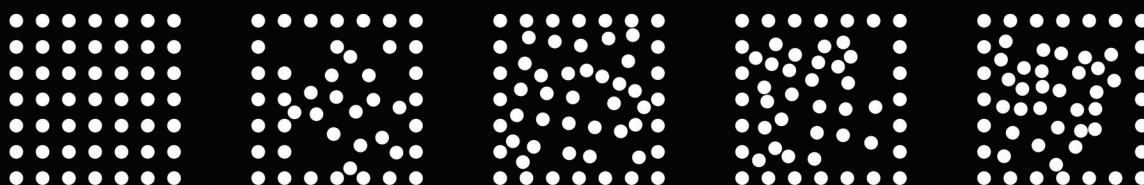


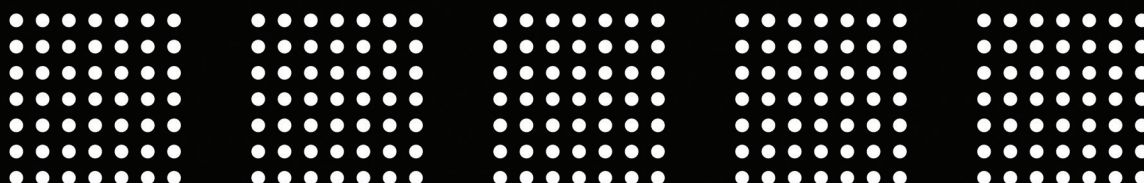
# FIAT LUX



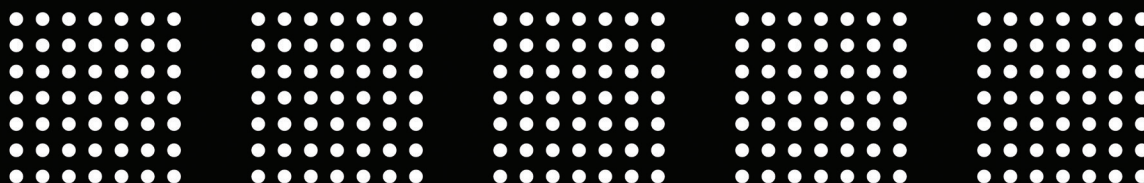
## THE STUDENT ISSUE



**WE'RE DESIGNING NEW SERVICES. WE'RE CURATING VINTAGE TREASURES.**



**AND WE'RE PREPARING STUDENTS TO LIVE AND LEARN IN A DIGITAL SOCIETY.**



# FIAT LUX

## THE STUDENT ISSUE

WE'RE DESIGNING NEW SERVICES.  
WE'RE CURATING VINTAGE TREASURES.  
AND WE'RE PREPARING STUDENTS  
TO LIVE AND LEARN IN A DIGITAL SOCIETY.



**ABOUT THIS COVER** YOU ARE HOLDING ONE OF THREE UNIQUE COVERS  
DESIGNED TO CELEBRATE BERKELEY STUDENT ARTISTS **DETAILS ON PAGE 10**

**Berkeley Library**  
UNIVERSITY OF CALIFORNIA



# FIAT LUX



## THE STUDENT ISSUE

WE'RE DESIGNING NEW  
SERVICES. WE'RE CURATING  
VINTAGE TREASURES. AND WE'RE  
PREPARING STUDENTS  
TO LIVE AND LEARN  
IN A DIGITAL SOCIETY.

**ABOUT THIS COVER** YOU ARE HOLDING ONE OF THREE UNIQUE COVERS  
DESIGNED TO CELEBRATE BERKELEY STUDENT ARTISTS **DETAILS ON PAGE 10**

**Berkeley Library**  
UNIVERSITY OF CALIFORNIA



# ACCELERATING OPEN ACCESS



PHOTO BY GEORG BOTZ CC-BY-SA



*University Librarian Jeffrey MacKie-Mason discussed the transformation of the scholarly publishing model at the Berlin Open Access Conference this spring.*

At first blush the following statement might seem like a no-brainer: “All of the research publications supported by public funds should be available at no cost to everyone in the public.”

And yet, the vast majority of publicly-funded research publications are available only to those who pay for a subscription, or to those who have access to a library that pays for a subscription. These subscription prices are high, and rising faster than the rate of general inflation. As a result, vast numbers of scholars and practitioners (at smaller colleges and universities, private research organizations and companies, in developing countries, or in private practice) cannot easily read the world’s best research results, or access them at all.

The reasons for this are complicated. It is *not* because scholars or universities want to restrict access to their publications, and they aren’t getting any money from the publishers who charge the high subscription rates.

One of our strategies for improving access to scholarly resources is to advance open access — publication that allows everyone to read for free. The challenge is that publishing does cost money. Publishers have employees and they need to be paid. At Berkeley, the Library is leading the campus charge — a UC-wide initiative — to change the business model for scholarly publishing. Funds will cover the costs of publishing and disseminating research, which, once published, anyone can read. ■



# ON A MISSION TO FREEDOM

NEW LIBRARY SERVICES REDUCE STUDENT COSTS



Samberg

Here's one fact that keeps Rachael Samberg up at night: textbook prices have risen 88% over the past decade, according to a 2016 Bureau of Labor Statistics report,

and many textbooks cost upwards of \$200. Here's another: essentially, no research institution in the world can afford to provide its scholars with access to the full corpus of scholarly literature being produced.

When Samberg left Stanford for Berkeley one year ago, her colleagues at Stanford Law thought she was crazy. But the chance to have a real and lasting impact on students was one she couldn't pass up.

"We have the opportunity to lead a large-scale, high-impact transition to open scholarly publishing that will transform how students do research and develop new findings," says Samberg, the Library's scholarly communication officer.

Since dropping red for blue and gold, Samberg has designed a program to help Berkeley scholars use, create, and publish scholarship in ways that promote its dissemination, accessibility, and impact. The high and ever-increasing cost of textbooks is a key focus of the Library's new Scholarly Communication Services program.

This fall, the Library will launch two pilot programs that address course content affordability issues for all students. First, the Library will process participating instructors' syllabi to locate copies of open, free, or Library-licensed resources that students would otherwise have to purchase.

Second, the Library and its campus partners will offer grants and programmatic support to help instructors adopt or create electronic or openly-licensed textbooks, thereby reducing student expenditures on high-priced materials.



*The Library's scholarly communication program has launched a new web resource, [lib.berkeley.edu/scholcomm](http://lib.berkeley.edu/scholcomm).*

Over 25 courses are participating in both services, which is estimated to save students hundreds of thousands of dollars in the pilot period alone.

"Not only will this partnership reduce student costs, but it can also advance pedagogy through the development of new and innovative course content," says Richard Freishtat, director of the Center for Teaching and Learning, which is partnering with the Library on this initiative.

The Scholarly Communication Services program is also helping UC Berkeley authors make their scholarly publications open access and free to readers by providing funding for open access articles, chapters, or scholarly books.

As Samberg explains, "We're here to help create an open and equal academic environment." ■





“Students need research, information management, global consciousness, and interpersonal digital skills.”  
— *Karl Ravancho, Theater and Performance Studies*



“It is helpful to learn these applicable skills to share factual content online throughout our lives.”  
— *Leilanie Martinez, Legal Studies and Chicano Studies*

## IN THEIR WORDS: THE VALUE OF DIGITAL INFORMATION SKILLS

BERKELEY STUDENTS REFLECT ON THEIR ROLE IN THE SHIFTING WORLD OF INFORMATION

The information landscape is changing, and the Library needs to keep up with those changes. This fall, the Library is launching a digital literacy initiative: a new program designed to empower all students to develop 21st-century information and research skills to successfully live, learn, and work in a digital society. This project will focus specifically on creating and supporting a robust menu of services and learning content for emerging areas of research, such as data science, digital humanities, and digital scholarship. “We’re working with campus partners and students themselves to redefine literacy for the digital age,” explains E-Learning and Information Studies Librarian Cody Hennesy, who is designing and implementing the initiative. Here are some thoughts from Berkeley students on the value — and necessity — of digital literacy.

*Interviews and photos by Alejandro Serrano for the University Library.*



“It’s important to every aspect of society, but most important in being an informed citizen and voter.”  
— *Jake Brugger, Physics*



“We need to be able to navigate and effectively use search engines to access necessary information.”  
— *Trisha Morrison, Business Administration*





“Most content-based interaction now happens online, and it is important to be on top of it.”  
— *Sanchit Shorewala, Economics and Statistics*



“It’s important to have an understanding of how the internet can be a tool for positive social change.”  
— *Cesar Ruiz, Business Administration*



Digital literacy skills are necessary “so that ‘fake news’ doesn’t become the norm.”  
— *Manucher Buicki, Public Health*



“It allows us to expand our intellectual content at a faster rate, and provides a unique medium to do so.”  
— *Jessalyn Siu, Civil and Environmental Engineering*



“You must have the ability to navigate email, social media, and other ubiquitous internet platforms.”  
— *Omar Mir Khaled, Microbial Biology*



“When students share thoughts and viewpoints, this creates a more open and diverse community.”  
— *Ying Luo, Computer Science and Statistics*





PHOTO BY BRITTANY HOSEA-SMALL

## BEHIND THE SCENES

INSIDE A PHD STUDENT'S EXPERIENCE PROCESSING A RARE FILM COLLECTION AT THE EAST ASIAN LIBRARY



*Horng*

Menghsin Horng was there when 178 boxes of Chinese film studies materials first arrived from Hong Kong to Berkeley's C. V. Starr East Asian Library.

Over the next 18 months, Horng spent countless hours processing the unique and rare treasures hidden in those boxes to help the Library provide researchers with a fresh perspective on Chinese popular culture, media, and social life.

"Every day was full of surprises," says Horng. "The scope of this collection was just phenomenal."

The Berkeley PhD candidate in Chinese, with a designated emphasis in Film Studies, worked to process the over-10,000 periodical issues in the Paul Kendel Fonoroff collection recently

acquired by the University Library. The collection includes over 70,000 posters, photographs, periodicals, and ephemera that give scholars insight into the film and entertainment industry of greater China from its inception in the early decades of the twentieth century to the 1990s.

Before coming to Berkeley, the materials were stored in two Hong Kong apartments, which made them particularly challenging to sort and catalogue. Horng, who holds a Master of Library and Information Science from San Jose State University, was involved in many steps of this unique process — from the handling of aged materials, to inventory, to archival storage.

"I was surprised by how colorful and beautifully preserved the magazine covers were," Horng says.





TOP: ALEJANDRO SERRANO, CADE JOHNSON; BOTTOM: CADE JOHNSON, BRITTANY HOSEA-SMALL

*“This amazing collection makes Berkeley the premier research information center of Chinese film studies in the country,” explains Peter Zhou, director of the C. V. Starr East Asian Library, pictured at right with collector Paul Fonoroff.*

“There were so many different formats, from thick, bound volumes to pocket-sized portables, collectors editions with colorized photo plates hand-glued to covers, and so forth. Early Chinese films, which of course were in black and white, are a contrast to the magazine output of the time, which portrays a star-studded world in bright and riotous colors.”

And the Fonoroff collection contains so much more than magazines. The posters, lobby cards, photos, songbooks, and commemorative memorabilia enliven the world of Chinese film.

“It helps you imagine film culture from the perspective of a moviegoer, a consumer, a fan who is lovingly reading and collecting these articles and trinkets,” Horng explains. “And not just from the perspective of the critics and glitterati.”

Horng is living proof of the benefit to students and researchers around the world. As a grad student, Horng spent time collecting research

materials from film archives in Taipei, Hong Kong, and Shanghai, and appreciates the time and money required to acquire, preserve, and provide access to rare materials.

Through her work at the East Asian Library, Horng was able to meet Paul Fonoroff and get unique insights into the world of collecting. The Library partnered with the College of Letters and Science to bring Fonoroff’s collection to Berkeley, and the units plan to design programming to inspire more scholars to delve into the collection.

“This collection will help researchers imagine a broader material world around film titles, knowing that what was projected on the screen — the movie stars, all these stories — did not exist in a cultural vacuum,” says Horng. “There must be so many as-of-yet untold stories that this collection will reveal.” ■



# SOME TRULY REMARKABLE RESEARCHERS

THE 2017 CHARLENE CONRAD LIEBAU LIBRARY PRIZE FOR UNDERGRADUATE RESEARCH

*The creativity and scholarly rigor displayed by the winners of this year's Library Prize set the standard for excellence in undergraduate research. Here, we celebrate the students recognized. Read their papers at [lib.berkeley.edu/researchprize](http://lib.berkeley.edu/researchprize).*



## LEAH CHAVEZ

Lower Division  
Prize Winner

In *Miners Undermining Geology: The Gold-fueled Chokehold on the California Geological Survey of 1860*, Leah Chavez found that gold-mining interests effectively shut down the first California Geological Survey because of its heavy focus on things other than where to find gold. "As I trekked across campus, I began to understand just how interdisciplinary my research was," Chavez explains. "Aside from Bancroft and Main Stacks, I used materials from the Earth Sciences and Maps Library, the Biosciences Library, and the Institute of Governmental Studies Library."



## JUSTIN GERMAIN

Upper Division  
Prize Winner

Through his History thesis, *Housewives Save the City from the "Cement Octopus"! Women's Activism in the San Francisco Freeway Revolts, 1955-1967*, Justin Germain showed that deep research doesn't require travel. His research inspiration included bibliographies of books, library catalogs, the Oral History Center at The Bancroft Library, information from the US Census, and materials in several special collections. The research reveals significant relationships between women's political activism and urban development in the early 1960s.



## MICHELAINA JOHNSON

Upper Division  
Prize Winner

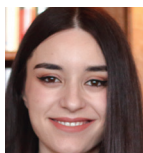
For her senior thesis, *Evading Dam-Nation: Land Use History of the Lower Cosumnes River Watershed, ca. 1820-2016*, Michelaina Johnson explored the real-world implications of research. Her Prize essay describes a "year-and-a-half long quest that led me to hiking through the largest oak riparian forest in California, to interviewing Central Valley farmers, visiting eight archives, and exploring the literary treasure troves of UC Berkeley's library system." Johnson is the second two-time winner in the history of the Prize; she was honored in 2015 as well.



## RAMON DE SANTIAGO

Upper Division  
Prize Winner

Ramon de Santiago did extensive research at Berkeley and at a shipwreck museum in Florida for *Across Three Oceans: Shipwrecks as Early Modern Globalism*, the thesis for his senior Art History seminar. He used materials in Spanish, German, and Portuguese to show that ivory carvings found in a shipwreck off Florida give evidence of global maritime trade between Ceylon (Sri Lanka) and New Spain (Mexico) in the 1600s. Santiago enjoyed the old-fashioned method for finding sources — "walk the stacks and see what we can find!"



## THEODORA SERBANESCU-MARTIN

Upper Division  
Prize Winner

Swooping from freeways to classical music, Theodora Serbanescu-Martin's senior thesis in Music is titled *Brahms's Piano Exercise Mode and the Politics of Friendship*. Her "original research [is] quite astonishing for an undergraduate," writes Associate Professor of Music History Nicholas Mathew. "Based on and inspired by a one-of-a-kind autograph fragment of a piano exercise, with a dedication to a female friend, by the German composer Johannes Brahms, held in the Hargrove Music Library."



## STEPHANIE CONG

Lower Division  
Honorable Mention

Before embarking upon research for *An Examination of Forced Marriages and Their Impact Under the Khmer Rouge*, "I had never even been inside most Berkeley libraries, let alone used research databases," Stephanie Cong explains. "This spirit of inquiry — rather than the pursuit of a perfect grade or GPA — is to me the essence of the best in research," writes Associate Professor of South & Southeast Asian Studies Penelope Edwards of the freshman scholar.



## JULIE LEE

Upper Division  
Honorable Mention

In her research for 따뜻한 서러움 (*Warm Grief: Uncanny Narratives of Trauma and Kinship in Oh Jung-hee's The Yard of Childhood*), Julie Lee made an important discovery about developing search terms: even a simple word can have multiple meanings that require changing one's search strategy. "I learned firsthand that searching for 'trauma' in various databases yields different results," Lee explains. "It sounds obvious, but I had not previously considered how bias appears even in search terms."



## BITA MOUSAVI

Upper Division  
Honorable Mention

In researching her senior thesis *'Victory or not, we believe this to be our duty: Pan-Islam in Early Revolutionary Iran*, Bitá Mousavi was inspired by her passion for post-revolutionary Iranian cinema. Mousavi effectively showed that Pan-Islamism, not sectarianism, was an original goal of the Iranian revolutionary generation. Her sophisticated use of the library catalog led her to discover little-known Iranian film journals and newspapers. "Rather than dismiss evidence, I recalibrated my research question," Mousavi explains.





TOP: CADE JOHNSON; MIDDLE: HARGROVE MUSIC LIBRARY; BOTTOM: CAL PERFORMANCES

# RARE SCORE COMES TO LIFE

MUSIC LIBRARY INSPIRES CAL PERFORMANCES

A unique manuscript in the Library was the basis for a spring performance at Zellerbach Hall — in which a version of an opera not heard for over 270 years came to life on stage. *Le Temple de la Gloire* dramatized a 1745 score from the Jean Gray Hargrove Music Library, which represents the original version of a collaboration by the French Baroque composer Jean-Philippe Rameau and the renowned philosopher Voltaire.

And the spring performance illustrates a more modern collaboration — by the Library and Cal Performances. “The scholarly holdings, intellectual prowess, and cultural practice of UC Berkeley are peerless. When various entities of this extraordinary institution collaborate, the students, first and foremost, are the winners,” says Matías Tarnopolsky, artistic and executive director of Cal Performances.

The *Le Temple de la Gloire* manuscript is one of many Library treasures that can inspire Berkeley students to explore new research directions and make new discoveries. Theodora Serbanescu-Martin (featured on page 8 as an Upper Division Library Prize Winner) used Library collections and librarian expertise to develop more specific research interests and, eventually, the focus of one of two honors theses.

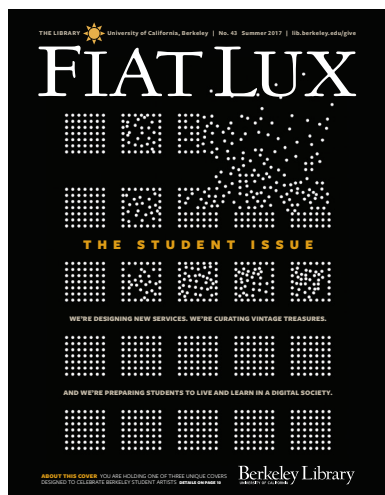
“My most exciting finding in the Music Library was a manuscript by Brahms: a two-sided leaf consisting of a piano exercise fragment and gift for one of his friends, which miraculously seemed to fit the train of my already developing research interests for an honors thesis topic,” explains the recent graduate with majors in Music and English and a minor in German Studies. “This provided new material for original research in an area of scholar-

*Continued on page 10*



# 3 FIAT LUX COVERS FEATURE CAL ARTISTS

Students working in the revamped fourth and fifth floors of Moffitt Library enjoy fresh inspiration in the original artwork adorning the walls. Each academic year, members of the Library Undergraduate Student Advisory Board select the half-dozen paintings, drawings, photos, and mixed media works created by UC Berkeley students and displayed in the Library. There were over 100 student submissions for the upcoming installation. In the spirit of The Student Issue, *Fiat Lux* celebrates this student work by featuring three pieces on three different covers.



*Dispersal*  
by Chutikarn (Proud) Cholsaipant '19  
Adobe Illustrator graphic

"I'm excited that people will be seeing my art and hope they will feel that tingly sensation I also feel when I ponder this piece."



*Swinging Sunrise*  
by Merritt Joujon-Roche '19  
Photography

"I wanted to frame the student and the campus in a unique way; the iconic Big C swing hovering over the sprawling cityscape and bay presented the perfect way to do this."



*Rhythm 1*  
by Stephanie Gomez '18  
Black ink, ink pen, white charcoal, glue

"I anticipate that *Rhythm 1* will invite students to approach the work and contemplate on its broad concept while at the same time become a window of tranquility during their time studying."

## *Music continued from page 9*

ship that focuses all too frequently on old, already-researched works and texts."

The Music Library collections today contain some 200,000 volumes of books and printed music, 50,000 sound and video recordings, and 30,000 microforms, in addition to extensive special holdings of manuscripts, rare materials, and archives.

A unique hybrid volume, the *Le Temple de la Gloire* manuscript consists of a lavishly printed libretto together with the score, bound together to serve as a souvenir for the first performance of the work in 1745. "This respectful, dedicated

collaboration created an opportunity for all our Berkeley community, and students in particular, to understand an important manuscript fully realized, as it was meant to be," Tarnopolsky says.

And an abundance of Library treasures are yet to be found. Says Serbanescu-Martin: "Just scrolling through the Music Library's catalog of manuscripts — with their many "unknowns" — and of special editions makes me realize how many other gems are waiting to be discovered and revealed to the world in eloquent, interesting ways by other curious undergrads." ■



# LIBRARY ADVISORY BOARD, 2017 -2018



PHOTO BY BRITTANY HOSEA-SMALL

*Annette and Tim Ryan are photographed on the fifth floor of Moffitt Library, which offers students sweeping views of the Memorial Glade.*

## WHY WE SUPPORT THE LIBRARY OF THE FUTURE

“We believe in and support the Library because we want all undergrads at Cal to have access to such an exciting study resource via the myriad ‘tools’ at their disposal,” explain Tim (’59, ’62) and Annette (’61) Ryan. The Ryans, who have both served on the Library Board, are strong supporters of the recent reimagination of Moffitt Library floors four and five, and the vision for a future Center for Connected Learning on the lower floors. They believe that through active, collaborative learning, all students will have the opportunity to develop research skills to succeed in their academic work and become lifelong scholars of the world. “It will feed students’ desire to continue toward levels of ever higher learning,” they say. “Our experience was in the Dark Ages by comparison!” ■

FIAT LUX, or LET THERE BE LIGHT, is the motto of the University of California. The *Fiat Lux* newsletter of the University Library is published quarterly by the Library Communications Office, University of California, Berkeley.

Your feedback and suggestions are warmly invited.  
You can reach us at [librarycommunications@berkeley.edu](mailto:librarycommunications@berkeley.edu)

Printed on recycled paper with soy-based ink.

UNIVERSITY LIBRARIAN and CHIEF DIGITAL SCHOLARSHIP OFFICER  
Jeffrey MacKie-Mason

DIRECTOR of COMMUNICATIONS  
Tiffany Grandstaff

GRAPHIC DESIGNER  
Alison Wannamaker

### PRESIDENT

Charlene C. Liebau ’60

### VICE PRESIDENTS

Paul D. Chapman

Jason Di Napoli ’90

### MEMBERS

Brad Barber ’68, JD ’71, *Chair, Friends of The Bancroft Library Council*

Janice Bea

Paul Churchill ’82, JD ’86

Carol Kavanagh Clarke ’60

Mollie P. Collins ’65, *Past President, LAB*

Charles B. Faulhaber, *Director Emeritus, The Bancroft Library*

John B. Gage ’75

Victoria L. George ’78, ’82

Richard Greene ’60, JD ’63

Marilyn A. Howekamp ’66

Carole Krumland ’67

John Maccabee

Jeffrey MacKie-Mason, *University Librarian & Chief Digital Scholarship Officer*

Alan C. Mendelson ’69

Susan Morris ’63

Peter Muñoz ’68, ’70

Harvey L. Myman ’70, ’92

Sheldeen G. Osborne ’61

Garry I. Parton ’86

Michael Roberts ’87

W. Timothy Ryan ’59, MBA ’62

Camilla M. Smith

Janet Stanford ’59

Miriam D. Starc ’83, JD ’86

George Starr, *Chair, Academic Senate Library Committee*

Susan R. Stutzman ’84

Elaine C. Tennant, *Director, The Bancroft Library*

Katharine Thompson ’48

Judy C. Webb ’60

Sheryl Wong ’67, ’68, *Past President, LAB*

Lesley G. Yearly ’85

Theo Zaninovich ’64

### LIBRARY SOCIETY MEMBERS

Annie Barrows ’84, *Author Trustee*

John Cummins

Shannon M. Drew ’50

Carl Franklin ’71

S. Allan Johnson ’62, ’69, *Past President, LAB*

J.R.K. Kantor ’57, ’60, *University Archivist Emeritus*

Watson M. Laetsch

Thomas C. Leonard Ph.D. ’73, *University Librarian Emeritus*

Raymond Lifchez MCP ’72

Rita Moreno, *Artist Trustee*

Robert G. O’Donnell ’65, ’66

Carolyn P. Paxton ’70

Roger Samuelsen ’58, JD ’64

Rishi N. Sharma ’02, JD ’05

Stephen M. Silberstein ’64, ’77

G. Stuart Spence ’52

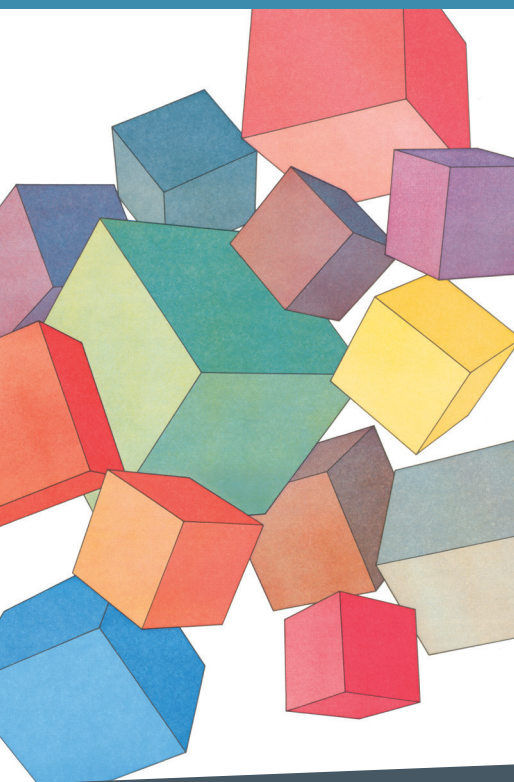
UNIVERSITY OF CALIFORNIA LIBRARY  
ROOM 132 DOE LIBRARY  
BERKELEY, CALIFORNIA 94720-6000

NONPROFIT ORGANIZATION  
U.S. POSTAGE  
**PAID**  
BERKELEY, CALIFORNIA  
PERMIT NO. 45

# EXHIBITS

## AT THE LIBRARY

LIBRARY EVENTS, EXHIBITS & HOURS can be found at [lib.berkeley.edu](http://lib.berkeley.edu)  
ALL ARE FREE AND OPEN TO THE PUBLIC.



### **NEW FAVORITES: COLLECTING IN THE BANCROFT TRADITION**

THE BANCROFT LIBRARY GALLERY  
THROUGH SEPTEMBER 1, 2017

The Bancroft Library presents an exhibition of recent additions to its major collections. Gold Rush-era memoirs and advertisements, early editions of William Langland and Jane Austen, and David Johnson's photographs of the African American community in San Francisco after World War II are but a few of the items featured. The exhibition showcases the Bancroft curators and their distinctive collecting practices, which expand the remarkable vision of library founder Hubert Howe Bancroft.

### **A COUNTRY CALLED SYRIA**

BERNICE LAYNE BROWN GALLERY, DOE LIBRARY  
THROUGH SEPTEMBER 22, 2017

This unique exhibition brings to life the history and heritage of Syrian culture from its ancient beginnings to the present civil war. The region that makes up the modern country of Syria is one of the oldest cradles of human civilization, and this exhibit highlights UC Berkeley's rich library collection on Syria along with cultural artifacts lent from elsewhere.

### **WOMEN WHO FIGURE: AN EXHIBIT INSPIRED BY THE MATHEMATICIANS OF HIDDEN FIGURES**

MATHEMATICS STATISTICS LIBRARY, 100 EVANS HALL  
THROUGH SEPTEMBER 14, 2017

Inspired by the book and film *Hidden Figures*, this exhibit focuses on the four women at its center and other women who have made important contributions to mathematics throughout history. The exhibit includes biographies about and books by these women — from Hypatia in 5th Century Alexandria to Maryam Mirzakhani in present-day America — as well as other books about African-Americans and women in mathematics from the Mathematics Statistics Library and other campus libraries.