State of the College

David Ackerly, Dean

November 4, 2021

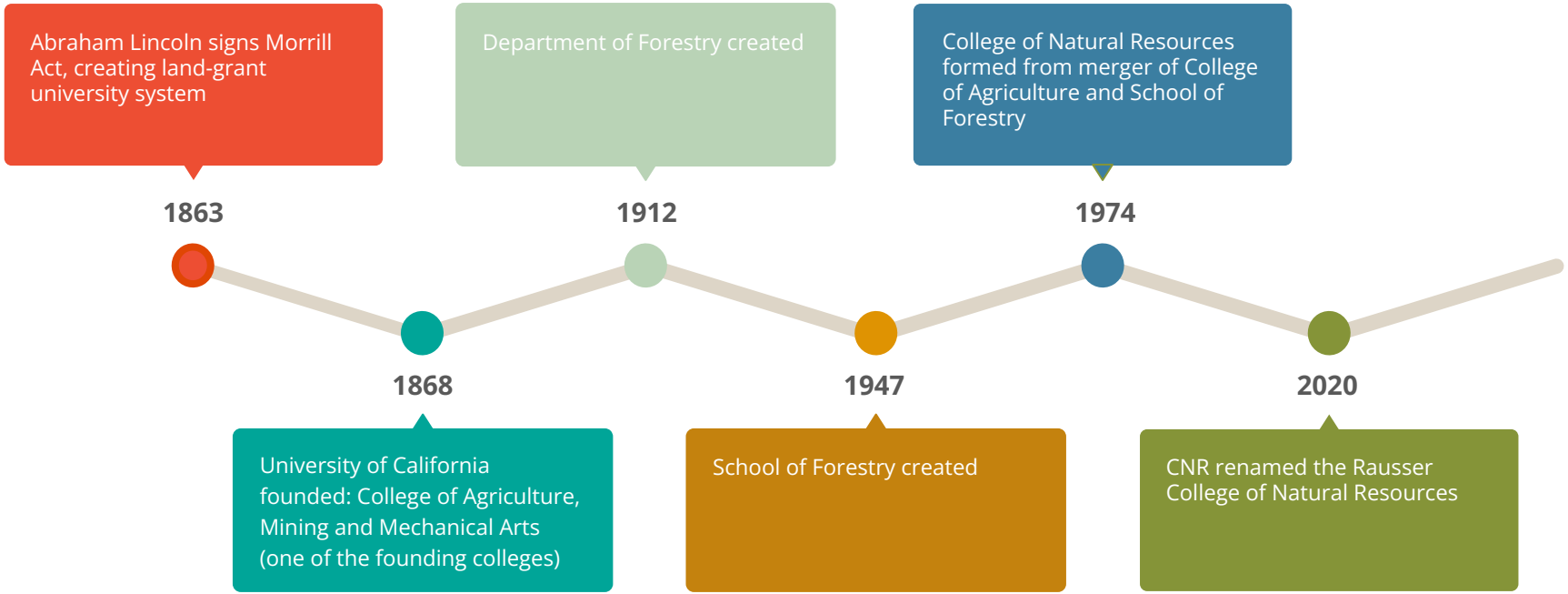
Berkeley Rausser
College of Natural Resources

Presentation Outline

- Programs and Leadership
- Students
- Faculty Hiring
- Diversity, Equity, and Inclusion
- Buildings and Facilities
- Development and Finances
- Launching a Strategic Plan

Berkeley Rausser
College of Natural Resources

RCNR & Berkeley's Land Grant Legacy



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College of Natural Resources

Department Overview

	ARE	ERG	ESPM	NST	PMB
# Faculty/ CE specialists	15.5/1	6/-	51/15	12.5/1	25/1
Graduate Degrees	PhD	PhD	PhD	2 PhD	2 PhD
		Master's	Forestry & Range Master's	Metabolic Bio Master's	
Undergrad Majors	EEP		S&E, CRS, MEB, EMF, ES	NS (D, PM, Tox)	MB, GPB
Undergrad Minors	EEP	Energy & Resources, Sustainability*	CRS, FS, FNR, GIST	NS, Tox	

*Summer minor

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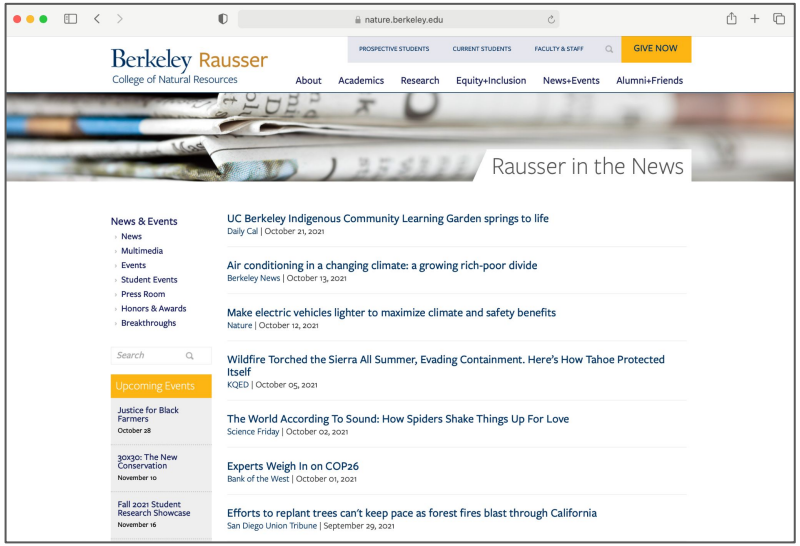
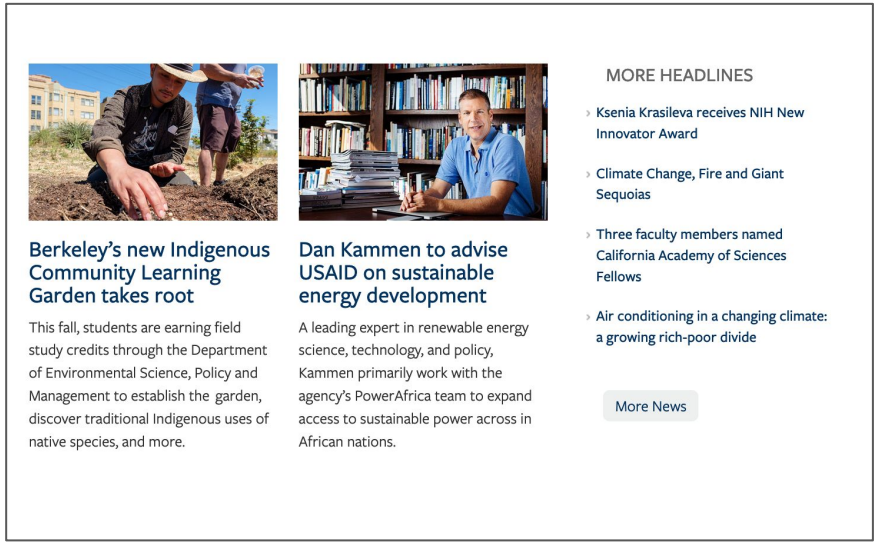
Professional Degree Programs, in development

- Master of Nutritional Science and Dietetics (MNSD, NST)
  - Proposal under review for approval
  - Master's degree will be required for professional accreditation as registered dietitian
  - Self-supporting program
- Master of Climate Solutions
  - Collaborative degree with three departments—ERG, ESPM, and ARE—and going to campus for review
  - Stand-alone, self-supporting 1 year Master's, and will also be a concurrent degree with Haas MBA

News and Press Coverage



nature.berkeley.edu/press-room



nature.berkeley.edu/news

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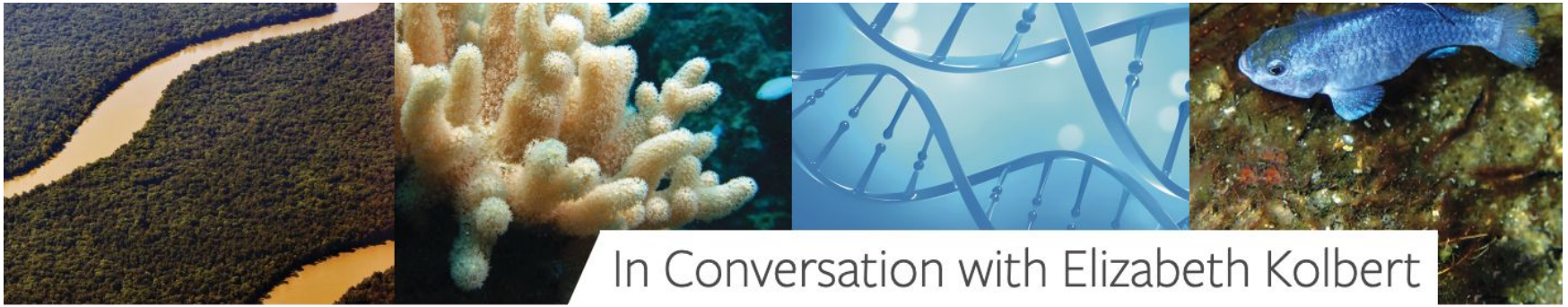
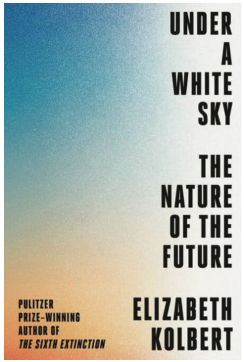
College of Natural Resources

2021 Horace Albright Lecture





Wednesday, Nov. 17, 12-1:30

To register, go to:
https://nature.berkeley.edu/albright

College Leadership

Dean

David Ackerly

Associate Deans

Nick Mills

Allen Goldstein

Kate O'Neill

Isha Ray

Assistant Deans

Lee Borrowman

Kathryn Baldwin

Mio Owens

Joshua Dullaghan

Department Chairs

Jeff Perloff

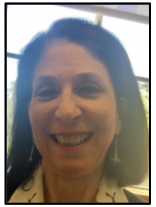
Duncan Callaway

Hei Sook Sul

Paolo D'odorico

Sheng Luan

Dean's Office Senior Staff



Adrienne Hink

Ard Locht

Tony Gamez

Julie Gipple

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Rausser College Advisory Board

Javier Arevalo

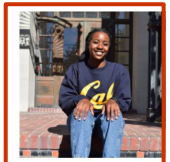
Stacey Baba

Richard Beahrs

Arianna Carughi

William Liu
Vice Chair

Caroline Maser
Chair


Udochi Mbonu

Steven McCormick

Mike Cheng

Michael Colvin

Jill Elfishawy

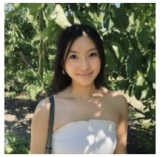
Josh Fisher

Leïla Njee Bugha

Cliff Ohmart

John Pardee

Vince Resh


Viana Pham

David Gilbert

Kathleen Green

Caryl Hart

Kathy Hartzell

Jate Samathivathanachai

Sandeep Sacheti

Linda Schacht Gage

John Scharffenberger

Deborah Hicks

Stephen Hurst

Janet King

Vernard Lewis

David Warner

Bryan Wilson

William Woods

Alexandria Zermeño

https://nature.berkeley.edu/alumni-friends/advisory-board

Rausser College Executive Committee

Jill Banfield
ESPM

Stephanie Carlson
ESPM

Marco Gonzalez-Navarro
ARE

Kris Nyogi
PMB

Ignacio Chapela
ESPM

Alastair Iles
ESPM

Mary Wildermuth
PMB

Lara Kueppers
ERG

Greg Aponte
NST

Newly Elected for 2021-2022

Rausser College Student Advisors (OISA)

Left to Right: Temple Byars, Anna Hoehenrieder, Patricia Helyer, Meaghan DeRespini, Craig Crossley, Joshua Dullaghan, Jenny Miner, Sarah Rhoades, Kate O'Neill, Leleña Avila, Katie Owensby

Graduate Student Affairs Officers

Carmen Karahalios
ARE

Candace Groskreutz
ERG

Bianca Victorica
ESPM

Ryann Madden
ESPM

Majabeen Samadi
NST

Lyn Rivera
PMB

Students

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College of Natural Resources

Rausser College by the numbers

Spring 2021: Largest graduating class

661 graduates

Fall 2021: Largest ever incoming class

637 *First-year students*

131 *Junior transfers*

Rausser College has a diverse student body*

70%	Of undergrads identify as female
59%	Of grad students identify as female
66%	Of domestic undergrads identify as URM or Asian
34%	Of domestic grad students identify as URM or Asian

*All percentages have increased since last year

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OISA Highlights

- Awarded over $94k in the **Sponsored Program for Undergraduate Research** to faculty and student-initiated programs in 2020-21.
- Awarded over $22k for **10 Summer Internship Grants** in 2021.
- Successfully **reopened the Student Resource Center and Computer Lab** in August 2021. Providing a hybrid delivery of advising services to include virtual and in-person appointments and drop-in advising.
- Have held **numerous in-person events this fall** including our New Student Ice Cream Social and Student Org Fair, Painting with the PALs, and Dinner with the Dean.

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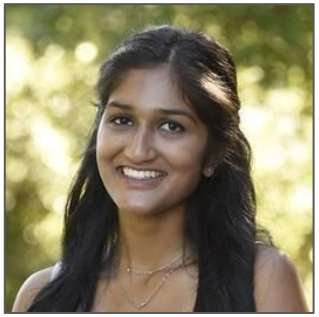
2021 CACS Sustainability Awards

Sarah Bancroft
Society & Environment

Fossil Free Cal, ASUC Eco-Senator

Leonela Leon
Society & Environment

Co-Lead of ASUC Department of Unsustainable Partnerships, SCEC Organizer



Sabina Mahavni
Environmental Economics & Policy

Zero-Waste Initiative Lead

Alejandra Marquez
Society & Environment

Cal Dining Food Literacy Coordinator

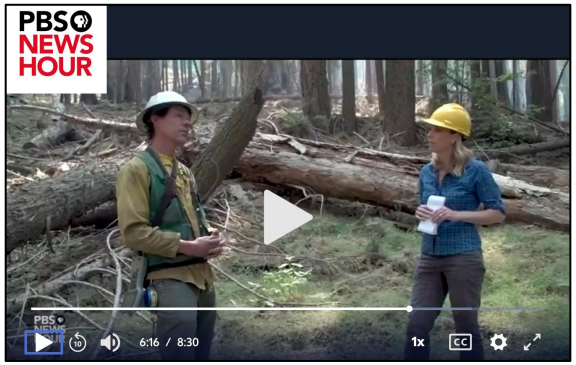
Julia Sherman
Genetics & Plant Biology

Chair of Zero Waste Coalition, Residential Sustainability Program Lead

Sarah Xu
Environmental Economics & Policy

Community Engagement Lead at SERC

https://sustainability.berkeley.edu/news/2021-cacs-sustainability-awards



Faculty and CE Specialists

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Faculty Awards

20
members of the National Academy of Sciences

30
American Association for the Advancement of Science Fellows

6
Guggenheim Fellows

3
Wolf Prize Winners

7
members of the American Academy of Arts and Sciences

7
Macarthur Fellows

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2020-2021 Honors and Awards*

Internal Awards

- **Tim Bowles** (PMB) wins Faculty Mentor Award
- **Mary Wildermuth** (PMB) and **Maryani Palupy Rasidjan** (ESPM) receive Faculty Award for Outstanding Mentorship
- **Patina K. Mendez** (ESPM), **Ashley Reaver** (NST), **Mary Wildermuth** (PMB), **Dhruv Patel** (PMB), **and Albert Ruhi** (ESPM) received campus-wide UC Berkeley Extraordinary Teaching in Extraordinary Times Award

* Please send information about awards to Julie Gipple to have them featured on our website and social media

External Awards

- **Barbara Baker** (PMB) and **N. Louise Glass** (PMB) elected to National Academy of Sciences
- **Ksenia Krasileva** (PMB) receives NIH New Innovator Award
- **Whendee Silver** (ESPM) elected as an AGU Fellow
- **Kathryn De Master** (ESPM) recognized for instruction by Rural Sociological Society
- **Rodrigo Almeida** (ESPM) receives 2021 Lee M. Hutchins Award (Amer. Phytopathological Society)
- **Vernard Lewis** (ESPM, emeritus) selected as 2021 Founders' Memorial Lecturer (Entomological Soc America)
- **Mary Lesser** (NST) receives Outstanding Dietetic Educator Award
- **Allen Goldstein** (ESPM) elected to American Association for Aerosol Research Fellows
- **Claire Kremen** (ESPM, emeritus) awarded Volvo Environment Prize

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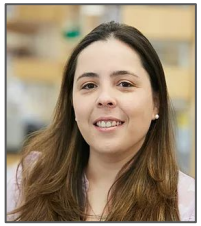
White House Appointments

- **Dan Kammen** (ERG) advising USAID on sustainable energy development
- **Inez Fung** (ESPM) serving on President's Council of Advisors on Science and Technology
- **Patrick Gonzalez** (ESPM) serving in Office of Science, Technology and Policy on climate change and biodiversity
- **Rachel Morello-Frosch** (ESPM) serving on White House Environmental Justice Advisory Council

Faculty & CE Hiring, Starts Since January 2020



Kate Wagner
David Moore
Anna Arruda
Lau Gherardi
Meg Mills-Novoa

Chris Schell
Elizabeth Hoover
Ben Blonder
Sunaura Taylor
Youjin Chung

Peter Nelson
Rachel Brem
Karine Gibbs
Ceci Martinez Gomez
Ben Williams
Patrick Shih

Climate Equity & Environmental Justice Cluster

From left, Meg Mills-Novoa, Daniel Aldana Cohen, Maya Carrasquillo, Danielle Zoe Rivera and Zoé Hamstead

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Faculty & CE Searches, 2021-2022

- Agricultural and Resource Economics
  - Two open positions with focus on Agriculture or Resources, and new Data-Driven approaches to these areas (one NT, one open rank)
- Environmental Science, Policy, Management
  - Forest Science and Climate Change (NT)
  - Physical Environmental Science (NT)
  - CE: Water Policy and Social Justice
  - CE: Forests and Fuel Management

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New CE Hiring Initiative

- ANR received a legislative allocation of $32M to restore academic footprint and enhance statewide programs
- 12-20 new CE Specialists and up to 50 new Advisors
- Specialist proposals invited from all 9 general campuses and from non-AES units at UCB, UCD, and UCR

https://ucanr.edu/sites/anrstaff/Divisionwide_Planning/2021_Call_for_CE_Positions/

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Diversity, Equity, and Inclusion (DEI)

Initiatives and Programs

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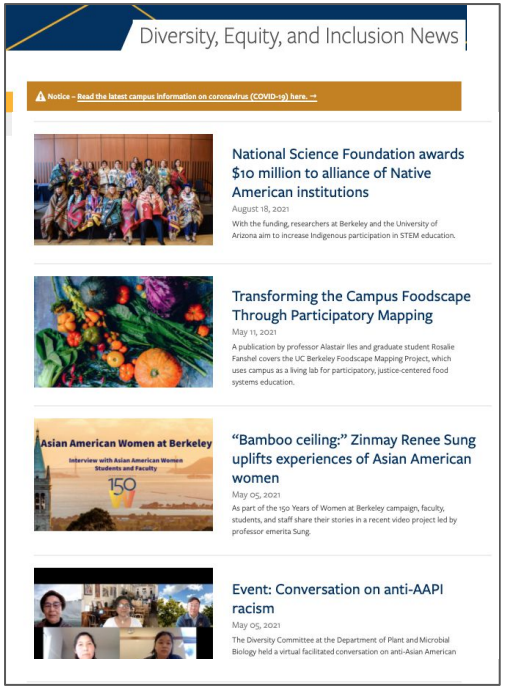
College of Natural Resources



DEI news

nature.berkeley.edu/diversity-equity-and-inclusion

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News
Multimedia
Events
ESPM Seminar
Past ESPM Seminars

Connect with ESPM

Research News

Spotlight on Native

Spotlight on Native American Heritage Month

November 04, 2021

Like 0 Tweet Share Share

November is celebrated by the U.S. as the Native American Heritage Month to recognize the history and traditions of First American Nations. Here, we spotlight researchers in the ESPM community who are studying the ties of Native American communities to their ancestral land and documenting environmental stewardship practices in forestry and agriculture and how they have been disrupted by European settlement and colonization. ESPM faculty and students are studying how the violent history of the North American land grab has led to the dispossession of First American Nations. ESPM faculty are also collaborating with Native American communities to more deeply understand this history and advocate for paths to reconciliation. The loss of control of ancestral land and its cultural and natural resources not only presents a serious threat to the resilience of Indigenous food systems, livelihoods, and culture, but also contributes to environmental degradation.

https://ourenvironment.berkeley.edu/news/2021/11/spotlight-native-american-heritage-month-0

DEI Priorities and Programs

Faculty hiring and advancement

- Climate equity and environmental justice cluster
- Campus-wide leadership in development of faculty evaluation criteria and resources to enhance DEIB contributions*

Graduate admissions

- Most departments have moved to multi-step, rubric-based admissions processes to ensure inclusive excellence

Funding

- Allocation of Rausser funds to student-led initiatives and undergraduate DEIB programs

Baseline climate surveys

- Initiate annual surveys to track progress and identify priority issues

*https://ofew.berkeley.edu/support-faculty/diversity-equity-inclusion-and-belonging

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Photo: Tony Gamez

Buildings & Facilities

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Thank you to essential workers!

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Inside Giannini Hall!

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Gateway Building - Data Sciences

https://light.berkeley.edu/o/the-gateway/

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Anchor House

With new Nutritional Sciences Teaching Kitchen

https://capitalstrategies.berkeley.edu/anchor-house

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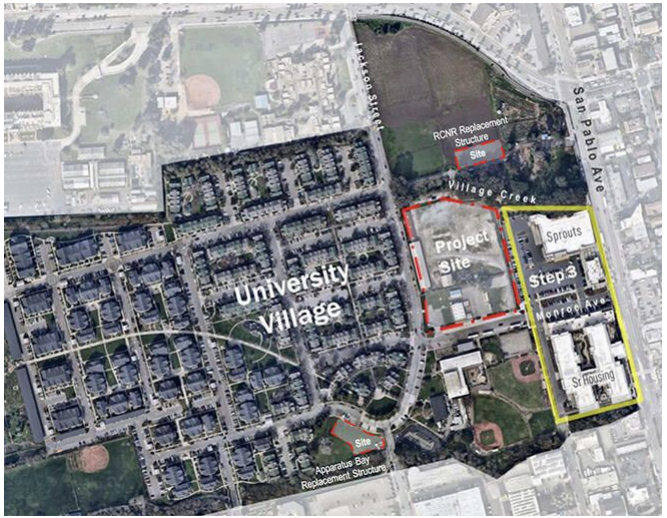
New Graduate Housing at Gill Tract (south)



https://capitalstrategies.berkeley.edu/albany-village

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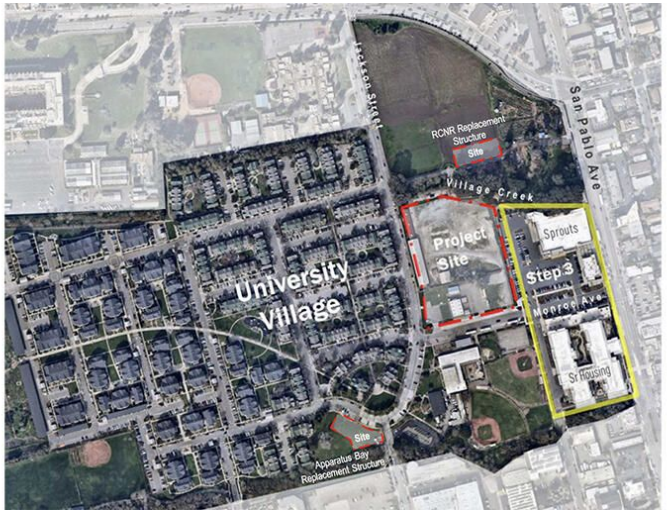
Gill Tract Service Building



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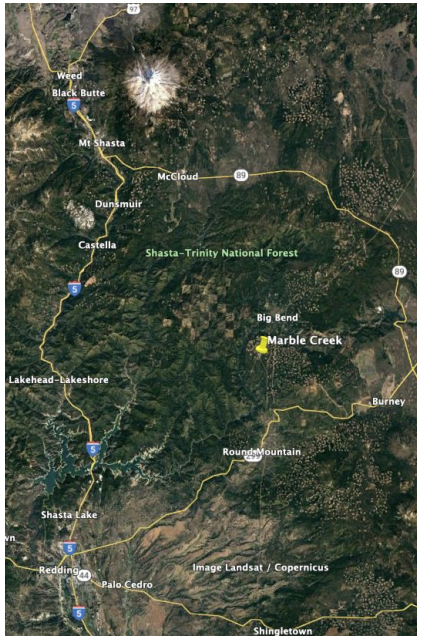
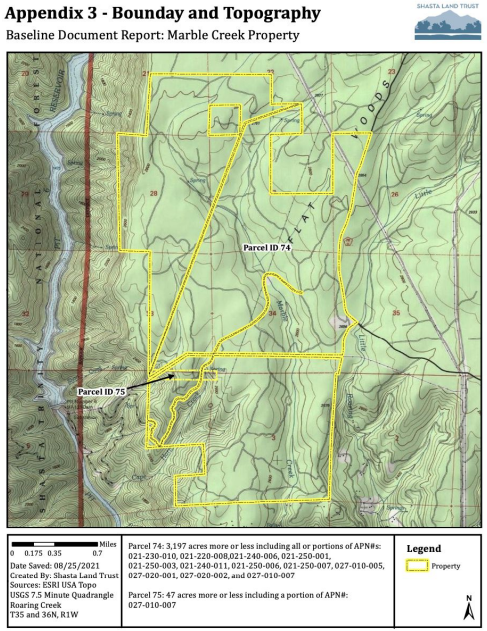
Berkeley Forests

Acquisition of 3200 acre Marble Creek Forest





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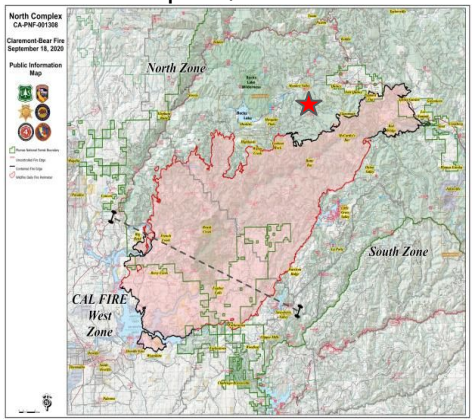
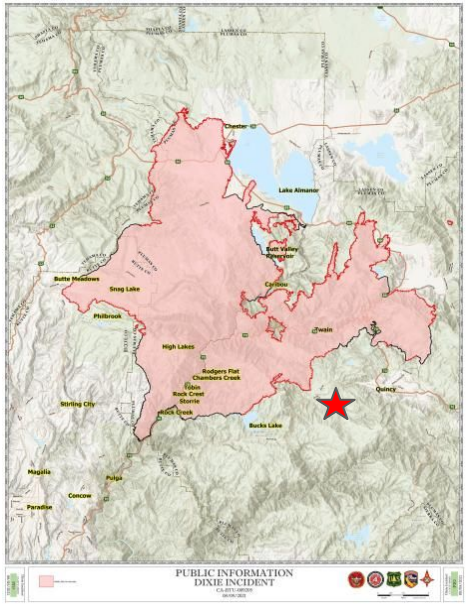
Berkeley Forests
Wildfire impacts

Forestry Camp

North Complex, 2020



Dixie Fire, 2021



Whitaker's Forest
KNP Complex, 2021

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Development and Finances

Philanthropy, Funding, and Revenue

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Rausser College by the numbers

$52M

Operating budget
(reduced from prior years)

$44.2M

Sponsored research funding
(highest ever)

$190M

Endowment
(and growing!)

Berkeley Rausser
College of Natural Resources

CAMPAIGN SUMMARY

through 10/18/2021

LIGHT THE WAY
THE CAMPAIGN FOR BERKELEY

15,163
GIFTS AND PLEDGES

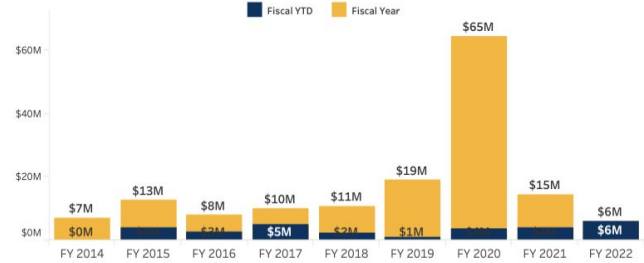
$152,769,508
TOTAL RAISED

4,942
DONORS

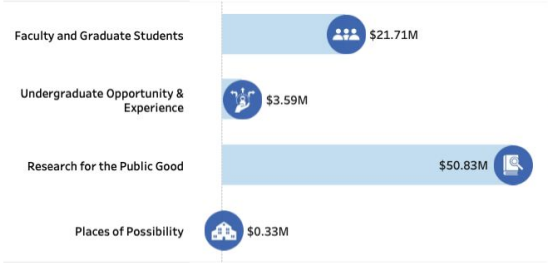
80%

Campus Goal: $6B

TOTAL RAISED



CAMPAIGN PRIORITY AREAS

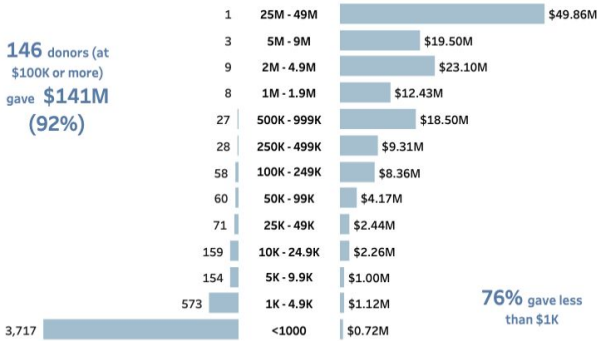


1 of 100
New Faculty Positions

2 of 300
Endowed Doctoral Fellowships

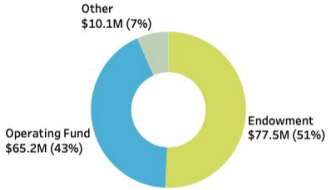
CUMULATIVE GIVING BY DONOR FOR CAMPAIGN PERIOD

146 donors (at $100K or more) gave **$141M (92%)**

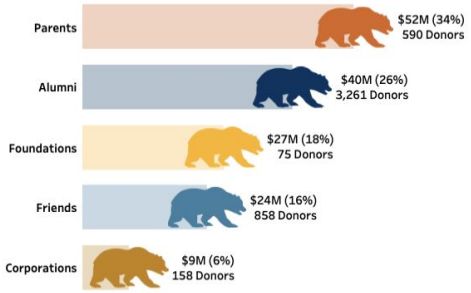


76% gave less than $1K

FUND TYPE



WHO IS GIVING



TOP TRANSACTION TYPES

Bequest Commitment	Grant/SPO	Gift	Pledge	Realized Bequest	Documented Intention	Deferred Gift
$39.73M (26%)	$36.45M (24%)	$30.70M (20%)	$25.16M (16%)	$16.62M (11%)	$3.52M (2%)	$0.29M (0%)

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CADS

Philanthropy Highlights 2020-2021

- Grace Kase and Harry Tsujimoto
  - $4M Tsujimoto estate gift added to Kase endowed fellowship in PMB
- John Swift DDF: $2.5M
  - Climate Equity and Environmental Justice Cluster
  - Native American Studies Cluster
  - International Students
  - Institute for Parks, People, and Biodiversity
- Estate gifts
  - $2.5M for ESPM, ERG programs and the Beahrs ELP
  - $1.3M Balling estate gift for ESPM grad student support

Philanthropy Highlights 2020-2021

- James and Katherine Lau
  - $500K over five years for climate equity student research and fellowships

- Annual Fund
  - $527,857 from 1,718 donors - an increase of 25% in dollars and 12% in donors over FY20

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College of Natural Resources

Strategic Plan & Vision

Rausser College of Natural Resources 2030

Berkeley Rausser
College of Natural Resources

Launching a College Strategic Plan

- Our work on sustainability, health, and justice has never been more important
- Diversity, equity, inclusion, and belonging (DEIB) are critical to our future, inside and outside the university
- We face financial headwinds - costs rising faster than revenues, and finance reform 2.0
- Across these three (and other challenges):
  - **Are we focused, urgent, nimble, and fresh in our approach?**
  - **Can we be more than the sum of our parts across the College?**

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College of Natural Resources

Strategic Planning Committee

- David Ackerly (Dean, chair)
- Jeremy Magruder (ARE)
- David Anthoff (ERG)
- Ron Amundsen (ESPM)
- Elizabeth Hoover (ESPM)
- Andreas Stahl (NST)
- Kris Nyogi (PMB)
- Michi Taga (PMB)
- Maggie Kelly (ESPM, CE Spec.)

- Lee Borrowman (CAO)
- Kathryn Baldwin (Development)
- Mio Katayama Owens (Int. & Exec Programs)
- Joshua Dullaghan (OISA)
- Nicole Lowy (ESPM Manager)

- Daniel Iacafano (CEO, MIG)
- Dan Amsden (MIG)

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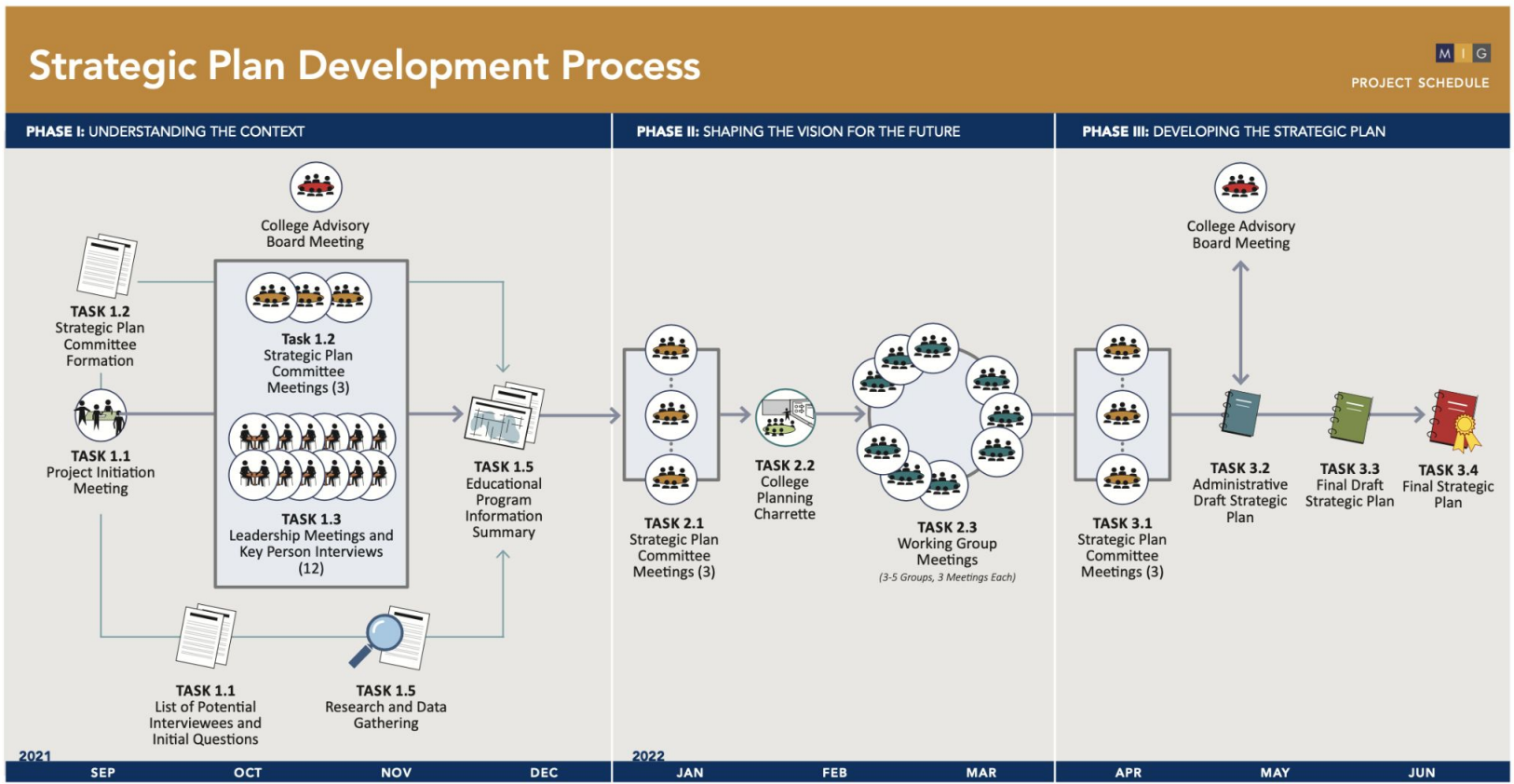
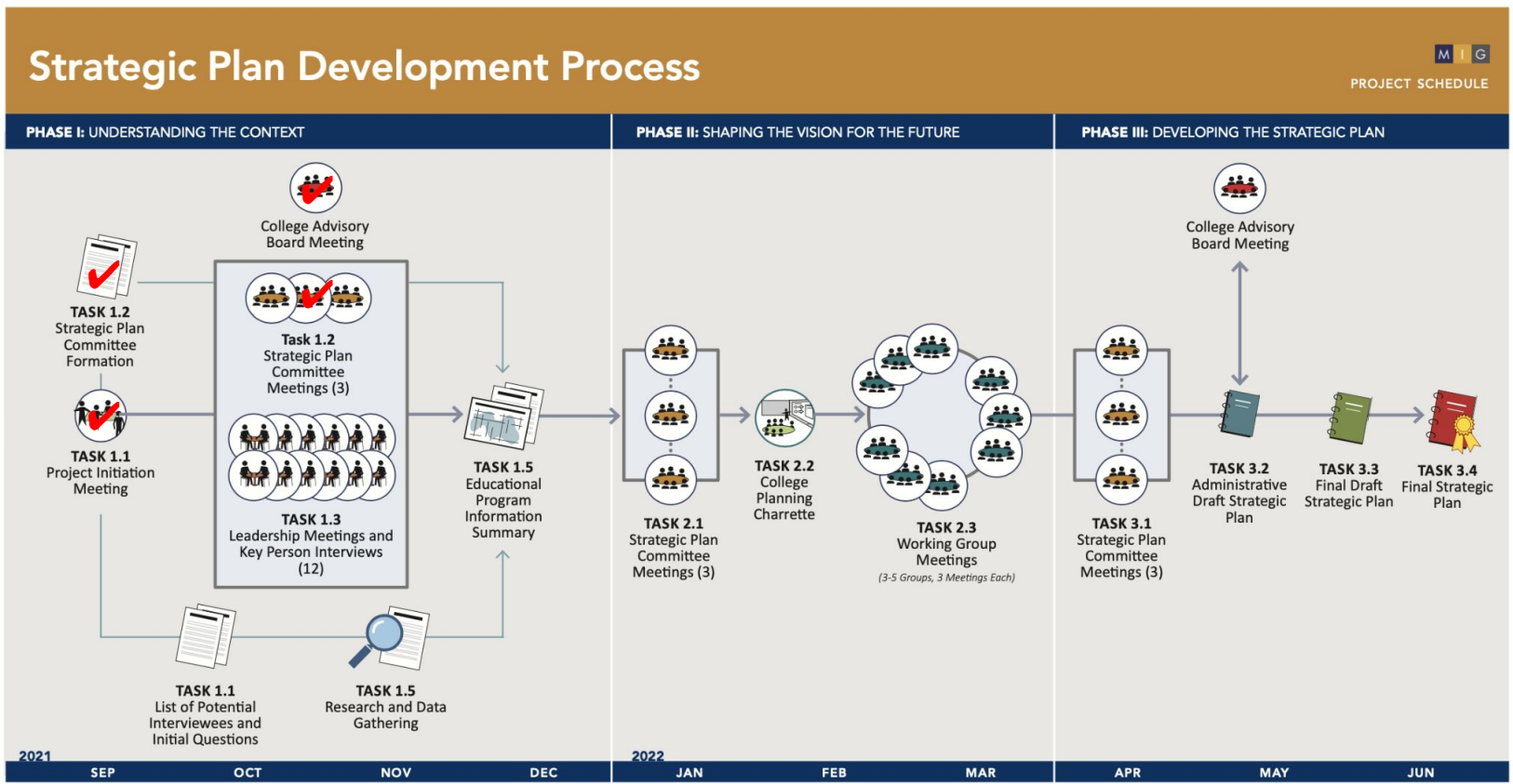
Strategic Plan Development Process

MIG
PROJECT SCHEDULE



Strategic Plan Development Process

PROJECT SCHEDULE



Acknowledgements

- Lee Borrowman
- Kathryn Baldwin
- David Tozer
- Ard Locht
- Joshua Dullaghan
- Tony Gamez
- Kate O’Neill
- Julie Gipple
- Joe Bunik

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And all of you!

Thank you

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