (most prestigious of all!) Humboldt State University where the students voted him teacher of the Year for
2017-18. Kevin’s astonishing level of engagement as a professor can be characterized by a telling habit: he regularly eats his lunch among the students in the lounge area, offering career advice, helping with homework questions for courses he is not even teaching, and providing them with anecdotes drawn from his very busy career.

At the banquet in April, Dr. Kevin Boston receives the award from Dr. Erin Kelly and Alma Zechman.

Achievements by faculty during 2017-2018

Awards

Boston, Kevin. 2018. Outstanding Faculty of the Year in FWR.

Kelly, Erin. Trione Graduate Scholarship Faculty Honoree.

Madurapperuma, Buddhika. Faculty Recognition Awards: HSU Sustainable Learning for replacing the textbook with OER selections. Teaching & Learning Innovation Showcase, April 26th, 2018.
Refereed Publications


Di Mario, A.A., J.M. Kane, E.S. Jules. *Accepted*. Characterizing forest floor fuels surrounding large sugar pine (*Pinus lambertiana*) in the Klamath Mountains, California. *Northwest Science*.


Workshops, Conference Presentations, and book chapters


community variability using high-resolution kite aerial photography. 24th November 2017, University of Peradeniya, Sri Lanka.

Madurapperuma, B.D. GIS day Guest Presentation (2:45 pm -3:15 pm), Coastal GIS models of Sri Lanka to pinpoint tsunami impacts: Lessons in Kite Aerial Photography. HSU Library, 15th November, 2017.


External Service and Outreach

Boston, Kevin. Managing Editor - Mathematical and computational Forestry in Natural Resources. Associate Editor - Forest Science

Edinger-Marshall, Susan. Green Point Elementary School District Board of Trustees, President of the Board, 2010 to present.

Edinger-Marshall, S. Forestry Institute for Teachers, July 2012 through July 2017

Edinger-Marshall, S. Associate Editor, Rangeland Ecology and Management, 2016 to present.

Edinger-Marshall, S. California Rangeland Manager Certification Panel, Chair, 2015 to present.

Edinger-Marshall, S. Soil Science Society of America, Division Chair/Program Planning for 2019 Annual Meeting - Outreach and Education Division.

Fulgham, K.O. Society for Range Management: Bylaws Revision Task Force, Chair.

Fulgham, K.O. Society for Range Management: Membership Services and Meeting Management, Chair.

Greene, D.F. Member of the Forestry Advisory Committee for the forestry program at College of the Redwoods.


Kane, J. Associate Editor for Fire Ecology


Kane, J. Book Chapter Reviewer (2) Fire in California’s Ecosystems, 2nd Edition (2017)

Kane, J. Wildland Fire Education and Training Center Steering Committee Member/Reviewer (2015-present) - participated in conference calls about program development and reviewed several scripts and videos of wildland fire science teaching materials.

Kane, J. Education Committee member, Association for Fire Ecology
Kane, J. Northern California Prescribed Fire Council
  o Vice Chair
  o Steering committee member
  o Research committee member

Kane, J. Research Committee, Northwestern California Oak Network

Kane, J. Graduate Research Innovation (GRIN) Grant Review Co-leader, USDA/ DI Joint Fire Science Program (2017)

Kane, J. Advisory Committee Member, California Fire Science Consortium, Northern region (2012-present)

Kane, J. Special Session Organizer, GRIN: Stoking the Flames for the Next Generation of Fire Scientists


Kane, J. Fire Lab Demonstrations and Tours (0.5-1 hr each)
  • HSU Spring Preview-HSI-STEM potential students
  • Arcata Natural Resource Science Camp
  • Hoopa California Conservation Corps
  • “I’ve Already Been Admitted to College” program


Kelly, Erin. 2018 co-editor Humboldt Journal of Social Relations special edition: The American West after the Timber Wars


Kelly, Erin. Arizona Daily Sun cited my work in an article entitled “Future monsoons could bring 40 percent less rain” (October 20, 2017).

New Grants


Edinger-Marshall, S. National Park Service (with Joseph Seney): $40,206 2017 "Manage Invasive Plants in Strawberry Creek”


Kane, J. USDA CSREES McIntire-Stennis Program (2017-2020), $165,584. Project: Evaluating oak woodland restoration in northern California (Kane portion: $33,166).

Kelly, E. Trione: Scholarship of $35,000 to be awarded to a graduate student of her choice.

Kelly, E. Agricultural Research Institute. Politics of biomass. $52,499

Kelly, E. Save the Redwoods League undergraduate apprenticeship program: $63,062

Kelly, E., LP Kerhoulas. Redwoods Rising Restoration Apprenticeship. Save the Redwoods League, $96,523


Stubblefield, A. Informing restoration of encroached oak woodlands in northern California, $75,789 Co-Pi with Lucy Kerhoulas and Rosemary Sherriff. California Agricultural Research Initiative.

Stubblefield, A. Evaluating oak woodland restoration in northern California, $180,00. PI with Co-Pis Rosemary Sherriff, Lucy Kerhoulas, Pascal Berrill, Jeff Kane, Susan Marshall. USDA McIntire Stennis.