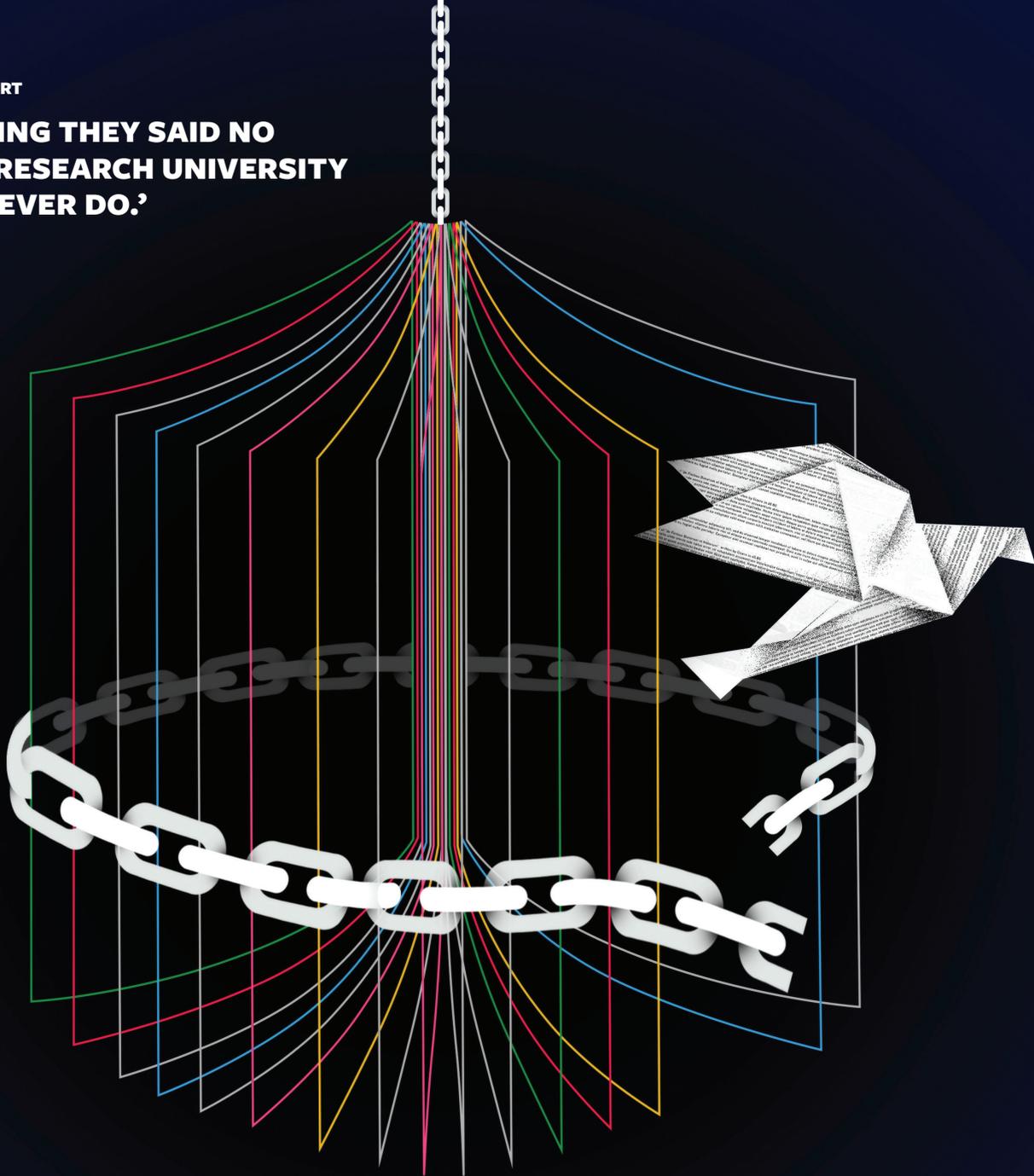


ANNUAL REPORT

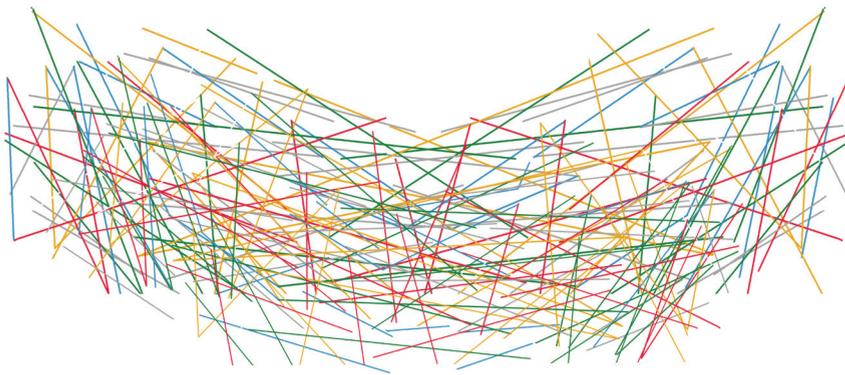
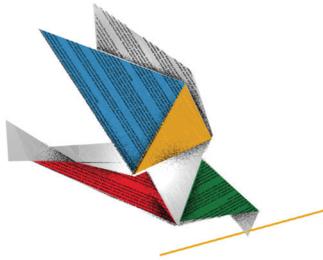
**'THE THING THEY SAID NO
MAJOR RESEARCH UNIVERSITY
WOULD EVER DO.'**



**Thanks to you, we're taking
a stand to set knowledge free.**

Berkeley Library
UNIVERSITY OF CALIFORNIA

7,605,1



About the cover: After the University of California split with publishing monolith Elsevier, a global community sounded off on social media. Responses included this tweet by Steven Berry, a professor of economics at Yale University. Read more responses on Pages 4-5.

This is a publication of the Library Communications Office,
University of California, Berkeley.

Your feedback and suggestions are warmly invited.
You can reach us at librarycommunications@berkeley.edu.

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05,000

The world's population: Open access to research ensures that physicians, educators, and policymakers — along with billions of others — will have access to the latest breakthroughs.

BUILDING A BETTER FUTURE

It was a bold move — but a necessary one. In February, the University of California announced its separation from Elsevier, the world's largest academic publisher. After months of negotiations, the company had refused to meet the university's key demands: to make UC research open access (available freely to all) and to contain the ever-higher costs associated with for-profit journals. Why the push for open access? Because the fruits of UC research — funded largely by taxpayers — should not languish behind a paywall. “We’ve got scientists who are discovering new solutions to human problems, but access to those discoveries is limited to those who can afford to pay for it,” says University Librarian Jeffrey MacKie-Mason, who helped lead the Elsevier negotiations. “That is terrible for society.” Now, UC has taken a stand. The university recently entered into a transformative agreement with Cambridge University Press. The partnership is UC's first open access deal with a major publisher and Cambridge's first such deal in the Americas.

To support the Library's open access efforts, contact the Library Development Office at 510-642-9377 or give@library.berkeley.edu.

A MOONSHOT HEARD AROUND THE WORLD

In the days after the University of California announced its break with Elsevier, messages of support and congratulations came pouring in. Here is a sample of the responses, by turns fiery, joyous, and heartwarming.

‘The important, and I would say courageous, actions taken by the UC will have a ripple effect across the planet and improve research and communication of research findings for the rest of time.’

— Joseph E. Kerschner, the dean of the School of Medicine at the Medical College of Wisconsin

‘The University of California refusing to play Elsevier’s rent-seeking subscription game is huge, welcome news for the future of open access science. May other institutions follow suit quickly.’

— @mattblaze

‘Brava! It’s about time someone with clout challenged the commercial scientific journal publishers who have been profiteering from the scientific community and the governmental and industrial sponsors of the research that is their bread and butter, as well as the university library systems that are being fleeced.’

— Robert Salomon, a professor of chemistry and ophthalmology at Case Western Reserve University

**‘CONGRATULATIONS ON THIS BOLD AND ESSENTIAL ACTION —
THANK YOU AND YOUR COLLEAGUES FOR THIS SPECTACULAR LEADERSHIP!’**

— Keith R. Yamamoto, the vice chancellor for science policy and strategy at UCSF

‘As a high school science teacher I am often frustrated by the financial blocks to accessing research articles that would extend my knowledge and the learning experiences I strive for in my classes. Open access will open the doors to deeper learning opportunities at the high school level and thereby enrich our efforts for college preparedness.’

— Greg Panzanaro, a high school teacher in upstate New York

‘Great job. History (will) always remember you. You are the first drop of water & it’s a real blessing for poor developing nations.’

— @imiftikharalam

‘HEY, WHILE WE’RE TALKING ABOUT UC WALKING AWAY FROM ELSEVIER: REMEMBER, FRIENDS, THERE’S STRENGTH IN NUMBERS. THERE’S NO TIME LIKE THE PRESENT TO HOP ON BOARD THE EXPRESS TRAIN TO OPEN ACCESS TOWN.’

— @Mchl_Wolfe

‘The more people, places, and organizations that work to free knowledge from corporate chains the better for us all.’

— @cayceedeeneely

‘By standing up to Elsevier, we are doing something *real* to change this terrible system of profit-driven academic publishing for the better. ... I am so glad — just bursting with happiness and pride.’

— Barbara W. Sarnecka, an associate professor of cognitive sciences at UC Irvine

‘AND NOW WE HAVE SOME LIGHT AMONG THE DARK! THANK YOU SO MUCH. I HOPE THE REST OF THE USA, AND THEN THE REST OF THE WORLD, FOLLOWS YOUR SHINING EXAMPLE. THIS MATTERS SO SO MUCH FOR THE ENTIRE FUTURE OF SCIENCE.’

— @Protohedgehog

‘I am dismayed that ... we are still beholden to the Elseviers. Maybe this act of yours is the beginning of the end.’

— Michael I. Jordan, a professor of computer science and statistics at UC Berkeley

‘THE UNITED FRONT, FROM THE PRESIDENT’S OFFICE TO ... FACULTY AND LIBRARIANS, IS WHAT MAKES THIS OUTCOME SO IMPRESSIVE. ONE CAN ONLY IMAGINE THE BLOOD, SWEAT, AND TEARS ALL OF YOU HAVE DEVOTED TO THESE NEGOTIATIONS OVER THE PAST MONTHS. ... I’M PROUD TO BE PART OF THIS COMMUNITY.’

— Christine Borgman, a professor of information studies at UCLA

HOW WE MAKE A DIFFERENCE, IN NUMBERS

The numbers don't lie: The Library matters. Each piece of information we gather gives us insights into our spaces, our treasures, and our services — and the people who rely on them every day. Piece by piece, this collection of data reveals the story of where we've been and prepares us for the chapters that lie ahead.

Participants in Library instruction

Thousands benefited from the Library's instruction efforts. Through workshops, consultations, and class visits, the Library helps students explore a range of subjects, from copyright to digital mapping to information literacy.

22,620

Total pageviews

The Library's website racked up nearly 4.8 million pageviews from 1,401,263 users, coming from all over the world. India was the country with the most visitors after the U.S., with more than 60,000.

4,755,795

e-book usage

In the 2018 calendar year, scholars downloaded nearly 4.3 million chapters. The *Oxford English Dictionary* was the most popular e-book.

4,264,592

e-journal usage

Users downloaded about 6.5 million articles in the 2018 calendar year. The science journal *Nature* was the most popular title, with 219,080 downloads.

6,525,146



PHOTO BY J. PIERRE CARRILLO

A trusted hub of information, the UC Berkeley Library continues to be a destination for learning and discovery, both in person and online. And our knowledge is growing: This year, the Library's collections surpassed 13 million volumes for the first time.

Visits to Moffitt Library

On the precipice of completing its transition into the Center for Connected Learning, Moffitt Library continued to be a popular hub for undergraduates, with around 1.7 million visits during the year. The busiest month was October, with 267,159 visits.

1,712,628

Images scanned

The Library boosted its digitization efforts, set on making our knowledge available to the world. The Library scanned nearly 1.4 million images in-house and worked with vendors to scan an additional 142,273 images.

1,382,737

Volumes in the Library's collections

The Library's collections are more than 13 million volumes strong. Materials include paintings, lithographs, papyri, audio and video recordings, and countless gems including an original sketch of Ludwig van Beethoven's Sixth String Quartet and what is believed to be the oldest known piece of paper written on by Mark Twain.

13,004,174



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$$P(A)$$

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$$E[I_8]$$

Handwritten notes on a piece of paper held by a student.

3,200

Seats in the new design for the Center for Connected Learning's first three floors, doubling the current seat count (while reducing energy use by 25 percent).



PHOTOS BY JAMI SMITH AND J. PIERRE CARRILLO

▲ ‘A NEW DIMENSION’

At the Library, we help students navigate an ever-changing world of information. At the heart of this mission is the Center for Connected Learning at Moffitt Library. Last fall, the Library hired BNIM, an architecture and design firm, to map out the future of Moffitt's first three floors. (The redesigned top two floors opened in 2016.) Susan Chamberlin M.B.A. '87 — who, with her husband, Steve, donated \$1 million to support this new vision — says the Center for Connected Learning “takes Moffitt into a new dimension.” The reimagined space will include a skylit courtyard where students can learn directly from experts (and one another); a media production lab; environments to explore virtual reality; and Berkeley's biggest active learning classroom. “It's an exciting step (that will be) key to allowing Berkeley students to make discovery part of their experience,” she says.

To support the Center for Connected Learning at Moffitt Library, contact the Library Development Office at 510-642-9377 or give@library.berkeley.edu.

At left, the new vision for Moffitt Library — one that emphasizes connection and collaboration — has already taken over the library's fourth and fifth floors. Above, members of the campus community and architects talk about the Center for Connected Learning.

227

Portraits in The Bancroft Library's two-part *Facing West* exhibition.

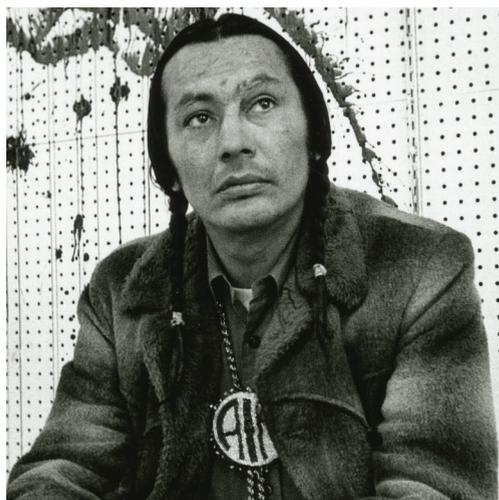
THE WEST, UP CLOSE ▶

Albert Einstein's cherubic grin. The stoic contemplation of activist Russell Means. An impossibly broad smile from Marilyn Monroe. This year, these faces, along with many others — both famous and lesser-known — filled the gallery at The Bancroft Library for a two-part exhibition. Showcasing some of Bancroft's pictorial gems, *Facing West* brought into view photographs of people who helped shape the region, from the mid-1850s onward. The exhibit flows from a broader initiative, Bancroft & the West, which aims to connect Bancroft's world-class Western Americana materials with the diverse communities the collection represents.

**To support Bancroft & the West,
contact the Library Development Office at
510-642-9377 or give@library.berkeley.edu.**

Clockwise from top left: The two-part Facing West exhibition features Roland Hayes; a Dominguez Studio portrait of a Mexican woman; Marilyn Monroe; Thérèse Bonney; Albert Einstein; a participant in an AIDS march; a woman at a civil rights demonstration; Russell Means; and Teo Dunlap, at center.

THE BANCROFT LIBRARY, UNIVERSITY OF CALIFORNIA, BERKELEY



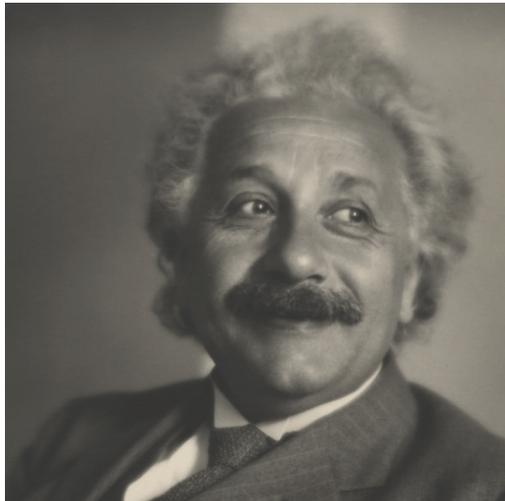


144

Linear feet of materials — including photographs, meticulous notes, and crime scene evidence — in the collection of criminologist Edward Oscar Heinrich.

NEW YEAR, NEW GEMS

This year, we built upon the Library's already robust collections and opened up a bounty of materials to researchers. The Library began providing access to the USC Shoah Foundation's Visual History Archive, a streaming video collection with more than 50,000 firsthand testimonies of the Holocaust and other atrocities. Berkeley researchers can now access the Almandumah Arabic Database (المنظومة), among the largest databases of Arabic scholarly materials in the world. And The Bancroft Library made available the collection of criminology pioneer Edward Oscar Heinrich.



15,137

Images of lobby cards (small movie posters)
from the C. V. Starr East Asian Library's
Fonoroff Collection, on Chinese film
studies, digitized this year.

THIS DIGITAL LIFE

At the Library, we not only share our materials
with Berkeley's scholarly community — we digitize
them and make them available to the world.

This year, we ramped up our digitization efforts
again. The materials we digitized include over
75,000 images of Latin American literary journals;
more than 30,000 images of rare books in the
Environmental Design Library; and nearly 300,000
images of soil survey reports from the Bioscience,
Natural Resources & Public Health Library.

*From left, Library enthusiasts celebrate the
10th anniversary of the C. V. Starr East Asian
Library — the first building on the continent
built exclusively to house an East Asian
collection; Chancellor Carol T. Christ
applauds the drummers outside the event.*



1400

An oracle bone from 1400 B.C. is one of many rare items protected in the East Asian Library's Fong Yun Wah Rare Book Room.



PHOTOS BY JAMI SMITH AND J. PIERRE CARRILLO

◀ FROM EAST TO WEST

In the fall of 2018, the C. V. Starr East Asian Library celebrated a decade in its new home, built to unite and protect the campus's Chinese, Japanese, and Korean materials. "This is a very special facility — not only for Berkeley, but for academic communities in this country and beyond," says Peter Zhou, the library's director. Today, the space serves as a bridge from East to West. In support of that vision, the Soong family recently established the James Soong Archive Fund, to help maintain the personal papers of its namesake, a UC Berkeley alum and founder of the People First Party of Taiwan.

To support the C. V. Starr East Asian Library, contact the Library Development Office at 510-642-9377 or give@library.berkeley.edu.

724

Students employed by the Library, which supports hands-on learning through a mix of innovative programs and fellowships.



PHOTOS BY JAMI SMITH AND J. PIERRE CARRILLO

WHERE STUDENTS FIND THEIR STORY

The Library helps students discover the world — and their potential in it. In 2018, the Library launched an undergraduate fellowship program to nurture the diverse skills across campus, from data analysis to media production. This spring, the fellows created a DeCal, or student-led course, in Moffitt Library to share those skills with others. Student expertise pulses throughout the Library, where our Work+Learn program connects students with jobs unique to them — from cataloging in a variety of languages to conjuring complex data visualizations. “We believe that there are three most important things to nurture the civilization: to feed the people, to heal the people, and to teach the people,” says Rishi Kant, who helped fund the Work+Learn program with his wife, Jan Borstein, this year.

To support the Library’s Work+Learn and fellowship programs, contact the Library Development Office at 510-642-9377 or give@library.berkeley.edu.

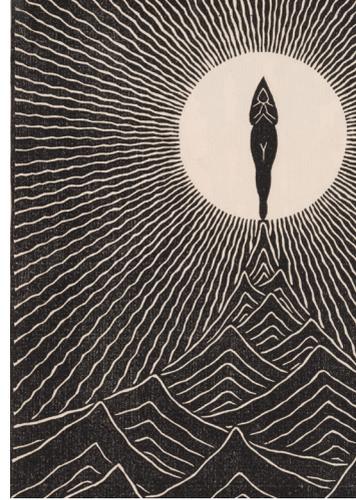
At right, Tiffany Chiang, a guest lecturer from the student club 3DMC, shares the secrets of 3-D printing during the Intro to Making DeCal, designed to jump-start students’ creative journeys. Above, students work and practice new skills in the Library.



Age, in years, of a letter by Alexander Hamilton repaired by Library conservators.

HISTORY'S SECOND LIFE

Conservators in the Library's Preservation Department restored treasures from around the world — including a Bible purchased by Mark Twain for his mother while in Jerusalem, bound in “balsa-wood from the Jordan, oak from Abraham’s tree at Hebron, (and) olivewood from the Mount of Olives,” as Twain writes in a letter; a 1791 letter from Alexander Hamilton to his lawyer, William Rawle; and volumes of *Fantoques*, a rare Venezuelan periodical satirizing 20th-century dictators. The team reattached the Bible’s spine and cover, repaired a tear across Hamilton’s signature, and disbound and mended the journals to prep them for digitization.





1923

The year of publication for a slew of works now in the public domain.

▶ COPYRIGHT KABOOM

On Jan. 1, 2019, hundreds of thousands of works published in 1923 came rushing into the public domain in a mass expiration of copyrights observed as Public Domain Day — the first such release in more than two decades. The Library marked the occasion by digitizing about 50 items never before available online. “We wanted to add something that was unique to the mix that will be available for use by the world,” says Rachael Samberg, who leads the Office of Scholarly Communication Services. “By digitizing it and making it available to everyone, we’re able to contribute to global knowledge.” Among the digitized works are stunning Japanese woodcut prints; harrowing photographs of Berkeley’s 1923 fire; and an itinerary for a road trip through “California’s Scenic Wonderland.”

An album of woodcut prints by the Japanese artist Teikichi Hikoyama — now in the public domain — includes 26 striking scenes, with titles such as Rising Sun, Song of Spring, and Moonlit Sea. Art librarian Lynn Cunningham says freeing artworks such as woodcut prints will be a “boon to the field of art history.”

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3.1 million

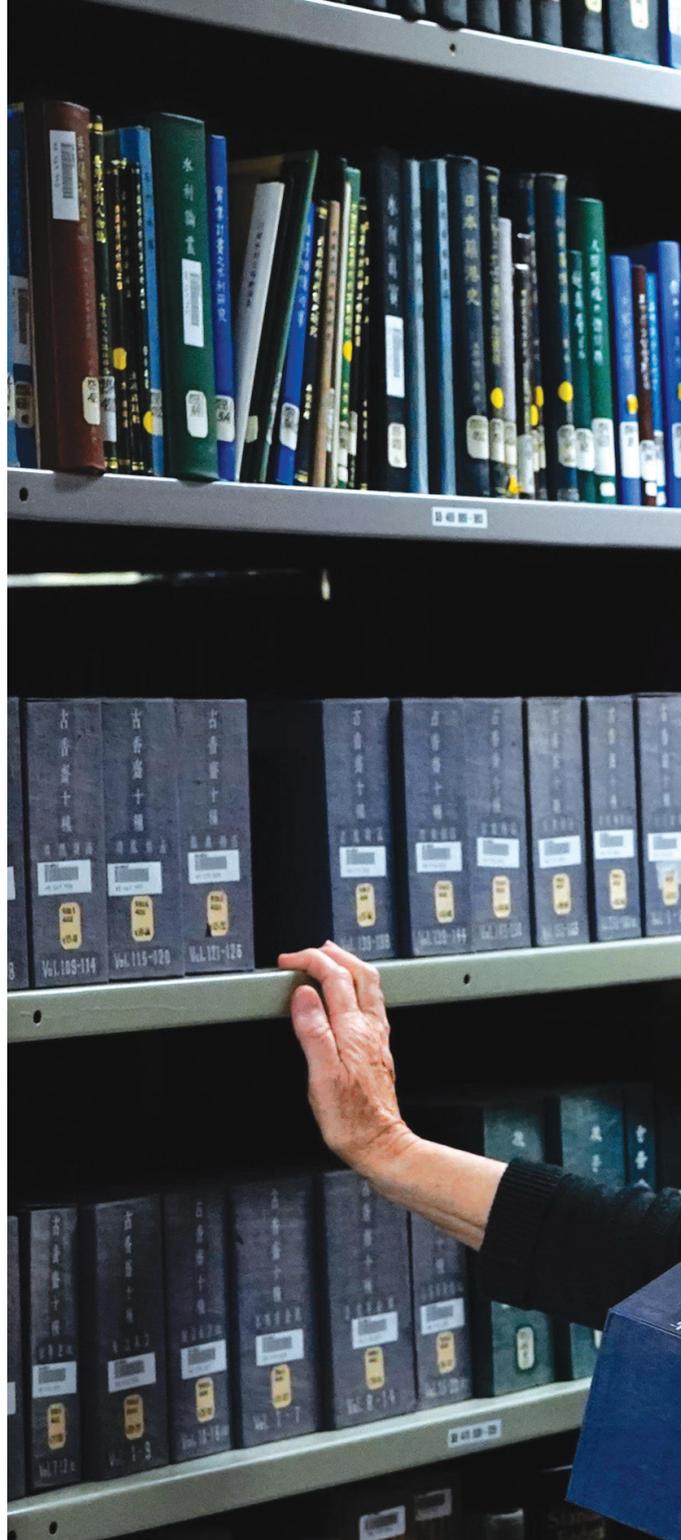
Additional print materials the Northern Regional Library Facility will be able to store after its expansion is complete.



PHOTOS BY JAMI SMITH

OUR WISDOM, STORED ▶

Just 7 miles from the Berkeley campus sits a vault of information, crammed with knowledge wall to wall, floor to ceiling. The Northern Regional Library Facility, or NRLF, stores “the collective wisdom of generations,” as University Librarian Jeffrey MacKie-Mason puts it, and ships those pearls to libraries across the University of California system and beyond. With the threat of the warehouse filling up, a plan emerged: to grow. This year, ground broke on the new expansion of NRLF. In its next chapter, NRLF will continue to serve as an oasis of information where knowledge can be stored — and shared — for years to come.





811

Respondents to the Library's survey of faculty.

DRIVEN BY DATA

How do we empower ourselves to make informed decisions that shape the Library, its collections, and its services? By relying on data. The Assessment Program, established in 2017, was designed to equip the Library with the information we need to adapt and evolve. Last fall, the program launched a survey to gain insights into Berkeley's faculty, with questions on open access, textbook costs, students' research skills, and other topics. The results of the survey will help the Library meet the diverse needs of the university's scholarly community.

From left, devotees of the Northern Regional Library Facility gather in Richmond to celebrate the ceremonial groundbreaking of NRLF's new addition; Jutta Wiemhoff, NRLF's operations manager, gives a tour of the existing facility.

1

Number of people it takes to make a difference.

WITH YOUR SUPPORT, THE LIBRARY CAN CONTINUE TO CONNECT BERKELEY STUDENTS WITH THE WORLD'S KNOWLEDGE AND INSPIRE INNOVATION FOR GENERATIONS TO COME.

**BE A PART OF THE LIBRARY'S SUCCESS:
[GIVE.LIB.BERKELEY.EDU](https://give.lib.berkeley.edu)**

