Ke Kūkini

"The Messenger"

Special Issue on the Addition to Hamilton Library

No. 6 January 1997

An Essential Initiative for Our Future

The purpose of our libraries is to connect people with knowledge. Librarians forge links between vast stores of information and manage information systems and collections that constantly evolve so that knowledge sources can be located, used and shared over time as well as distance.

Since new knowledge is woven on the warp bestowed by our predecessors, our libraries are designed to provide us with access to the works of the past as well as the present. Libraries are a form of memory—they retain the collective record of our experience. Libraries are also a form of communication—through them we transmit knowledge and information. Our service as librarians is to help people select, locate, and acquire what they need in a timely and effective manner and to make this process of discovery enjoyable as well as rewarding.

— John Haak. "Today's Decisions, Tomorrow's Access: Presentation of the UH Mānoa Library services to the UH Board of Regents," September, 1996.

FROM UNIVERSITY LIBRARIAN JOHN HAAK

The Addition to Hamilton Library

As I look forward to the 21st century, I am delighted that the Addition to Hamilton Library is coming closer to physical reality. Even as we develop the virtual library and participate in worldwide electronic information networks, the library as a physical place, an "academic arena," remains vital.

The Addition will bring us closer to our commitment, made in the Library's Strategic Plan, to adapt all our facilities to support changing patterns of teaching, to optimize the use of new technologies, and to provide for long-term growth and preservation of our research collections that have been developed systematically for over 80 years.[1]

Through all the planning, it has been a constant concern to balance the Library's many and sometimes competing responsibilities. The functions and collections that will move to the Hamilton Addition illustrate how we are approaching both the information future and the preservation of the documentary resources that are Hawai'i's heritage. The Addition will be fully wired for public connections to the campus and worldwide information networks.

The new space will enable us to apply more of the developments and discoveries of recent years not only to improve our science and technology information and reference services, but also to implement preservation strategies that will enhance long-term stewardship of our collections. In the existing building, the collections remaining behind will have growing room, and seating will be restored.

The Library is uniquely qualified to draw scattered research resources together. We reliably retain, or obtain through interlibrary loan, complete copies of many thousands of relevant publications not available on the Internet. We provide access to those that are. We supply specialized information equipment that is beyond the ability of individuals to provide for themselves. We negotiate cost-efficient access to important electronic information services, like indexing and abstracting, that are not free. All students and scholars depend on this integrated "one-stop information shopping" to accomplish their work.

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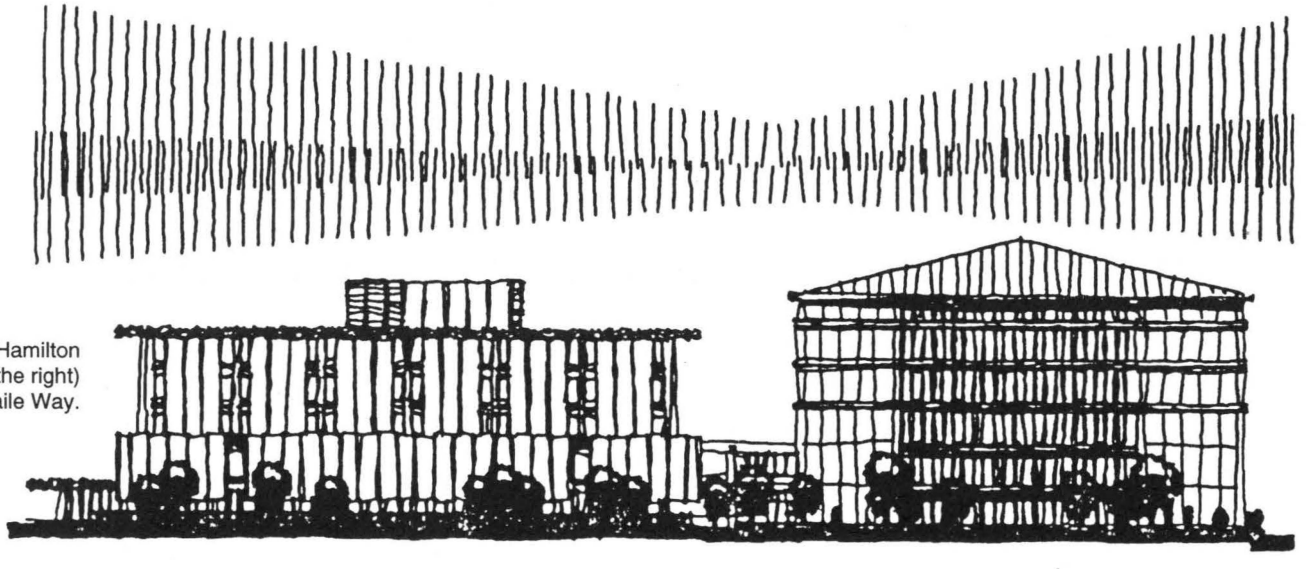
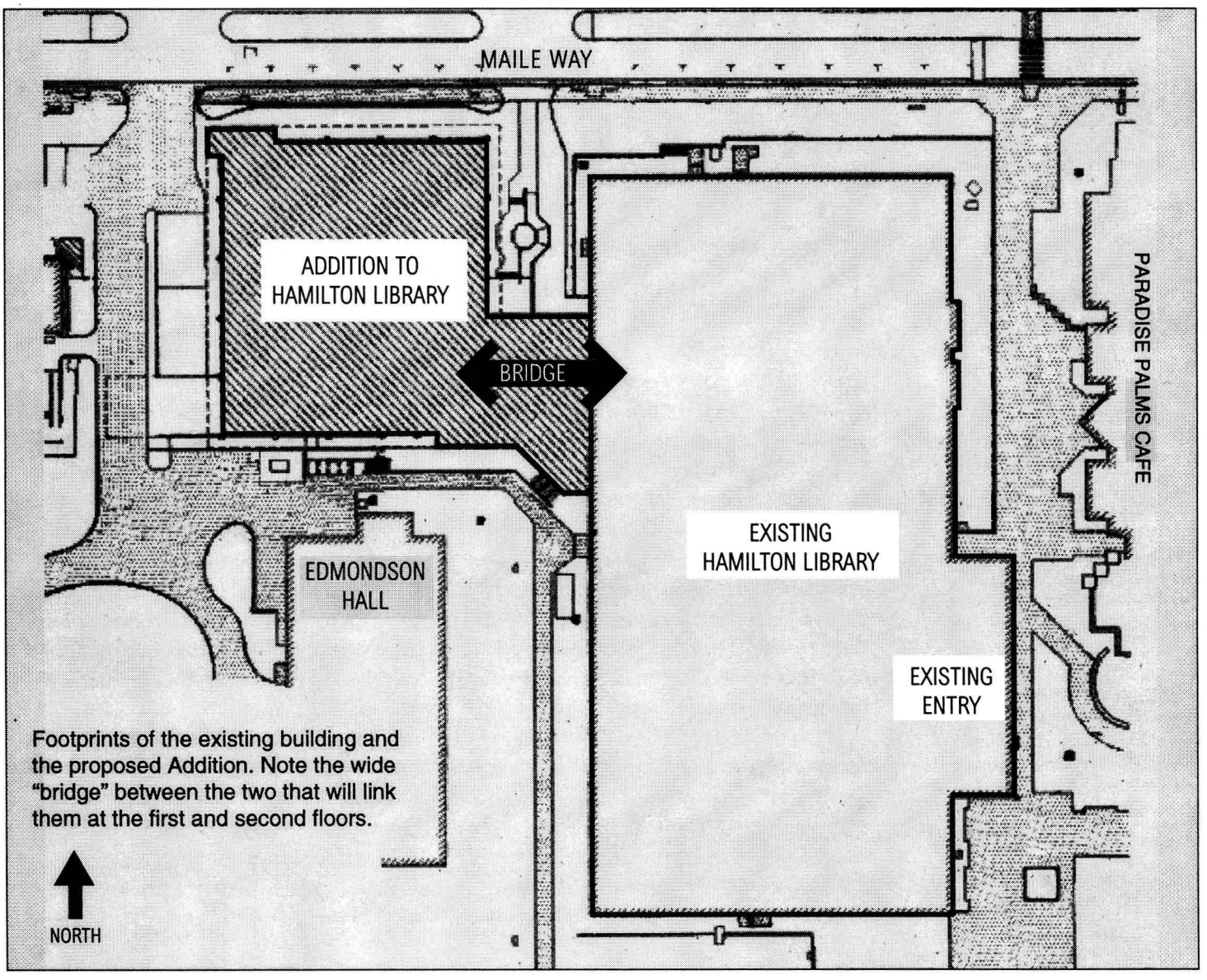


The proposed Hamilton Addition (on the right) viewed from Maile Way.



Footprints of the existing building and the proposed Addition. Note the wide "bridge" between the two that will link them at the first and second floors.

Information for this issue provided by:

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Lynn Davis
John Haak
Jean Ehrhorn
Wil Frost
Alison Kay
Steven Ledward
Nancy Morris
Scott Nishimoto
Dennis Saito
Bron Solyom
Joyce Watson
Paul Wermager

MAHALO to Our Library Supporters

Ushering a big capital improvement project like the Hamilton Addition through the planning and legislative processes takes many willing supporters and years of effort.

Library staff began working on this project in the early eighties. Our Building Planning Coordinator, Joyce Watson, has seen us through many drafts, justifications, and proposals. Her unfailing optimism and willingness to adapt to changing circumstances mean that when the final plans go out to bid, we will have thoroughly thought through our options and come up with the best fit for our future.

President Mortimer and the Board of Regents recognized the crucial need for the building when they advanced the Addition to first priority in new construction for the whole University System. By including the Addition in his proposed budget, Governor Cayetano has moved the approval process one step further. The UHM Faculty Senate, the Board of the Associates of the UHM Library (our friends' organization), the UHM Planning Office, ASUH, and GSO, and many other groups and individuals on campus and in the community have been truly supportive of our cause and will help us present our case to the Legislature. I would like to acknowledge and thank them all for their unflagging support.

—John Haak

Meeting the Design Challenge

For architect Dennis Saito, designing this latest Addition to Hamilton Library represents a particular challenge. First it must "fit" aesthetically with the existing structure whose overall character (long and low, with wide overhangs, "egg crate" eaves and giant aggregate wall panels) was determined in the mid-sixties by the architectural firm of Hogan and Chapman. They designed the four-story first phase, and also a six-story second phase which was added, fully integrated with the original, in 1977.

The newest Addition, also referred to as Phase III, will be a separate building, a decision based on cost but also offering practical advantages like a completely separate air-conditioning system, special climate control for preservation of some of the most fragile library materials, extra security, and a sloping roof to reduce the risk of leaks.

Both patron and staff areas will be designed to be as flexible as possible given the rapid evolution of library services and information technology. Work and study spaces will be both ergonomically comfortable and arranged for efficiency. The Addition will be equipped throughout to provide cabling and power for high-tech computer networking and will meet the latest standards for accessibility for persons with disabilities. It will add 91,462 assignable square feet of floor area, making a total of 314,727 assignable square feet for Hamilton as a whole.

Architect Saito sees devising straightforward traffic patterns for patrons to navigate their way to all collections and departments in the Addition as a crucial task. Patrons will still come in through the old entrance lobby and approach the Addition via two 40-foot long bridges that will link new and old at the first and second floors. Rather than simple narrow corridors, these bridges will be featured walkways incorporating exhibit and study areas. One great challenge will be tying the new structure back to the old across the bridges to make sure that the two function well together. The plans include some modification of the existing structure to achieve this.

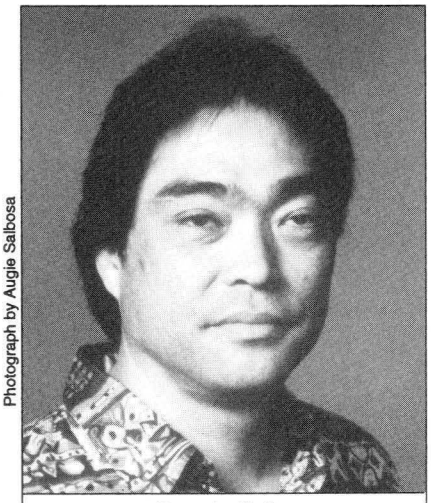
The collections and departments that will move to the Addition have a variety of needs to be met. The service entrance will relocate to the GROUND FLOOR and with it the Library's ever-busy mailroom operations. For the first time, a completely covered loading dock will protect deliveries from Mānoa rains.

The Science and Technology collections and staff will occupy the first through third floors. The FIRST FLOOR is planned as a high traffic area, with the Sci-Tech Reference Desk strategically located at the "bridgehead," close to both print and electronic reference resources, and also the current periodicals collection. Teaching faculty and librarians will find a networked classroom nearby for training students in the use of these resources.

In contrast, the SECOND AND THIRD FLOORS, which will house the main science and technology book and journal collection, will be arranged to provide other kinds of learning environments—there will be both quiet havens in the stacks for intense individual study and research and also collaborative study areas for small groups. Data jacks will be handy to all seating for anyone bringing a laptop to connect to electronic information sources.

The FOURTH THROUGH SIXTH FLOORS are reserved for some of the Library's most unique and valuable heritage collections including Rare Books and archival resources (such as the Senator Spark Matsunaga papers and the Hawaiian Sugar Planters' Association Plantation Archives), as well as the Preservation Department. Patrons will reach the reading room for these collections by taking the elevator from the bridge levels below. Features that Saito will incorporate into the design include security and controlled access, and provision for changing exhibitions of some of the Library's treasures.

The firm of Matsushita, Saito and Associates will be working at full speed on the design drawings in anticipation of the construction contract going out to bid as soon as possible after construction money is appropriated by the Legislature.



Photograph by Augie Salbosa

Dennis Saito

Introducing the Architect

DENNIS SAITO, A.I.A. (class of 1982), has been President of Matsushita, Saito and Associates since 1993. He is already very familiar with the Mānoa campus and the Library as he worked as a graphic artist at the UH Curriculum Research and Development Corporation from 1976–79 before deciding to study for his Bachelor of Architecture degree at UHM. He joined his present firm as a registered architect in 1984. The firm has already designed several library buildings, including the UH Law School Library which won a 1983 Merit Award from the Honolulu Chapter of the A.I.A., and the Kapi'olani Community College Library that was featured in the April 1995 and May 1996 issues of *American Libraries*. He is active in a number of professional associations, serving as a member of the American Institute of Architects, the Construction Specification Institute, and the American Library Association, as well as the Japanese American Society and Friends of Keybar.

A Building of Many Virtues

Whether you talk to faculty or Library staff, you will hear the same message: the many virtues of the Addition will greatly improve services to our patrons. A sampling:

As a patron for 50 years, Dr. E. ALISON KAY, Professor of Zoology, has seen the Library go through many transformations. A former Mānoa Faculty Senate Chair, she has lobbied strongly to advance the Library's cause. "As the Library continues to develop into the new century, it is essential that we have the space and access to technology that we have not had. At the moment, students are at a terrible disadvantage in the crowded conditions."

Kay knows from her research on mollusks, and the natural history and biogeography of the Pacific, that the Library has the world's best collection, relating to Pacific Islands natural history. "With the University's Pacific and Asian outlook, we must be able to continue to support collections like these. I am just now going back to 19th century sources in the Hawaiian Collection, discovering the importance of the missionaries in the recording of Hawaiian natural history. I am very happy that construction of the Addition to will allow room for the collections that will remain in the existing building—like the Hawaiian, Asia and Pacific Collections—to continue their growth."

"We need to go beyond the horizon, to be prepared for what we cannot yet see," says 1995/96 UH Employee of the Year, STEVEN LEDWARD, Library Networks Manager and technical wizard behind the Library's computer connections and networks. Imagine the "spinal cord" of the Addition: from the ground to the top floor, a dual infrastructure of both twisted pair copper wiring and fiber optic cabling, branching out on each floor ready to be connected to a variety of computer equipment. "This infrastructure will give us flexibility. It will enable us to accommodate the latest communication technologies, not only those facilitating rapid data transfer, but also those permitting the use of interactive media—such as real time video conferencing between the Sci-Tech reference desk and university research centers like Coconut Island or Kewalo Basin."

Dr. NANCY MORRIS, Head of Special Collections and Curator of the Jean Charlot Collection, looks forward to the time when her department will be able to consolidate archival materials now in several locations into a new home. "We will then be in a position to actively seek archival records and papers of prominent individuals and important organi-zations in the state and the Pacific region. We will be able to offer an appropriate environment and proper stewardship for their long-term care. And there will be new secure exhibition facilities for us to show more of the Library's treasures."

For Dr. RAHUL CHATTERGY, long-time faculty representative on the Mānoa Library Committee and Professor of Electrical Engineering, the very existence of a new building will stimulate interest. He says graduate students, especially doctoral candidates, will benefit most from having more room to study. As he puts it, many of them have no choice—they must put in the hours, they are poor, many do not have offices or suitable study spaces at home. The Library is their home.

Chattergy believes that with the new facility and expanded computer access, the science and technology collections will better respond to changing directions in the curriculum, especially those relating to multidisciplinary research and computer applications. Where individual departments may not include a specialty, for example in environmental areas, the Library is the "neutral base" where students find required information. Departments cannot afford to duplicate what is in the Library, and even professional engineers and architects in the community depend on the Library as their fall-back resource.

Like many others in the academic community, Dr. Chattergy also recog-nizes the Library as his cultural base. "Where else on this island can I read the *New York Review of Books* and so easily borrow copies of the literary and non-fiction titles reviewed there?"

"When we move to the Addition," says PAUL WERMAGER, Head of Science and Technology Reference, "we will be able to offer our patrons improvements that we have been dreaming of for years."

"We will have room to increase the number of computer workstations available for consulting the scientific databases on CD-ROM to which the Library subscribes. As students discover the power and efficiency of CD-ROM versions of such important reference resources as *Zoological Abstracts* —complex to use in the paper form—demand for access grows. Most are not licensed for access from home so students must come in. Sometimes we do not have enough stations." Wermager says the new workstation area will have glass walls so staff can give training sessions without disturbing others.

Another dream: "We will restore our current periodical reading area for science students and faculty to browse the latest arrivals, an essential activity in all the sciences. The area will be congenial, with windows, and journal display shelves arranged close by, not spread out as they are now. This will definitely reduce the number of questions from people trying to find the latest issues."

And finally: "It will be a relief to have room to bring back some of the older volumes of journals that we had to house in Sinclair when Hamilton shelving space reached the limit. Especially in areas of excellence like tropical agriculture and ocean sciences, consolidation of current and older volumes will save researchers a lot of time."

For Students, Relieving the Pressure

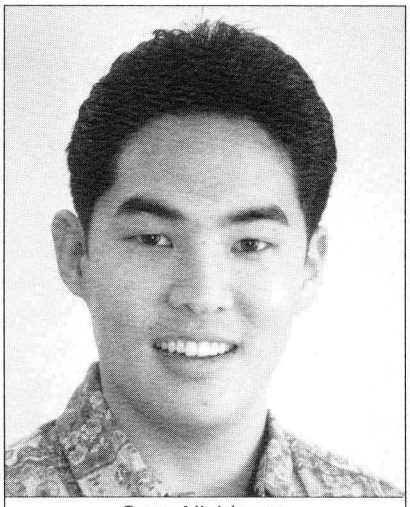
When asked what the Hamilton Addition will mean for students, ASUH President SCOTT NISHIMOTO spoke for the thousands who will be studying at Mānoa into the next century. "It will take the pressure off the existing building," he says. "Students will regain carpeted study spaces now covered by crowded bookstacks. There will be more seats for all of us. And we will not have to go so far for some of the journals that have been moved temporarily to Sinclair."

He is excited that students will be able to take advantage of the latest networking technologies in the wired study areas. Though many students access the Library and gather information from the Internet from their home computers, they still come to the Library to use the books and other electronic and print resources that are not on the Internet, and to study together, as well as attend training sessions in how to use the online catalogs and information resources.

By the way, Nishimoto interned for Senator Inouye in Washington this past summer, and plans to go to law school. He might just be around to see the unveiling of the new Addition in the year 2000.

A Student Voice

SCOTT NISHIMOTO fits the profile of a dedicated student and UHM Library user. Born on Oahu in 1974, he graduated from Mid-Pacific Institute in 1992. Now a UHM senior, he is enrolled as a Sociology major, with a minor in American Studies. He has worked his way as a student assistant in the Biomedical Sciences program for the last several years. Beside his involvement in student government, he enjoys playing sports, especially basketball and softball, and was appointed to the UHM Athletic Advisory Board by President Mortimer. He is a member of the Golden Key (National Honor Society), and the sociology professional society.



Scott Nishimoto

Addition *Continued from page 1*

The Addition to Hamilton Library will extend the value of the Library as the place for putting people in touch with our knowledge heritage. A pleasing environment will invite research and quiet study, offer places for group learning and class instruction, and access to resources that provide social and cultural enrichment for the campus and the community.

[1] "A Commitment to Access and Quality: Strategic Plan for Library Services, 1996–2000." Copies available from Library Administration, (808) 956-7205.

A Statistical Snapshot

The importance of Hawai'i's major research library can be expressed in many ways. Our collection of 2,888,498 volumes places us 45th in the rankings of the holdings of the country's major academic and research libraries. Our 1995-96 statistics demonstrate how heavily our resources and services were used by our patrons.

- 1,103,000 people entered the Library doors
- 558,500 items were checked out
- 890,870 more items were used in-house
- 999,054 online search sessions were initiated in databases accessible via UHCARL
- 165,768 reference questions were answered
- 4,362,441 photocopies were made
- 2,431 students received classroom instruction in the Library

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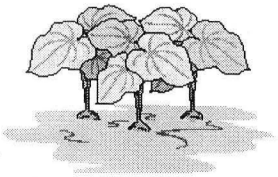

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MĀNOA SPOTLIGHT

Lynn Davis

Meet the New Head of Preservation

LYNN DAVIS, new head of the Preservation Department, was born and raised on O'ahu, and lives in her family home in Kāne'ohe. With 20 years as chairman of the Bishop Museum Archives, which also included responsibility for the photograph and visual collections, she brings knowledge and hands-on experience of preserving cultural and library resources in our challenging tropical environment. Lynn completed her undergraduate work (1970) and her MLS (1972) at UHM, and earned her MA in Art from the University of New Mexico (1984). Historical images of old Hawai'i are her particular passion. She has published articles and books on this subject, including *Nā Pa'i Ki'i: Photographers in Hawai'i, 1845-1900* (1980), and *A Photographer in the Kingdom: Christian J. Hedemann's Early Images of Hawai'i* (1987).

Worth Preserving

The UHM Library is a world-class research library developed and cultivated over many years. It offers important materials otherwise unavailable in Hawai'i, including many unique items that give voice to the history and lifestyles of Hawai'i's people. It is an honor and challenge for the Preservation Department to participate in caring for this valuable resource so that it will be available to the community in perpetuity.

Our collections are increasingly made up of diverse physical formats, ranging from traditional books and journals on paper to the latest audio-visual recordings and electronic media. The Preservation Department provides preservation guidelines for all these formats and monitors their stability, especially the new electronic formats. The Department also evaluates advances in preservation technology. The Addition provides opportunities to take advantage of these developments in a number of ways.

The Department will be relocated to a customized facility on the top floor, appropriately equipped with fume hoods and other features to insure the health and safety of the staff. In the new space, designed for efficient workflow, and enabling the use of the latest tools and materials, the Department will be able to provide more efficient treatment of individual items, and streamline archival copying to alternative formats (e.g. digitizing, microfilming, photocopying) for preservation purposes.

The new building will provide stable moderate temperatures and relative humidity levels, the most effective way to protect collections as a whole, slowing significantly the deterioration due to the inherent nature of most library materials. A special vault area is being designed for film, photographic, and other rare materials requiring additional climate controls.

With the Addition, we will be able to improve the efficiency of our pest management program. We plan to introduce a new generation of smaller, portable freezers for treating books for insect infestation. These have been developed for preservation needs, and also provide a freeze-drying process that will assist in treating wet books.

—Lynn Davis

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