



James Lick, First Patron

With his 1874 bequest to establish "a telescope superior to and more powerful than any telescope yet made"—and with the subsequent donation of the Lick Observatory to UC in 1888—James Lick became the first patron to establish what was later to become a Multicampus Research Unit. Born in Stumppstown, (now Fredricksburg), Pennsylvania in 1796 and trained as a cabinetmaker, Lick became a successful piano maker in New York City. But with fortune on his mind—and seeing profits to be made in South America—Lick moved his shop first to Buenos Aires and later to Lima, Peru where he prospered despite repeated wars in those countries. Hearing of opportunities in the Spanish outpost of California, Lick sailed to San Francisco in late 1847, arriving one month before the Treaty of Guadalupe Hidalgo ceded the region to the United States in 1848. (Besides \$30,000 in Peruvian gold, he carried 600 pounds of chocolate purchased from his confectioner neighbor in Lima, Domingo Ghirardelli, whose chocolate is synonymous with San Francisco to this day.) To local amusement, Lick immediately set about purchasing large tracts of land in empty and barren San Francisco—lands that made him, when the Gold Rush began only months later, one of the wealthiest men in the new American territory of California.

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Carol McClain, Director of UC Multicampus Research, Retires Oversaw Major Expansion of MRU Enterprise

Carol McClain, whose 16-year tenure at the Office of the President coincided with a time of rapid expansion of the MRU network, retired from UC on June 30, in order to return full-time to her research in anthropology. As holder of four UC degrees, a lecturer and former adjunct faculty member in Medical Anthropology at UCSF, and most recently the Director of Multicampus Research at UCOP, Carol has spent nearly her entire career at the University of California. She leaves UC as an accomplished academic, administrator, and admired colleague.

Carol earned a Masters degree in Cultural Anthropology from UCLA, a Master of Public Health from Berkeley, and a PhD from UCLA in Cultural Anthropology. Her field work took her to Ajijic, Mexico (on the shores of Lake Chapala) where she now plans to return part-time. She is the author of numerous publications on the cultural contexts of childbirth, infectious diseases, and more recently, on identity in multi-racial American families. Her 1989 book, *Women as Healers: Cross-Cultural Perspectives*, was published by Rutgers University Press. In her retirement, Carol plans to complete a book on the black/white multiracial family in the US, a topic on which she has given a number of presentations, including one at the 2000 meeting of the Association of Black Anthropologists in Havana.

Carol came to UCOP to help conceive an overall "research plan" for the university, but later took charge of multicampus research planning and programs when the Office of Research was created in the early 1990's. Sixteen MRUs were established during her watch, including the Santa Cruz and Irvine branches of the Institute of Geophysics and Planetary Physics (IGPP), and the Davis branch of the Institute of Transportation Studies (ITS). She oversaw the competition resulting in five new Multicampus Research Groups in the humanities, in new fields such as Digital Arts, World History, Transnational & Transcolonial Studies, and History and Culture of Late Antiquity. She shepherded through the system proposals to create MRUs in forward-looking fields such as the new San Diego-based California Institute for Bioengineering (2003) and the Institute for Complex Adaptive

Matter (2001), headquartered at Los Alamos. She initiated programs to support existing MRUs as well, including the Multicampus Research Incentive Fund and the Multicampus Research Unit Special Project competition, programs to support one-time projects that could not otherwise be carried out through existing MRU resources. (Both have been temporarily suspended due to budget shortfalls, but will come back when the



budget does.) She conceived a plan to conduct 15-year reviews of all the MRUs, and built a staff to carry them out (see back page). For several years she worked with UC faculty to develop high-priority research initiatives for inclusion in the annual Regents' Budget, resulting in new MRUs such as the UC Marine Council (1999) and major augmentations to the budget of existing units such as UC MEXUS, the Riverside-based unit dedicated to the study of the United States and Mexico.

Throughout her administrative career, Carol worked with her characteristic insight, precision and good humor to position MRUs as a central and fundamental UC resource for research and training. Colleagues from across the state have sent their good wishes upon her retirement.

A Brief History of MRUs

While Carol is associated with the most recent flowering of MRUs, the concept actually goes back nearly a

century. With the founding in 1919 of UC's "Southern Branch" at Los Angeles, (known by some at the time as "The Twig"), the Lick Observatory (see column at left), established in 1888, became the first UC research unit to serve more than one campus. The catalyst of WWII and the post-Sputnik/Cold War push resulted in the first cluster of major systemwide research units in the sciences—units such as the inaugural branch of IGPP at Los Angeles (1946), the Cancer Research Coordinating Committee (1947), the Institute of Transportation Studies at Berkeley (1948) and White Mountain Research Station (1950). Later came additional branches of IGPP at San Diego (1958) and Riverside (1967). These units helped, during the post-war period, to position UC as the major research powerhouse it is today. During the 1970s and 1980s about a dozen MRUs came into being through state mandate—units such as the UC Energy Institute (1980), the Toxic Substances Research and Teaching Program (1985), the Systemwide Biotechnology Research and Education Program (1985), the Pacific Rim Research Program (1986) and the UC Committee on Latino Research (1987)—all to serve the social and environmental policy needs of the state. Many of these MRUs provide, to this day, regular guidance to state legislators seeking research expertise in areas that have a direct effect on the lives of Californians. Within the last 5 years, MRUs have been created in response to important new fields of research, in areas such as Complex Adaptive Matter, Digital Arts and Bioengineering (described earlier). In all, 42 MRUs, many with affiliated campus centers and branches, support UC faculty and student research, with combined annual state funding of \$40 million, and a total budget (including extramural funding) of about \$100 million. Several additional MRUs, in the health sciences and agriculture, are administered through the UCOP Office of Health Affairs and the division of Agriculture and Natural Resources.

For an overview of all the UC MRUs, visit the Office of Research website at www.ucop.edu/research, and the *Guide to UC Multicampus Research Units*, available at www.ucop.edu/research/publications/mruguide.html.

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MRU Team Reorganizes with Eye to the Future

Given the recent rapid expansion of multi-campus research endeavors at UC, Vice Provost Coleman has restructured the Office of Research staff to better meet the challenges of maintaining MRU oversight while strengthening UC's response to new

opportunities for multi-campus research collaboration. With Carol McClain's retirement, Dante Noto and Cathie Magowan have been appointed to the posts of parallel Directors, with Noto overseeing those in science and technology. In addition to ongoing MRU oversight responsibilities, they will coordinate new initiatives and collaborations in homeland security research, information technology, museum and libraries, and international research.

The third member of the management team, Martin Backstrom, the new Associate Director of Multicampus Research, will share administrative duties with the Directors, but will also take on new responsibilities to promote undergraduate, graduate and post-doctoral research, and will oversee the UCOP-based Pacific Rim Research Program.

Noto came to UCOP in 1997 from Washington D.C. where he served as the first

director of the Association for Public Policy Analysis and Management (APPAM), a non-profit education and research association. He received his Masters degree in interdisciplinary humanities from Duke University and studied at Oxford. Cathie Magowan holds a



From left, upper row: Allison Anderson, Laureen O'Connell, Ann Gilbert, Florence Mou, Shari LaPerle. Bottom row: Dante Noto, Cathie Magowan, Martin Backstrom

Master of Public Health degree from Tulane and a PhD from UC Berkeley. Before coming to UCOP in 1999, she conducted malaria research at a number of major institutions, including the Walter Reed Army Institute in Washington and the Life Sciences Division of the Lawrence Berkeley Laboratory. Martin Backstrom

came to UCOP in 1999 after serving for ten years on the faculty of UC Davis and UC Berkeley, where he taught courses in Classical Chinese literature. He holds a PhD from Berkeley in East Asian Languages.

Ann Gilbert will continue to administer the Coastal Environmental Quality Initiative, but will also work with Director Magowan on homeland security initiatives. Florence Mou will continue to coordinate the Pacific Rim Research Program, and will take on new administrative responsibilities for the President's Fellowships in the Humanities. Shari LaPerle will continue to administer the UCOP-based MICRO program.

Upcoming Events *meetings and conferences*

Victorian Soundings: Voice, Bodies, Noise. Annual "Dickens Universe" conference sponsored by the UC Dickens Project. Santa Cruz, July 31, 2003–August 2, 2003. See <http://humwww.ucsc.edu/dickens/universe/universe.html>. Dickens Universe brings together scholars, graduate students, high school teachers, and members of the general public for a week of study and Dickensian conviviality.

Latinos in California II Conference 1996-2003. Co-sponsored by the UC Committee on Latino Research, and UC MEXUS. Mission Inn, Riverside, September 11-13. Will showcase the maturation of the research infrastructure on the ten UC campuses, as well as new policy studies on education, health, politics and the economy. Focus on interdisciplinary developments in cultural studies, including research on the media and popular culture, literature, history, and queer studies. See <http://ucmexus.ucr.edu/events/latinosinca.htm>.

Oceans 2003 Conference: One Hundred Years of Oceanography and the Century to Come. San Diego Town & Country Hotel and Convention Center, Mission Valley, September 22-36. Sponsors include the California Sea Grant College Program. Conference in honor of Scripps Institution's Centennial. For more information see <http://www.oceans2003.org/>.

All-UC Group in Economic History Conference, Fall 2003. Hotel Adagio, San Francisco, October 4. Graduate students from around UC will make presentations on the work in progress. Deadline for submitting paper proposals is September 1. All expenses will be paid for participants. Contact Mary Davis at mvdavis@ucdavis.edu for more information.

READ ABOUT ALL THE UC MRUs IN THE
GUIDE TO UC MULTICAMPUS RESEARCH UNITS

AT:

WWW.UCOP.EDU/RESEARCH/PUBLICATIONS/MRUGUIDE.HTML

James Lick—continued

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With his newfound wealth, Lick built San Francisco's most magnificent hotel, the Lick House (destroyed in the 1906 earthquake and fire) and purchased vast tracts of land, including most of the Santa Clara Valley (where he set up a homestead), holdings on the shores of Lake Tahoe, and all of Santa Catalina island. He was known for his generosity (he shipped in from the East Coast San Francisco's famed Conservatory of Flowers, a gift originally intended for San Jose) and for his eccentricity (he was known to test the obedience of his workers by ordering them to plant trees upside down). Lick's interest in astronomy was likely due to his



friendship with George Davidson, President of the California Academy of Sciences, who convinced Lick, during the latter's final bedridden years, of the scholarly need for a great telescope that would bear his name. (Lick had previously intended to use his wealth to construct a replica of the Great Pyramid of Egypt in San Francisco.) Twelve years after Lick's death in 1876, the Lick Observatory finally opened in 1888 on the summit

of Mt. Hamilton—a site chosen partly because it could be seen from Lick's Santa Clara homestead. Donated to UC only months after opening, the original Lick Observatory still functions, now as part of the state-of-the-art UC Observatories/Lick Observatory MRU supporting research and training of astronomers, researchers, and graduate and undergraduate students throughout the UC system. (Courtesy of UCOP/Lick. For more historical information on Lick and the building of the Lick Observatory see www.uclick.org).