

Ka Lono **Hanakahahi**

"News of People Working Together"

UNIVERSITY OF HAWAII AT HILO

VOLUME 22, NO. 9, MAY 2007

Silicon Valley giant to keynote UH Hilo Spring Commencement

by Ken Hupp

A Silicon Valley executive and one of the "founding fathers" of the analog microchip industry highlights the University of Hawai'i at Hilo's Spring Commencement. John F. "Jack" Gifford, founder and former CEO of Maxim Integrated Products and Advanced Micro Devices, will deliver the keynote address on Saturday, May 12, at 9:00 a.m. at Edith Kanaka'ole Stadium. A total of 470 students representing the College of Arts and Sciences (375), College of Business and Economics (57), College of Agriculture, Forestry & Natural Resource Management (27), and Ka Haka 'Ula O Ke'elikōlani College of Hawaiian Language (11) are eligible for various degrees or certificates.

The 66-year-old Gifford earned a bachelors degree in electrical engineering in 1963 from the University of California, Los Angeles (UCLA), which he attended on a baseball scholarship, and maintains close ties. He was elected to UCLA's baseball Hall of Fame in 1990, taking his place alongside the likes of Jackie Robinson, Dr. Bobby Brown, Kenny Washington, Mike Gallego, Tim Leary, Eric Karros, Todd Zeile and Don Slaught. He was also named 1991 Alumnus of the Year for the school's College of Engineering, which he addressed as commencement speaker in 1992.

Gifford entered the semiconductor industry in 1964 when he went to work for Fairchild Semiconductor and became the company's first director of analog products. He co-founded Advanced Micro Devices in 1969 and remained as vice president of marketing and planning until leaving the company to become senior vice president, then president and CEO of Intersil, Inc., which was later acquired by General Electric (GE). As senior vice president, he was instrumental in the company's pioneering development of low-power CMOS for analog applications.

Gifford founded Maxim Integrated Products in 1983 with a vision of providing high-quality analog and mixed-signal engineering solutions for the technology industry. From its inception, he promoted a culture

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SPOTLIGHT

Just what the doctor ordered



Bruce Atkinson

The UH Hilo volleyball program has a storied history, but the last of seven national championships came in 1988, and the last time the Vulcans made it to the NCAA Division II Regional Tournament was 1997.

Since then, the once-proud Vulcan volleyball program has fallen onto hard times. Under interim coach Carla Carpenter-Kabalis, a former Vulcan All-American, the UH Hilo team posted a 5-15 season in 2006. In 2005, the last of three seasons under Julie Morgan, the record was a dismal 4-21.

The job of turning the fortunes of the Vulcans around is now in the hands of Dr. Bruce Atkinson, who comes to UH Hilo from the University of Texas at Brownsville. He took the fledgling women's program there from junior college to four-year status this past season, guiding the Scorpions to a 28-11 record, one win from qualifying for the NAIA national tournament. He was chosen over three other candidates: Carpenter-Kabalis; Kamehameha-Hawai'i boys' volleyball coach Guy Enriques and Susan Delaney, a Wyoming junior college volleyball coach.

Atkinson's first head women's coaching position was at Dana College, an NAIA school in Nebraska. In 2004, his first season, his squad finished with an 8-22 record. In 2005, the Vikings

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Commencement

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John F. "Jack" Gifford

of high expectations and the concept that innovative product development could be scheduled and was not a random event. Gifford's product proliferation strategy challenged his team to develop at least 15 new products in its first year. In 2006, Maxim boasted a product portfolio in excess of 5,000 analog and mixed-signal integrated products and now develops over 600 new products annually.

A worldwide leader in the design, development, and manufacture of analog, mixed signal, high frequency, and digital circuits, Maxim today serves approximately 35,000 customers, employs over 9,000 and earns \$1.86 billion in revenues. Gifford retired from the company this year due to health reasons, but consults on product planning and business direction.

His industry achievements earned him numerous awards, including CEO of the Year by *Electronic Business Magazine* in 2001 and America's Best Semiconductor Industry CEO by *Institutional Investor Magazine* in 2005. Gifford's agricultural upbringing and avid interest in technology, meanwhile, led him to establish other businesses outside the semiconductor industry.

He embarked on a farming career in 1973 and in 10 years became one of the larger tomato growers in Northern California. The founder and president of businesses that include J. Leal Farms and Enslie Industries, Gifford was nominated for National Entrepreneur of the Year by Arthur Young in 1988.

Active in numerous scholastic and charitable activities involving children and education, he has contributed to the University of California Hall of Science Lower Education Program, The Betty Kanuha Foundation and is a co-founder of the East Palo Alto Education and Tennis Foundation (EPATT).

His background in science and athletics has convinced him that youth exposed to athletics will succeed in life if education is properly emphasized. That led him five years ago to establish Hawai'i's Kalaeiki Baseball Youth Clinic. Some 350 Hawai'i youth, free of charge, attend the four-day clinic annually, featuring volunteer coaches from the major leagues and eight Division I universities including UCLA, Stanford and Hawai'i. The overall aim of these efforts is to focus youth on the value of math and English education in lower-income area schools here and in California.

Officials will honor Gifford during the commencement

ceremony with an honorary Doctor of Humane Letters degree. The award will recognize his distinguished reputation as a pioneer in the electronics industry and his public service in support of education programs for youth.

Linda Voong, an English and political science major, represents the graduating class as its student speaker. Born in San Jose, California, Voong moved to Hawai'i at the age of four. She attended Hilo Union, Hilo Intermediate and Hilo High School before enrolling at UH Hilo.

Voong's academic achievements have earned her numerous awards, including Presidential and Kiwanis Scholarships. She spent four months in Washington D.C. as an intern at the office of U.S. Senator Daniel K. Akaka. Active in campus affairs, Voong spent two years with the Model United Nations, served as secretary and president of the Political Science Association, and was a Junior Kiwanis member.

When Voong and her sister Elaine receive their degrees, it will mark an important family milestone. The daughters of Chinese immigrants who fled their homeland to escape the war in Indochina, they represent their family's first-generation to attend and graduate from college. Growing up, they spoke only Cantonese and did not begin to learn English until entering elementary school.

Voong's address will acknowledge the contributions UH Hilo's faculty and staff along with the Hilo community have made to the graduating class.

She will urge her classmates to find ways to contribute as alumni.

"I want to encourage the graduates to remain here or at least come back at some point to contribute to the next graduating class and community as previous graduates have done," Voong said.

For more information about commencement, please contact Commencement Coordinator Justina Mattos at 936-1193 or email commence@hawaii.edu. For special accommodations, contact Susan Shirachi at x30816 (V) or x47335 (TTY). Requests for special accommodations should be made at least 10 business days prior to the event. ☎

(Editor's note: Ken Hupp is a public information officer.)

Ka Lono Hanakahi is published by the Office of University Relations on the first of the month during the academic year for faculty and staff of the University of Hawai'i at Hilo. News and submissions are welcome. Deadlines are on the fifteenth of each month for the following first of the month publication. Contact Alyson Kakugawa-Leong, Director of Media Relations, Beaumont Cottage, (808) 974-7642 or email alyson@hawaii.edu. ☎

Governor releases money for new Science Building

by Ken Hupp

A new building to house UH Hilo's rapidly growing physical science programs is one big step closer to reality. Governor Linda Lingle last month released \$23,800,000 in construction funds for development of the new building, which will include sorely needed classrooms, offices and laboratories for the Physics, Astronomy and Chemistry programs.

The three-story, 16,500-square-foot facility, to be known as the Physical Sciences Building, will cost approximately \$25 million and will be located on the Lanikaula Street site currently occupied by the Beaumont Extension Services Building.

"The University is grateful that the Legislature has supported this project and that Governor Lingle has released funds so we can move forward with construction," said Chancellor Rose Tseng. "The badly needed classroom space and new state-of-the-art labs will enable these programs to remain on the cutting edge in a rapidly changing world."

The three programs are currently housed in Wentworth Hall, which was built in 1965 and is the second oldest classroom building on campus. In addition to its age, the building is struggling to accommodate the increasing number of students enrolling in physical sciences that have fueled much of UH Hilo's 33 percent growth in enrollment dating back to 1997. Some, like Astronomy, developed out of an existing program and never possessed its own allocated space for classrooms and labs. Other programs like Chemistry have recently undergone a dramatic increase in enrollment. As a central science, or cornerstone discipline, Chemistry is an essential science program for undergraduates, and will increase in demand with the new College of Pharmacy.

"The current facilities simply weren't designed to accommodate anything close to the kind of enrollment growth we've experienced," said University Relations Director Gerald De Mello. "These programs have enormous potential for additional growth and development, but to do that they'll need the enhanced classroom and lab facilities that this new building will provide."

The first floor will be comprised of classrooms, including a 130-seat auditorium and two smaller rooms that will accommodate approximately 50 students. Physics and Astronomy labs, classrooms and faculty offices will occupy the second floor, with similar Chemistry facilities located on the third floor.

Original plans to also house the Biology Department



Rendering of Science and Tech Building

had to be set aside due to skyrocketing construction costs, which delayed the start of the project and forced planners to reduce the building's size by 5,500 square feet. The relocation of the three programs however, will pave the way for eventual large-scale renovation of Wentworth Hall, resulting in expansion of existing research facilities. The addition of more research capacity is seen as another key to raising the profile of the University's science programs and boosting recruitment efforts.

The project will be built in two phases beginning with construction of a new parking lot to replace the existing one which sits on the future building site. Bids are scheduled to open in May, with construction expected to begin in June. The building contractor is expected to be chosen in June, with construction scheduled for completion in May 2009. 📍

Great Leaps!

The UH Hilo Performing Arts Department invites faculty and staff to its *Great Leaps Dance Concert*, which is the semester culmination of the Dance division's studies, on Wednesday, May 2 at 7:30 p.m. in the Performing Arts Center. Tickets are available at the Box Office for \$5 general, \$3 senior/child/faculty/staff, and \$1 UH Hilo/HawCC students.

All of the dance classes, including ballet, modern and jazz, will fill the stage with over 150 dancers and 15 original dances. HawCC classes will showcase Aerial Dance performed on hanging trapezes. 📍

Hats off to...



Julie Ann Luiz

Julie Ann Luiz, Assistant Professor, Animal Science, had her manuscript "Clinical Snapshot: 2-year-old, Intact Female Miniature Dachshund" accepted for publication in the peer-reviewed, national journal, *Compendium on Continuing Education for the Practicing Veterinarian*.

John Hamilton, Instructor, Physics and Astronomy, attended and presented at the 6th International Workshop on Very High Energy Particle Astronomy – Connection between Wide Field Survey and Cosmic Ray Observation held at the Subaru Telescope Headquarters in Hilo in March. In attendance were scientists from the Institute for Cosmic-Ray Research, Univ. of Tokyo, Univ. of Kyoto, Nagoya Univ., Chiba Univ., Subaru Telescope (Japan), Academia Sinica Institute of Astronomy & Astrophysics (Taiwan), UH Hilo, UH Manoa, and Univ. of Utah.

Bryan Kim, Associate Professor, Psychology, has published a chapter, "Acculturation and Enculturation" in the second edition of the *Handbook of Asian American Psychology*, which was published in 2007 by Sage Publications. The chapter describes current theory, research, and psychological practice surrounding the experiences of Asian Americans as they adapt to the dominant U.S. culture while retaining the norms of their traditional Asian cultures.

Hank Hennessey, Professor, Management, has been named co-principal director of the SHRM Hawai'i Workplace Excellence Project. The Society for Human Resource Management – Hawai'i is sponsoring the project with the assistance of a \$100,000 DLIR ETF Macro grant, and in cooperation with Metrus Group, a nationally-known management consulting firm. SHRM Hawai'i is a statewide professional organization dedicated to the improvement of human resource



Cheryl Ramos

management practices in Hawai'i, and is affiliated with SHRM, which has become the largest organization of human resource professionals worldwide.

Cheryl Ramos, Assistant Professor, Psychology, had her article, "Organizational Change in a Human Service Agency" published in the March 2007 issue of the *Consulting Psychology Journal: Research and Practice*.

Helen Wong Smith, Librarian, presented "Digital Hawaiian Resources: Latest Innovations in Disseminating Hawai'i-based Primary Resources" at the Pacific Islands Conference, *Hidden Treasures: Accessing the Riches in Pacific Collections*, held in March at the East-West Center on O'ahu. For a PowerPoint of this presentation, contact Wong at smith@hawaii.edu. Additionally, she was recently installed as president of the Association of Hawai'i Archivists at an annual conference she hosted at Pu'u o Hoku Ranch on Moloka'i.

Marianne Takamiya, Assistant Professor, Physics and Astronomy, and student Michael Young, this month present their work at the American Astronomical Society meeting on O'ahu. The results are part of Young's undergraduate thesis project on the topic of star formation in distant galaxies. Data was obtained with the Gemini telescope atop Mauna Kea using the Integral Field Unit spectrograph. Mark Chun, UH Manoa, and Christopher Willmer, Univ. of Arizona, serve as co-investigators.

Karla Hayashi, Instructor, English, attended a meeting of the Alignment Institute of the American Diploma Project in Dallas, TX in March. The project aims to align public high school curricula with UH entrance requirements in Math and English. The Hawai'i team included Hayashi, DOE Math and English Language Arts



John Hamilton



Helen Wong Smith



Bryan Kim



Marianne Takamiya



Hank Hennessey



Karla Hayashi

Hats off - continued on page 5.

Hats off

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Harald Barkhoff

education specialists and faculty, Gear Up, and United for Learning / Hawai'i P-20 Initiative.

Harald Barkhoff, Assistant Professor, Health and Physical Education, had his paper "Application of the Hawaiian Ki'i concept into imagery of elite athletes in modern sport psychology" accepted for presentation at the Popular Culture Association and American Culture Association International Conference, to be held in July in Iceland. The paper is co-authored with Taupori Tangaro, HawCC. Additionally, "A Season Long Case Study of Self-Regulation Skills and Success in Elite Sport Competitions" was accepted for publication at the 12th European Congress of Sport Psychology, to be held in September in Greece. The paper is co-authored with Elaine Heiby, UH Manoa, and Ian Pagano, Cancer Research Center of Hawai'i.

Ron Amundson, Professor, Philosophy, edited a new volume of a facsimile reprint of "On the Nature of Limbs" by Richard Owen, originally published in 1849. The book will include introductory essays by two biologists, two historians, and Amundson. Owen's book had a strong influence on Charles Darwin and other evolutionary thinkers, but its rarity made it inaccessible to modern readers until now. University of Chicago Press will release the new volume this summer.

Wayne Miyamoto, Professor, Art, presented a work in the 79th Annual Honolulu Printmakers Exhibition at the Honolulu Academy of Art Center in March. In March, he also served as a juror for the 2nd Congressional Art Contest sponsored by U.S. Congresswoman Mazie Hirono. He has been invited by the Educational Testing Service, Princeton, NJ to participate in the Advance Placement portfolio review at the Louisville, KY Convention Center in June.



Yumiko Ohara

Thom Curtis, Associate Professor, Sociology, has been appointed by the director of the State of Hawai'i Department of Commerce and Consumer Affairs to serve as a member of the Marriage and Family Therapist Licensure Advisory Committee. The three-person committee advises DCCA regarding qualifications of licensure applicants, interpretation of licensing regulations and professional ethics.

Yumiko Ohara, Assistant Professor, Japanese, presented her research as part of an invited colloquia, "Negotiating the self in another language: Identify formation and cross-cultural adaptation among second language users" at the 17th International Conference on Pragmatics & Language Learning, held at UH Manoa in March. The title of her talk was "Learners as agents in the construction of gender in the Japanese as a foreign language classroom" where she addressed pedagogical issues from a social constructionist view of gender identity. The trip was funded by the UH Hilo Languages Department and Humanities Division.

Carmen Perez-Frayne, Educational Program Coordinator, and husband Roland Frayne, welcomed their first-born, Sofia Evelyn Perez Frayne, on March 29. The little princess was 8 pounds, 3 ounces, and 19 1/2 inches long. ☺



Ron Amundson



Carmen Perez-Frayne



Wayne Miyamoto



Thom Curtis

Ogata selected Admin Affairs' Employee of the Quarter



Debbie Ogata

"Debbie is simply the most decent person you would ever care to know."

With praise like that from her nominator, it's little wonder that Debbie Ogata has been named Auxiliary Services' Employee of the Quarter. She was also described as "ultra-organized," "dedicated," and "an excellent role model for other State of Hawai'i workers."

Ogata's reaction to the honor is "quite surprised, really."

"It's a real honor to be chosen," she said. "There are so many others who also deserve to be recognized."

Ogata has been a University employee for 13 years and says that she's looking forward to another 13.

"I'm certainly excited for the growth of the University and looking forward to seeing more expansion here on campus," she said.

Ogata started out as a mail clerk and worked as an office clerk before becoming a clerk-typist. Her nominator says she possesses "excellent interpersonal skills," and "is very proactive and sympathetic to others' needs."

"Her close relationship with key support people from the Computing Center, Business Office, Human Resources, etc., helps to resolve needs for Auxiliary Services quickly," the nominator wrote.

"I like helping out each individual," Ogata said. "It makes me feel happy knowing that I've helped them in some way."

Ogata's penchant for neatness motivates her to do extra cleaning around the office, which the nominator said improves the work atmosphere. On her off time, Ogata participates in several recreational activities.

"I enjoy gardening especially when I can plant something and it actually grows," she quipped. "I love flowers, especially when they are in bloom. I also love shopping --which I consider to be stress relief. In addition, I like to go walking and bike riding as part of my exercise routine."

As Administrative Affairs Employee of the Quarter, Ogata gets a plaque, a cash award, a \$25 Sodexo meal card and a reserved parking space for the quarter.

When asked if she had any final thoughts, Ogata came up with a nomination of her own.

"I would especially like to thank Dr. Bill Chen for his ongoing generosity and support," she said. "He should be 'Employee of the Year.'" 📍

PAC presents postmodern "Requiem"

The UH Hilo Performing Arts Department presents the Hawai'i premiere of "Requiem" by contemporary Welsh composer Karl Jenkins on Saturday, May 5, 7:30 p.m. and Sunday, May 6, at 2 p.m. in the UH Hilo Performing Arts Center.

Maestro Ken Staton will direct the UH Hilo Orchestra plus choruses from both the University and the community in this 2005 composition that interpolates the usual movements of the Requiem Mass with a series of haiku settings in Japanese, with instrumentation including the Arabic darabuka, Japanese daiko and frame drums and the shakuhachi, played by Grand Master Dr. Riley Lee.

Tickets are \$10 and \$15, and are available at the Box Office or online at <http://artscenter.uhh.hawaii.edu>.

This presentation of "Requiem" is co-sponsored by the UH Hilo Performing Arts Center, the UH Hilo Performing Arts Department and the Hawai'i Concert Society, and is made possible by a generous grant from the Arthur and Mae Orvis Foundation. 📍

Lee gives shakuhachi lecture/demo May 7

Dr. Riley Lee, one of the world's foremost authorities on the shakuhachi (Japanese bamboo flute), presents a free lecture / demonstration on the instrument Monday, May 7, at 10 a.m. in the rehearsal room of the music building (PB8A), adjacent to the UH Hilo Performing Arts Center.

Lee, who holds a Ph.D. in musicology from Sydney University in Australia, became the first-ever non-Japanese shakuhachi *dai shihan* (Grand Master). He has made over 50 commercially produced recordings, which have been released worldwide by a number of labels. Here in Hawai'i, he is best known for a series of recordings on Hula Records with guitarist Jeff Peterson, including "Bamboo Slack Key," "Maui Morning" and "Haiku."

Lee, a former lecturer at UH Manoa who now lives in Australia, will be in Hilo to perform with the UH Hilo Orchestra and combined chorus in Karl Jenkins' "Requiem" at UH Hilo's Performing Arts Center May 5 and 6.

Lee's lecture / demonstration is sponsored by the UH Hilo Performing Arts Center. 📍



Spotlight

Continued from page 1

improved to 18-18. Prior to Atkinson's arrival, the program had recorded only two conference wins and a 40-265 record over 10 seasons.

Atkinson, 39, is no stranger to Hawai'i. He graduated from Brigham Young University-Hawai'i in 1993 with a B.S. in exercise science and obtained his Doctor of Chiropractic from Southern California University of Health Sciences in 1996. He is certified by the National Strength and Conditioning Association as a chiropractic sports physician and a strength and conditioning specialist. His wife, Junae, is from O'ahu and her family still lives there.

"It was too good to turn down," Atkinson said of the UH Hilo position. "There are only a couple of schools that would have drawn me away from Brownsville. With my wife being from Hawai'i and because I went to college there, I've always wanted to go back. Now our kids will get to grow up around their grandparents and other relatives."

The Atkinsons have three sons: Cole, 10; Tanner, 4; and Aaron, 1. Their daughter, Riley, is six. Atkinson arrived in Hilo April 16, leaving behind a Scorpions program with a solid foundation to build upon.

"It is extremely disappointing to lose Bruce as our volleyball coach," UTB Athletic Director Dan Huntley said. "Bruce came here and set expectations for our student-athletes at a high level. In his short tenure, he has helped put our institution on the 'most wanted' list of teams to watch out for in the future, to play against and to play for."

Atkinson said that while he was in Laie, he saw first-hand the great Vulcan teams of the late 1980s and early 1990s, as well as the UH Hilo-BYUH rivalry.


"Kathy's (McNally) and this community's expectations are the same as every good athletic director and community's expectations and that is to succeed," he said. "Hilo has been waiting a long time to once again have a winning volleyball program and I will give it my all to give it to them."

"My expectations of myself are the same as those of the team—give it your all, every day. I don't expect anyone to give more than 100%, but I expect the 100% every day. This is in the classroom as well as on the court. But all the success in the world on the court will mean nothing if our athletes are not graduating. This should be their No. 1 goal."

The Vulcans lose only two players off last year's squad, but they were the team's two best—outside hitter Taina Savage, a first-team All-Pacific West Conference selection in 2006, and Kahealani Silva, an honorable-mention all-conference setter.

"A large part of success comes down to recruiting," Atkinson said. "Coaching can only take an athlete so far. We need to bring in the best athletes available and then start coaching from there. Also, the team needs to realize that rebuilding a program requires a tremendous amount of work and sacrifice. Members of the team may be asked to perform skills in a way that is completely different from how they have been taught in the past. They may be asked to play positions that they are unaccustomed to. But they must do these things for the betterment of the team. It is easy to say 'team first.' Players belonging to a truly successful program will buy into it."

The rise of the BYUH and Hawai'i Pacific University volleyball programs to their own national titles was done largely by recruiting international players. Before saying adios to Brownsville, Atkinson signed Talita Milasauskas, a 6-foot-2 middle blocker from Brazil, to a letter of intent to play volleyball for the Scorpions.

"Obviously, any time you lose two of your better players, key recruits need to be brought in. International recruiting is one way of doing this," he noted. "Is it the only way? I don't think so. For years players from Hawai'i have been brought over to the mainland to improve teams in a similar way. Bringing in international players is expensive. Hawai'i Pacific and BYUH have deep pockets. You have to work within the budget with which you are provided. My goal is to bring in the best student-athletes possible to represent UH Hilo in a positive way on and off the court." 



May 17-18, 2007
University of Hawai'i at Hilo Campus

Theme: Cancer Care A to Z

HIGHLIGHTS:
Cancer Care Logistics
Cancer Prevention
Compassionate Care
Communication
Celebrating Life

SPECIAL SPEAKERS:
Diane Thompson, MD: "Quality of Life with Cancer"
Carolyn Gotay, PhD: "Navigating the Future - Survivorship"



University of Hawai'i at Hilo BSN Program



Campus Events

May

2	Last day of instruction	6	Karl Jenkins' "Requiem," 2 p.m., PAC, Admission
	Last day to completely withdraw with a "W"	7-11	Final examinations
	Great Leaps Dance Concert, 7:30 p.m., PAC, Admission	12	UH Hilo Commencement, 9 a.m., Edith Kanakaole Stadium
4	Vulcan baseball vs. Univ. of Hawai'i, 6 p.m., Wong Stadium, Admission	14	Final grades due in MyUH portal, Noon
5	Vulcan baseball vs. Univ. of Hawai'i, 1 p.m., Wong Stadium, Admission	28	Holiday: Memorial Day 🇺🇸
	Karl Jenkins' "Requiem," 7:30 p.m., PAC, Admission		