

Ka Lono **Hanakahiki**

"News of People Working Together"

UNIVERSITY OF HAWAII AT HILO

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Genome editing pioneer Jennifer Doudna to deliver inaugural Rose and Raymond Tseng Distinguished Lecture Sept 17



Jennifer Doudna

A pioneer in genome editing opens the Rose and Raymond Tseng Distinguished Lecture Series on Monday, September 17, at 7 p.m., in the University of Hawai'i at Hilo Performing Arts Center. Doors open at 6: 30 p.m.

Jennifer Doudna, Ph.D., an internationally renowned professor of chemistry and molecular and cell biology at the University of California, Berkeley, presents "CRISPR Systems: Nature's Toolkit for Genome Editing."

Doudna and her colleagues first developed the CRISPR-Cas9 genome editing technology that enables scientists to edit the DNA of any organism on an unprecedented scale and at minimal

cost. Based on a naturally occurring process used by bacteria to fight viral infection, the CRISPR (Clustered Regularly Interspaced Short Palindromic Repeats) system provides scientists with a tool to make precise changes to the DNA of the genes, thereby modifying the function of cells in specific ways. This breakthrough technology has redefined the possibilities for human and non-human applications of gene editing, including opening up and accelerating the development of new genetic surgeries to cure disease, novel ways to care for the environment, and nutritious foods for a growing global population challenged by climate change.

As the public considers ethical questions surrounding the use of the CRISPR-Cas9 technology, Doudna has been at the forefront of the global debate on its use, and has advocated for a temporary moratorium on the clinical use of CRISPR-Cas9-mediated editing on human embryos before its safety is proven and its consequences fully understood. She

Doudna - continued on page 2.

Giving students an environment where they can thrive



Marcia Sakai

The University of Hawai'i at Hilo community starts the fall semester with exciting new amenities for students to enjoy and several capital improvements in the works.

Places for students to gather

In response to student requests for more recreational areas and covered outdoor gathering places on campus, several projects were completed over the summer.

An old outdoor basketball court was refurbished and renamed Pu'uli'i ("the hill") complete with an area to grill food and hang out at covered picnic tables with solar powered recharging stations, USB ports, and Wi-Fi access. Several other recharging stations were built near main hubs around campus: the Student Services building, the College of Business and Economics, and at bus shelters near the UH Hilo Bookstore and the main entrance to campus.

The projects were supported by the Office of the Chancellor and the Office of Administrative Affairs.

The tradition of doing summer projects was started by Kolin Kettleson, retired UH Hilo director of auxiliary services, and Gene Harada, a professor at the Hawai'i Community College carpentry program. Construction is done by carpentry students, and over the years, the collabora-

Environment - continued on page 2.

Doudna

Continued from page 1

is the co-author of “*A Crack in Creation*,” which details the discovery of CRISPR-Cas9, and warns of the enormous responsibility that comes with the ability to rewrite the genetic code of life, and possibly control evolution.

Doudna is an investigator with the Howard Hughes Medical Institute, and a member of the National Academy of Sciences, the National Academy of Medicine, the National Academy of Inventors, and the American Academy of Arts and Sciences, and also serves as the Executive Director of the Innovative Genomics Institute. She has more than 200 publications, is a Foreign Member of the Royal Society, and the recipient of numerous honors, including the Breakthrough Prize in Life Sciences, the Heineken Prize, the BBVA Foundation Frontiers of Knowledge Award, the Japan Prize, and the Kavli Prize.

Doudna received her B.A. from Pomona College and her Ph.D. from Harvard Medical School. She is a 1981 graduate of Hilo High School and was recognized as a Distinguished Hilo High School Alumna in 2017. Her father, Martin Doudna, was an English professor at UH Hilo.

The Rose and Raymond Tseng Distinguished Lecture is an initiative supported by an endowed fund started by UH Hilo Chancellor Emerita Rose Tseng. The lecture series is intended to continue Hawai'i's dialogue with the rest of the world in some of the areas that were important to Tseng during her tenure as UH Hilo Chancellor, including local entrepreneurship, international women's leadership, global technology, the integration of science and culture, and indigenous language/cultural issues.

Environment

Continued from page 1

tive effort has provided a wealth of cost effective campus improvements at UH Hilo while also giving the carpentry students valuable hands-on summer work experience.

There are also several capital improvement projects underway:

Daniel K. Inouye College of Pharmacy

Everything is on track with the new Daniel K. Inouye College of Pharmacy building. Construction began in September 2016 and is about 75 percent complete with a target completion date of May 2019. The project was extended with the allocation of additional funds in FY 2018 to use for audio/visual updates to the building. The updates required some additional design work so that installation can be fully integrated with the original design. Metal roofing installation is ongoing. We are truly looking forward to completion of this project!

Air conditioning and other improvements

Our Life Science Building complex is being substantially renovated with roofing, ventilation and air conditioning, electrical, and lab renovations. 'Imiloa Astronomy Center's AC system is also currently under renovation to replace non-working components—this includes the planetarium, exhibit hall, main office, and restaurant. Likewise, College Hall is getting new air conditioning units, a project that will start later this fall.

A larger AC project is the Chilled Water Plant renovation that includes the replacement of the chiller and pump system for a main AC unit serving Mookini Library, Edith Kanaka'ole Hall, the College of Business and Economics building, and Hawai'i Community College Business Education and Technology and Computing Center. This project also involves repairs to the chilled water loop that runs throughout campus. The projected completion is later this month.

Sustainability

An AC project at Hale Alahonua residence hall is the first of its kind for our campus. The project will include solar power in the design, with a battery storage system, so essentially it will be a self-contained net-zero system. The project was appropriated \$6 million by the State Legislature.

Two other sustainable projects—the Energy Storage Project and the Green Waste to Energy Project—involve the construction of an Energy Storage Device to manage peak electrical demand. Work is taking place near the Science and Technology Building. The project began in August 2017 and is ongoing, expected to be completed in the next couple of months.

UH Hilo is already a leader in the UH System on sub-metering and baseline data recording, bi-level lighting, energy requirements in design contracts, a reinvestment account, and Hawai'i Energy Rebates, so the solar AC, Energy Storage, and Green Waste to Energy projects keep us on the leading edge of creating a truly sustainable campus.

Performing Arts

Repairs and renovations are underway at the portable buildings that house music classes and the Testing Center, with completion expected this month. Auxiliary Services has already moved the music rehearsal room back into the building, and will work with the Music faculty on the remaining moves.

Maunakea

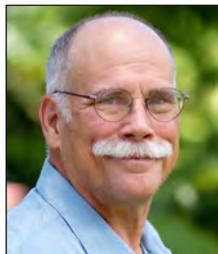
On Maunakea, the Office of Maunakea Management is overseeing renovation and infrastructure improvements. The ongoing project provides design and construction for infrastructure improvements and renovation within UH's managed lands on Maunakea, including mid-level facilities at Hale Pohaku, the summit access road, and the Mauna Kea Science Reserve. A current project is site improvements to the Mauna Kea Visitor Center's parking area.

I mua!



Interim Dean sees exciting opportunities for new College

by Ken Hupp



Jim Beets

The Division of Natural Sciences, School of Nursing, and Department of Kinesiology and Exercise Sciences officially became the College of Natural and Health Sciences on July 1. The new College is led by Interim Dean Jim Beets, professor of marine science.

Beets has served as a faculty member in the Marine Science Department since 2004 and in leadership positions

on several collaborative research grants totaling more than \$4.4 million, spanning multiple agencies including NOAA, NPS, and USGS. His intellectual contributions include 20+ peer-reviewed journal publications and several peer-reviewed technical reports over the past seven years. He discusses here the reasons for creating the College, the new opportunities it will bring, and how students and faculty will benefit.

KL: What was the primary motivation for carving out a new College among these units that have previously been housed in the College of Arts and Sciences?

JB: I cannot speak to the reasons that the University Reorganization Plan was initiated, but the new College concept was proposed for a few primary reasons: 1) to enhance student and faculty support for natural and health sciences education, with particular focus on laboratory course and student-faculty research needs; 2) provide direct representation for natural/health sciences with upper administration; and 3) improve budgetary planning, control and accountability in the natural/health sciences.

KL: How would you assess the reaction you have received from colleagues and students about Natural and Health Sciences having their own college?

JB: Generally, faculty and students have provided very strong support and positive anticipation for the new College. There are concerns and will certainly be growing pains, but the students' and faculty feedback are positive.

KL: What is the first-year focus for you and your leadership team and what changes can students expect to see during that period?

JB: Most students and faculty will not see large changes in their courses and usual department operations during the first year. The leadership team will be focused on integration and strategic planning to achieve improvements, including course/laboratory quality. During the first year, students will see improvements in laboratories and classrooms, along

with increased emphasis on improving student advising and support for career pathways.

KL: How does creation of CNHS raise the educational quality for these respective units?

JB: The new College will have a clear focus on natural and health sciences education. This focused perspective will allow for improved educational quality in our science-related disciplines, particularly in 'hands-on' skills development.

KL: What new opportunities do you believe this new College makes possible?

JB: We expect all programs to receive improved support for research opportunities. We should see more opportunities for students to engage in faculty-student research projects and career-related internships.

KL: What impact do you feel CNHS will have on attracting faculty and researchers to UH Hilo?

JB: The new College will be science-focused and allow departments to emphasize the focus and support in attracting new employees. We are planning more integration and cross-disciplinary opportunities for students, faculty and researchers. We also have very strong relationships with our government and community partners, who provide funding for student opportunities.

KL: How do you feel CNHS provides a value-added component that makes these programs even more attractive to students considering where to attend?

JB: The strength we have in our programs is based on our dedicated and engaged faculty and support staff. Our government and community partnerships greatly enhance our programs, particularly with research and internship opportunities.

KL: From a macro perspective, what impact could CNHS potentially have on the University's enrollment management efforts?

JB: The career opportunities in natural and health sciences cannot be overstated. There are enormous and growing needs in health professions, computer science, human and natural resource management, natural product and food safety, research and technology development, data analytics, etc. The related science pathways and needs are exploding, especially with the integration of new technologies.

KL: What accreditation options are available for CNHS and what direction could you see UH Hilo taking with regard to accreditation?

JB: Several of our departments have accreditations and certificate programs. We will be considering several new ones in the next few years that will provide students with improved career options and advantages.

New College - continued on page 4.

New College

Continued from page 3

KL: Looking to the future, where do you expect CNHS to be in its growth and development in the next five to ten years?

JB: It's always exciting to initiate a new unit and dream big, but much of our planning is based on government support and student enrollment. We are developing plans for increased enrollment in the new College, but that will require more funding support. A large focus will be on pursuing funding and relationships outside the University to support our programs. We have been successful in acquiring external funds over the last two decades, and we plan to achieve improved, vigorous, and exciting programs with a larger funding base from several sources.

(Ken Hupp retired as a public information officer in June 2018.)

CAFNRM has first-ever Fall Convocation

The College of Agriculture, Forestry and Natural Resource Management (CAFNRM) held its first ever convocation on August 31 in Campus Center Room 301. The event allowed incoming CAFNRM students to meet returning students as well as faculty and staff. "Since aloha can be used for hello and goodbye, we used this opportunity to welcome our students just as we congratulate them and wish them well when the graduate," Dean Bruce Mathews said.



Sophomore Aaron Shipman is recognized by faculty and staff of CAFNRM. Photo credit: Reid Hamasaki

Hats off to...



Adam Pack



Jolene Sutton



Armando Garcia-Ortega



Chris Frueh

Adam Pack, Professor, Psychology and Biology, had his research on wild dolphins included in "Dolphins: Breaking the Code," a 26-minute film that featured his collaborative work studying intra- and inter-species communication in wild spotted dolphins in the Bahamas. The television documentary was produced by PBS South Florida and can be viewed at: <https://video.wpbt2.org/show/changing-seas/>.

Jolene Sutton, Assistant Professor, Biology, co-authored "A high-quality, long-read *de novo* genome assembly to aid conservation of Hawai'i's last remaining crow species," which was the featured article in the August 2018 issue of *Genes*. The paper describes the high-quality reference genome that assisted recovery efforts for the 'Alala, one of the world's most endangered bird species.

Armando Garcia-Ortega, Associate Professor, Aquaculture, co-authored "Partial replacement of fishmeal and fish oil by algal meals in diets of red drum *Sciaenops ocellatus*," which was published in *Aquaculture* 2018; 487:41-50.

Chris Frueh, Professor, Psychology, co-edited graduate textbook *Adult Psychopathology and Diagnosis* (8th Edition), Hoboken, NJ: John Wiley & Sons, 2018. He also co-authored "Childhood trauma matters for addiction, STI/HVI, and criminal justice: Where do we go from here?" presented at the Annual Meeting of the College on Problems of Drug Dependence, San Diego, CA, in June.

UH Hilo Tenure and Promotion awardees

Congratulations to the University of Hawai'i at Hilo's 2018 tenure and promotion recipients:

Tenure

- * Kurt Dela Cruz, Junior Specialist, Division of Student Affairs
- * Jonathon Goebel, Associate Professor, Art, College of Arts and Sciences
- * Mary Louise Haraguchi, Librarian III, Library
- * Ryan Perroy, Associate Professor, Geography, College of Arts and Sciences

Promotion

- * Jonathan Awaya, Professor, Biology, College of Natural and Health Sciences
- * Kathy Cooksey, Associate Professor, Physics & Astronomy, College of Natural and Health Sciences
- * Mazen Hamad, Professor, Chemistry, College of Natural and Health Sciences
- * Charmaine Higa-McMillan, Professor, Psychology, College of Arts and Sciences
- * Marina Karides, Professor, Sociology, College of Arts and Sciences
- * Sarah Marusek, Professor, Political Science, College of Arts and Sciences
- * Kirsten Mollegaard, Professor, English, College of Arts and Sciences
- * Misty Pacheco, Associate Professor, Kinesiology, College of Natural and Health Sciences
- * Marianne Takamiya, Professor, Astronomy, College of Natural and Health Sciences
- * Jing Yin, Professor, Communication, College of Arts and Sciences

Tenure and Promotion

- * Joseph Genz, Associate Professor, Anthropology, College of Arts and Sciences
- * Faith Mishina, Professor, Language, College of Arts and Sciences
- * Comfort Sumida, Assistant Specialist, Division of Student Affairs

Delegated Promotion

- * Rayna Morel, Assistant Professor, Communication, College of Arts and Sciences
- * Justin Reinicke, Assistant Specialist, College of Pharmacy

Center for Community Engagement established



Julie Mowrer

The University of Hawai'i at Hilo's College of Continuing Education and Community Service (CCECS) has transitioned into the Center for Community Engagement (CCE), effective August 15, 2018.

"The Center for Community Engagement serves as the hub for creating and sustaining community-university partnerships," said Acting Director Julie Mowrer. "Our goal is to support UH Hilo's mission that 'One learns from many sources' and create opportunities for students to learn not only from faculty, but also from their peers, community members, hands-on experiences, and the very unique 'āina where we live."

The CCE seeks to be community-driven by inviting community organizations to propose collaborations twice a year, in September and February, to take place in the following semesters. The proposal form can be found on the CCE website under Community Resources, and looks for projects that can be

done collaboratively with one or even two university classes of students as part of their curriculum. As Mowrer noted, "faculty and students use their learning to solve authentic community issues and also benefit the community in meaningful ways."

In addition to community-engaged teaching and learning, the Center for Community Engagement also offers lifelong learning through non-credit course offerings that promote the physical, mental, and emotional health of community members, from *keiki* to *kupuna*.

"Through SeniorTech, the CCE supports our *kupuna* to stay connected with their loved ones, across generations and geography, through the use of technology," Mowrer explained.

The other components that were under CCECS, such as the Testing Center, English Language Institute, Summer Session, and the North Hawai'i Education and Research Center, will move to different reporting lines to allow CCE to focus solely on lifelong learning and community-engaged teaching.

CCE staff members include Mowrer, Marisa Miyashiro, Community Engagement Coordinator, and Sara Hayashi, Community Engagement Support Specialist. They are all located in PB-5.

For more information on CCE, see <https://hilo.hawaii.edu/cce/>.

UH Hilo welcomes Class of 2022

The UH Hilo community last month welcomed the Class of 2022 with aloha at various events held throughout campus. Faculty, staff, and students made ti leaf leis for new students and their families, which were presented to them at Convocation, the Division of Student Affairs held a campus beautification project, and UH Hilo's newest Vulcans were officially welcomed in a Kipaepae Welina held on the Library Lanai.



Photo credits: Freshman Year Experience and Everett Ganir

CAFNRM, Chef Alan Wong, Sodexo collaborate for “Bento Benefit for Bob-Bob”

Chef Alan Wong has partnered with Sodexo Dining Services for a “Bento Benefit for Bob-Bob,” scheduled for Monday, September 24, 11 a.m. to 1 p.m., on the College of Agriculture, Forestry and Natural Resource Management’s breezeway. Come and meet Chef Alan and Bob-Bob! The \$10 bentos will only be available through pre-sale (cash only). The pre-sale date is Monday, September 17, from 10 am to 1 pm, on the CAFNRM breezeway.

“Bob-Bob is a mini-donkey who has been on the Ag Farm since early May as a result of the lava activities,” said Dr. Lorna Tsutsumi, professor of entomology, who organized the event. “He serves as the ‘poster child’ for the group of displaced horses on the Farm.

“The benefit supports the UH Hilo equine program that continues to care for Bob-Bob and the displaced horses by CAFNRM student volunteers under the supervision of Farm staff. These horses are not considered livestock by their owners,

but large pets, and knowing that they are being cared for while their owners reshape their lives has been a great re-

lief for many,” she added.

Fortuitously, CAFNRM was in the process of rebuilding its equine program and is offering a horse production course (at full capacity) this fall. Another equine course is tentatively being offered in spring 2019.

“The existing equine-related infrastructure and pastures that were initially slated for use by the equine courses enabled the Farm to host the displaced horses,” explained Dean Bruce Mathews. “However, there are other needs such as medications, supplements and veterinarian visits.

“Chef Wong, Sodexo and UH Hilo demonstrate how partnerships can achieve beneficial goals. Everyone shares the same values in their support of the local community, local agriculture, and UH Hilo students.”

The bento includes:

- UH Hilo honey Sriracha tofu bites
- Pipikaula-style Big Island rib-eye steak
- Grilled misoyaki mahimahi served with Chef Alan’s honey lemon miso
- Alan Wong’s Mori miso multigrain rice
- Wok-fried soy beans with garlic and chili (an Alan Wong classic from his former Pineapple Room restaurant)
- Alan Wong’s wasabi potato salad



Chef Alan Wong and Sodexo’s Reid Kusano display the benefit bento.



Bob-Bob greets Chef Alan Wong at the Ag Farm.

UH Hilo Performing Arts Center announces 2018-19 season

The University of Hawai'i at Hilo Performing Arts Center launches its 2018-19 season with the third annual *Dance Collective* on Friday, September 28 at 7:30 p.m. Directed and produced by UH Hilo's Dori Yamada, this special event features another exciting and diverse showing by Hawai'i Island choreographers and dancers.

The *Harold López-Nussa Trio* performs Cuban jazz on Friday, October 19 at 7:30 p.m., followed by the Performing Arts Department's "Scary Scenarios," which will have the audience creeping through the halls of the Performing Arts Center to experience four Halloween-themed one-act plays performed in four different locations. Written by UH Hilo students, the plays are *Trust Issues*, *Come Home*, *Lattes*, and *Ignorance is Bliss*, and will be performed October 26-31 at 7:30 p.m.

The *Fall 2018 Great Leaps Dance Concert* presents a preview performance on November 30, and performance December 1, at 7:30 pm. Over 150 UH Hilo, Hawai'i Community College and community dancers will perform ballet, jazz, modern and aerial dance pieces choreographed by instructors Celeste Staton, Annie Bunker, and Kea Kapahua, as well as guest choreographers. Graduating students' senior projects will also be featured.

Another crowd favorite, the UH Hilo Jazz Orchestra performs its *6th Annual Frank Zappa Tribute* concert on December 5 & 6 at 7:30 p.m. Proceeds from this concert will help the UH Hilo Jazz Orchestra travel to Europe to perform at Zappanale in Bad Doberan, Germany in 2019.

Holiday Card to Hilo: Come Back Home closes 2018 and will be on Sunday, December 9 at 2 p.m. The concert features the UH Hilo Kapili Choir and University Chorus under the direction of Amy Horst, the Orchid Isle Orchestra under the direction of Cathy Young, and the Hilo Community Chorus under the direction of Tom McAlexander.

The spring half of the season kicks off Friday, January 25 with

Giordano Dance Chicago (GDC) at 7:30 p.m. Often touted as America's original jazz dance company, GDC has been captivating audiences worldwide with performances showcasing the diversity and wide appeal of its repertoire.

Giordano Dance Chicago will be followed by *Derek Gripper* on January 30 at 7:30 p.m. Gripper is a South African classical guitarist who embarked on a journey through different musical styles when he found classical guitar music too limiting. He explores diverse musical styles from India, Cape Town and West Africa.

On February 13, PAC welcomes *Tomáš Kubínek: Certified Lunatic & Master of the Impossible* at 7:30 p.m. Kubínek has declared himself, "... a fool, clown, visual poet, solo performance artist, multi-talented vaudevillian, comic genius and charming huckster."

The season continues in March with a second dance performance, *Jacob Jonas The Company (JJTC)*, March 2 at 7:30 p.m. JJTC presents a mix of contemporary ballet, breakdance and acrobatic movement and named one of "12 standout companies of 2018" by *The Los Angeles Times* and "25 to Watch" by *Dance Magazine* in 2018.

On March 7 at 7:30 p.m., *On Ensemble* returns to the PAC stage. Recognized for infusing the powerful rhythms of taiko with a wide range of musical influences from jazz and rock to central Asian overtone singing, *On Ensemble* was the first American taiko group to be invited to perform at the National Theater of Japan for the prestigious Nihon no Taiko concert series.

The PAC production of *Rent* closes the season. The production will be directed by Assistant Professor Justina Mattos with musical director Trever Veilleux and choreography by Celeste Staton and Kea Kapahua. An inspiring musical about friends and artists struggling with addiction, poverty, AIDS and, most of all, love, *Rent* received a Tony Award for Best Musical and the Pulitzer Prize for Drama. Show dates are Fridays and Saturdays, April 5, 6, 12 & 13 at 7:30 pm, and Sundays, April 7 & 14, at 2 pm.

The Big Island Taiko Festival 2019 is another special event, and will be held June 8 & 9 at 7:30 p.m, bringing together Taishoji Taiko, Puna Taiko, Hui Okinawa, Kona Daifukuji Taiko, and Ryukyukoku Matsuri Daiko.

Season subscription packages, ranging in price from \$68 to \$152, are available by calling the UH Hilo Performing Arts Center Box Office at 932-7490 or ordering online at <http://artscenter.uhh.hawaii.edu>. Single tickets for all events will be available beginning September 18.



UH Hilo's Nawahi honored by NIEA for work in Hawaiian education

The University of Hawai'i at Hilo's Ka Haka 'Ula O Ke'elikōlani College of Hawaiian Language's laboratory school is the recipient of one of the highest awards given by the National Indian Education Association (NIEA) for its work in Hawaiian medium-immersion education in Hawai'i.

Ke Kula 'o Nāwahīokalani'ōpu'u will be awarded the William Demmert Freedom Fighter award in October 2018 in Hartford, CT. The award is an NIEA board-nominated award that recognizes an organization for its success and the positive impact it has on native student academic achievement.

Ke Kula 'o Nāwahīokalani'ōpu'u is a laboratory school for UH Hilo and an extension of the Pūnana Leo language preschools, contributing to the P-20 maui ola education system. Established in 1999, the school is located in Kea'au, Hawai'i and is one of the most unique schools in Hawai'i that operates as both a charter and state school within a single K-12 campus.

Kauanoë Kamanā, faculty at Ka Haka 'Ula O Ke'elikōlani and director of Ke Kula 'o Nāwahīokalani'ōpu'u, explained, "Nāwahī is designed for families, teachers and staff who have chosen to speak Hawaiian as the first and main language of the home, and also for those who are in the process of establishing Hawaiian as the dominant language of the home. Academics and global learning are developed and applied through economic, social and cultural interaction with the broader world. Nāwahī is a model for indigenous language and academic success with over 85% of its students continuing on to higher education."

Keiki Kawai'ae'a, Ka Haka 'Ula O Ke'elikōlani's director, commented, "From humble beginnings and through the tenacious commitment of its leadership, teachers and families, Ke Kula 'o Nāwahīokalani'ōpu'u has been a trailblazer in the advancement of Hawaiian medium education. William Demmert was a strong advocate of language revitalization programs, which makes this prestigious recognition a special honor."



Senior students cut the ceremonial "lei piko" symbolizing the start of a new school year.

Maunakea administrative rules public announcement

The University of Hawai'i invites the public to provide input on the [proposed draft of the administrative rules](#) that will govern public and commercial activities on UH-managed lands on Maunakea—Chapter 20–26, Hawai'i Administrative Rules. Testimony may be submitted in four ways up until the end of the last noticed hearing: (1) [online at the UH Government Relations website](#); (2) via email at uhhar@hawaii.edu; (3) in writing to UH Government Relations Office, 2442 Campus Road, Administrative Services Building 1-101, Honolulu, HI, 96822; and/or (4) in person at one of four public hearings:

- September 24, 5 - 7 p.m., Sullivan Conference Center, UH Cancer Center, 701 Ilalo Street, Honolulu
- September 25, 5 - 7 p.m., 'Imiloa Astronomy Center of Hawai'i, 600 'Imiloa Place, Hilo
- September 26, 6:15 - 8:15 p.m., Waikoloa Elementary and Middle School, 68-1730 Ho'oko Street, Waikoloa
- September 28, 5:30 - 7:30 p.m., 'Ike Le'a—Room 144, UH Maui College, 310 West Ka'ahumanu Avenue, Kahului

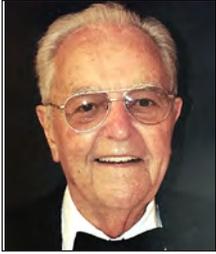
The public is strongly encouraged to participate in the process as the testimony will be taken into consideration as the rules are finalized. The rules will then go to the UH Board of Regents for a publicly noticed decision making meeting that will also accept public testimony. If approved at that point, the rules will proceed thru the Administrative Rules process to the governor for final review and approval.

"The administrative rules provide the university with an important stewardship tool to more effectively protect the cultural, natural and scientific resources on Maunakea and provide measures to better ensure public health and safety," said UH Hilo Interim Chancellor Marcia Sakai.

The draft rules were developed after extensive community outreach that included several publicly noticed meetings, open houses and consultation with the Department of Land and Natural Resources (DLNR), Office of Hawaiian Affairs and the Small Business Regulatory Review Board. The draft rules as required by statute are consistent with rules currently in place for similar lands managed by DLNR, including forest and natural area reserves.

The UH Board of Regents approved the draft rules for public hearings on June 7, and Governor David Ige gave his approval to move ahead with public hearings in July 2018.

UH Hilo announces the passing of former chancellor Kormondy



Edward Kormondy

Former UH Hilo Chancellor Edward J. Kormondy, who led UH Hilo from 1986 to 1993, died on April 28, 2018 at his home in Los Angeles, CA. He was 91.

Kormondy came to UH Hilo after serving the previous four years as Vice President for Academic Affairs at California State University, Los Angeles. His seven-year tenure at UH Hilo at

the time marked the longest term for any chancellor since UH Hilo became a four-year university in 1970.

As chancellor, Kormondy compiled a lengthy list of accomplishments, including a large increase in enrollment, which grew from 1,594 in Fall 1986 to 2,953 in Fall 1993. Major outreach centers were established in Hawaiian language, the study of volcanoes, native Hawaiian childhood development and small business, and the first college course was conducted via interisland television transmission. He oversaw construction of the Hale Kehau dormitory and dining complex, which opened in 1989, and the opening of the UH Hilo Park of Science and Technology the following year. He also presided over the separation of UH Hilo and Hawai'i Community College in 1991.

"Chancellor Kormondy's contributions have had a last-

ing impact on UH Hilo," said Interim Chancellor Marcia Sakai said. "Much of what he accomplished set the stage for future growth and development that took place years after his retirement."

Kormondy became a regular donor to the University of Hawai'i System in 1987 and created an endowed fund to support professional development of faculty and staff at UH Hilo. He also helped to endow the Frank T. Inouye Endowed Scholarship Fund established in 2003 in honor of the University's first director and was a trailblazer in helping to raise funds for the scholarship, which supports UH Hilo students pursuing a degree from the College of Arts and Sciences.

A celebrated author, Kormondy teamed with Inouye to write *The University of Hawai'i-Hilo: A College in the Making*. The book chronicles the history of the institution, spanning a period in excess of 40 years beginning in 1952 when Inouye became director, and concluding with the end of Kormondy's term in 1993. He has also written and contributed to more than 70 other publications, including books on academia, biology and ecology.

In addition to UH Hilo and Cal State LA, Kormondy served in administrative and/or academic roles at the University of Hawai'i - West O'ahu, University of Michigan, Oberlin College, the University of Pittsburgh, Evergreen State College, the University of Southern Maine, and Tusculum College in Tennessee, where he was a trustee and acting president. He most recently served as president at the University of West Los Angeles. Kormondy is survived by his partner Noriaki Nakano, his children Lynn, Eric (Janet), and Mark (Susan) Kormondy, his grand and great grandchildren, and sister-in-law Shirley Kormondy.

All UH campuses now tobacco-free

A new law now makes all of the University of Hawai'i campuses and properties tobacco-free. The law, passed during the 2018 legislative session, prohibits tobacco products such as electronic cigarettes and vapes, as well as cigarettes, cigars, pipes and all forms of smoking and chewing tobacco.

UH joins more than 2,000 U.S. universities and colleges in an effort to provide a healthy environment for all students, faculty and staff. Studies show that a tobacco-free campus is effective in reducing smoking and tobacco use among college students, who are at risk for initiating social smoking practices that may lead to regular smoking. Prohibitions have been effective in reducing both smoking prevalence and exposure to second-hand smoke, thereby increasing smoke-free social norms.

For more information on the law and for resources to become tobacco-free, visit hawaii.edu/tobaccofree.

Nominations underway for UH Building and Grounds Maintenance award

The University of Hawai'i is seeking nominations for the annual President's Award for Excellence in Building and Grounds Maintenance. The award recognizes an employee in a maintenance, landscaping, custodial, shop or trucking position for a significant achievement or a collection of outstanding work representative of the building and grounds values, goals, and mission.

For more information on the award, eligibility, criteria, and nomination procedures go to: <https://www.hawaii.edu/about/awards/bng.php>.

Nominations must be submitted by email no later than 4:30 p.m., Monday, September 17, to Courtney Domingo at cmnd@hawaii.edu.

UH Hilo Briefs

September

- 7 Final Deadline to Apply for Fall 2018 Graduation
Last Day to Exercise Credit/No Credit
Last Day to Submit Auditors Form
Vulcan Volleyball vs. Dominican, 7 p.m., Vulcan Gym, Admission
- 10 Vulcan Volleyball vs. Notre Dame de Namur, 7 p.m., Vulcan Gym, Admission
- 11 Last Day to Drop a Class Online without a “W”
- 17 Pre-sale tickets for “Bento Benefit for Bob-Bob,” 10 a.m. – 1 p.m., CAFNRM breezeway
“CRISPR Systems: Nature’s Toolkit for Genome Editing” by Dr. Jennifer Doudna, 7 p.m., PAC
- 25 Vulcan Women’s Soccer vs. Azusa Pacific, 4:30 p.m., Kamehameha Schools Field
Vulcan Men’s Soccer vs. Azusa Pacific, 7 p.m., Kamehameha Schools Field
- 28 Vulcan Volleyball vs. Academy of Art, 7 p.m., Vulcan Gym, Admission
Dance Collective, 7:30 p.m., PAC, Admission
- 29 Vulcan Cross Country – UH Hilo Invite, 7:30 a.m., Nanihoa Golf Course
Vulcan Women’s Soccer vs. Chaminade, 12:30 p.m., Kamehameha Schools Field
Vulcan Men’s Soccer vs. Chaminade, 3 p.m., Kamehameha Schools Field

Ka Lono Hanakahi is published by the Office of University Relations during the academic year for faculty and staff of the University of Hawai‘i at Hilo. News and submissions are welcome with priority given to current faculty and staff members. Deadlines are on the fifteenth of each month for the following first of the month publication. Contact Alyson Kakugawa-Leong, Director Media Relations, (808) 932-7669 or alyson@hawaii.edu.