Muir maps genetic diversity on Big Island

by John Burnett

These are exciting times for UH Hilo. The school’s reputation has been growing as a research institution in the hard sciences, especially volcanology and marine science. But UH Hilo’s scientific playing field is expanding, and one person who deserves credit for that is Dr. Cam Muir, a visiting assistant professor in natural sciences.

Since his arrival nearly three years ago from Simon Fraser University in Vancouver, British Columbia, Canada, Muir has been involved in some of the most exciting research UH Hilo has been a part of.

“The thing that I’m most interested in is conservation genetics,” Muir said. “What happens to populations when they get really small?”

“When I first came to Hawai’i, I was collaborating on a project with Don Price. We were looking at endangered picture-winged flies. We set up this equipment we have now to do DNA sequencing so we could do high-resolution comparisons of individuals in a population to measure genetic diversity. Some of the species we were looking at can be found only in one kipuka anywhere in the world. These flies are living in these mid-altitude forests on the side of the volcano and their populations are suffering severe declines in size,” Muir explained.

“That’s the most important concern with conservation genetics. Is there some way of measuring genetic diversity? And then, what can be done to make sure that the diversity is maintained,” he added. “We’re also looking at whether these flies are hybridizing between two different species. We’re interested in what happens when numbers of a species gets really small. Is there a risk of extinction because of hybridizing with a different species?”

“There are four species we’re looking at,” Muir said. “There appears to be a small amount of hybridizing either going on presently with two pairs of species or in the recent past. It seems that once there’s hybridization, they’re quickly turning around and doing what is called ‘back-crossing,’ breeding back to one parent’s population.

“So the hybridizing isn’t continuing. It appears to be a rare event.”

Muir, whose research is largely funded by the National Science Foundation, said that the picture-winged species are good indicators of conservation efforts.

“Genetic diversity - continued on page 2.
Foundation, is working on what he calls “ahupua’a genetics,” which is the genetic diversity within species in a given ecosystem, in this case, of course, the Big Island. In addition to his work with Price and David Foote of the U.S. Geological Survey on picture-winged flies, he either is collaborating or has collaborated on projects with Dr. Marta De Mantenon on snails, shrimp with Drs. Leon Hallacher and Walt Dudley and nene with Price and Darcy Hu of Hawai’i Volcanoes National Park. All of these projects are to investigate the genetic diversity of the species in the local ecosystem.

“There’s a part of conservation genetics called phylogeography,” Muir said. “That makes an attempt to look at the diversity that you have in populations and place it on a map. I’m interested in looking at a bunch of different species so I can get some kind of feeling for ecosystem structure.”

His work with nene is of particular interest, because populations of the State bird are dwindling. In fact, said Muir, there are more nene in zoos outside Hawai’i than there are within their own habitat here in the islands.

“Unfortunately, they’ve got this nickname ‘tourist speed bump,’” he said. “In the park, they get run over a lot. Populations are low. Everybody has this intuitive feeling that they’re terribly inbred, but there’s been no data.

“So we’re comparing them with a population of Canada geese, which is their ancestor. We’re seeing in our preliminary data that the nene have about a tenth of the genetic diversity of Canada geese. It’s just terrible. We’re hoping that we can work with the people in the captive breeding program so we can work to take advantage of what diversity is still there, although there’s hardly any.

“If we design a breeding program so that we can maximize what little diversity there is, we might be able to kind of limp out of this terrible situation,’” he added.

Once the data on native species populations are collected, then the question arises of what is to be done with it.

“I’m working with Barbara Gibson in geography to write a grant to set up a database that would collect all the genetics that are available and become available in the future so we can work to better understand ecosystem structure,” he said.

Muir added that UH Hilo students, all undergraduates, are playing a significant role in the ongoing research.

“One of the really amazing things is that these undergrads are getting to do things that they would never get to do on the mainland,” he said. “The equipment that these students get to use, they wouldn’t let me touch when I was a graduate student, such as the automatic DNA sequence reader. It’s awesome for them, because they get to work on stuff that puts them at an advantage over others when they pursue their own postgraduate studies. A student gets into the lab and they get to really work on meaningful things and get psyched about it. And that’s the true food of teaching.

“We have some terrific students here, and I’d put them up against those from any school.”

Muir said that his research has implications for the human species, as well.

“I think it’s really important for us to learn about our home,” he said. “The more we learn about the ecosystem of which we’re a part of, the better we can live within that ecosystem. It’s ironic that we seem to see ourselves as apart from nature. There’s us and then there’s nature, and that’s just not a very realistic way of living our lives.

“Part of it is understanding where we live and part of it is asking the question that if we’re going to set up wildlife preserves, what is the best way of going about it? We have to work in coordination with all the interested parties and figure out how we can sensibly set up these things so that they can have the best effect.”

(Editor’s note: John Burnett is a public information officer.)

A weekend of attitudinal healing on tap

The University community is invited to join the UH Hilo Counseling Center on Friday, March 14 for a community presentation with Jerry Jampolsky, M.D. and Diane Cirincione, Ph.D., and on Saturday, March 15 for a one-day workshop led by Donald Goewey, executive director of The Center for Attitudinal Healing.

“Friday Evening with Jerry & Diane” will be held 7-9 p.m. at the Church of the Holy Apostles, located on 1407 Kapiolani Street across the street from the UH Hilo Old Gym. There is no admission charge, and seating is limited. Jerry and Diane will talk about “Forgiveness and Other Attitudes That Can Change Your Life.”

“Attaining Inner Peace: Moving from Stress to Strength,” an attitudinal healing workshop for the helping and healing professions, will be held on Saturday, March 15 from 9 a.m. to 4 p.m. in Campus Center 306-307. The workshop will be facilitated by Don Goewey, who has worked extensively with life threatened adults and, in particular, those with AIDS. The cost is $80.00. The registration deadline is March 5.

To register and for additional information, please call CCECS at x47664.
UH Hilo honors distinguished alumni

by Ken Hupp

A marine science educational specialist, a youth development specialist and a professional engineer received the University of Hawai‘i at Hilo’s Distinguished Alumni Award during a ceremony held last month in the Campus Center Dining Room.

John Coney, an educational specialist for the Marine Science Department, received his BS in computer science in 1989. He also serves as coordinator of the Marine Option Program (MOP) and manager of the Scanning Electron Microscope Facility, and is often the first and most frequent University contact for students in UH Hilo’s MOP and Marine Science programs.

He directly supervises a staff of eight part-time employees, and assists six full-time and two part-time faculty in field activities. Coney is responsible for safety planning, coordination and implementation of the lab and field course activities for all courses delivered through the Marine Science Department, and the UH Hilo Marine Science Summer Program, in addition to all activities of the Marine Option Program. He also regularly teaches portions of the Quantitative Underwater Ecological Survey Techniques (Quest) course, and each year prepares students at the systemwide MOP symposium and for the Senior Thesis symposium at UH Hilo.

Coney also generously gives back to the University in the form of both time and money. He makes monthly donations to the UH Foundation, and last fall donated a full month’s vacation to an ill UH Manoa faculty member. Coney also pursues outside donations for the University, resulting in more than a half dozen boats for use in the MOP and Marine Science programs.

His generosity however, is not limited to the University community. As a member of the steering and planning committees, he has been involved with the Pacific Tsunami Museum since its inception. From the development of the museum’s computer network, set-up of its Web site, installation and creation of exhibit hardware and software, and installation of the classroom’s projection system, Coney has played a crucial role in the facility’s success.

Kalani Kahalepau’ole received his BA in anthropology from UH Hilo in 1997, where he was active in student government. He served two terms as president of the UH Hilo Student Association (UHHSAs) from 1995-1997. Kahalepau’ole was credited with bringing together a diverse group of students to form a highly effective coalition, and gave students a powerful voice on crucial issues, including a severe budget crisis, a major tuition hike, and diminishing services. His talents were recognized by his colleagues throughout the UH system in 1996 when he became the first neighbor island student to be elected as chair of the UH Student Caucus.

Kahalepau’ole successfully balanced the challenges of holding the UHHSAs presidency and caucus chair position simultaneously while maintaining a full course load and raising four children as a single parent.

Kahalepau’ole’s community work includes coordination of the “Brudda to Brudda” program, a loose coalition of native Hawaiian males working to develop mentorships with other native Hawaiian males to encourage them to pursue education and positive lifestyles. His knowledge of the Hawaiian culture and how it can help improve the lives of native Hawaiians has earned him numerous speaking invitations from various groups and organizations, which frequently invite him back.

Kahalepau’ole currently works for the Salvation Army’s Intervention Services where in 1999 he created Na Ho’ola Pono - Moving Toward a Life of Righteousness. The program, which provides children 12-19 years of age in permanent foster care with the means and education to live independently when they are no longer eligible to live with foster families, has served 150 children since its inception, with 7 currently attending UH Hilo. The success of Na Ho’ola Pono has earned it Department of Education approval to become a school-based program, and currently serves as a statewide model of collaboration by multiple public and private agencies.

Dennis K. W. Lee attended UH Hilo from 1964-1967 when it was known as “Hilo College,” and later earned a BS in civil engineering from UH Manoa in 1970. The current chief of operations for the Department of Water Supply, he previously served as the director of the Department of Public Works for the County of Hawai‘i where he administered the Engineering, Building, Highway Maintenance, Traffic Ser-

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Ushijima & Ushijima donate furniture to UH Hilo

With the recent closing of the Hilo law firm of Ushijima & Ushijima, John and Margaret Ushijima have donated some of their koa and eucalyptus office furniture to the University of Hawai‘i at Hilo, according to UH Hilo Director of Development Paula Thomas.

“John and Margaret Ushijima have had a special relationship to the University of Hawai‘i at Hilo and other campuses in the UH system over the years and wanted to do something special for the University on their retirement,” Thomas said.

John Ushijima is a former University of Hawai‘i regent who is retiring after five decades of practicing law. His wife and law partner, Margaret, is a former dean of student services at UH Hilo who is retiring after 18 years of practicing law.

The wood furniture donated to UH Hilo includes a 10-foot koa top desk with coordinating in-tray accessory, a conference table, a dictionary stand with dictionary, eucalyptus and curved wood chairs, and two each of desks, credenzas, and bookcases, among other items.

“Most of the furniture has been with the law practice for over 20 years,” Margaret Ushijima said. “Some of it needs refurbishing. I understand that’s being done at the Hawai‘i Community College wood shop.”

Thomas said that some of the furniture is already being put to use in recently opened offices in the University Classroom Building.

Total worth of the in-kind contribution is estimated at $7,000.

Rose to be roasted – Hawaiian style!

In support of UH Hilo and Hawai‘i Community College, the Hawai‘i Island Chamber of Commerce is having a roast of Chancellor Rose Tseng on Thursday, March 6 beginning at 5:30 p.m. in the Campus Center Dining Room. The event also features the 15th Scholarship Auction to benefit the endowment funds established at UH Hilo and HawCC as well as a general membership meeting.

Roasters include Newton Chu, Bobby Cooper, Paula Helfrich, Jim Wilson, and UH Hilo’s own, Gerald DeMello.

Tickets are priced at $40 each or $300 for a table of eight and includes heavy pupus and no-host cocktails.

Please call the Chamber office at 935-7178 for additional information.

Distinguished alumni

Continued from page 3

vices and Automotive Fleet Management divisions.

Lee’s professional awards and honors include federal recognition for his 1986 Pohakuloa Training Area Plan and 1989 Update, the Army’s Sustained Superior Performance Award, National Association of Counties award for Solid Waste Management Plan, County of Hawai‘i Supervisor of the Year, and “2002 Engineer of the Year” from the Hawai‘i Society of Professional Engineers Big Island Chapter.

An avid sportsman, Lee is a past member and Board Director of the UH Hilo Vulcan Athletic Boosters and spent four years as an instructor at the annual Vulcan Hawai‘i Basketball School.

The prestigious award recognizes outstanding former students who either earned a degree from, or completed 50 percent of their educational program at UH Hilo. Selection is based on materials submitted by the nominator, with consideration given to the areas of service to UH Hilo, service to the community, or professional accomplishments.
Hats off to...

Judith Gersting, Chair of Computer Science, had her textbook *Mathematical Structures for Computer Science* published in its fifth edition (W.H. Freeman, Inc.). The book presents materials that lays the theoretical foundations for almost all branches of computer science, and is one of the leading textbooks in this area.

Shuguang Li, Assistant Professor of Mathematics, presented results at the annual West Coast Number Theory Conference held in San Francisco last December on Artin’s conjecture for composite moduli, which improves an earlier published result of his. The trip was supported by the National Security Agency.

Barbara Gibson, Assistant Professor of Geography & Environmental Studies, received a $10,000 grant from the Hawai’i County Planning Office on “Environmental Assessments and Environmental Impact Statements GIS Inventory, Hawai’i County.” Gibson also received a $69,706 grant from NASA/USRA Earth System Science Education for the 21st Century (ESSE 21) program entitled, “Teaching Global Environmental Change from Mountain to Ocean: The ‘Ahupua’a Way.” Co-PIs include Drs. Becky Ostertag (Biology), Mike Parsons (Marine Science) and Jim Juvik (Geography & Environmental Studies). Gibson also presented a paper at the Fall 2002 LEAD Expert Workshop on Geoinformatics in Okinawa last November.

Keith Miser, Vice Chancellor for Student Affairs, represented UH Hilo last month at the meeting of the Consortium for Belize Educational Cooperation, held in San Pedro, Belize. The meeting covered internship opportunities, student exchanges and discussions on recruiting Belize students to attend U.S. institutions. UH Hilo currently has five Belize students, including three faculty members on leave from the Faculty of Agriculture and Natural Resources Management at the University of Belize.

Focus on UH Hilo to spotlight research/student service

Research, Service Learning and their related activities will be the featured topics of discussion during the March telecasts of Focus on UH Hilo. The program is hosted by Chancellor Rose Tseng, and airs Wednesday evenings from 8:00 – 8:30 p.m. on Channel 54.

Dr. Don Price, director of the Experimental Program to Stimulate Competitive Research (EPSCoR) program and Terrilani Chong, also with EPSCoR, will appear on the March 5 telecast. Price and Chong will discuss the latest EPSCoR developments.

The March 19 program highlights Service Learning Coordinator Timothy Kane, who will discuss various aspects of his program and preview upcoming activities.

Focus on UH Hilo highlights UH Hilo programs, up and coming developments and the University’s partnerships with various community organizations.
WASC site team on campus

by Dr. April Komenaka

On March 19 and 20, UH Hilo will host a site team sent by our accrediting commission, the Western Association of Schools and Colleges (WASC). The team is following up on the December 2002 report submitted to WASC on our institutional capacity—the degree to which the fiscal, physical, and human resources of the University can and do support the institution’s educational mission.

Members of the team are: Chair Robert Suzuki, president of the California State Polytechnic University in Pomona; Co-chair Katharyn Crabbe, vice provost, Sonoma State University; Leroy Morishita, vice president, Administration and Finance, San Francisco State University; Nancy Teskey, chair, Division of Mathematics and Science, Holy Names College; and Denise Lucy, executive director, Institute for Leadership Studies and Advisor for International Initiatives, Dominican University of California.

Team members will meet with small groups of University representatives, a cross section of faculty leaders, administrators, and professional staff. On Thursday morning, March 20, from 9 to 10 am, members will hold open meetings for interested members of the University community. Three team members will meet with faculty and staff in CC 301, and two members will meet with students in CC 313.

The institutional capacity report, a.k.a. the preparatory review report, is posted at the accreditation Web site: http://www.uhh.hawaii.edu/~accred/review_report.html

Teaching Sessions

Following the highly successful January 10 meeting on teaching, more campus-wide teaching sessions have been scheduled. The Office of Student Affairs and the Student Support Services Program arranged and funded a by-invitation conversation held on February 21 with Dr. Arthur Chickering, best known for his work on the seven “best practices” in undergraduate education.

The Accreditation Steering Committee and the office of the Vice Chancellor for Academic Affairs had joined Student Affairs in planning and producing a February 24 afternoon session featuring retention expert Dr. Paul Thayer of Colorado State University and a March 10 with Dr. Vince Tinto, a national authority on student learning and engagement.

All faculty, staff, and students have been invited to attend the talks and to participate in the breakout group discussions to follow.

Results of the work groups will be posted at the Teaching Resources Web page: http://www.uhh.hawaii.edu/~teaching.

(Editor’s note: Dr. April Komenaka is co-chair, UH Hilo Self-Study Steering Committee.)

Vulcan baseball program receives $75k gift

by Kelly Leong

The hard work and hustle of Vulcan Baseball Coach Joey Estrella has paid off for his program as The Gifford Foundation will be donating $75,000 to the Vulcan Baseball program.

Through Estrella’s work in community clinics, he met Foundation President John Gifford, who proposed a matching gift program. For every $15,000 Estrella raised, the Gifford Foundation would donate $25,000 to Vulcan baseball, with a cap set at $75,000.

That challenge was met recently, according to Athletic Director Kathy McNally.

“Individual donations to the baseball program are the reasons he met the challenge,” McNally said. Included was a $25,000 donation by Doug Zimmerman, the father of Vulcan pitcher Joel Zimmerman.

According to McNally, $66,050 in funds were raised through revenue generation ($4,000), a silent auction/dinner ($5,500), and donations totaling $56,550.

(Editor’s note: Kelly Leong is sports information director.)
Voices in a Nation project kicks-off with Paul Carter Harrison

by Michael Marshall

UH Hilo is pleased to announce the start of the Voices of a Nation project, a cross-disciplinary Humanities Division initiative to acknowledge significant writers, visual artists, and performers from a pan-ethnic perspective. The project will bring to the UH Hilo campus individuals who have achieved national and international recognition for work in their respective field of knowledge. Organizers for the project believe Voices will significantly influence local scholarship and enrich cultural life in a manner that will generate long-term positive benefits in the community.

The inaugural presentation in the project series, The Art of Folk: The Vernacular and Cultural Memory of People of Color, coincides with the 2003 centennial of The Souls of Black Folk, by W.E.B. Du Bois. This groundbreaking work galvanized consciousness and brought attention to racial perspectives on cultural formation, language, and scholarship. As noted by Du Bois, the vernacular is a mechanism intrinsically used by exploited people to assert identity and rise in spirit above the conditions of oppression.

The Art of Folk will feature Paul Carter Harrison, a distinguished African American scholar, in a ten-day residency from March 5 - 13 on the UH Hilo campus. During his residency, he will conduct a series of guest lectures for the English, Performing Arts, and Art departments, and give two public presentations.

Harrison is a playwright, director, and professor emeritus, Columbia College, Chicago, Illinois. His accomplishments include the publication of The Drama of Nommo (1972), a series of seminal essays examining African retentions in the aesthetics of African American culture, editor of Kuntu Drama (1974), and Totem Voices (1989); and principal editor of Black Theater: Ritual Performance in the African Diaspora, Temple University Press, 2003, a collection of defining essays on the foundation of the African Diaspora. He has published and produced numerous plays, including The Great MacDaddy. Presented by the famed Negro Ensemble Company, New York, the work received an OBIE Award in 1974.

Harrison’s recent projects include directing Aimee Cesarea’s A Tempest, Dartmouth University, Winter 2000, and Marcia Leslie’s The Trial of One Short-Sighted Black Woman vs Mammy Louise and Safreeta Mae, Penumbra Theater, St. Paul MN, 2000.

Harrison’s first public presentation will take place on Friday, March 7, at 7:00 pm in UCB 100. His lecture is entitled, “Genesis: Cultural Formation through the Vernacular Experience.” The talk will elaborate on the African continuum and Black aesthetic experience. Harrison will address the performative aspects of Black art and culture, including such familiar forms as Hip-Hop. A reception for Harrison will immediately follow the lecture presentation.

The second public presentation will take place on Saturday, March 8 from 9 am until noon in the UH Hilo Theater where Harrison will conduct a drama workshop, which is free and open to the public.

Harrison, who has numerous directing and producing credits for both the stage and film, will lay the groundwork for the upcoming UH Hilo Theater production of Joe Turner's Come and Gone (1988). The play is by preeminent African American playwright and activist August Wilson, and briefly summarizes deals with the issue of emerging identity and the tension between African spirituality and western Christian values. The play will be cast later this year and produced during the Fall 2003 season. Actors from throughout the State will be sought to fill the 11 roles. For additional information about the Drama Workshop, or upcoming play, please contact Professor Jackie Pualani Johnson at x47304, or via e-mail pualani@interpac.net.

Disability accommodations for the public presentations may be requested through the University Disability Services Office at x30816(V) or x33334(TTY).

The Art of Folk is made possible with funding and support from the UH Diversity and Equity Initiative 2002, UH Hilo Office of the Chancellor, Office for Student Affairs, Department of Performing Arts, Art Department, Humanities Division, Media Services and Graphics, Office of University Relations, and the Student Art Association.

(Editor’s note: Michael Marshall is associate professor of art.)

12th Annual Hawaiian Family afFAIR on March 8

UH Hilo celebrates the 12th Annual Hawaiian Family afFAIR on Saturday, March 8 from 9 a.m. to 3 p.m. on the Library Lanai and Campus Center with the theme “Na Ka Loli Ka `Ike Hou, Ka huiu hou a`e” (Change brings forth new knowledge, new growth).

Festivities include food and craft booths, Makahiki games, entertainment, a Health Food Contest, a Healthy Baby Contest, and more.

The event is sponsored by Na Pua No’eau, the Center for Gifted and Talented Native Hawaiian Children, Ka Haka ‘Ula O Ke’elikolani College of Hawaiian Language, Hawaiian Leadership Development Program, Minority Access and Achievement Program, Kipuka Native Hawaiian Support Program, Ke Aho Nahea’hoa, Upward Bound, Ku Ha’aheo, Kamehameha Schools, Hale O Na Ali‘i, Queen Lili’uokalani Children’s Center, Hui Malama Ola Na ‘Oili, and Bay Clinic.

For more information, please call x47678.
International Nights 2003
by Dr. Ruth Robison

The UH Hilo International Student Association is having its annual International Nights on February 28 and March 1 at 7:30 p.m. and March 2 at 2 p.m. in the Theatre. At this grand event, many cultures from all over the world come together, with an array of performances.

The countries/cultures to be represented this year include:

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Tickets are priced at $6.00 general admission and $3.00 for students, children and seniors. For tickets, please contact the Theatre Box Office at x47310.

For more information about this event, please contact the UH Hilo International Student Office at x47313.

The event is co-sponsored by UHHSA and SAC.

(Editor’s note: Dr. Ruth Robison is director, International Student Services.)

Spotlight
Continued from page 1

increase the presence of international students on the campus. So by creating this program, we also create a doorway for those who haven’t met the English language requirement, which is the TOEFL (Test of English as a Foreign Language) or one of several other tests. These students have met all of the other requirements, however.

“We serve two populations,” she added. “We serve students who do not have a 500 TOEFL or its equivalent, but who meet all other admission requirements. They are admitted as ‘General Studies/ELI.’ There are also non-native speakers who do meet the English language requirement and do have a 500 or better TOEFL. They may even have been admitted into a major. We test all of them also. And if their English language is still not up to par, their advisors may recommend that they take some ESL courses. So we usually have 20 or so non-ELI students in the program.

“So they come and they are UH Hilo students, but they start in the ELI. And while they are in the ELI, they are allowed to take selected University courses, with the approval of the ELI director and the professor. This is in the catalog.”

Panahi has six lecturers in ELI, who serve, metaphorically, as drill instructors for sort of a rigorous English language boot camp.

“The students are tested upon arrival and they are placed in one of three levels: low; intermediate or advanced,” she said. “For them to pass from one level to another and to exit the program, they have to perform both in class and on standard tests.

“At the low level, students are allowed to take courses such as music appreciation or HPE classes or drawing or dance. In the intermediate level, they can take another language or a math class. Then at the advanced level, they are allowed to take any 100 level course with the approval of the professor and me.”

Panahi’s credentials are impressive. The Massachusetts native has a master’s degree in linguistics from San Diego State University and has taught in California’s community colleges where a large percentage of the students speak either Spanish or Vietnamese as a first language. She also taught English to Iranian air force officers in the 1970s as well as teaching ESL at UH Hilo and HawCC before moving into program administration. She says that after 31 years in the ESL field, all at the postsecondary level, she still loves her work.

“The most rewarding thing is to see the students succeed,” she said. “Not only to adapt to their academic environment, but to the global culture, the American culture and the local culture before they get into their regular academic studies. We have several students on the Dean’s List who started out in ELI. That’s something that makes me feel great.

“So by the time they’re finished with us and they’re taking all academic classes, they’re well situated, they know how to deal with things and they have the language capability to handle university level course work and their social lives as students.”

(Continued on page 3)
Theatre secures sponsorships from local businesses

by Larry Joseph

For the first time in four years, the UH Hilo Theatre is presenting a full season of live performing arts events. The 2002-2003 season marks the renewal and commitment of UH Hilo Theatre to the Big Island community with presentations of traditional and contemporary drama, dance and music.

This full season is made possible with the generous financial support from community groups. Rallying to the Theatre’s call for help were Gold Sponsors KTA Super Stores, American Savings Bank, and The Kurisu Family. Silver Sponsors include Bank of Hawai‘i, Big Island Toyota, Blane’s Drive Inn, Creative Arts Hawai‘i & Instant Sign Center, Hawai‘i Electric Light Company, Inc., Hawai‘i Planning Mill (HPM) Foundation, KWXX/B97/KPUA Radio stations, Meadow Gold Dairies, Oceanic Time Warner Cable, Restaurant Kaikodo and Tsukazaki Yeh & Moore, Attorneys at Law, and Windward Pharmacy.

“Our sponsors were there when we needed them, and I know they take great pride and satisfaction knowing they are helping to bring performing arts and cultural events to our community that would not otherwise be possible,” said Chancellor Rose Tseng.

For more information about becoming a season sponsor or a member of Applause, the friends of UH Hilo Theatre, please contact Larry Joseph at the Theatre, x47310.

(Editor’s note: Larry Joseph is Theatre manager.)

Performing Arts Department is “taking the show on the road!”

by Maestro Ken Staton

What happens when you mix one part actor, one part dancer, one part singer and/or instrumentalist? You come up with a triple-threat, highly motivated and talented prospect for the new Performing Arts degree, which is now offered by the UH Hilo Performing Arts Department. Many such outstanding students are already a part of the Performing Arts program as evidenced by the high quality concerts and stage productions presented throughout the year.

To identify and attract potential candidates for this new degree in Performing Arts and to familiarize the Big Island student population and their counselors with the program, elements of our Performing Arts Department will combine to create a talent showcase and travel the Big Island in April and May, taking the “show on the road” and spreading the word about the exciting opportunities in performing arts at UH Hilo.

UH Hilo performers from theatre, dance and music will sing, play, dance and act their way into the hearts and minds of Big Island students who wish to develop their talent in a multi-disciplined, nurturing and professional atmosphere which emphasizes individual talent as well as ensemble skills.

Each performance will feature an informal question and answer session during which the high school students may interact with our students and Performing Arts faculty.

The Performing Arts faculty is working closely with our Graphics Department and the Admissions office to develop promotional materials to be distributed at each performance during the tour. Though the primary focus will be to generate an awareness of the new Performing Arts degree, our touring students will also be representing UH Hilo in general as they travel throughout the Big Island .”taking the show on the road!”

(Editors note: Ken Staton is affiliate professor of music.)

Derek Kurisu (The Kurisu Family), Larry Joseph (UH Hilo Theatre Manager), Chancellor Rose Tseng, Jere Usui (American Savings Bank), Barry Taniguchi (KTA Super Stores).
Grants update

by David Lovell

Grants increase the prestige and recognition of UH Hilo, promote excellence in undergraduate instruction, and advance scholarly activity (research and training). Grants also impact community economics; UH Hilo serves as an economic asset to the community (locally and Statewide) by fostering the creation of jobs, preparing students for the jobs of the future, and spending money locally.

One of the not-so-apparent benefits that grant money provides comes in the form of indirect costs. Indirect Costs are pre-determined amounts negotiated with the granting agency to reimburse the university for its share of facilities and administrative (F & A) expenses, or what is commonly referred to as “overhead.” This covers a variety of items including, but not limited to, utilities, grounds and building maintenance, departmental administration and accounting, student services, project administration, and library services. Since RCUH opened its doors in 2000, the increase in money returned to UH Hilo as overhead has been significant.

As an added plus, some grants reimburse UH Hilo for faculty working on a research project. From July 1, 2002 to January 21, 2003, or during the first seven months of this fiscal year, UH Hilo recouped salary savings of almost $600,000 from extramural awards.

During the same time period, these grants had a tremendous impact on our community and local economy. A total of 242 new jobs were created right here in Hilo comprised of 65 regular positions, 55 student positions, and 122 temporary positions. In addition, 786 purchase orders were generated to local vendors Statewide for a total of almost $4 million.

The following PIs were awarded grants this fiscal year, totaling over $5.7 million (does not include capital improvement projects, service orders, or the Mauna Kea Astronomy Education Center).

July 2002

Don Hemmes
Hawai‘i Agriculture Research Center Biosystems Technology Program
$10,632.00

Randy Senock
Fish & Wildlife Service Pu‘u Anahulu Joint Fire Science Program Fuels Mgmt
$120,000.00

August 2002

Randy Senock
Department of Land & Natural Resources Supporting Forestry Education
$29,500.00

Dan Brown
National Institutes of Health Minority Biomedical Research Support RISE (Research Initiative for Scientific Enhancement)
$286,443.00

Don Thomas
US Geological Survey – DOI Cooperative Monitoring & Assessment of Hawaii Volcano Hazards
$223,710.00

Bill Heacox
National Science Foundation Research in Undergraduate Institutions: Statistical Modeling of Microlens Masses
$34,926.00

Sharon Ziegler-Chong
College of Marshall Islands Pacific Island/Hawai‘i Partnership
$12,335.00

Jim Mellon
East West Center South Pacific Island Scholarships
$6,300.00

Cornelia Anguay
US Department of Education Upward Bound Classic
$409,398.00

Cornelia Anguay
US Department of Education Upward Bound Math/Science
$282,728.00

Dan Landis
University of Mississippi Culture & Productivity in Small Work Groups
$21,465.00

Jim Mellon
US Department of Education Student Support Services Program (FY 2002-2003)
$259,802.00

Steve Worchel
Department of Health & Human Services Safety & Health Training - Pacific Rim
$177,111.00

Marcia Sakai
Department of Land & Natural Resources Sustainable Tourism 02-03
$4,000.00

Dawna Coutant
Central State University Family Community Violence Prevention 2003
$212,060.00

September 2002

Carolyn Lesnett
Family Planning (SOH) Family Planning Services 2003
$15,000.00

Judith Gersting
National Science Foundation ALOHA – A Learning Opportunity for High Achievers
$203,592.00
If you have a good idea for a research or training project, please do not hesitate to contact the RCUH team at 933-0898, rcu@uh.hawaii.edu, or in the Kukahau’ula Building (formerly IfA) at University Park, Room 105.

According to faculty and administrators alike, RCUH-Hilo has a staff of extremely talented people. Pre-Award are adeptly handled by Sharyl Kasarskis, project development specialist. Post-Award services are expertly managed by Doreen Koizumi, administrative services assistant, Keri Tomita, fiscal accounting technician, and Paula Gealon, assistant to the director. Brenda Hamane, RCUH projects manager, is the federal construction specialist of the work group, facilitating construction projects locally and around the State. It is a privilege working with them. Together with our talented UH Hilo faculty, we are a team working for the betterment of our University, community, and students.

(Editor’s note: David Lovell is director, RCUH-Hilo Office.)
# Campus Events

## March

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>3</td>
<td>Lysistrata reading by Aristophanes, Noon, Theatre Lanai</td>
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<tr>
<td>5</td>
<td>Dr. Don Price and Terri Chong on “Focus on UH Hilo,” 8 p.m., Channel 54</td>
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<tr>
<td>6</td>
<td>Hawai‘i Island Chamber of Commerce, Roast of Chancellor Tseng, 5:30 p.m., Campus Center Dining Room, Admission</td>
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<tr>
<td>6, 7</td>
<td>Vulcan baseball vs. Matsusaka, Japan (exhibition), 6 p.m., Wong, Admission</td>
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<td>7</td>
<td>Last day to withdraw from courses</td>
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<td>“Genesis: Cultural Formation through the Vernacular Experience,” by Paul Carter Harrison, 7 p.m., UCB 100</td>
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<tr>
<td>7, 8</td>
<td>Vulcan softball vs. BYU-Hawai‘i, Noon, UH Hilo Field</td>
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<td>8</td>
<td>Drama Workshop with Paul Carter Harrison, 9 a.m., Theatre</td>
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<tr>
<td>8</td>
<td>Vulcan baseball vs. Matsusaka, Japan (exhibition), 1 p.m., Wong, Admission</td>
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<tr>
<td>10</td>
<td>Vulcan softball vs. Martin Methodist College, Noon, UH Hilo Field</td>
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<tr>
<td>19</td>
<td>Timothy Kane on “Focus on UH Hilo,” 8 p.m., Channel 54</td>
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<tr>
<td>22, 23</td>
<td>Vulcan softball vs. Hawai‘i Pacific University, Noon, UH Hilo Field</td>
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<tr>
<td>24</td>
<td>Vulcan baseball vs. Western Illinois University, 4 p.m., Wong, Admission</td>
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<td>24-28</td>
<td>Spring recess</td>
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<tr>
<td>25</td>
<td>Vulcan baseball vs. Western Illinois University, 10 a.m., Wong, Admission</td>
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<tr>
<td>26</td>
<td>Holiday: Prince Kuhio Day</td>
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<tr>
<td>31</td>
<td>Last day to apply for credit-by-exam for spring</td>
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<td></td>
<td>“I” removal deadline: student to instructor</td>
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