

CCST

ANNUAL REPORT

2023

Inside: California's Energy Future, AI, & more.

35

YEAR ANNIVERSARY
— 1988 - 2023 —

CELEBRATING 35 YEARS OF IMPACT

A look back and a vision
toward a resilient California.



2023 Annual Report

Design & Production

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Calif. Adobe Stock.

Acknowledgments

Grateful for the work
of 2008 Annual Report
author Steve Olson
for CCST history and
quotes.

Read online:

Read this report on our
website and discover
more ways that CCST
is making California's
policies stronger with
science and technology.



ccst.us/ccst-annual-report-2023



Vision from the
Board Chair

CCST's 35 years of success prepares us for the exciting developments and unforeseen challenges of the future, including the rapid development of artificial intelligence tools.



As we look back on 35 years of making California's policies stronger with science and technology, it's clear that CCST has thrived because of the far-reaching support of our partners and their researchers.

Through relationships with world-class experts, policymakers, philanthropic partners, and State government, we have responded to California's ever-changing needs and challenges. As these relationships have deepened over the decades, CCST has steadily increased our impact, addressing urgent issues like California's energy resources and clean energy future, oil and gas production, sustainable statewide water use, COVID-19, and wildfire.

In 2023, CCST organized and delivered expert-crafted insights on a wide range of disaster resilience challenges facing our state. Through the renowned CCST Science & Technology Policy Fellows program and our expanding suite of Science Services, CCST provided policymakers with timely expertise on climate change and the drive toward carbon neutrality, energy and land use efficiency, the human health impacts of wildfire smoke, and more.

With CCST stronger and more stable than ever, we can accomplish even more with our partners, not only to confront the challenges of today head-on, but to proactively shape a healthier future for all.

We are honored to have the trust of partners like you who are committed to a shared vision of California – a vision that places science and technology, equity, resilience, and innovation at the forefront. Complex problems require collaborative solutions, and when we work together across sectors, institutions, and disciplines, we show what's possible not only for California, but for the world. ■

Peter Cowhey, PhD

Peter Cowhey is the Dean and Qualcomm Professor Emeritus at the UC San Diego School of Global Policy and Strategy.



A handwritten signature in blue ink that reads "Peter F. Cowhey".

Peter Cowhey

Board Chair

UC San Diego

A Message *From the* **Interim CEO**



After 35 years, CCST is making more progress than ever, growing and innovating on our promise to make California's policies stronger with science and technology.



After earning my PhD in chemistry, I began my policy career as a CCST Science & Technology Policy Fellow a decade ago, before joining the CCST staff in 2016. In that time, CCST has grown and changed in remarkable ways. Through strategic planning, fundraising, and State budget asks, we secured the support necessary to grow our team and expand our Science Services. As CCST strengthened its reputation as a trusted source of independent, evidence-based advice, we expanded our network of world-class experts and deepened our relationships with California policy leaders.

In my various roles at CCST, I've had the privilege of launching new projects, programs, and initiatives that are still going strong today, including CCST's annual Science & Technology Week, our Expert Briefing series, Disaster Resilience Initiative, and the expansion of the fellowship program into the Executive Branch. In 2023, after leading the long-term strategy to secure state funding for the fellowship, I saw the fulfillment of CCST's \$30 million endowment fund, ensuring that the state has access to science and technology advice in perpetuity.

As we look toward the next 35 years of bridging the gap between science and policy, CCST is more committed than ever to the integrity of our work as we address crucial science, technology, and equity issues affecting California. In the process, we'll continue advancing diversity and inclusivity across all of our work, amplifying the work of our Partner Institutions, and innovating on how to best serve the needs of policymakers.

I'm so grateful for your continued support and partnership. Thank you for being a critical part of what we do! ■

Sarah Brady, PhD

Sarah Brady is Interim CEO at CCST, bringing years of experience in California State Policy, energy, and scientific research.



Sarah E. Brady

Sarah Brady

Interim CEO

CCST

The California Council on Science & Technology

Our Story

Thirty five years ago, in 1988, a coalition of policymakers and institutional leaders were seeking ways to catalyze the role of science and technology in shaping California's future in research, industry, and policy. The effort resulted in Assembly Concurrent Resolution 162—championed by then-Assemblymember Sam Farr and then-Senator John Garamendi—calling for the creation of CCST.

California has seen great advances and new challenges since then, and CCST has been invited as a voice of counsel at each turn. Over the past 35 years, our approach to partnering and facilitating dialogue across institutions—including our renowned **Partner Institutions**—and disciplines has allowed us to create a collective impact that exceeds what any single institution could accomplish on its own.

The pillars of our organizational identity—our core values of **service**, **independence**, and **partnership**—are anchored in our foundational commitments to diversity, equity, and inclusion.



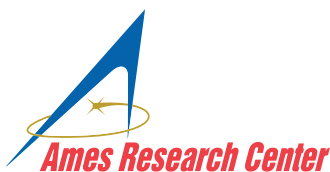
Our core values of service, independence, and partnership are foundational to our **science services** and guide all of our work.

With a team passionate about fulfilling our mission, we actively pursue experts from a broad range of disciplines and lived experiences to ensure we're incorporating a range of perspectives to get the best science toward enduring solutions.

— Brie Lindsey, PhD
Director, Science Services



CCST Partner Institutions



Science Services

The Human Health Benefits of Improving Forest Health in California

CCST and Blue Forest Study Investigates the Links Between Forest Management, Wildfire Smoke, and the Health Sector.

This [joint study](#) by CCST and Blue Forest evaluates and offers findings, conclusions, and recommendations to address the far-reaching impacts of wildfire smoke on human health and the health sector and explores the human health benefits of promoting forest health.

Follow-up on the report has included an expert briefing and outreach meetings with the California Air Resources Board, US Environmental Protection Agency, and the American Lung Association. The report also informed legislation introduced by California State Senator Marie Alvarado-Gil (SB 945) to allow state agencies to track and monitor air pollution, population exposure, and cases of adverse health outcomes due to wildfire smoke.

“ Collaboration makes us better.

Teaming up with Blue Forest allowed us to deliver even more robust recommendations for State policymakers, using our networks and respective expertise to identify the key issues and bring together forest managers, the health sector, and wildfire experts.

— Garbhita Shah
CCST Program Associate



//

We have an opportunity we shouldn't squander to lay the foundation for greater collaboration between the health sector and governmental air and land managers.

Steps taken now on wildfire smoke impacts will pay future dividends in our responses to, and preparation for, other natural disasters. Our shared focus should explicitly include vulnerable populations including Tribal communities, agricultural workers, pregnant people and many others.

— Jennifer Montgomery, Steering Committee Chair
The Human Health Benefits of Improving Forest Health in California



Wildland Fire Policy Accelerator

Collaborating for fast action on wildland fire policy

CCST partnered with the Federation of American Scientists, COMPASS, and Conservation X Labs to develop policy memos for the Federal Wildland Fire Mitigation and Management Commission, charged with providing wildfire policy recommendations to Congress. The policy accelerator recruited experts and trained them to develop their ideas into actionable policy memos. As a result of ongoing outreach with congressional offices, several report recommendations were included in a congressional [letter](#) to federal agencies urging them to take action to improve smoke data.

Federal Labs Impact Report



"Federal labs are advancing crucial technologies like artificial intelligence and remote sensing.

With nearly 20 years of partnership between CCST and our Federal Laboratory Affiliates, I'm excited to showcase the critical and cutting-edge research conducted by our partners to address climate change, manage wildfire risk, and so much more.



— John Thompson, PhD
Senior Science Officer, Partner Engagement

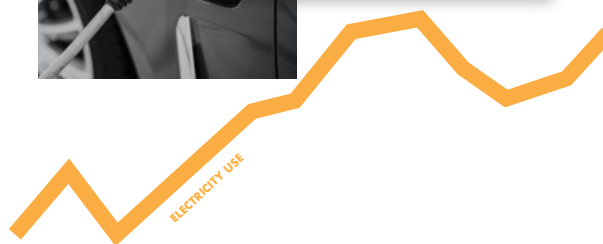


Key Challenges for

California's

Energy

Future



Eight Key Challenges Identified

1. Electrification and Grid Development
2. Utility-Scale Solar and Wind Development
3. Reliability and the Need for Clean, Firm Power
4. Decentralizing the Grid
5. Carbon Capture and Storage
6. The Future of the Natural Gas System
7. Decarbonizing Transportation
8. Cap-and-Trade

and electricity demand

Science Services: CCST Develops Energy Primer to Meet the Needs of Policymakers

Key Challenges for California's Energy Future explores eight high-level issues identified by the study team as top priorities.

In light of California's SB 100 goals toward 100% clean energy by 2045 and at the request of the State Legislature, CCST published "[Key Challenges for California's Energy Future](#)" to help current and incoming policymakers quickly get up to speed on key energy issues.

In order to identify priority issues for California's clean energy future, CCST consulted with policymakers and more than 30 experts across California's preeminent academic and research institutions. The resulting peer-reviewed energy primer offers an overview of California's energy transition prepared by the Steering Committee, followed by background on eight high-level key challenges, including environmental justice and equity considerations, key policies, and resources for more information.

Members of the study team have held presentations for the Capitol community, partnering with the Assembly Utilities and Energy Com-



CCST lead author Rhianna Hohbein, Steering Committee Chair Jane Long, and members Arun Raju (UC Riverside), Michael Mastrandrea (Stanford), and Colin Murphy (UC Davis) brief legislative staff on the primer.

mittee, as well as the California Latino Capitol Association Foundation, Asian Pacific Islander Capitol Association, and California Legislative Black Staff Association for briefings; participated in the joint SB 100 kickoff workshop hosted by the California Energy Commission, the California Air Resources Board, and the California Public Utilities Commission during a panel evaluating California's transition to 100% clean energy; and more.



Low-income and communities of color disproportionately experience the negative impacts of our current energy system.

Motivated by the dire and mounting risks of climate change and opportunities for a more prosperous, just, and healthy California, we are in the midst of a rapid transition of our energy system and other aspects of our economy that contribute to greenhouse gas emissions. Strong, rapid action guided by careful, evidence-based, and inclusive planning can help minimize the impact of climate change while securing a safe, prosperous, and equitable future for all Californians.

— “Overview of California’s Energy Transition,”
California’s Energy Future Steering Committee





// Science Day exemplifies what makes CCST special: partnering, convening, and having some fun while discussing ideas that shape our future. Working to make this happen was a thrill and a key opportunity for building relationships on the path toward resilience.

— Lyia Jalao
CCST Program Associate

Science Day and S&T Week



Inaugural “Science Day” at CNRA Kicks Off Science & Technology Week

CCST partnered with Natural Resources Secretary Wade Crowfoot to usher in Science Day, while celebrating S&T Week 2023.

Facing an ever-growing set of natural resource challenges, California has set ambitious goals to invest in climate resilience, protect its biodiversity, and ensure equitable access for all Californians to its natural resources. At [Science Day](#), we invited researchers from California’s many world-class educational and research institutions to leverage their expertise to complement the State’s efforts.

Kicking off CCST’s Science & Technology Week 2023, Science Day featured two panel discussions with leaders, “Successful Science-Based Partnerships,” and “A Cross-Sectoral Call to Action: Meeting California’s Climate Goals While Building Resilience.” Both are available to watch online.

Following Science Day, CCST hosted its 35th Anniversary Reception and Leadership Awards Ceremony, where it recognized

California Air Resources Board Chair **Liane Randolph** and California State Senator **John Laird** as recipients of the 2023 CCST Leadership Awards for Science in Public Service.

Throughout her career, Chair Randolph has demonstrated an ongoing commitment to promoting policies that advance science and technology in the state — especially in her roles as a California Public Utilities Commissioner, her time at the California Natural Resources Agency, and now as Chair of the California Air Resources Board.

Senator Laird’s deep commitment to promoting policies that advance science and technology in California is evident throughout his career, from his time as a California Assemblymember, to his work as Secretary of the California Natural Resources Agency, and now as a California Senator.



EXPERT

BRIEFINGS

Bringing together leading experts to discuss the urgent challenges facing California.

//

Expert Briefings are not the end of a conversation, but the start of an ongoing discussion.

They allow us to explore critical issues to California's environment and economy, keeping pace with the latest challenges. They lead to exciting new connections and ideas. In my work on California's energy future — and as we look toward the rapidly changing artificial intelligence environment — these briefings will be essential to sharing ideas and making progress.



— Rhianna Hohbein, PhD
Senior Science Officer

Lead Author, Key Challenges for California's Energy Future

Experts Engage California's Challenges to Find Solutions

CCST Expert Briefings Address Energy, Public Health, Cybersecurity, and More

CCST Expert Briefings, often held in partnership with State leaders of peer organizations, convene leading experts from CCST's Partner Institutions and beyond to address pressing scientific and technical questions facing California policymakers. The one-hour briefings provide insights into long-term, equitable solutions for challenges ranging from climate change and extreme weather events to microgrids and salinity.

In 2023, CCST held a series of six briefings, focused on identifying and addressing the key issues on the California policy landscape critical to ensuring long-term disaster resilience.

2023

Expert Briefings

[Lithium Extraction from Geothermal Brine](#)

Dec. 15, 2023

[Building a Domestic Lithium Supply Chain](#)

Nov. 9, 2023

[Study: Human Health Benefits of Improving Forest Health](#)

Sep. 21, 2023

[Agrivoltaics in California's Water-Energy-Food Nexus](#)

Aug. 14, 2023

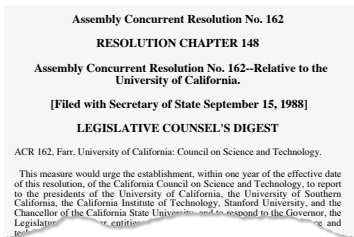
[Training Tomorrow's Cybersecurity Workforce](#)

March 29, 2023

[Innovations in Desalination](#)

Feb. 15, 2023

Looking back at 35 years.



The beginning.

ACR 162 (Farr) is filed in record with the California Secretary of State, formally chartering CCST.

1988

1989

The first meetings of the CCST Board and Council are held.

1992

Karl Pister

UC Santa Cruz Chancellor Karl Pister begins what would become 21 years of service as CCST Board Chair spanning an influential time of progress for CCST. In grateful memory (1925-2022).



"We didn't want to be just a think tank. We wanted to be a think and do tank."



Susan Hackwood

Founding Dean of Engineering at UC Riverside Susan Hackwood is appointed Executive Director by UC Board of Regents, beginning 23 years of leadership.

1995

Distinguished Experts

Senior Fellows program, now Distinguished Experts, is launched with funding from the Hewlett Foundation, bestowing the title upon 54 California leaders.

1997

NATIONAL ACADEMIES

Sciences
Engineering
Medicine

CCST and National Academies enter into a memorandum of understanding to cooperate to their mutual benefit.

An idea is born.

The CCST Science & Technology Policy Fellowship program is proposed, originally conceptualized as the California Science and Technology Experts in Residence (CASTER).

2003

Federal Laboratory Affiliates

CCST invites NASA and U.S. Department of Energy laboratories and centers to form the CCST Federal Laboratory Affiliates, marking the first time that CCST expanded its network of supporting institutions.

2004





The inaugural Fellows.

CCST welcomes 10 PhD scientists and engineers to Sacramento as the first class of CCST Science & Technology Policy Fellows.



As a pilot with the American Society of Mechanical Engineers, CCST places Fellow in executive branch.



Passing the torch.

Amber Mace named Executive Director.



With State support, CCST expands Fellowship, adds Executive Branch placements.

A national model.

Funded by Gordon and Betty Moore and Simons Foundations, CCST awards grants to 9 states exploring science policy fellowships.

Pandemic Response

In aftermath of COVID-19, CCST publishes 34 recommendations for pandemic response.

2009

Energy Future

CCST publishes series on California's Energy Future, exploring how to reach the state's goal to reduce emissions to 80 percent below 1990 level by 2050.

2014

Natural Gas Storage

The Governor signs SB 826 (Budget Act of 2016), requesting that CCST study the long-term viability of natural gas storage facilities in California. The report was published in 2018.

2017

30th Anniversary

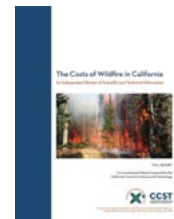
CCST celebrates 30 years with VIP reception at the Global Climate Action Summit in San Francisco.



2019

Wells and Wildfire

CCST publishes peer-reviewed reports on Orphan Wells in California and the Costs of Wildfire in California.



2022

2023

35th Anniversary

CCST holds 35th Anniversary Reception at CCST Science & Technology Week.

Endowment

CCST reaches \$30M Fellowship endowment.

High Impact Reports

CCST publishes Key Challenges for California's Energy Future and study with Blue Forest on health impacts of wildfire smoke and forest management.



CCST Science & Technology **Policy Fellowship**

14

Years

14

Fellows

14

**PhD
Institutions**

7

**States,
Countries, or
Territories**



2023 CCST Science & Technology Policy Fellows in front of the Sacramento State Capitol / Gurleen Roberts for CCST



“ CCST Science & Technology Policy Fellows continue to set a high bar for impact.

They bring passion, curiosity, and expertise to their roles as policy advisors. I am continually in awe of their ability to quickly learn entirely new skills and apply them for the benefit of California.

— Puneet Bhullar, MPPA
Interim Director of Policy Engagement,
Fellows Program Director



Fellows tour Feather River Fish Barrier Dam (pictured) and Oroville Dam, learning about salmon spawning and California energy production. | Kasey Schimke, Dept. of Water Resources

CCST Science & Technology Policy Fellowship

Placing PhD Scientists into Policy Careers

The [2023 class of Fellows](#) marked our **14th year** of placing PhD-level scientists, engineers, and social scientists directly into legislative offices, policy committees, State Agencies, and Offices of the Governor. These 14 Fellows applied their diverse technical research backgrounds to their work with the State of California's leading and priority-setting policy institutions.

Working in placements that included the California Governor's Office of Planning and Research, California Natural Resources Agency, Assembly Utilities and Energy Committee, California Department of Insurance, Senate Environmental Quality Committee, California Air Resources Board, Assembly Transportation Committee, and more, CCST S&T Policy Fellows made an impact across a range of policy and regulatory fields.

The 2023 class arrived for training at CCST's Sacramento headquarters on November 1, 2022. During their training, the Fellows dove into California's rich political history and learned how California's policymaking process works, from idea to implementation.

Altogether, CCST S&T Policy Fellows have worked on **over 1,400** bills, briefings, hearings, and bill analyses. There are now [158 alumni](#) of the program, many of whom serve in positions in legislative offices and agencies. With the arrival of the 2024 class in November, **172 Fellows** have now been trained to work directly with policymakers as trusted staff.

Fellows Perspectives

'23 Fellows share their path from science to policy.

[Algae to Energy: My Path from Marine Biology to Science Policy](#)

Sam Mahanes

[Bee-yond the Lab Bench: From PhD to Sustainable Pest Management Policy](#)

Elana Varner

[Q&A: From Polymers to Policy](#)

Sophia Chan

[Four Roles I Played in the Legislature](#)

Theresa Keates

[The Room Where it Happens](#)

Jeanmarie Gonzalez

[How Extracurriculars Shaped my Policy Career](#)

Stephanie Mitchell

[Embracing a Sense of Community](#)

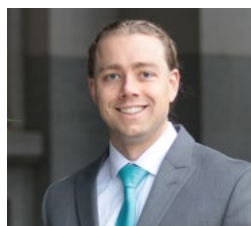
Ope Oyewole

"With the CCST fellowship, community was alive and well and available to me every step of the way."



2023 CCST Science & Technology Policy Fellows

■ Assembly ■ Senate ■ Executive Branch



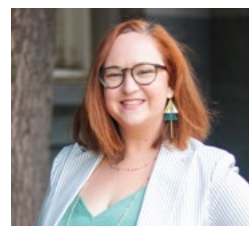
Sam Mahanes
Assembly Utilities & Energy
Committee
PhD: Biological Sciences, UC Irvine
BS: Biology, University of Miami



Stephanie Mitchell
Assembly Water, Parks, and
Wildlife Committee
PhD: Chemistry, University of Minnesota
BS: Chemistry, Butler University



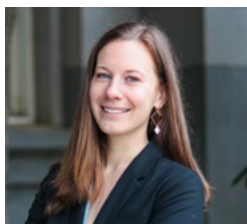
Dirk Jamal Spencer
Assembly Transportation
Committee
PhD: Cellular Molecular Organismal Biology,
Stanford University
BS: Genetics, University of Wisconsin-Madison



Aiyana Cortez
Senate Housing Committee
PhD: Biophysics, UC Davis
BS: Microbiology, Cal State Long Beach



Jeanmarie Gonzalez
Office of Senator Durazo
PhD: Biomedical Sciences, UCSF
BA: Molecular and Cell Biology, UC Berkeley



Theresa Keates
Senate Environmental Quality
Committee
PhD: Ocean Sciences, UC Santa Cruz
BS: Biology, Western Washington University



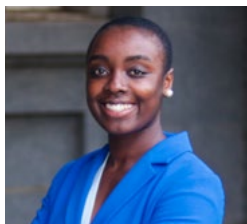
Sophia Chan
Department of Toxic Substances
Control
PhD & MS: Chemical Engineering,
Columbia University
BS: Chemical Engineering, UC Berkeley



Anh L. Diep
Calif. Natural Resources Agency,
30x30 California
PhD: Quantitative and Systems Biology,
UC Merced
BS: Biological Sciences: Immunology and
Microbiology, UC Merced



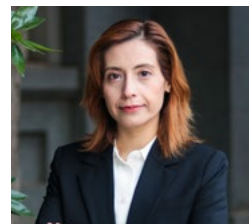
Paul Furumo
Calif. Air Resources Board,
Office of the Chair
PhD: Environmental Sciences, University
of Puerto Rico-Rio Piedras
BSc: Biology, Univ. of Hawai'i at Mānoa



Opeoluwa O. Oyewole
Calif. Department of Insurance,
Climate and Sustainability Branch
PhD: Immunology, Pathology, and Infectious
Diseases, Univ. of Nebraska Medical Center
MS: Biochem., Univ. of Tulsa **BS:** Biomedical
Chemistry, Oral Roberts University



Elyse Pennington
Governor's Office of Planning &
Research, Precision Medicine
PhD: Chemical Engineering, Caltech
BS: Chemistry, Harvey Mudd College



Alejandra Rios
Calif. Energy Commission,
Office of Chair Hochschild
PhD: Physics and Biology in Medicine, UCLA
MS: Physics, Cal State LA
BS: Biochemistry; Biophysics, Cal State LA



Elana Varner
Department of Pesticide
Regulation, Executive Office
PhD: Biological Sciences, Simon Fraser University
BS: Pre-Veterinary Sciences, University of
Massachusetts Amherst



Diana Zamora-Reyes
Calif. Strategic Growth Council,
Climate Change Research Prog.
PhD: Hydrology, University of Arizona
BS: Environmental Geosciences,
University of Texas at El Paso

Board of Directors

// Serving as a member of the CCST Board of Directors has been a rewarding journey. Working in collaboration with CCST's wide network of policy leaders, philanthropic supporters, and S&T experts, the Board is able to truly effect change toward a better, more equitable California.

// California's Federal Laboratories are global leaders in innovation, helping to create a resilient future and a prosperous economy. Partnering with CCST opens up pathways of collaboration to further our shared goals for California.



Chair
Peter Cowhey
UC San Diego

Dean & Qualcomm Prof. Emeritus,
Global Policy and Strategy



Vice Chair
Lisa A. Rossbacher
Cal Poly Humboldt

President Emerita



Secretary-Treasurer
Ishwar K. Puri
USC

VP of Research; Prof., Aerospace
and Mechanical Engineering



Carol Burns
Berkeley Lab

Deputy Director for Research
and Chief Research Officer



Erika Bustamante
Stanford University

Assistant Vice President of
State Government Affairs



Richard Flagan
Caltech

Professor, Chemistry and Chemical
Engineering & Engineering and Applied
Science



Bernadette Glenn
WHH Foundation

President



Pramod Khargonekar
UC Irvine

Vice Chancellor for Research and
Dist. Prof. of Electrical Engineering
and Computer Science



Theresa Maldonado
UC Office of the President

Vice President for Research &
Innovation



Andrew McIlroy
Sandia National Laboratories

Integrated Security Solutions
Associate Labs Director



Ganesh Raman
California State University

Assistant Vice Chancellor, Research



Jeffrey Scott
UC San Diego

Lecturer, School of Global Policy
and Strategy



Eugene Tu
NASA's Ames
Research Center

Center Director



Elizabeth A. Hadly
Stanford University

Professor, Environmental Biology; Faculty
Director of Jasper Ridge Biological
Preserve



Bruce B. Darling
National Academies

Executive Officer (Retired)



Charles E. Harper
Jariet Technologies

Chairman & CEO

Thank you. Bruce and Charles each devoted more than 20 years of service to the Board, transforming CCST into the innovative and impactful organization it is today.

Revenues (2023)

State Contributions	\$10,000,000
Partner Institutions	\$803,775
Donations	\$516,601
Program Grants	\$74,899
Investment Income	\$4,650,897
Other	\$270,028
Total Revenue	\$16,316,200

Expenses (2023)

Program Services	\$2,741,517
Management & General	\$1,074,938
Fundraising	\$180,136
Total Expenses	\$3,996,591

Fellows Endowment

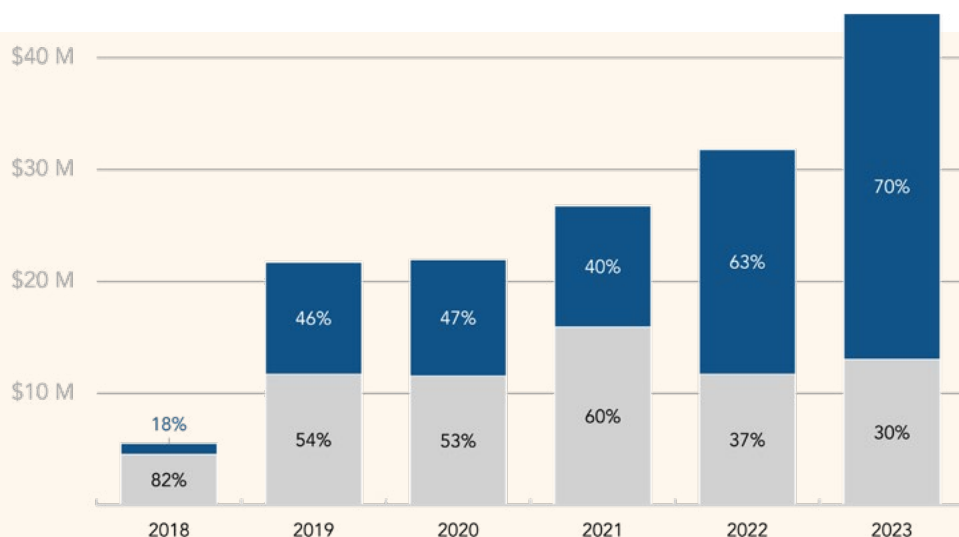
Cash on hand	\$30,000,000
Percent of Goal	100%

In 2023, CCST reached its \$30 million endowment goal to fund the CCST Science & Technology Policy Fellowship.

Total Assets

2018	\$5,542,943
2019	\$21,733,405
2020	\$21,975,372
2021	\$26,765,030
2022	\$31,810,158
2023	\$43,970,853

■ Endowed ■ Expendable



Numbers here represent the result of our 2023 financial audit. Full financial statements, audited annually, are available [upon request](#). CCST receives financial support from our partners, the State of California, and private philanthropists.

Thank you to our generous supporters who make our mission possible.

The State of California

Gordon and Betty Moore Foundation

WHH Foundation

S.D. Bechtel, Jr. Foundation

TOSA Family Foundation

Heising-Simons Foundation

Buzz Woolley

Chan Zuckerberg Initiative

The Koshland Foundation / Doug Koshland & Mary Porter

James & Rebecca Morgan Charitable Foundation

The Rutter Foundation

Jewish Community Foundation / Irwin and Joan Jacobs

William and Flora Hewlett Foundation

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Eucalyptus Foundation / Ted Geballe Kingfisher

Bruce & Betty Alberts

The Ralph M. Parsons Foundation

Corey S. Goodman & Marcia Barinaga

Stuart Foundation

C. Gordon & Gwendolyn Bell

Joseph & M.H. Walkush

Rita Allen Foundation

Miriam E. John

Burton and Deedee McMurtry

Robert & Evi Byer

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Beatriz Palomino Young / Semptra Energy Foundation

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Edward E. Pehnoet & Camille Stahl Penhoet

Bruce Darling

F. Noel Perry / Next 10

Amber Mace & Ken Kowaleski

Marianne Walck

David J. & Kathleen Goldston

Maxine Savitz

Loring & Beverly Wyllie

Theresa Maldonado

Patrick & Daranee Lee

George & Tara Holbrook

Karl Pister

Alan & Annamarie Louie



Making California's Policies Stronger with Science and Technology Since 1988.

   @CCSTorg /   @CCSTfellows

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