

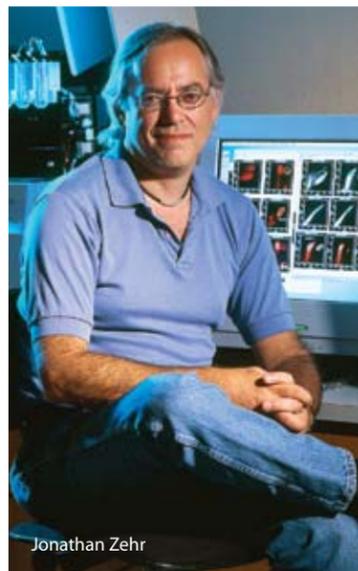
## Grants help find clues to climate change

Ocean science professor Jonathan Zehr and his colleagues want to understand how some of Earth's tiniest inhabitants—marine microorganisms—affect the global environment.

These microbes play key roles in ocean processes and will help determine how global climate change affects the oceans in the future.

The Gordon and Betty Moore Foundation has awarded a \$4.8 million grant to UC Santa Cruz to fund ongoing research in marine microbiology. Zehr is principal investigator.

The five-year grant supports a research program called MEGAMER (Microbial Environmental Genomics Applications: Modeling, Experimentation, and Remote sensing), established in July 2005 with a \$2.2 million award from the Moore Foundation. Zehr has overseen the establishment of MEGAMER.



Jonathan Zehr

In addition, the Moore Foundation has awarded Zehr a four-year, \$3.7 million grant to fund his ongoing research as a Moore Foundation Investigator in marine science.

“When people think about microorganisms, they usually think about pathogens and disease-causing bacteria,” Zehr said. “And when they think about ocean health, whales and seals come to mind first. But it’s the natural microorganisms that don’t cause disease that are the most important in the oceans.”



Narinder Kapany received the Fiat Lux Award, recognizing his pioneering work in fiber optics.

## Celebrating innovation, ideas, and ideals

The second annual UC Santa Cruz Founders Day gala dinner drew more than 350 people to the Cocoanut Grove on October 24 to celebrate the founding ideals of the campus and the outstanding accomplishments of three individuals with ties to UCSC.

Guests were treated to three video presentations extolling the career achievements of alumna and *Washington Post* reporter Dana Priest, who won her second Pulitzer Prize in April; professor of Latin American and Latino studies Patricia Zavella, who was honored for being selected by the Academic Senate as the Faculty Research Lecturer; and Narinder Kapany, a research scientist, entrepreneur, and former UCSC professor who demonstrated that light could be passed through bent optical fiber.

Chancellor George Blumenthal said Priest, Zavella, and Kapany are the kind of success stories UCSC’s founders had in mind when they established the campus more than 43 years ago.



Chancellor Blumenthal (right) with county supervisor Neal Coonerty and his wife, Lucie Coonerty

## History is made

After months of discussion, a historic agreement was forged in August between UCSC, the City and the County of Santa Cruz, and campus neighbors. The agreement ends litigation related to UCSC’s Long Range Development Plan and enables the campus to implement its academic plan, proceed with construction of the Biomedical Sciences Building, and further meet the educational needs of students and the state.

“The agreement sets the course for a new collaborative relationship in the Santa Cruz community, one I hope and expect will become a model for campus and community relations everywhere,” said Chancellor George Blumenthal.

Under the terms of the agreement, UCSC will limit enrollment to 19,500 students by 2020; house two-thirds of additional students on campus; make fair-share contributions to transportation improvements on streets affected by campus traffic; and pay normal city fees for new water hookups.

## Subterranean stories

“Are We There Yet?” is the title of a public artwork and interactive sound installation by UCSC assistant art professor Dee Hibbert-Jones—on exhibit in Japan this past fall.

Hibbert-Jones’s project is the result of an invitation she received to participate in an international festival of art, Dislocate 08, exploring technology and urban experience in Yokohama and Tokyo.

She describes her work (in collaboration with artist Nomi Talisman) as “an emotional map of stories” collected from passengers on Japanese subways.

To develop the exhibit, they spent a week collecting stories from people traveling the Yokohama Blue Subway Line and then edited these stories into an audio MP3 file that could be taken onto the subway. Visitors were able to check out an MP3 player from a gallery in Yokohama and then travel the subway—listening in to other travelers’ personal anecdotes. As they passed through each of the 32 stations, they heard a different story.

“We have tales, for example, of sparrows living underground, stories of false teeth lost and found on the subway, tales of a heart broken at a certain station, and the stories of a subway cleaning worker describing what he sees each day,” said Hibbert-Jones.

Hibbert-Jones also created an interactive installation at ZAIM gallery in Yokohama, where visitors could touch subway stops on a large Plexiglas table covered with drawings of the city. By touching any stop on the subway, a viewer could activate a video projection that described stories from that station.



Entering the Tokyo subway

## In Memoriam

**Frank Child**, 86, a professor of economics who served as dean of the UCSC Division of Social Sciences from 1983 until 1987, died January 25. Before joining the Santa Cruz campus, Child taught at UC Davis, where he led efforts to establish the city of Davis’s signature bikeway system.

**Tony Fink**, 65, a professor of chemistry and biochemistry and a world authority on protein folding, who had taught at UCSC since 1969, died March 2. Fink was respected for his teaching, approachability, and command of the subjects. During his career he mentored more than 60 graduate students, over 50 postdoctoral associates, and more than 150 undergraduates.

**Frances McAllister**, 97, an ardent supporter of UC Santa Cruz’s Long Marine Laboratory who also helped develop the UCSC library in its early years, died August 3. A classmate and friend of founding chancellor Dean McHenry, McAllister was a key ally in helping Chancellor McHenry realize his vision for UCSC. McAllister Way at Long Marine Lab is named in her honor.

**Gerhard Ringel**, 88, a professor emeritus of mathematics and a world leader in the fields of combinatorics and graph theory who served as chair of the Mathematics Department for 13 years, died June 24. Ringel, who donated his extensive butterfly collection to the UCSC Museum of Natural History Collections, joined the UCSC faculty in 1970 and retired in 1993.