



Living design systems at UCLA.

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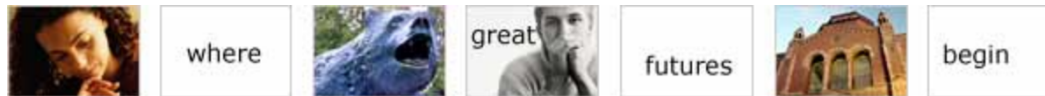
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[UCLA and Year 2000](#)



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ucla for you



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- [Disability Resources](#)

This son of farmworkers became a California Supreme Court Justice.

Monday, August 14, 2000

Weather@UCLA: 68°F / 20°C

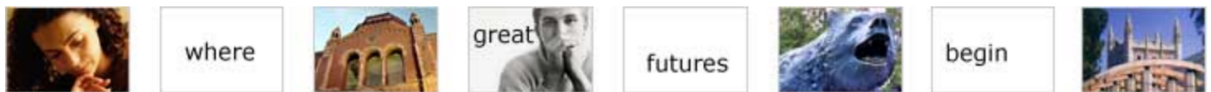
IN THE NEWS

- [:: Reynoso Receives Medal](#)
- [:: Institute Fortifies Math Ties](#)
- [:: Election 2000 Media Website](#)

AT UCLA

- [:: Iris Cantor Walk 2000](#)
- [:: Fowler Family Workshop](#)
- [:: Exhibit: Moche Paintings](#)

UCLA.EDU GATEWAY TO THE CAMPUS



information for...



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- :: CAMPAIGN UCLA

Disability Resources



Monday, September 30, 2002

Weather@UCLA: 57°F / 14°C

BULLETIN >>>

- :: UCLA Remembers 9/11
- :: Small Courses Created for Undergraduates
- :: Chancellor's Views on the Research University

IN THE NEWS >>>

- :: Defense System to Protect Against Internet Attack
- :: UCLA Botanical Garden Seeks Volunteer Docents
- :: UCLA Teacher Training Boosts LAUSD Math Scores

EVENTS AT UCLA >>>

- :: Dutch Film Festival: The Netherlands Under Nazi Occupation
- :: Southern California Tissue Engineering Symposium
- :: Comedy Central's Benefit for Rx: Laughter with Ray Romano


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- [Disability Resources](#)



But at UCLA, he does more than contemplate.

Sunday, October 31, 2004
Weather@UCLA: 55°F / 13°C

BULLETIN >>>	IN THE NEWS >>>	EVENTS AT UCLA >>>
<ul style="list-style-type: none"> :: Chancellor's Message About Voter Registration 	<ul style="list-style-type: none"> :: UCLA Chemists Report New Nano Flash Welding :: Environmental Report Card Gives Mixed Grades :: Researchers Identify How a Hormone Regulates Iron 	<ul style="list-style-type: none"> :: Homecoming and Parents' Weekend 2004 :: El Teatro Justo Rufino Garay :: UCLA Football vs Stanford

GATEWAY TO THE CAMPUS
UCLA.EDU

Sun Jul 31, 2005: 73°F / 23°C

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[HAPPENINGS](#)

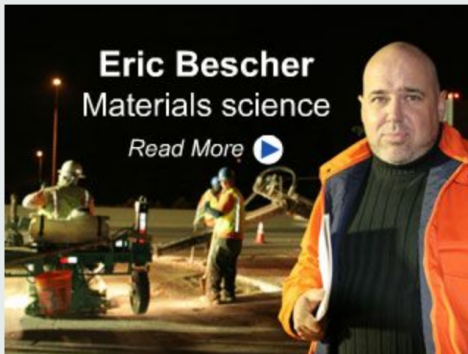
News & Notices

Dust-enshrouded star looks similar to our sun ...

State roads would be less congested if more people adopted recent Latino immigrants' commuting habits ...[more](#)

Chemists create the first nano valve that can be opened and closed to trap and release molecules ... [more](#)

[For more news...](#)



Eric Bescher
Materials science

[Read More](#)

Nobody at UCLA

keeps score on who you are.

They just want to see

what you do. Here. Now. **UCLA.**

[Giving to UCLA](#)



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ACADEMICS RESEARCH LIBRARY	HEALTH CARE CONTINUING EDUCATION UCLA IN THE COMMUNITY INTERNATIONAL	ABOUT UCLA ADMINISTRATION EMPLOYMENT CAMPUS SERVICES	HAPPENINGS SPORTS ARTS LECTURES			

Headlines

- Jonsson Cancer Center joins UC collaboration on breast cancer
 - Chemicals ID'd that could lead to drugs for genetic disorders, cancer
 - Henry T. Hopkins, retired art department chair, Hammer director
 - Rethinking Alzheimer's disease and its treatment targets
 - Hospital relocation study provides insights for disaster planning
 - Scientists make paralyzed rats walk again after spinal cord injury
 - UCPD crime alert reminds campus community to stay alert and safe
- [Enter the Newsroom >](#)

Spotlight

Chris Joseph '08
Geography

[Click for story](#)

An old version of the Flash plugin was detected. [Please upgrade your Flash plugin to 7 or](#)

Features

Bruin parents gear up for 3-day campus getaway

At Parents' Weekend, Bruin students share the best of UCLA with their families [More >](#)

UCLA's Impact

CBS News covers Volunteer Day

UCLA Volunteer Day gets national coverage on Evening News with Katie Couric [More >](#)

Happenings

-
- TODAY: 09/30 Burkle Forum: Pakistan's Former Prime Minister
-
- TODAY: 09/30 Khaled Hosseini in Discussion
-
- TODAY: 09/30 "School Days" Film Series - Tea & Sympathy
-
- 10/02 Jazz at Lincoln Center Orchestra - Wynton Marsalis
- [More Happenings >](#)

Giving to UCLA
[Click to learn more >](#)

"UCLA is owned by the people of California.
All 38 million."
HERE NOW.



[Prospective Students](#) | [Current Students](#) | [Parents](#) | [Faculty](#) | [Staff](#) | [Alumni](#) | [Visitors](#)

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HAPPENINGS
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Headlines

Biologists show how whales have changed in 35 million years

UCLA to honor Roger Corman, Lee Daniels at film festival

David Sefton steps down as executive director of UCLA Live

UCLA researchers surpass \$1 billion in awards for the year

Campus plans world's leading eye research and patient-care facility

Paired PET-scans provide clearer picture of immune response

Dept. of Energy grant to convert CO2 to liquid fuel using electricity

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Spotlight



Happenings

[Jack Benny Award](#)
Presentation: Judd Apatow
TODAY: 06/01 Jack Benny Award Presentation: Judd Apatow



06/03 Pau Hana



06/03 "A Celebration of Barber"

[More Happenings >](#)

Features

Bruin Heroes Award

May's Volunteer Center award goes to the Immigrant Youth Empowerment Conference

[More >](#)



UCLA's Impact

Bike to campus

Hear from two commuters who get to UCLA via bicycle - and watch some highlights of their rides

[More >](#)

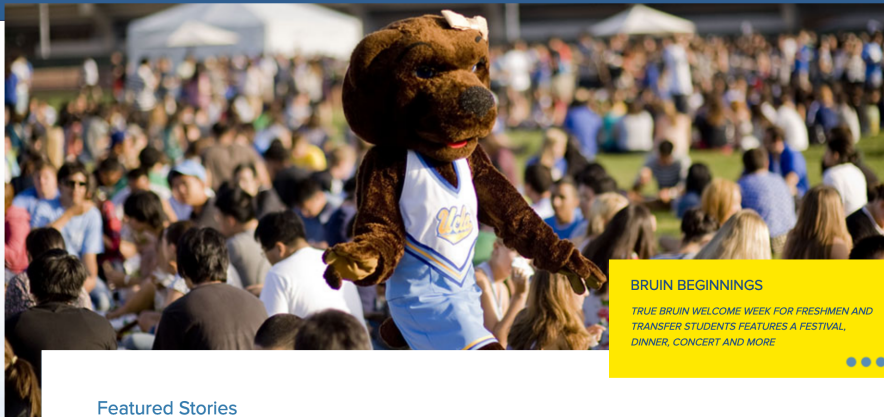


Giving to UCLA
[Click to learn more >](#)

"There is no typical UCLA student or faculty member. The only common denominator is an appetite for excellence."

HERE. NOW. **UCLA**

Campus Values
[Click to learn more >](#)



BRUIN BEGINNINGS

TRUE BRUIN WELCOME WEEK FOR FRESHMEN AND TRANSFER STUDENTS FEATURES A FESTIVAL, DINNER, CONCERT AND MORE



WE

Featured Stories



We Welcome Almost 9,000 New Undergrads

Bruins, new and returning, take part in 80-plus events to kick off the academic year



Higher Ed with a Higher Purpose

Sixth annual Volunteer Day takes 7,300 Bruins across L.A. County in service to community



New Hope in the Neighborhood

The UCLA Community School sends 95 percent of its graduates to college



Feedback

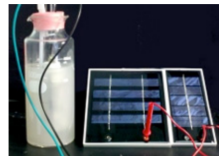


Featured Stories



Most Diverse Class Ever

15,455 freshmen have been admitted for fall 2012 from 50 states and 69 countries



Electricity as Liquid Fuel?

Engineers discover how to store electrical energy as chemical energy for transportation



A Festive Way to Sample UCLA

Annual Bruin Day drew thousands of prospective freshmen and their parents to campus



UCLA

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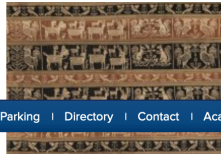


LET THERE BE...
The CENTENNIAL Campaign for UCLA
[Learn More](#)

BRUINS WITHOUT BOUNDARIES
UNIVERSITY OF CALIFORNIA STUDY ABROAD PROGRAMS SPAN 115 UNIVERSITIES AND 42 COUNTRIES

Feedback

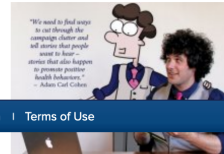
Featured Stories



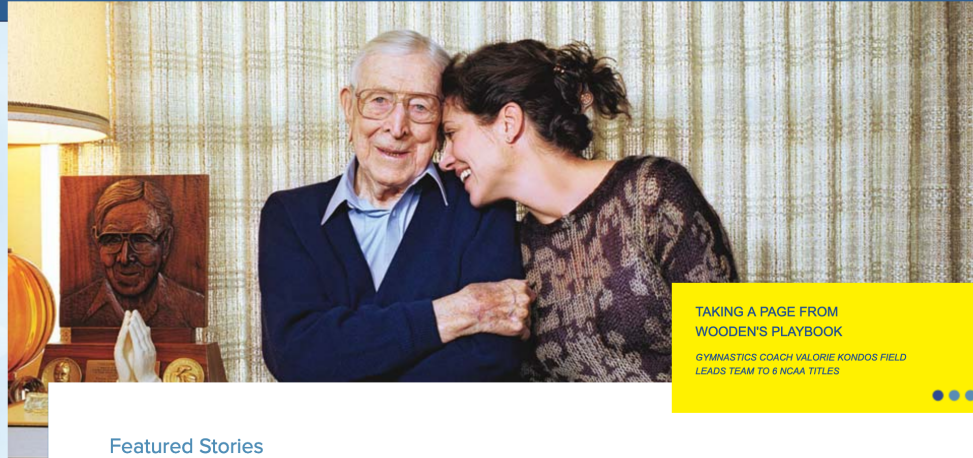
Textiles of Timor
Fowler Museum exhibition to feature some of the world's most colorful and varied weavings



The Biology Behind Schizophrenia
The results of this large genomic study could lead to changes in



Lights, Camera, Health!
Public health students with entertainment backgrounds use storytelling for advocacy

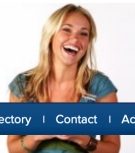


TAKING A PAGE FROM WOODEN'S PLAYBOOK

GYMNASTICS COACH VALORIE KONDO'S FIELD LEADS TEAM TO 8 NCAA TITLES

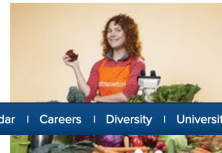


Featured Stories



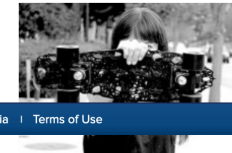
The Best Medicine

Science shows that laughter really does reduce stress and boost immunity



The Science of Sushi, Etc.

Bioscientist Amy Rowat and guest chefs present the hows and whys behind what we eat



UCLA Outfront in the 3-D Revolution

Skateboards, dresses, bone splints—even an apartment—produced on printers on campus



Feedback

FEATURED STORIES



Renee and Meyer Luskin honored

Alumni philanthropists receive the UCLA Medal, the highest campus honor



Professor on race, space and mobility

New book looks at the history of Southern California's Inland Empire



How eyes see so well in bright light

Research describes a molecular pathway that helps our eyes see continuously in the light

Tools



Internet Hall of Fame

On October 29, 1969, something happened in Boelter Hall that changed the world. On that day a team of computer scientists, including grad student Vinton Cerf M.S.'70, Ph.D.'72 and led by Professor Leonard Kleinrock, transmitted the first message between two computers hundreds of miles apart. It was the birth of the Internet.



**“We shape our tools and our
tools shape us.”**

–Marshall McLuhan

**Groups across the
University of California are
converging in their efforts
to build a culture of
collaboration.**

Our toolkit.

Speaking

Presentations

Print

Graphics

Web

Code

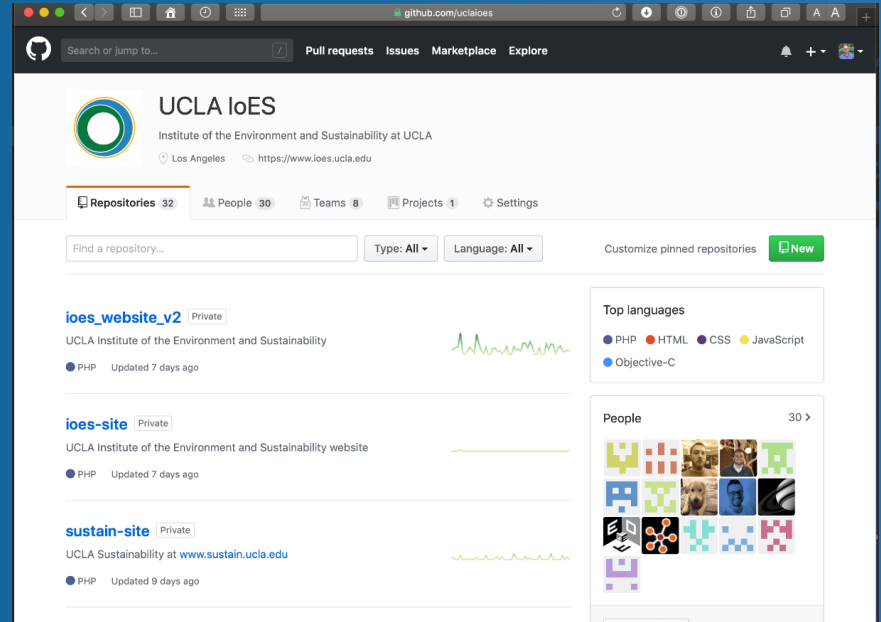
Version Control

Maps and dataviz

Infographics

Project Management

Sharing Code



The screenshot shows a web browser window displaying the GitHub profile page for 'UCLA IoES'. The browser's address bar shows 'github.com/uclaioes'. The page header includes navigation links for 'Pull requests', 'Issues', 'Marketplace', and 'Explore'. The profile information for 'UCLA IoES' is visible, including the organization's name, location (Los Angeles), and website (https://www.ioes.ucla.edu). Below the profile, there are statistics for 'Repositories 32', 'People 30', 'Teams 8', and 'Projects 1'. A search bar for repositories is present, along with filters for 'Type: All' and 'Language: All'. Three repositories are listed:

- ioes_website_v2** (Private): UCLA Institute of the Environment and Sustainability. PHP. Updated 7 days ago.
- ioes-site** (Private): UCLA Institute of the Environment and Sustainability website. PHP. Updated 7 days ago.
- sustain-site** (Private): UCLA Sustainability at www.sustain.ucla.edu. PHP. Updated 9 days ago.

On the right side of the page, there are sections for 'Top languages' (PHP, HTML, CSS, JavaScript, Objective-C) and 'People' (30 members).

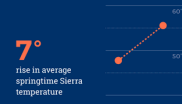
DataViz and Infographics

How is California's climate changing?

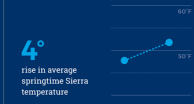
The Sierra Nevada is one of California's most beloved natural treasures — and mountain snowpack is a key water resource for much of the state. As climate change continues to warm the atmosphere, what will become of the frozen reservoir we depend on? To investigate, UCLA's Center for Climate Science created high-resolution projections of future climate in the Sierra. Here is a snapshot of our findings.



If nothing is done to curb current levels of greenhouse gas emissions our "Business as Usual" scenario shows by the end of the 21st century we can expect



If the world takes action to reduce global greenhouse gas emissions our "Mitigation" scenario shows by the end of the 21st century we can expect:



The Sierra Nevada elevations most vulnerable to climate change are **5,000-8,000 FEET**

This is where snow albedo feedback is occurring — a cycle of amplified warming and snowmelt due to loss of reflectivity. Our project is unique in taking this effect into account.



©2018 UCLA Center for Climate Science

Find more on this project: www.ioes.ucla.edu/project/climate-change-sierra-nevada

Project Management

The screenshot shows the Basecamp web interface for the UCLA Institute of the Environment and Sustainability (IoES). The browser address bar shows the URL `3.basecamp.com/4037981/`. The navigation bar includes links for Home, Pings, Hey!, Activity, and Find. A search bar prompts the user to "Jump to a team or project..." with a hint to "Press ⌘+J to quickly jump to a project or team from anywhere." The main content area is titled "UCLA Institute of the Environment and Sustainability" and features a "UCLA IoES" logo. A sidebar on the right lists navigation options: My Assignments (16), My Bookmarks, My Schedule, My Drafts, My Recent Activity, and My Boosts. The interface is divided into two main sections: "Teams" and "Projects". The "Teams" section contains nine team cards: Academics Team, Alumni Planning Team, Blue Prosperity: Allison, Peter, Sc..., Business Office, Events, IoES Central HQ, Misfits, Practicum Planning Team, and SAR Team. The "Projects" section contains three project cards: Evaluate Basecamp, Fall 2018 courses, and Graduate Core Class Research Project. Each team or project card displays a grid of member avatars and initials. A footer at the bottom of the interface states "You're using Basecamp for Non-profits."

Collaboration

PLAN, TRACK, & SUPPORT



Jira Software
Project and issue tracking



Jira Align
Enterprise agile planning



Jira Core
Essential business management



Jira Service Desk
IT service desk and customer service



Opsgenie
Modern incident management



Statuspage
Incident communication

COLLABORATE



Confluence
Document collaboration



Trello
Collaborate visually on any project

CODE, BUILD, & SHIP



Bitbucket
Git code management



Sourcetree
Git and Mercurial desktop client



Bamboo
Integration and release management

Talking

The screenshot shows a Slack interface with a sidebar on the left and a main chat area on the right. The sidebar lists various channels and direct messages, with the #ucla_dataviz channel selected. The main chat area displays a series of messages, including a link to a Data Stories article, a question from Annelie Rugg, a link to a New York Times article by Scott Gruber, and a question from Benjamin Winjum. The interface includes standard Slack elements like a search bar, channel name, and a message input field at the bottom.

UC Tech ▾
● Scott Gruber (UCLA)

Jump to...

All Unreads
Threads

Channels

- # accessibility
- # carpentries
- # data_analytics
- # design-at-uctech
- # events
- # gis-and-mapping
- # hangout
- # html-scss-etc
- # ucla
- # ucla_dataviz
- # ucla-watercooler
- # uctalk
- # uctech-conference
- # ux-andor-design
- # wordpress

Direct Messages

- ♥ Slackbot
- Scott Gruber (UCLA) (y...
- Andrey Nikolayev (UCL...
- Jon Johnson (UCSF)
- Paul Phillabaum (UCLA)

Apps

- greeterbot

#ucla_dataviz ☆ | 👤 14 | 🔒 0 | ➕ Add a topic

Good podcast about A Thursday, May 23rd ataViz Tools - Data Stories
<http://datastori.es/132-a-new-generation-of-dataviz-tools/>

DATA STORIES

Data Stories
132 | A New Generation of DataViz Tools
We have Andy Kirk on the show to talk about a new generation of data visualization tools.

Annelie Rugg (UCLA) 11:54 AM
Wow, cool @scottgruber (UCLA)!
Does anyone else want/need to take a week sabbatical to go through all this stuff?
I really want some time for this; how do I make that happen?

Saturday, May 25th

Scott Gruber (UCLA) 10:50 AM
cool dataviz on a higher ed topic. Opinion | The College Dropout Crisis - The New York Times
<https://www.nytimes.com/interactive/2019/05/23/opinion/sunday/college-graduation-rates-ranking.html>
The New York Times | By DAVID LEONHARDT and SAHIL CHINYOY
The College Dropout Crisis
And how to begin solving it.

Tuesday, May 28th

Benjamin Winjum (UCLA) 9:29 AM
Are there any minutes or notes from the past meeting on May 15? I was out of town and had to miss it, but I am still interested in knowing what transpired.
👍 1

Herbert Serrano (UCLA) 🐼 10:16 AM
Hi I do have the notes and I will post them once I'm back in my office.

+ Message #ucla_dataviz @ 😊

**“If our environment is always changing,
we need to be always learning. And to do
that we need to let go of what we know.”**

–Wilson Miner

“At times of change, the learners are the ones who will inherit the world, while the knowers will be beautifully prepared for a world which no longer exists.”

–Alistair Smith

**What kind of people use
products we make?**



Who else?

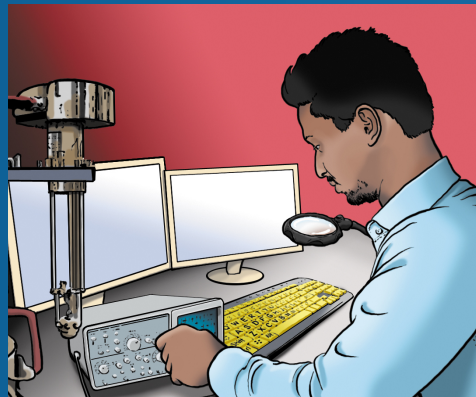
**Everyone can access the
world wide web.**

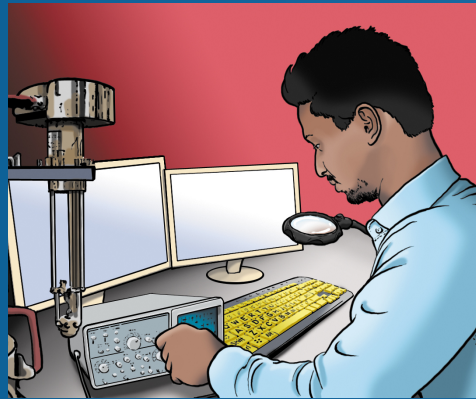












**All the good things I've
made at UCLA have been
with other people.**



INSTITUTE OF THE ENVIRONMENT AND SUSTAINABILITY

Moving Science to Action

Launching global environmental solutions from urban Los Angeles

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Supporting sustainable small island economies

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Center for Middle East Development

UCLA's Center for Middle East Development (CMED) conducts research and offers programs

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Sign up for Announcements.

First Name:

Last Name:

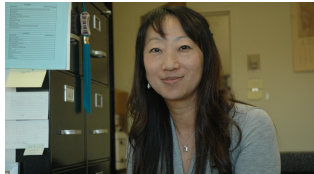
Design with people



Design with people



Design with people



Design with people



Working on a team

takes patience

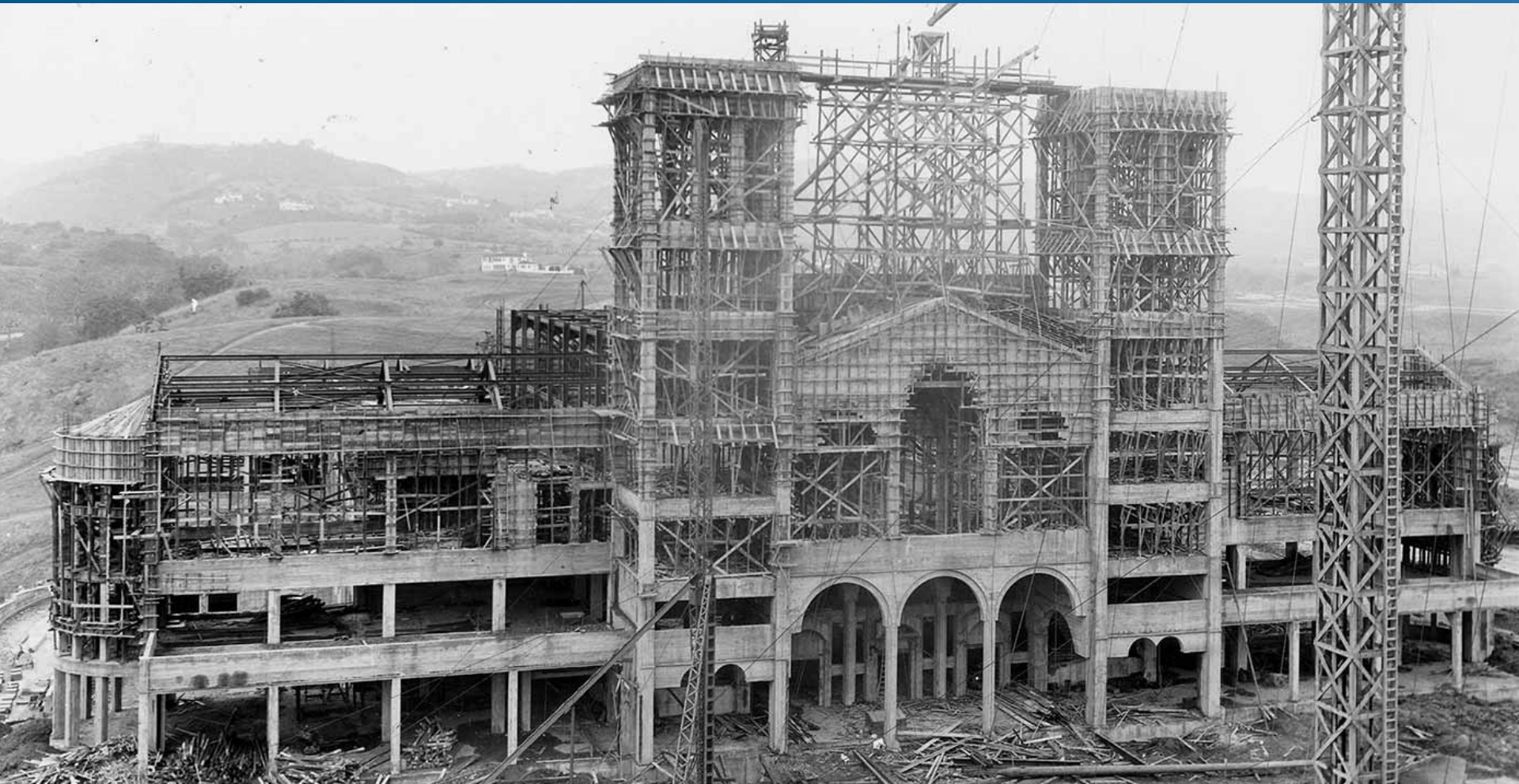
takes listening

takes empathy

takes practice

**The UCLA brand
encompasses the work of
many different people.**

What do you want to build?



**What kind of an eco-system
do we want to work in?**

**Learn how to give and
receive feedback.**

“Avoid bad meetings at all costs if you’re looking to increase productivity.”

Signs of a bad meeting...



Signs of a bad meeting...



Signs of a bad meeting...



Signs of a bad meeting...



Signs of a bad meeting...



Signs of a bad meeting...



Signs of a bad meeting...



**Is it time for a brand refresh
of meetings?**

“Just moving from 3 developers to 4, doubles the number of lines of communication.”

–Rich Rodgers

UCLA design system

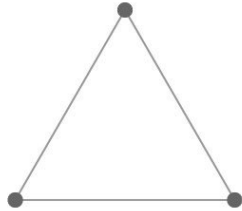


**Design
systems are
a team sport.**

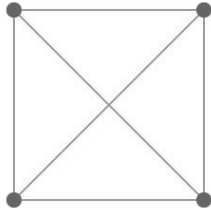


“Design Systems are as much social as they are technical and we should think of them as communities and not just projects.”

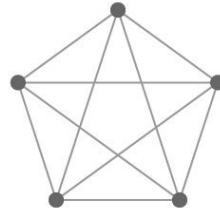
–Jina Anne



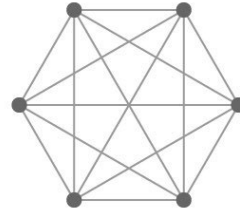
3 people, 3 lines



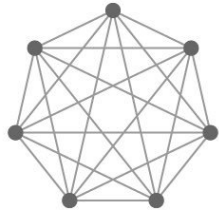
4 people, 6 lines



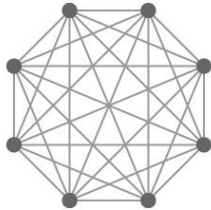
5 people, 10 lines



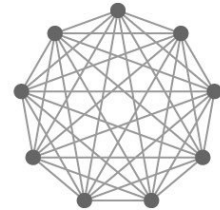
6 people, 15 lines



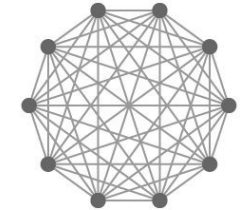
7 people, 21 lines



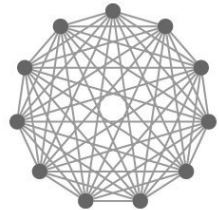
8 people, 28 lines



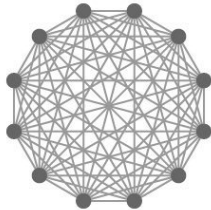
9 people, 36 lines



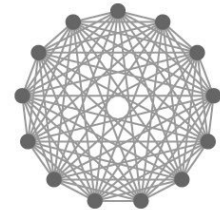
10 people, 45 lines



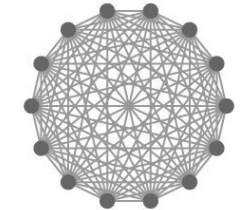
11 people, 55 lines



12 people, 66 lines



13 people, 78 lines



14 people, 91 lines

**A design system is the
story of how your
organization designs and
builds digital products.**

**Do we have a shared
design language?**

Typography.
Color palette.
Logo.

Flyers.

Invitations.

Newsletters.

Presentations.

Email templates.

Social media cards.

Web components.

**What would a UCLA design
system look like?**

**A collection of visual assets,
accessible UI components, front-
end code, and guidelines
following web standards and
UCLA's brand identity.**

Design systems can include...

Design principles

Design tokens

Brand guidelines

UX guidelines

UI patterns

Page templates

Design tools

Coding standards

Code repositories

Development guides

Writing guides

Rules



Parts



Organization



What are we missing?

**What happens the day after
launch?**

**“Art direction is how to make
someone feel through design.”
–Andy Clarke**





**What would the soul of a
UCLA design system feel
like?**

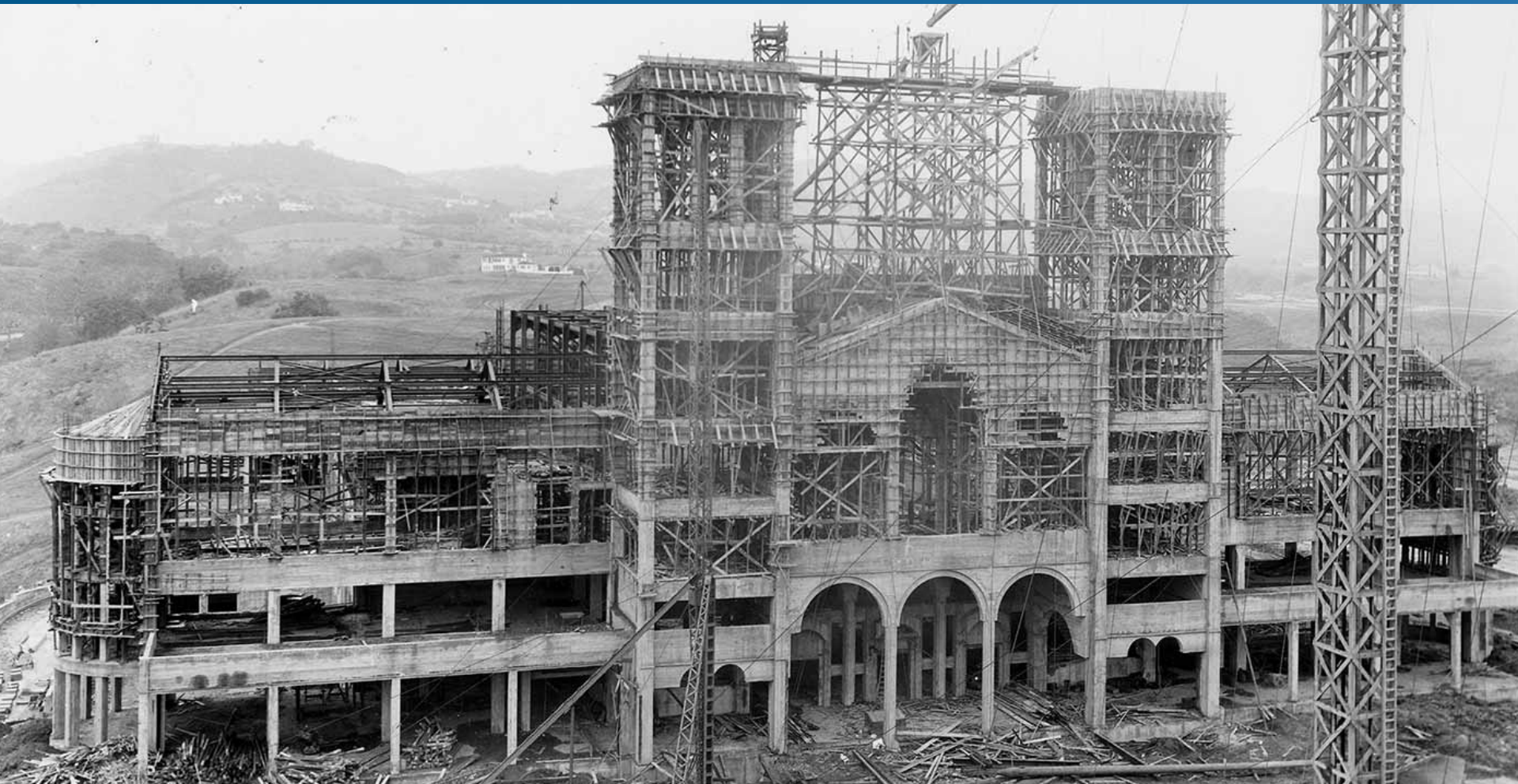
**UCLA is very complex so
the ideal design system is
needs to flexible and
bespoke.**

**Would art directed layouts
work at UCLA?**

What is UCLA design culture like? And how should our design system live?

It would be a community, a place to collaborate, to share and benefit from a campus full of knowledge and expertise.

**What kinds of people?
It would be diverse. And it
would be inclusive.**



**What will we make after
the design system
starter blocks are built?**

Thank You

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