

# Update on the destruction of the UCSC Science and Engineering Library collection

Michael Nauenberg  
Professor of Physics (emeritus)  
University of California  
Santa Cruz

April 13, 2017

**Executive Summary of the Long-Range Plan**  
**Submitted by Allan J. Dyson, University Librarian**  
**2010-2011**

The University Library has built one of the strongest staffs in the UC system, a staff unusually committed to close interaction with faculty and students.

During the past Summer the librarians withdrew 80,000 + volumes from the Science and Engineering library **without any meaningful consultation with faculty and students.**

In addition about half of the collection left consists of journals that are now on line and should have been removed

# **Excerpts of Report of the Commission on the Future of the UC Berkeley Library, October 2013**

**It is the Commission's view that **calls**  
to **cease** or **decrease** developing  
print collections in favor of “having  
access” are imprudent.**

**There is simply no great University without a  
great Library.**

**Currently our campus has a  
Science and Engineering library of a  
third class University**

[Opinion](#) > [Commentary](#)

## Montgomery: On UCSC's outrageous mass destruction of books

Librarians triaged 80,000 books to create—more room. Really.

www.

mercury.com/2016/12/24/montgomery-on-ucsc  
s-outrageous-mass-destruction-of-books

Over the summer, workmen removed most of the books from our Science and Engineering Library at the University of California at Santa Cruz. Roughly 80,000 books, worth between \$2-\$6 million were destroyed or shipped off campus to distant storage facilities.

The act was taken with virtually no faculty input.

In 1990, when I arrived to work at UCSC, I took pride in our Science Library.

By 2000 new journals were no longer displayed. By 2010 the journal room was gone, turned into a large study. We could no longer browse new journals.

After journals had been vanquished, the next enemy was clear: books.

At the beginning of this Fall quarter I entered the library. No books on the first floor. I walked up to the second floor, where the math and physics collection used to be. Nothing. No books.

In shock, I went down to talk to a librarian. “What happened to all the books? I’d heard some were left.”

He gave me a wan smile. “They’re in the basement.”

Down in the basement about half the original collection of math and physics books huddled dejectedly in a corner, valiant survivors.

I’ve since found that the phenomenon of shrinking and destroying university research libraries is international. But as we like to say here at UCSC, we are at the vanguard. Our head librarian prefers the word “de-duplicate” to “destroy”, “remove” or “shred”.

The rationale behind de-duplication? Space. Empty study space with desks for the flood of 600 additional students UC Santa Cruz was pressured to admit this Fall.

How did the library staff decide what books to de-duplicate? Data, analytics, the ubiquitous algorithm, devoid of a human element. If a book had not been touched, according to library data, in the last five years, then it went on their chopping list.

This rationality ignores the library’s clients: humans.

My friend Gildas, a biblical scholar, went to the Science library last week to consult an important book on ancient technologies. He had consulted the book several times before. Oops! De-duplicated.

Like me and many users of libraries, Gildas marks the place from which he takes a book and carefully reshelves it when he is done, saving the library staff reshelving work. The algorithm missed his book and now it is shredded or moldering in a distant storage facility.

A copy of Gildas's book does survive. At UCSF. Its survival now depends, like that of our entire de-duplicated collection, on the kindness of distant librarians.

No chance was given to students or faculty to buy the books. Millions of dollars of public property was destroyed. A long-standing and painstakingly collected archive was removed to solve a temporary space problem.

The library "lost" the list of the books which it de-duplicated, so we don't know which among them were rare or important. We are still waiting for the library staff to recover their list.

In the meantime: don't reshelve your books



# Upper floor













Dear Ms. Scott, (Science librarian)

Oct. 25/2016

Please send me a list of science faculty members who were consulted in the recent changes that have been made to our science library.

Thanks, Michael

Dear Professor Nauenberg,

Oct. 25, 2016

Christy Caldwell let me know she spoke with you about the science collection. We consulted with the following faculty and administrative groups:

- Administrative Leadership Team
- CoLaSC
- PBSci Department Chairs

It is also my understanding that Dean Koch sent out a communication because we received emails from faculty prior to the start of the project.

best,  
Kerry Scott  
AUL, Collections & Services

Dear Ms. Scott,                      Oct. 27, 1018

Thank you for your prompt response to my recent request for the names of science faculty who were consulted regarding the recent changes that have been made to our Science library. In your response, you stated that you consulted PSci Department Chairs. But I have contacted the Chair of our Physics department, Robert Johnson, who told me that **he had never been consulted by you**. Nor has any other member of our Physics dept. been aware, until the past few days, of the changes that you have made to our Physics collection in the Science Library  
**Please send us a list of all the Physics books and periodicals that have been removed from our previous collection in the Science library.** Indicate in this list whether these books have been either transferred to other UC libraries, or discarded, by adding the symbol "t" or \*d".

Sincerely,

Michael Nauenberg  
Professor of Physics (emeritus)  
University of California  
Santa Cruz, CA 95064  
cc, Professor Robert Johnson, Chair of the Physics Dept.  
PSci Dean Paul Koch  
Science Librarian Christy Caldwell

Elizabeth Cowell,                      Nov 1, 2016  
to John(Bono), Kerry (Scott), Robert(Johnson), Paul(Koch)  
Professor Nauenberg,

I am responding on behalf Kerry Scott. **There are no lists to share**. All of the titles removed from the Science & Engineering Library are available via ILL or online. Please send me the titles that you are unable to find that you need for your research.

Elizabeth Cowell



On Tue, Oct 25, 2016 at 11:48 PM, Max Claire <[max@ucolick.org](mailto:max@ucolick.org)> wrote:

Dear UCSC Library Colleagues,

It has come to my attention that the Science and Engineering Library has been “cleaning out” its collection of books in order to make interaction space available.

As Director of UC Observatories, I am concerned about what may have happened to books from the Lick Observatory that had been moved to the Science Library when the Lick faculty moved to UCSC from Mount Hamilton. I am told that there were many pre-1960s books on the shelves for check-out in the Science Library that originally came from Lick Observatory, including a number of over-sized books and chart collections, some of them quite precious, such as copies of Moon and other atlases, rare USGS reports, etc.

Can you please update me on the fate of these books and charts?

Many thanks,

Claire Max

Director, UC Observatories (including Lick Observatory)

From: Elizabeth Cowell <[mcowell@ucsc.edu](mailto:mcowell@ucsc.edu)>

Subject: Re: De-duplication at Science Library: Lick Observatory materials

Date: October 26, 2016 at 9:20:49 AM PDT

To: Max Claire <[max@ucolick.org](mailto:max@ucolick.org)>

Cc: Bolte Mike <[bolte@ucolick.org](mailto:bolte@ucolick.org)>, Tony Misch <[lo@tonymisch.net](mailto:lo@tonymisch.net)>, Smith Graeme <[graeme@ucolick.org](mailto:graeme@ucolick.org)>, Jason Nielsen <[jnielsen@ucsc.edu](mailto:jnielsen@ucsc.edu)>, Kerry Scott <[scottk@ucsc.edu](mailto:scottk@ucsc.edu)>

Dear Professor Max,

Thank you for your email. At the outset of the Science & Engineering Library consolidation project, we identified the Lick Library collection as material that would be better served in Special Collections. It is too valuable to be in open stacks. All titles are available in Cruzcat and available by request in Special Collections in McHenry Library.

Elizabeth

Dear Professor Nauenberg:

I write to formally acknowledge receipt of your request, received in our office on November 14, 2016, for the following information:

- "1. records of books transferred, destroyed, recycled, or removed in connection to the de-duplication effort in UCSC's Science Library*
- 2. records of books that were in the Science Library that were kept by UCSC*
- 3. records of "analysis of the data" as referenced in the second paragraph of the un-dated letter to Profs. Nielsen, Narayan, et al. found in appendix C at this URL: <http://senate.ucsc.edu/senate-meetings/agendas-minutes/2016-2017/2016-November-18-Meeting/1856%20-%200%20-%20Library%20resolution%20-%20Bundle.pdf>*
- 4. records of books that were in the Science Library that are duplicated within the UC system*
- 5. records of which books were transferred to which archive (i.e., JSTOR, UC Shared Print, Journal Archives of California (JACS), and the WEST archives)*
- 6. records of books in the Science Library before de-duplication*
- 7. records of books that remain in the Science Library now (i.e., post de-duplication)"*

A search for the information is underway. All records identified as responsive to your request will be reviewed, and made available for your access, in accordance with relevant law and University policy.

Although the requested records have not yet been fully gathered and reviewed, it is possible the requested material may contain information exempt from disclosure pursuant to the California Public Records Act (CPRA). However, this is not a determination that the information is necessarily exempt from disclosure.

We anticipate records will be available for inspection by January 20, 2017. Our office will contact you as soon as the records are assembled. While you may inspect the records on campus during a mutually convenient appointment time, please note that the University is entitled to charge for the cost of document duplication.

If you have questions concerning UCSC's implementation of the CPRA please feel free to contact Information Practices at [\(831\) 459-4003](tel:8314594003) or via email [pra@ucsc.edu](mailto:pra@ucsc.edu).

Sincerely,  
April Exner Nycum  
Information Practices Analyst



Hello Janet,

July 19, 2016

I recently got the details of weeding the S&E collection for expansion, and I am very curious as to the books to be withdrawn. I spent some good times looking at the old astro collections and other miscellaneous "unwanted" books, and I am adamant on getting to look through books sent for pulping.

To my understanding, any unused unique texts will go to NRLF, whereas books that are unused and have a few duplicates on WorldCat will be terminated. I want to look at some of these books and possibly keep (or buy) some. I look forward to hearing from you, and thanks for your time. Have a great weekend.

- Cameron (mckeen)

From: **Kerry Scott** <[scottk@ucsc.edu](mailto:scottk@ucsc.edu)>  
Date: Fri, Jul 22, 2016 at 6:35 PM  
Subject: Re: Science Library Project  
To: cam mackeen <[cmackeen@ucsc.edu](mailto:cmackeen@ucsc.edu)>

[Dear Cameron,](#)

I appreciate your request and I share the goal of preserving exactly the items you outline and have set-up the title review process to respect those criteria. I am sorry that I cannot accommodate your request.

best,

Kerry Scott

On Tue, Jul 19, 2016 at 1:41 PM, cam mackeen <[cmackeen@ucsc.edu](mailto:cmackeen@ucsc.edu)> wrote:

Hello Kerry,

I understand the sorting and review process is urgent because of the expansion plans for the S & E library, and I do not want to hinder your review process. My colleagues and I in the physics department simply want the opportunity to save any specific texts from withdrawal that we would take upon ourselves to keep. This includes obscure texts, journals and theses, as well as dated texts with antiquated insights.

I trust your team's review process, and sympathize with the various demands you must meet. The withdrawn texts are set aside to be pulped, and we want the chance to look through them, even if it is just a heap of books. We would schedule an hour a week to do so before recycle pick-up. In the last few years, I enjoyed perusing and picking neglected books off the shelf; I would be grateful for a final opportunity to do so. Thanks for your time and response, and I hope for your consideration of this favor.

Regards,

Cameron

On Tue, Jul 19, 2016 at 12:59 PM, Kerry Scott <[scottk@ucsc.edu](mailto:scottk@ucsc.edu)> wrote:

Dear Cameron,

Janet Young forwarded your inquiry to me. The Science & Engineering project is on an extremely tight timeline which precludes the possibility of accommodating requests to review titles selected for withdrawal. At this point, much of the S&E collection is still actively being reviewed and tagged for:

- local need onsite,
- availability within the UC and beyond,
- **need by library shared print archives** (JSTOR, UC Shared print, WEST shared print archive)

High use materials are being kept onsite for local use.

best,

Kerry Scott

From: Elizabeth Cowell <[mcowell@ucsc.edu](mailto:mcowell@ucsc.edu)>  
Date: Thu, Jun 9, 2016 at 9:40 AM  
Subject: Science Library news  
To: "[libstaff-group@ucsc.edu](mailto:libstaff-group@ucsc.edu)" <[libstaff-group@ucsc.edu](mailto:libstaff-group@ucsc.edu)>

Dear Libstaff,

I am writing to inform you of an important project underway at the Science & Engineering Library. With the end of finals, we are beginning a major consolidation of the collection which will clear the upper floor and allow us to add 200 additional seats throughout the library. This will begin to address the desperate need for study space on campus due to the increase in enrollment this coming fall and beyond.

More detailed information about the project can be found on this webpage linked to the "collections" tab from the Library home page at <https://library.ucsc.edu/news/se-library-stacks-project-summer-2016>.

[The Academic Senate Committee on Library and Scholarly](#) Communication has endorsed our plan as well as the Deans and EVC Alison Galloway. Kerry Scott and Sarah Troy are leading the work.

One of the **exciting results of our work** is that the annual Founders Day event will be held in the **cleared** space. **This is a one time only event that will help jump start our fundraising campaign to renovate the S&E Library.** A save the date message is going out next week for the event which is scheduled for October 22, 2016. I'm thrilled to have the opportunity to share our vision for the University Library at UC Santa Cruz with such a broad audience.

Our June all staff meeting is scheduled for Wednesday June 29 at 10am and will be entirely devoted to discussing the plans for S&E.

Elizabeth

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Elizabeth Cowell  
Richard L. Press University Librarian  
Presidential Chair  
University Library  
UC Santa Cruz

From: Elizabeth Cowell <[mcowell@ucsc.edu](mailto:mcowell@ucsc.edu)>

Date: Thu, Jun 9, 2016 at 9:40 AM

Subject: Science Library news

To: "[libstaff-group@ucsc.edu](mailto:libstaff-group@ucsc.edu)" <[libstaff-group@ucsc.edu](mailto:libstaff-group@ucsc.edu)>

Dear Libstaff,

I am writing to inform you of an important project underway at the Science & Engineering Library. With the end of finals, we are beginning a major consolidation of the collection which will clear the upper floor and allow us to add 200 additional seats throughout the library. This will begin to address the desperate need for study space on campus due to the increase in enrollment this coming fall and



# Resolution approved unanimously on Nov. 18

Be it resolved that the Santa Cruz Division of the Academic Senate:

Condemns the dramatic reduction of the print collection at the Science and Engineering Library without proper and timely consultation with the Committee on Library and Scholarly Communications (COLASC) and the affected faculty

Deplores the destruction of books from the Science and Engineering Library without an opportunity being given to members of the university or the public to save the books

Rejects the library's decision to choose which books to be discarded without seeking the opinion of the faculty in the affected departments, who have professional expertise in the relevant fields

Calls on the University Librarian to commit that such an action will not be repeated, and that the Academic Senate will be adequately consulted and the faculty informed before making significant changes to the on-campus collections and archives of the University Library

Calls on the University Librarian to provide the faculty with a list of books removed from the Science Library, and take steps to reacquire (in print or online form) those books that the faculty consider extremely important

Calls on the Chancellor and CPEVC to reaffirm the role of the University Library as a teaching and research library that is key to supporting faculty and student research as well as instruction.



Saws are whirring on an innovative project to reshape undergraduate science education. Construction crews are converting the Science & Engineering Library's S.H. Cowell Room into a 99-seat active learning classroom. The classroom, a first of its kind for our campus, is set to open next fall and is a significant first step in a multi-phased renovation for this library.

Much like the rejuvenation of the McHenry Library six years ago, the campus is looking to invest in our Science & Engineering Library so that it can meet the challenges of a larger student body and a campus community living in a digital age.

A reimagined Science & Engineering Library has been a priority in our [Campaign for UC Santa Cruz](#), and fundraising success will be instrumental in moving this project forward. The campus is taking a phased approach so that we can sooner increase study rooms and collaborative workspaces, add a café, information commons, and improve the infrastructure and more.

The classroom project highlights the library's potential and importance in our academic mission. Nearly three years in the making, it builds on a collaboration between the University Library and the Division of Physical and Biological Sciences, and is another example of our campus's extraordinary commitment to student learning and academic success.

Research has shown that active learning increases student success in science, engineering, and mathematics, and is often a better approach than large lectures. One [2014 study showed](#) that "average examination scores improved by about 6 percent in active learning sections and that students in classes with traditional lecturing were 1.5 times more likely to fail than were students in classes with active learning."

This project got its start two-and-a-half years ago, after UC Santa Cruz received a [\\$1.5 million grant](#) from the



Interim Campus Provost/Executive Vice Chancellor Herbert Lee



My background includes 16 years as a university librarian with a specialty in collection development. My own experience concerning the transfer and or destruction of library materials was that all parties concerned were involved in extensive discussions before any action was taken. **Was not this the case here ?**

Richard L, Press

Our Academic Senate has a Library Committee. They meet monthly, and we consult with them continuously about library objectives, strategy and policies concerning our collections and their management (as well as other issues of course).

Yours,  
Jeff MacKie-Mason  
University Librarian  
Chief Digital Scholarship Officer  
Professor, School of Information and Professor of Economics  
UC Berkeley



# Sample list of volumes withdrawn from S&E Library

Source: University of California Library

Purpose: Nauenberg 11/14/2016 CPRA request

## WITHDRAW

<u>w/d- not used or published in last 5 years OR not unique OR duplicated online</u>										
TITLE	Pub. Date	NRLF Duplicate	SRLF Duplicate	UC owned	World owned	INTL_USE	high browse (1 per yr) since pub date	end year for internal use calc.	L- Out	LCHKIN
Brush management : past, present, future / edited by Wayne T. Hamilton [and others].	2004			4	manual search	1	12	2016		
Albert Einstein and the cosmic world order.	1965	nrlf		6	826	3	51	2016		
Einstein, profile of the man.	1962			4	582	2	54	2016		
Subtle is the lord-- : the science and life of Albert Einstein / Abraham Pais.	1982	nrlf		8	2228	5	34	2016		
The young Einstein : the advent of relativity / Lewis Pyenson.	1985	nrlf	srlf	6	450	4	31	2016		
Albert Einstein : an intimate portrait / by Solomon Quasha.	1980	nrlf		1	102	7	36	2016		
Einstein : a life in science / Michael White and John Gribbin.	1994	nrlf		3	1134	3	22	2016		
The correspondence of Michael Faraday / edited by Frank A.J.L. James.	1991	nrlf		6	215	0	25	2016		
Michael Faraday : Sandemanian and Scientist : a study of science and religion in the nineteenth century.	1991			2	105	0	25	2016		
Michael Faraday : a biography.	1965	nrlf		8	998	2	51	2016		
The origins of field theory / [by] L. Pearce Williams.	1966		srlf	4	374	2	50	2016		
The beat of a different drum : the life and science of Richard Feynman / Jagdish Mehra.	1994	nrlf		7	972	6	22	2016		
Tuva or bust! : Richard Feynman's last journey / Ralph Leighton.	1991		srlf	5	657	2	25	2016		
Pendulum : L'Œon Foucault and the triumph of science / Amir D. Aczel.	2003	nrlf		7	1266	0	13	2016		
Benjamin Franklin's science / I. Bernard Cohen.	1990	nrlf		6	705	0	26	2016		
The George Gamow symposium : sponsored by the George Washington University and the Carnegie Institution of Washington, 12 April 1997 [i.e. 1996] / edited by E. Harper, W.C. Parke, and G.D. Anderson.	1997	nrlf		3	80	0	19	2016		
Josiah Willard Gibbs : the history of a great mind.	1951	nrlf	srlf	4	342	1	65	2016		
Stephen Hawking : a life in science / Michael White and John Gribbin.	1992	nrlf		4	1621	1	24	2016		
Heisenberg in the atomic age : science and the public sphere / Cathryn Carson.	2010			6	275	0	6	2016		



**Librarian criteria** for **withdrawing** books  
from the S&E collection:

Not published or used in the last 5 years,  
or not unique, or duplicated on line

The list of **withdrawn** volumes provided  
consists of 6190 pages with about 23 volumes/page for  
a total of **140,507 volumes**

**But according** to the Academic Senate Committee on the  
Library and Scholarly Communication, only about **80,000**  
**volumes** were withdrawn from the S&E library

The list provided by the librarian,  
and circulated to the faculty,  
consists of **all** the volumes  
**previously** in the S&E library.

It is not a list of withdrawn  
volumes!!



# Physics Books in Withdrawn List Still in the Library(Green)

6 Non equilibrium superconductivity/ edited by V.I. [Ginzburg](#) [srlf](#)  
[QC1.A4114v.174](#)

6 Invariants and the evolution of nonstationary states/ edited by  
M.A. [Markov](#) [nrlf](#)  
[QC1.A4114 v.193](#)

7 Theory of plasmas/ translated from Russian by Julian B.  
Barbour [nrlf,srlf](#)  
[QC1.A4114 v.61](#)

12 Einstein symposium, Berlin/ edited by H. [Nelkowski](#) [nrlf, srlf](#)

29 Selected topics in particle physics/ edited by J. [Steinberger](#) [srlf](#)

30 Critical phenomena/ edited by M.S. [Green](#) [srlf](#)

30 Physics and astrophysics of neutron stars and black holes/edited  
by [Giacconi](#) and

30 Developments in high energy physics/edited by R. [Gatto](#) [srlf](#)

31 Quantum chaos/ edited by [Casatti](#), [Guarnery](#) and [Smilansky](#) [nrlf](#)

32 The birth of a new physics/ by I.B.[Cohen](#) [nrlf, srlf](#)

34 Regular and chaotic motion in dynamic systems/edited by  
G.[Velo](#) and A.S.[Wightman](#) [nrlf](#)

35 Mach's principle: from Newton's bucket to quantum gravity/  
edited by Julian Barbour, Herbert [Pfister](#)

36 Introduction to the physics of fluids and solids/ J. [Trefil](#) [nrlf](#)

37 Faust in Copenhagen: a struggle for the soul of physics/Gino  
Segre 2007 [nrlf](#)

37 Great men of physics, the humanistic element in scientific  
work/Emilio Segre [nrlf,srlf](#)

38 Fluid dynamics/ed. R.[Balian](#) [nrlf,srlf](#)

40 Niels Bohr: a centenary volume  
/ edited by A.P.[French](#) and P.J. [Kennedy](#), [nrlf](#)

40 My life: recollections of a Nobel prize laureate /Max Born

40 Tributes to Paul Dirac/edited by J.G. [Taylor](#) [nrlf](#)

40 Disturbing the Universe/Freeman [Dyson](#) [nrlf](#)  
[QC16.D95A331878b](#)

40 Albert Einstein: chief engineer of the Universe/edited by J.[Renn](#)

40 The Einstein file:J.[Edgar Hoover](#)'s secret war /Fred [Jerome](#) [nrlf](#)

41 Einstein, physics and reality/J.[Mehra](#) [nrlf](#)

41 Einstein and Oppenheimer: the meaning of genius/Silvan  
Schweber

41 Autobiographical notes/by Albert Einstein. Translated by P.A.  
Schilpp [nrlf](#)

41 Albert Einstein: the human side: new glimpses from his archive/  
H.[Dukas](#) and B. [Hoffman](#) [nrlf](#)

42 Subtle is the Lord: the science and life of Albert Einstein/ A  
Pais [nrlf](#)  
online

42 The correspondence of Michael Faraday/ edited by Frank James  
[nrlf](#)  
[QC16.F2A4 1971 v.1,v.2](#)

42 The beat of a different drum: the life and science of R.  
Feynman/J [Mehra](#) [nrlf](#)

42 Tuva or bust: Richard Feynman's last journey/R. [Leighton](#) [srlf](#)  
[QC16.F49L452000](#)

42 Benjamin Franklin's science/ I.B. [Cohen](#) [nrlf](#)

42 Josiah Willard Gibbs: the history of a great man [nrlf](#)  
[QC16G5W45](#)

42 Stephen Hawking: a life in science/M.[White](#) and J.[Gribbin](#) [nrlf](#)  
[QC16.H33W452002](#)

42 Heisenberg in the atomic age: science and the public sphere/C.  
Carson  
[QC16.H35 C37 2010](#)

43 Heisenberg's war: the secret history of the German bomb/ T.  
Powers. [nrlf](#)

43 Uncertainty: the life and science of Werner Heisenberg/D.C.  
Cassidy

43 Inner exile: recollections of a life with W.  
Heisenberg/Elizabeth Heisenberg [nrlf](#)

43 Joseph Henry, his life and work [nrlf, srlf](#)

43 Sir James Jeans, a biography [nrlf,srlf](#)

43 Das marchen vom Elfenbeinernen Turn

43 Kapitza, Rutherford and the Kremlin/ Lawrence [Badash](#) [nrlf,](#)  
[srlf](#)



# Sample of **unique** books (not owned by any other UC library) that were withdrawn

## WITHDRAW

w/d- not used or published in last 5 years OR not unique OR duplicated online										
TITLE	Pub. Date	NRLF Duplicate	SRLF Duplicate	UC owned	World owned	INTL_USE	high browse (1 per yr) since pub date	end year for internal use calc.	L- Out	LCHKIN
Synopsis of the fishes of North America / By David S. Jordan and Charles H. Gilbert.	1882		srlf		manual search	2	134	2016		
The mechanics of the earth's atmosphere / A collection of translations by Cleveland Abbe. [Second Collection].	1891		srlf		manual search	0	125	2016		
Smithsonian geographical tables.	1894		srlf		manual search	0	122	2016		
A select bibliography of chemistry, 1492-1892 / By Henry Carrington Bolton.	1893	nrlf			manual search	0	123	2016		
Synopsis of the Neuroptera of North America.	1861	nrlf			manual search	2	155	2016		
Synopsis of the described Lepidoptera of North America. : Part I-Diurnal and crepuscular Lepidoptera / Comp. for the Smithsonian institution, by John G. Morris.	1862	nrlf			manual search	1	154	2016		
The Smithsonian institution: documents relative to its origin and history. 1835-1899.	1901		srlf		manual search	0	115	2016		
A catalogue of North American Diptera (or two-winged flies).	1905	nrlf			manual search	0	111	2016		
...Researches on the attainment of very low temperatures. : Part II.-Further notes on the self intensive process for liquefying gases / by Morris W. Travers ... and in part by A. G. C. Gwyer, B. 8C., and F. L. Usher.	1906				15	1	110	2016		
Five new recent crinoids from the north Pacific Ocean / by Austin Hobart Clark.	1908				54	0	108	2016		
A new species of Cavolina with notes on other pteropods / by William H. Dall.	1908				50	0	108	2016		
Cambrian geology and paleontology / by Charles D. Walcott.	1910		srlf		manual search	0	106	2016		
Bibliography of aeronautics.	1966		srlf		manual search	0	50	2016		
Smithsonian physical tables.	1910	nrlf			manual search	0	106	2016		
Bibliography of the geology and mineralogy of tin / by Frank L. Hess and Eva Hess.	1912	nrlf	srlf		manual search	0	104	2016		



# Partial list of journal collections left in the S&E library

Bulletin of the United States Geological Survey 1885-1987	42	Audubon 1899-2013	6.5
Nature 1869-2005	29	International Seismological Center	6
Biochemical Journal 1914-2012	26	Faraday Society 1937-1971	6
American Medical Association 1966 -2016	25	Entomological Society of America 1939-2003	6
Journal of Bacteriology 1930 -2003	23	Electroencephalography and Clinical Neurophysiology	6
Journal of Fluid Dynamics 1956-2009	21	American Mathematical Society 1912-1985	6
Frog Anatomy 1896-	17	Journal of Economic Entomology 1960-2003	5.5
Cancer Research 1978-2010	16	Journal of Differential Equations 1965-1998	5.5
American Journal of Psychiatry 1921-2012	14	Journal of Antibiotics 1980-2010	5
Vogue 1944-2012	14	Geophysics 1969 -2009	5
International Journal of Modern Physics A 1991-2017	12	Reports on Progress in Physics 1973-2012	5
US National Cancer Institute 1959-2002	11.5	Advances in Chemical Physics 1958-2010	5
Progress of Theoretical Physics 1946-2016	10	Optical Engineering 1993-2005	5
Chemical Engineering News 1969-2001	10	Optics and Spectroscopy 1951-1991	4.5
American Mathematical Society 1950-2010	9	Soviet Journal of Nuclear Physics 1965-1992	4
Gastronomica 2001-2009	9	Advances in Physics 1952-2006	4
Canadian Journal of Zoology 1987-2006	9	Journal of Clinical Psychology 1945-1996	4
Genes and Development 1987-2016	9	World Oil 1970-2003	4
Astrophysics and Space Sciences 1968-1999	9	Fresh water and marine aquarium 1936-2010	3.5
Biology of Reproduction 1969-2002	9	Environmental Entomology 1972-2003	3.5
Review of Scientific Instruments 1930-2004	9	Soil Science Society of America 1995- 2012	3
Federation of American Societies for Experimental Biology	9	America Forestry 1916-1959	3
Proceedings 1942-1987	8	American Forest 1960- 2015	3
Mathematische Zeitschrift 1922-1988	8	Foundations of Physics 1970-1999	3
Biology of Reproduction 1969-2002	8	Superconducting Science and Technology 2004-2016	3
Marine Biology 1867-2004	8	Journal of Hydraulic Engineering 1983-2004	2.5
Physical Review E 1953-2003	7.5	European Journal of Physics 1980- Jan. 2016	2
Tectonophysics 1964-1995	7	High Temperature and Pressure 1971-1988	2
Initial Report of the Deep Sea Project 1968-1991	7	Journal de Physique 1991-1996	
Proceedings of the Ocean Drilling Program 1985 -2006	7	Acoustical Society of America 1929 -1996	
Journal of the Marine biological association 1887-2009		Contemporary Physics 1959-2006	



# Vogue journals left on stacks in S&E library





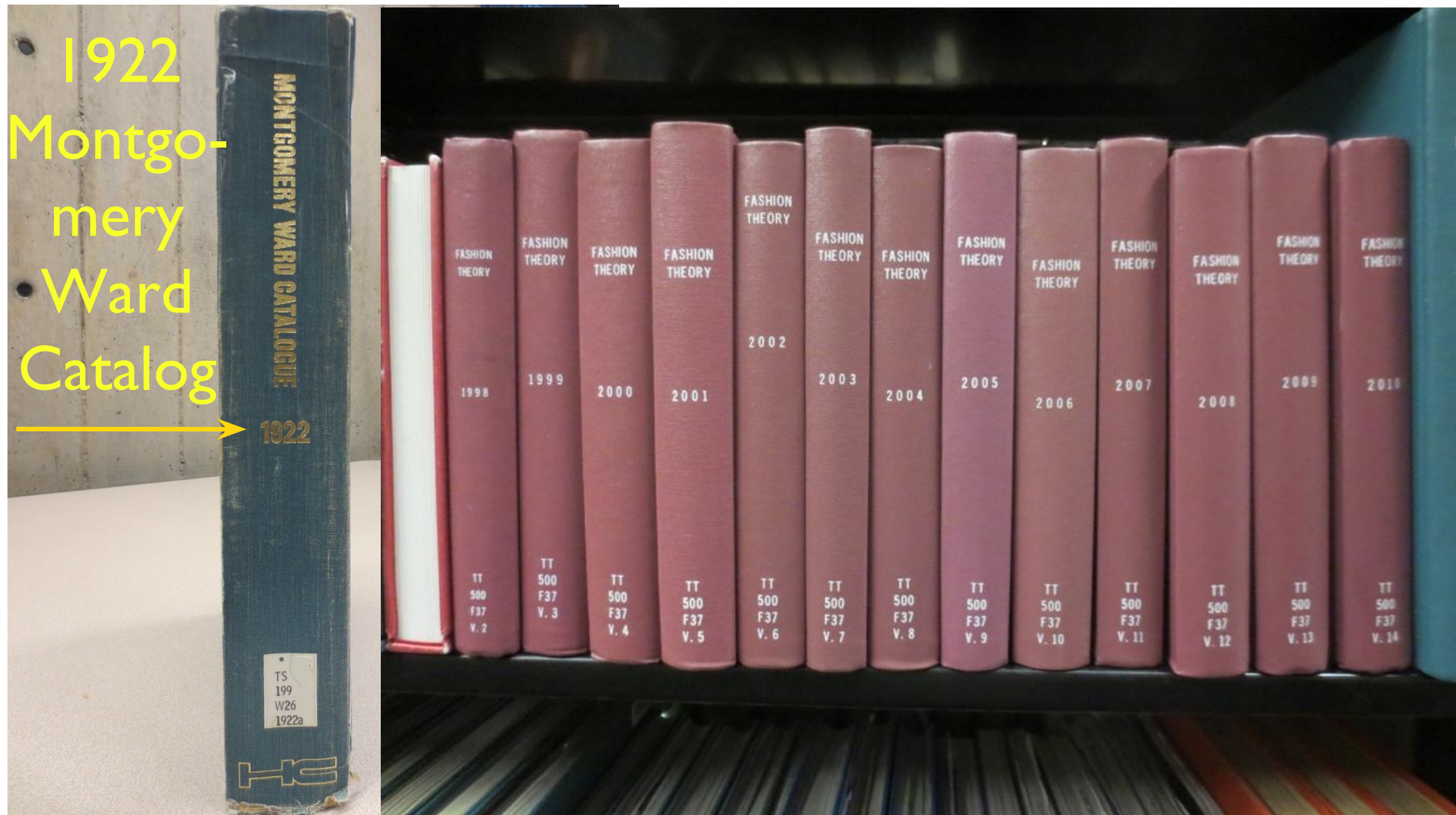


Vogue journals  
left in S&E library stacks

14 rows  $\times$  (20 volumes/row)  
=280 volumes

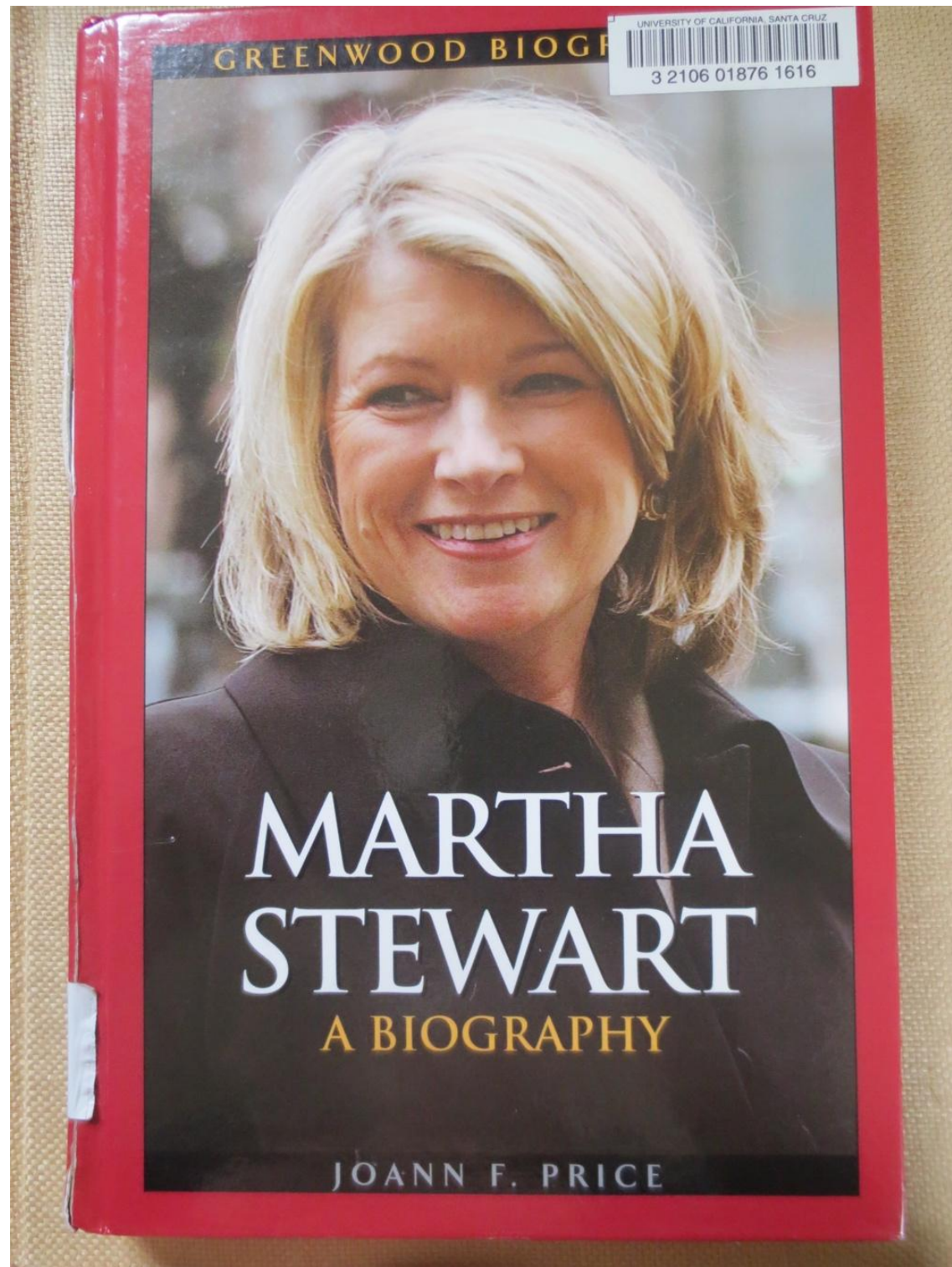


# Fashion Theory journals left in S&E stacks

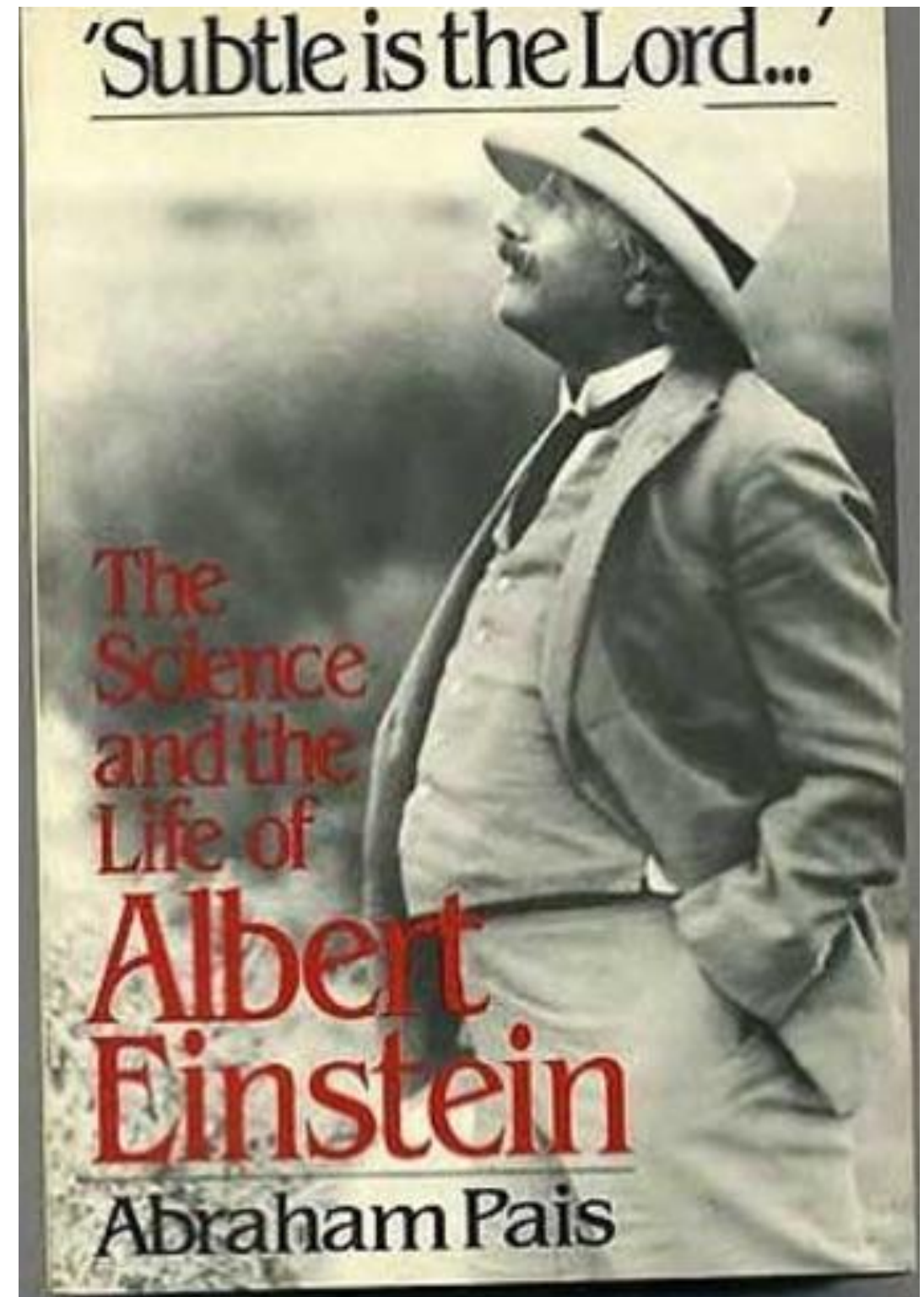




Book kept in S&E stack

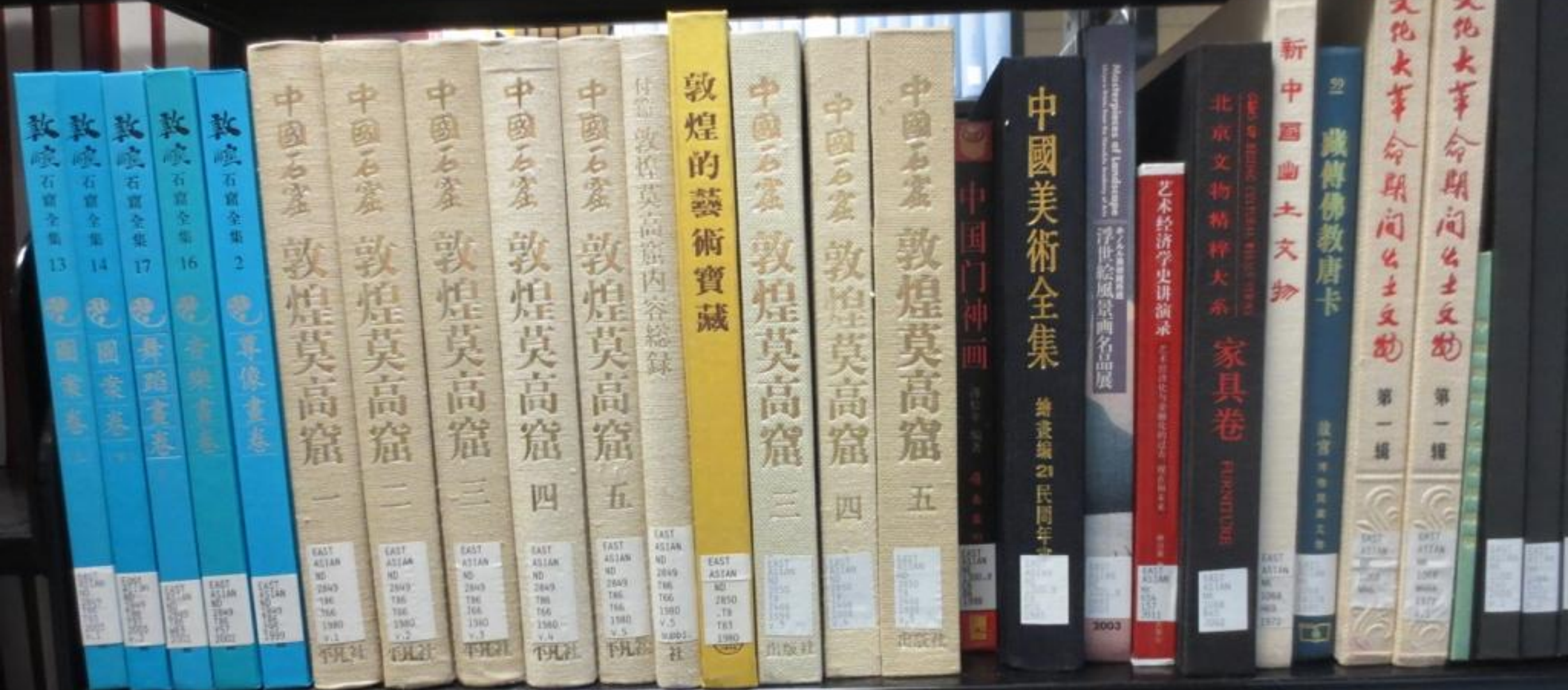


Book withdrawn (shredded)





# East Asian collection 3 stacks



to bookreserves, bcc: me

Thank you Gillian. I'm not sure if that book is in print anymore.

I know it wasn't your decision, so the following is for the head of the library and feel free to forward this to her, it needs to be heard. The cost of replacing all the destroyed books is staggering, as science and engineering books are more expensive than ever now. I'm floored that a book that I placed on reserve at least six times over the years was destroyed. I would've been happy to keep that book and many others. The book destruction was a huge loss of knowledge, resources, and a lot of the materials are likely irreplaceable.

At any rate, thank you for getting my reserve list ready, I submitted it a little late, last week I believe.

Scott

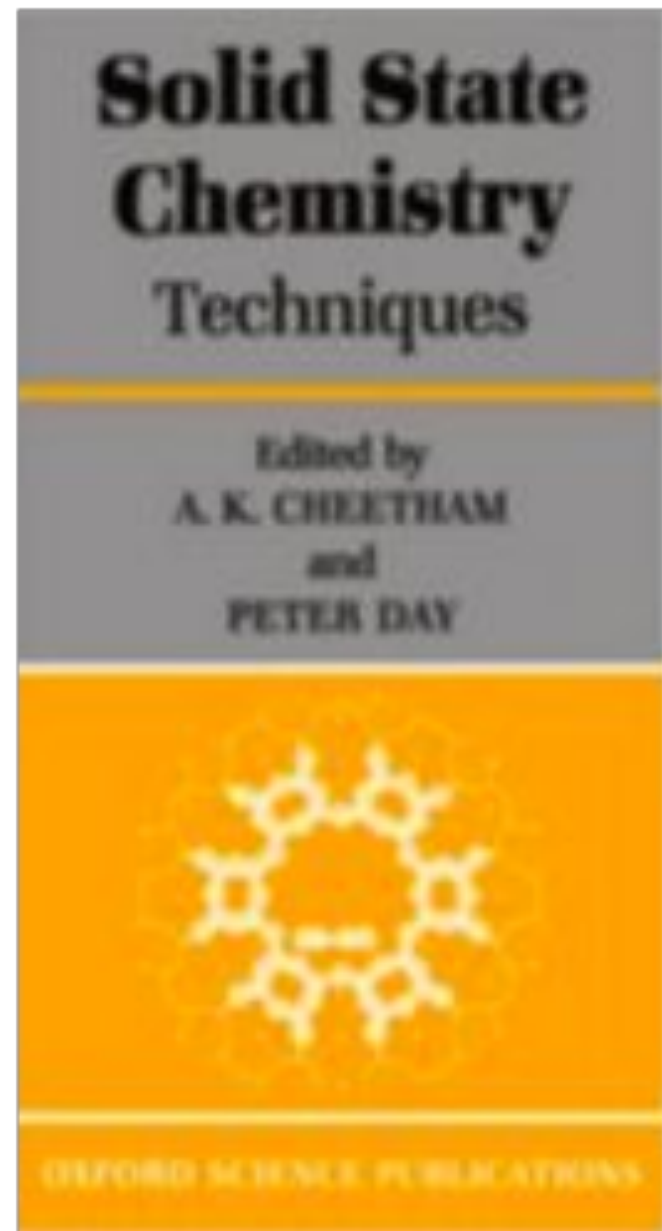
On Fri, Mar 17, 2017 at 8:45 AM, Library Book Reserves <[bookrese@ucsc.edu](mailto:bookrese@ucsc.edu)> wrote:  
Professor Oliver,

The reserves unit is happy to purchase any titles that need to be placed on reserve for your class. I will be working through your list shortly and will make sure we have all titles available to your students by the start of spring quarter.

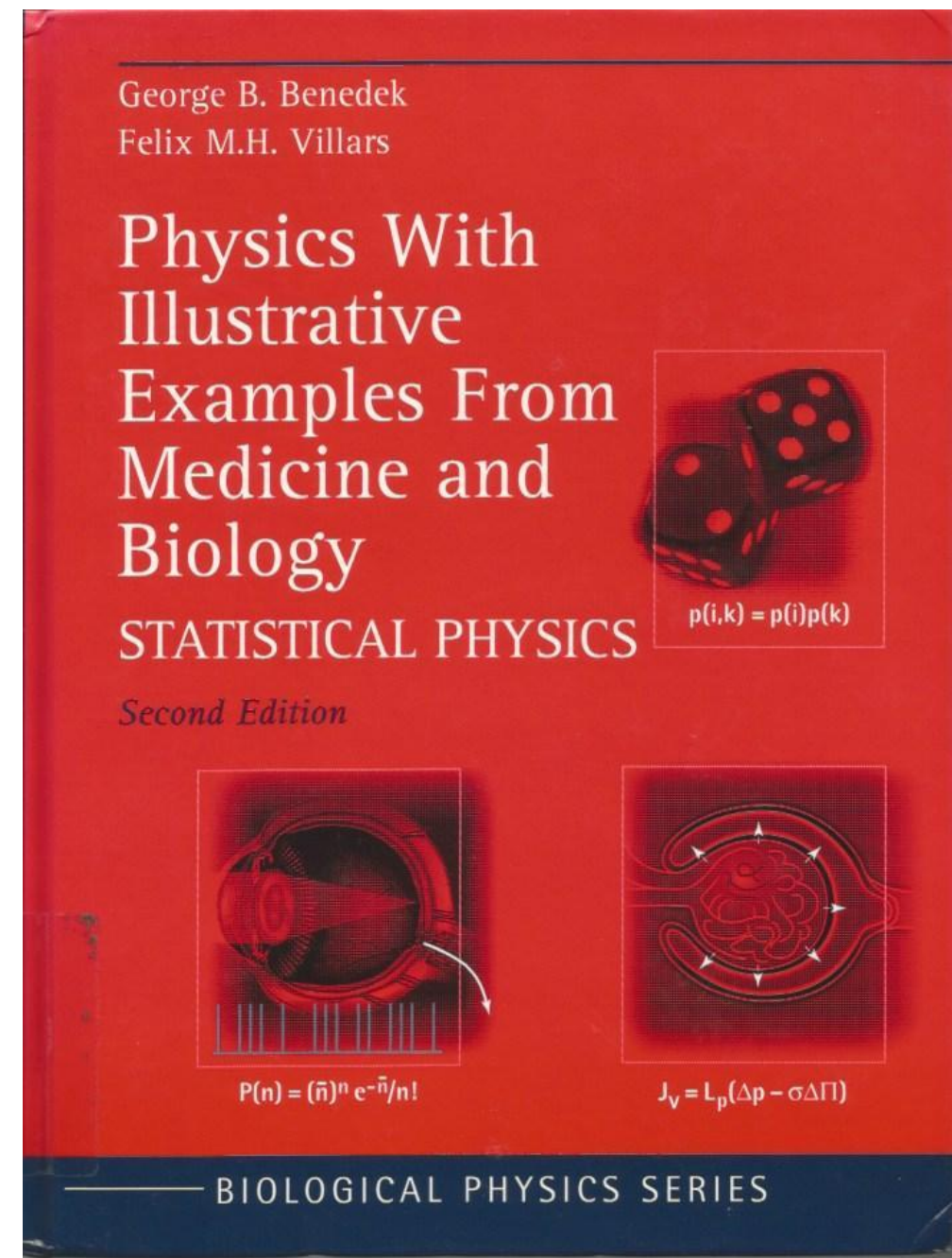
Best,

Gillian Keleher  
Reserves Supervisor





\$ 110



\$145

$35 \text{ stacks} \times (1,200 \text{ volumes/stack}) = 42,000 \text{ volumes}$





# ~~Founders~~ Celebration Dinner

## Description:

Please join us at Founders Celebration 2016 for a look into the library as a "collision space" where technology, information, and ideas collide to create new knowledge and support dynamic exploration. This is an exclusive opportunity to celebrate and mingle in a special campus location that symbolizes both the excitement of change and the tradition of learning.

The evening will include a reception, dinner, and program.

## Tickets:

Individual tickets: \$195 each

Deluxe package: \$1,000 (2 dinner tickets and a commemorative print of the UC Santa Cruz campus)

Purchase a table: \$1,950 (10 seats)



## Event dates:

10/22/2016 - 6:00pm



Saws are whirring on an innovative project to reshape undergraduate science education. Construction crews are converting the Science & Engineering Library's S.H. Cowell Room into a 99-seat active learning classroom. The classroom, a first of its kind for our campus, is set to open next fall and is a significant first step in a multi-phased renovation for this library.

Much like the rejuvenation of the McHenry Library six years ago, the campus is looking to invest in our Science & Engineering Library so that it can meet the challenges of a larger student body and a campus community living in a digital age.

A reimagined Science & Engineering Library has been a priority in our [Campaign for UC Santa Cruz](#), and fundraising success will be instrumental in moving this project forward. The campus is taking a phased approach so that we can sooner increase study rooms and collaborative workspaces, add a café, information commons, and improve the infrastructure and more.

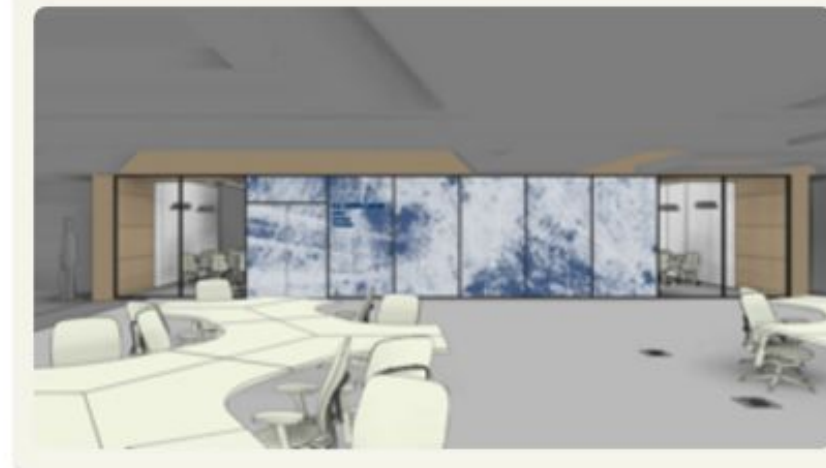
The classroom project highlights the library's potential and importance in our academic mission. Nearly three years in the making, it builds on a collaboration between the University Library and the Division of Physical and Biological Sciences, and is another example of our campus's extraordinary commitment to student learning and academic success.

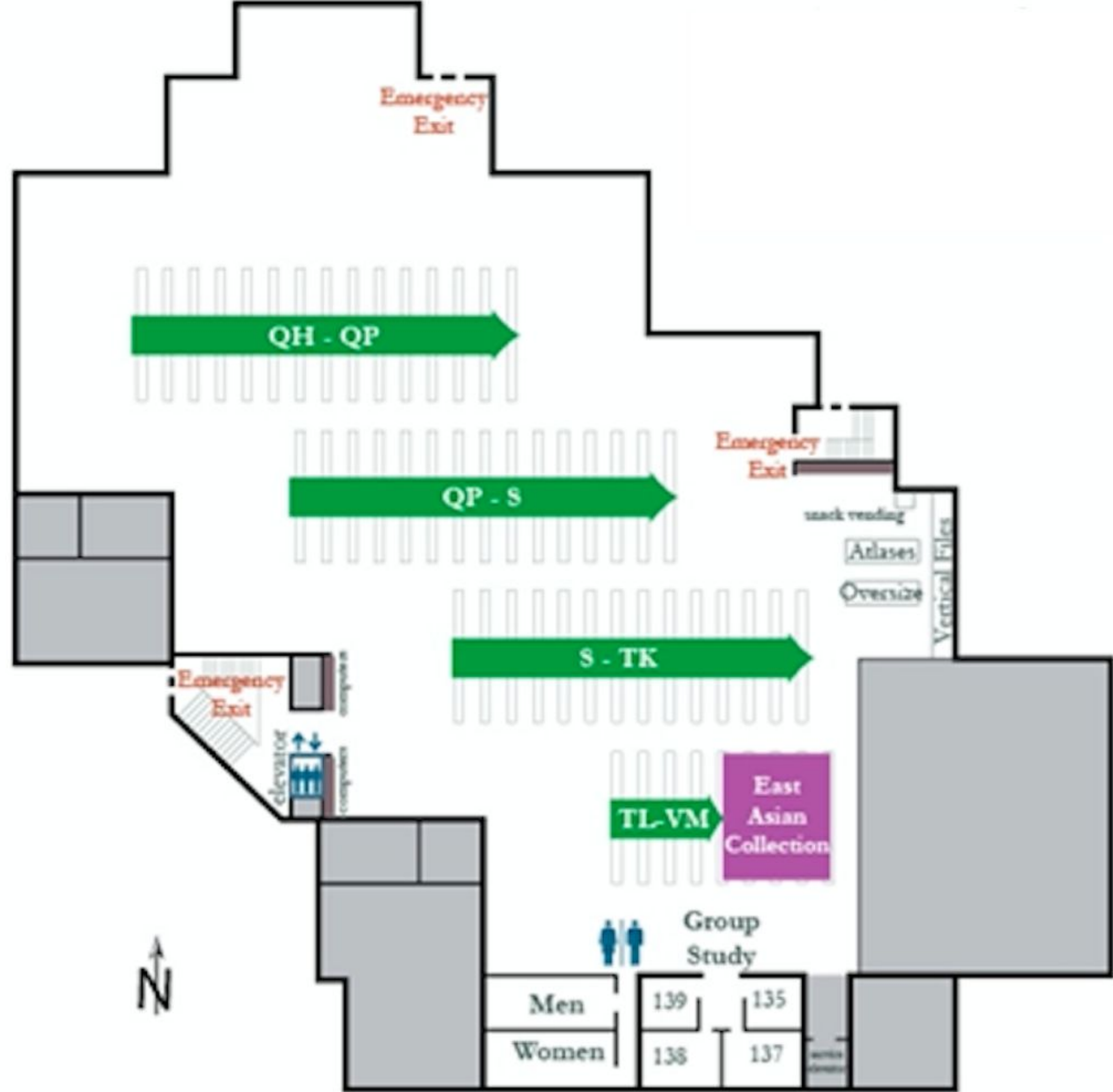
Research has shown that active learning increases student success in science, engineering, and mathematics, and is often a better approach than large lectures. One [2014 study showed](#) that "average examination scores improved by about 6 percent in active learning sections and that students in classes with traditional lecturing were 1.5 times more likely to fail than were students in classes with active learning."

This project got its start two-and-a-half years ago, after UC Santa Cruz received a [\\$1.5 million grant](#) from the

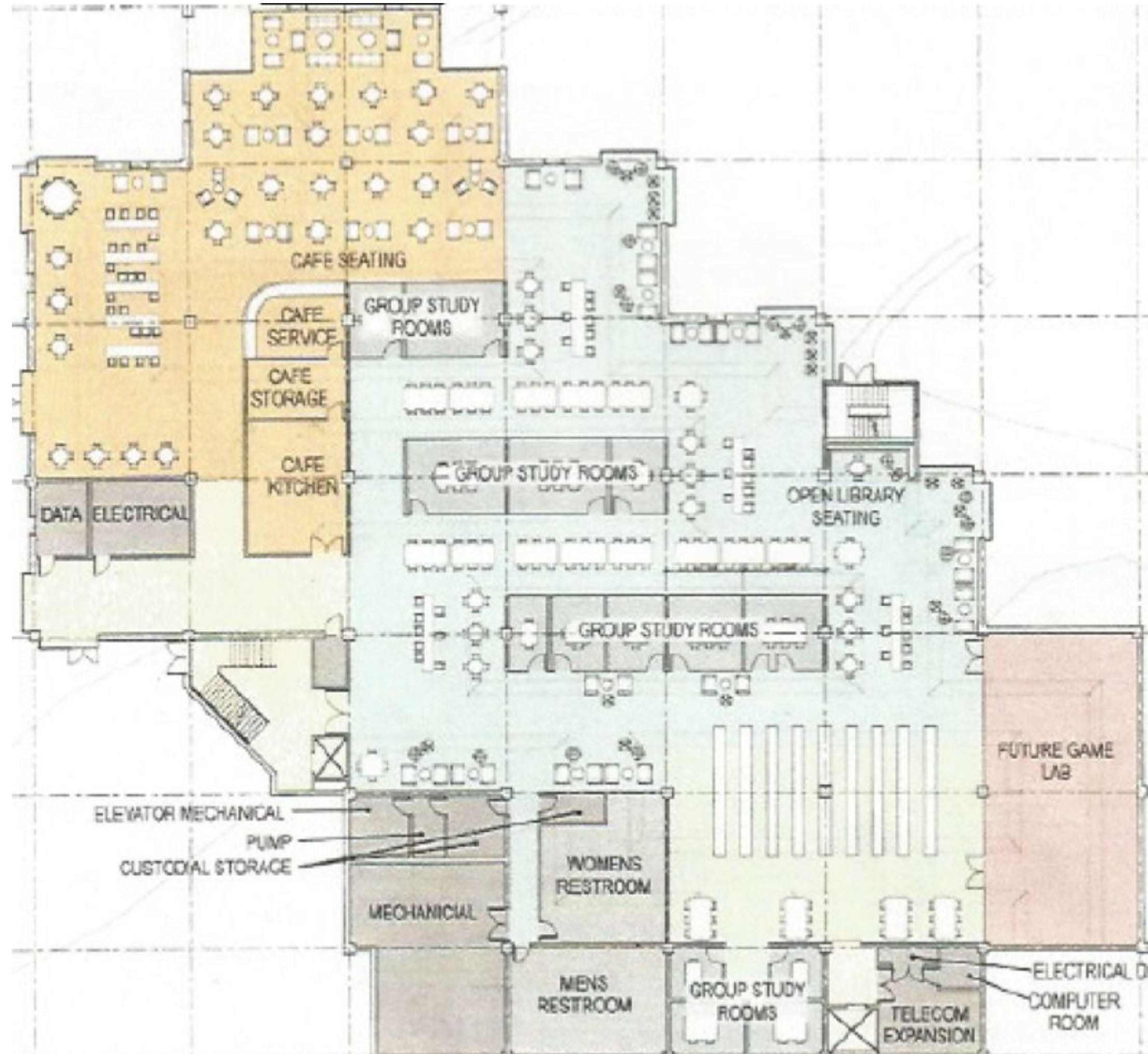


Interim Campus Provost/Executive  
Vice Chancellor Herbert Lee

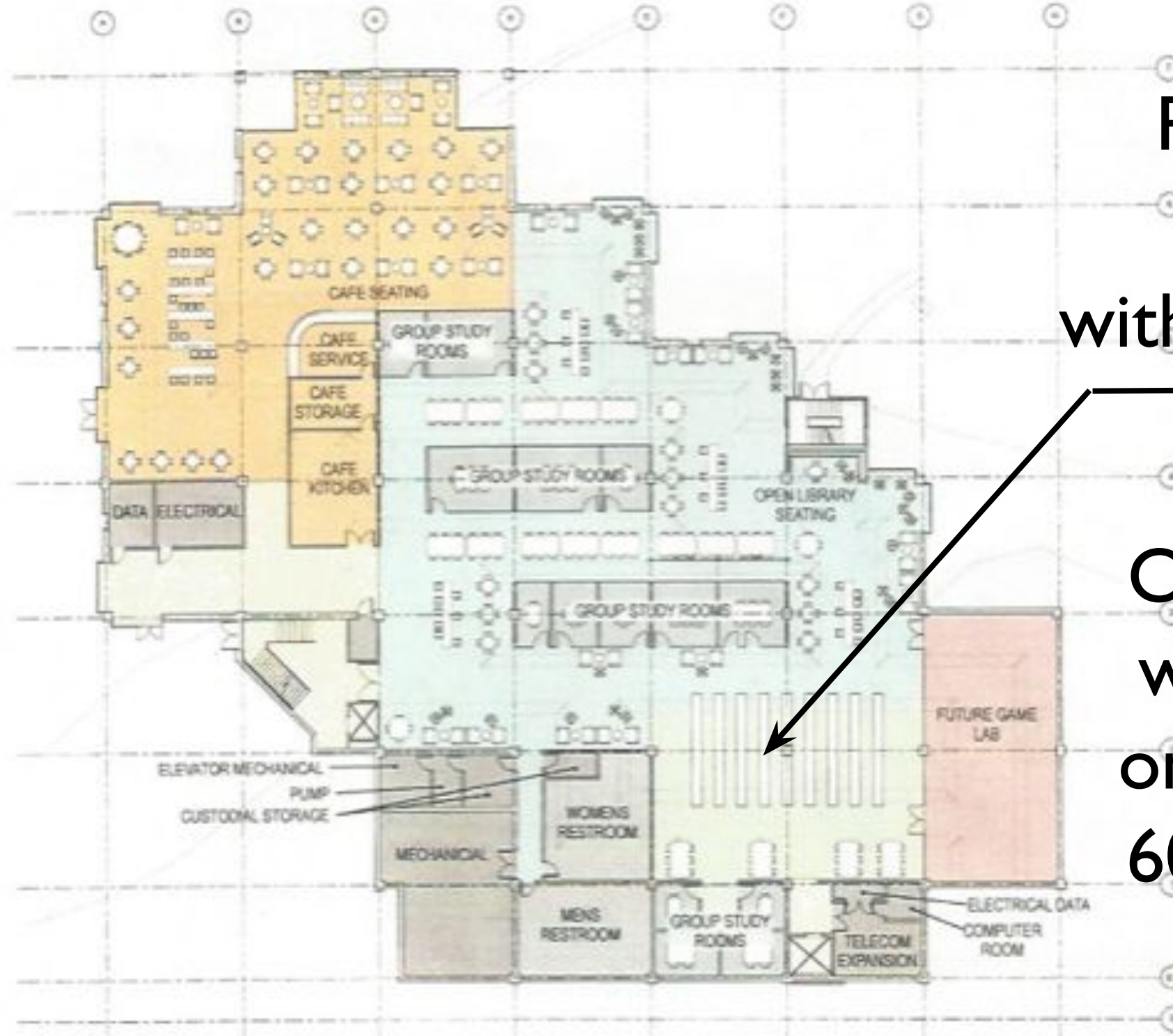












Proposed lower level floorplan with 9 book stacks

Originally there were 55 stacks on this level and 60 stacks in top floor

Currently there are 34 stacks on this level

PROPOSED LOWER LEVEL PLAN

Lower Level Seating Count				
Room Name	Lounge Seating	Table Seating	Other	Notes
Cafe	38	125		
Group Study Rooms	0	66		
General Library Seating	59	182		
Total Seating	97	426		
<b>Total Lower Level Seating</b>	<b>484</b>			

# Science & Engineering Library UC Santa Cruz

## Upper Level

call numbers

G-GE • Q-QE

- *Quiet Study Floor*
- [Group Study Rooms](#)
- Rest Rooms

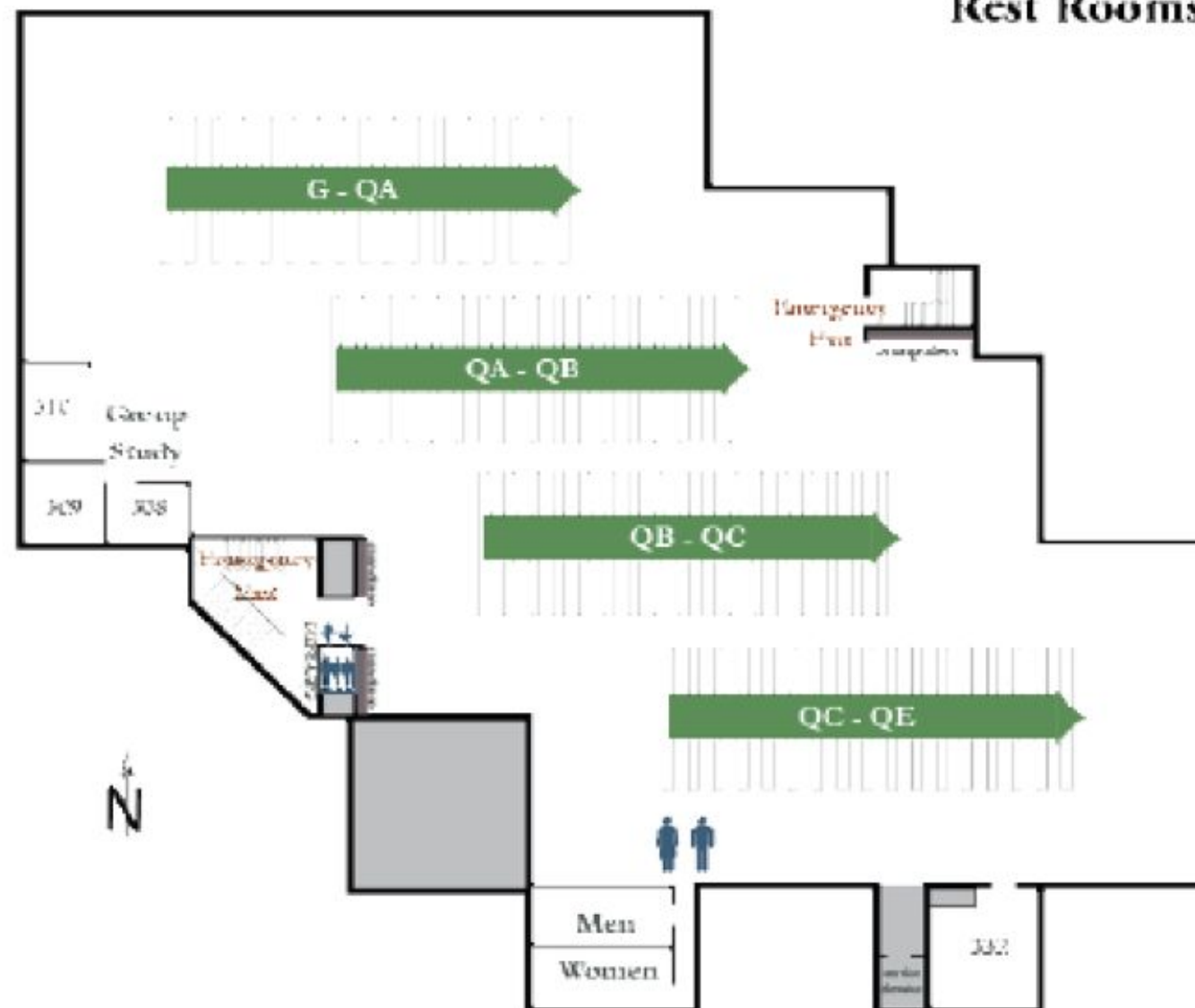
## Upper Level

call numbers

G-GE • Q-QE

*Quiet Study Floor*  
Group Study Rooms  
Rest Rooms

60 stacks



updated April 2018

S&E Upper Level



# Science & Engineering Library UC Santa Cruz

## Lower Level

call numbers

QH-QR • R • S

T-TP • TS-TX • U • V

Oversize Atlases

East Asian Collection

Group Study Rooms

Rest Rooms

55 stacks

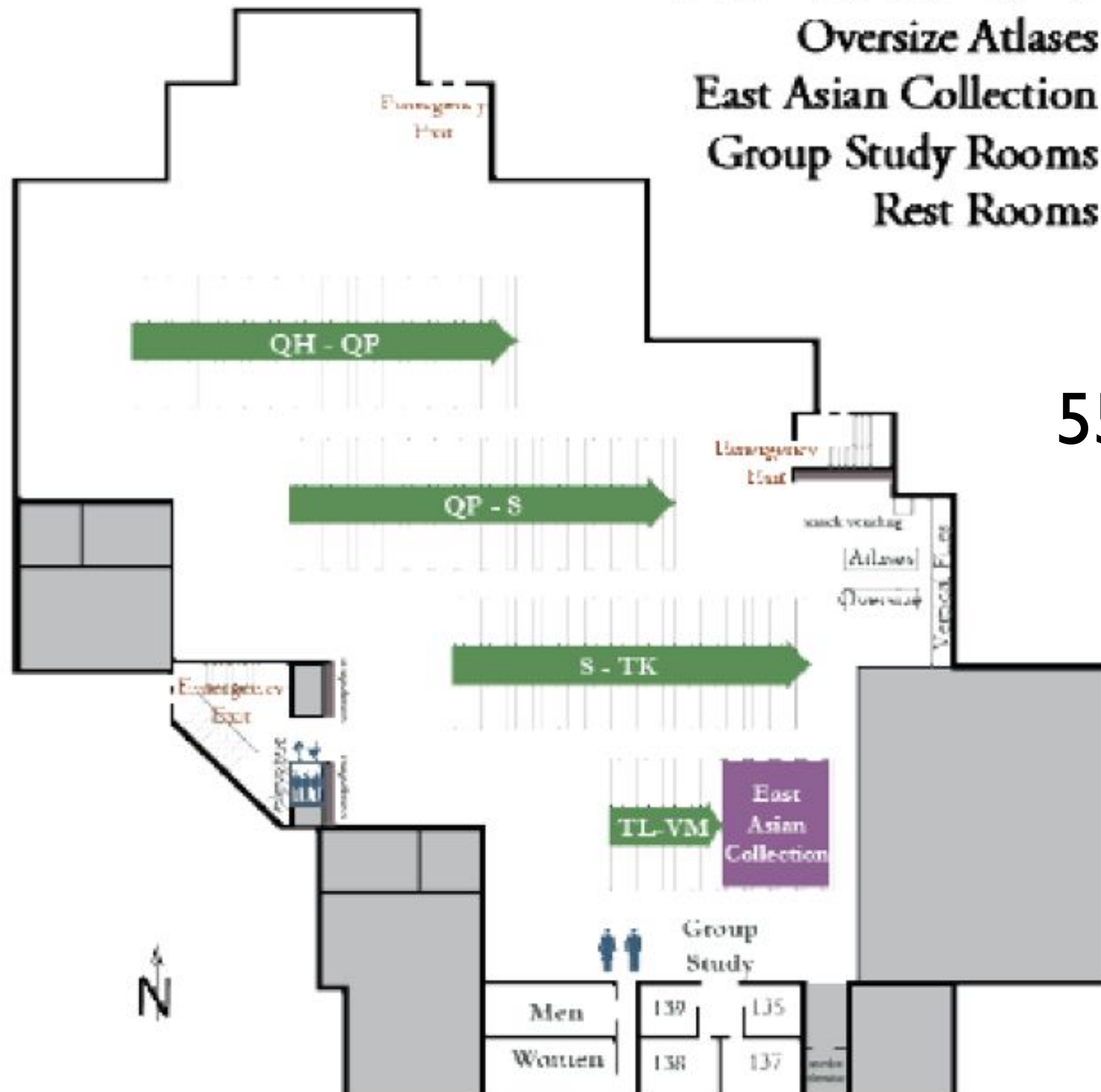
## Lower Level

call numbers

QH-QR • R • S

T-TP • TS-TX • U • V

- Oversize Atlases
- East Asian Collection
- [Group Study Rooms](#)
- Rest Rooms



## Conclusions

The dismantling of 60% of our Science and Engineering Library collection during the past Summer **was a hasty and ill conceived operation**. It was **initiated** by the request of former campus provost and executive vice-chancellor **Alison Galloway** who requested near the end of the past Academic year study space in the S&E library for 200 students. **The faculty was not consulted**, and instead, the campus librarians developed **completely ad-hoc criteria** that books that had not been checked out during the past **5 years** would be discarded, without any consideration of their **content or value**

about half o

the space that would have been available to preserve valuable books