CTSA Program Webinar

September 25, 2024

Agenda

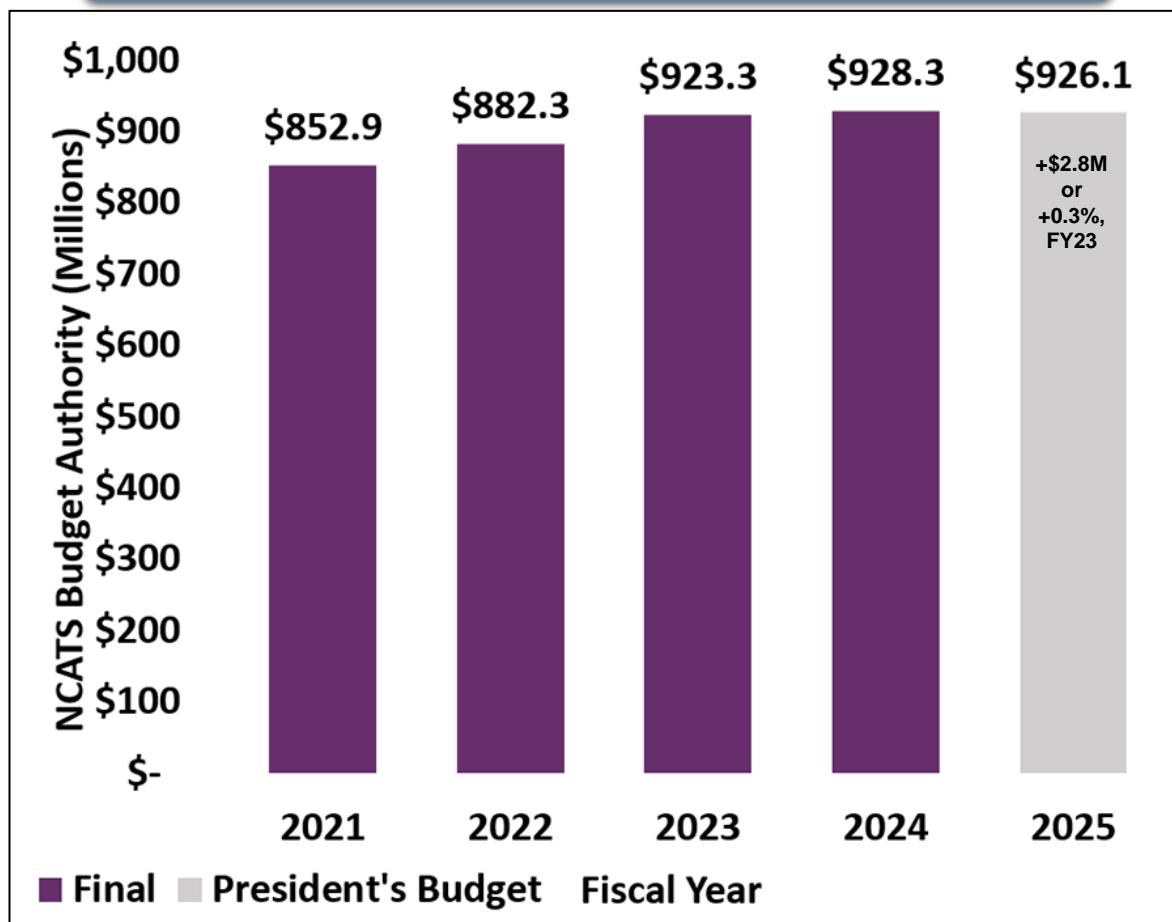| TIME	TOPIC	PRESENTERS
2:00 PM ET	Welcome	Lauren Fitzharris, M.P.H., P.M.P. CCOS
2:01 – 2:10 PM	NCATS/CTSA Updates	Erica Rosemond, Ph.D. NCATS
2:10 – 2:15 PM	CCOS Updates	Kerry James, M.P.H., P.M.P. CCOS
2:15 – 2:30 PM	NIH Care Update	Antonella (Tony) Punturieri, Ph.D, M.D. NIH
2:30 – 3:00 PM	CTSA Dental Schools Program	Erica Rosemond, Ph.D. Raj Prasad (Ruth O'Hara, Ph.D.) Stanford David Lam, M.D., Ph.D., D.D.S. University of the Pacific
3:00 PM	Adjourn	

National Center for Advancing Translational Sciences

FY 2025 NCATS President's Budget

Funding History

NCATS Budget Authority (Millions) by Fiscal Year

- 2021: $852.9
- 2022: $882.3
- 2023: $923.3
- 2024: $928.3
- 2025: $926.1 (+$2.8M or +0.3%, FY23)

Legend: ■ Final ■ President's Budget

FY24 Budget by Activities
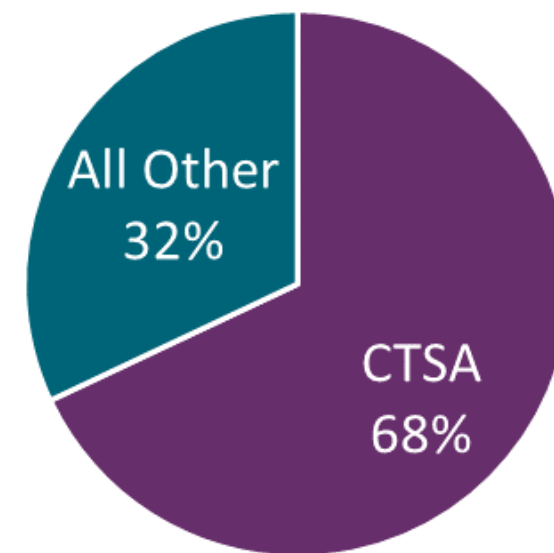
- All Other 32%
- CTSA 68%

NCATS Appropriations

https://ncats.nih.gov/about/budget

FY24 CTSA Program Hubs

Chicago 3x

Boston 3x

NYC 6x

LA 2x

San Diego 2x

Houston 2x

CTSA Program Hubs

UL1 & UM1 (n = 52) ●

FY24 UM1s (n = 11) ◆/◆

New CTSAs are shown in red

Fiscal Year 2024
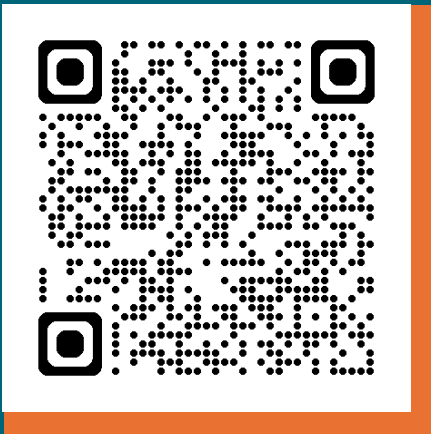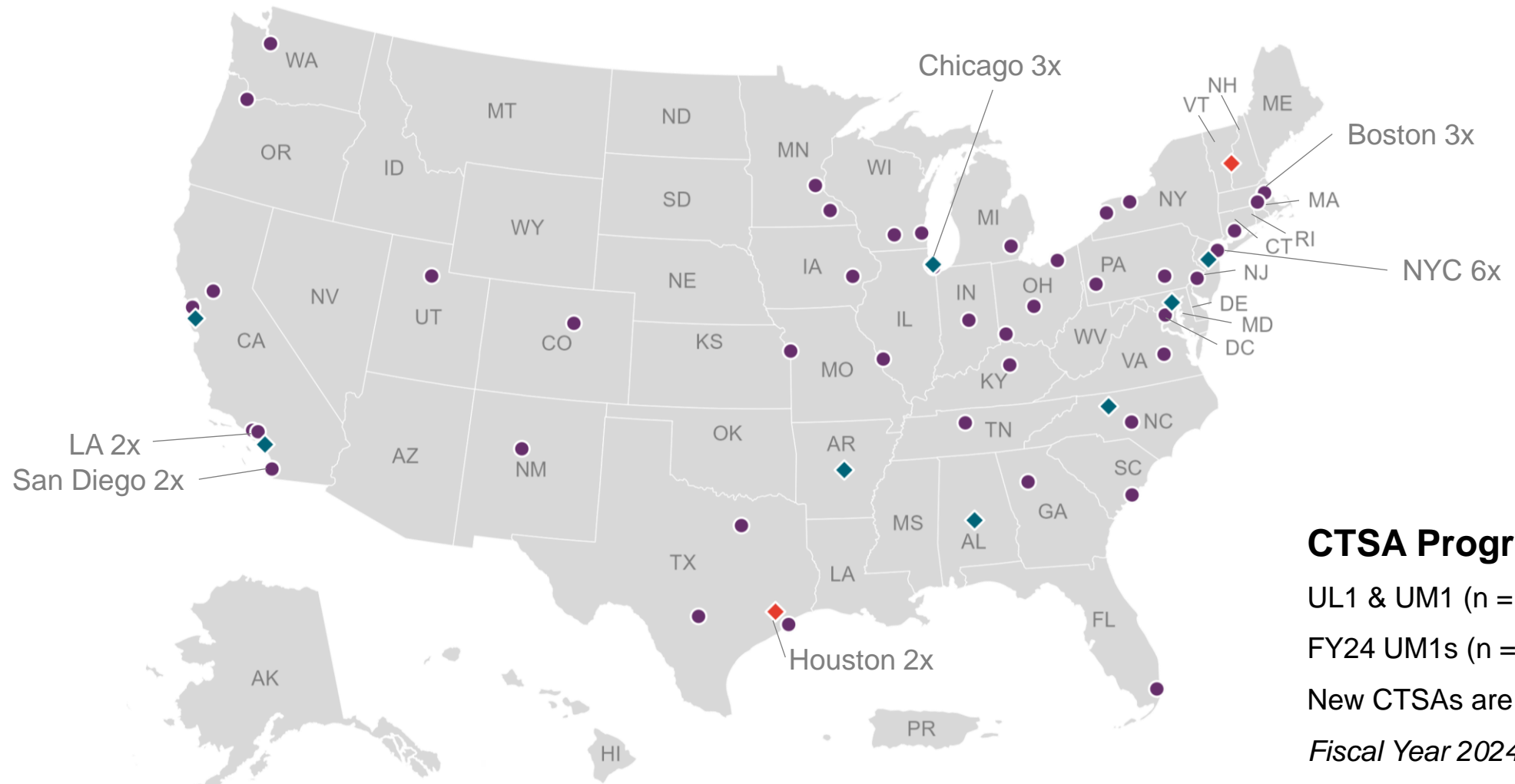
NCATS Advisory Council
September 19, 2024

- Program Update Presentation: Division of Clinical Innovation

  - Michael G. Kurilla

- Advisory Council Letter to the NCATS Director

  - Formally requesting the initiation of a process to transition NCATS to an Institute

- Agenda

- Videocast

Seeking New CTSA Program Steering Committee Members!

- NCATS is seeking **4UL1/UM1 PIs** to serve on the committee for the next 2-3 years (2025 – 2028).
- If you would like to self-nominate or suggest a fellow PI, please submit the PI name, institution, and brief explanation by **Wednesday, October 16th** **(here)**

The eligibility criteria for SC appointments:

- A PI must be officially named in the Notice of Grant Award of an active CTSA Program hub
- The PI's hub award must have at least 3 years remaining during the project period
- The PI has not served on the SC since December 2018
- Please Review expectations and responsibilities **(linked here)**

Clinical and Translational Science Award
(UM1 Clinical Trial Optional)

- PAR-24-272: Released September 4, 2024

- First receipt date: March 13, 2025 (6 months to prepare)

- Highlights:
  - No significant changes – this is a renewal of PAR-21-293
  - Element D: Clinical and Translational Science Resources and Pilots
    - Module D3 – Name change from Health Informatics to Data Science (to be more inclusive, representing the goal of supporting and performing the most cutting-edge research across the field of translational science, and to be aligned with NIH priorities)
    - Included language and examples encouraging research as well as service
  - Element E: Clinical and Translational Science Research Program
    - Increased the page length from 6 to 12 pages, only 1 single initial discrete project

- Technical Assistance Webinar Date – Coming Soon!

- Questions: Email: CTSANOFOQuestions@mail.nih.gov FAQs: here

Other Updates on the CTSA Suite of Funding Opportunities

- Notices of Intent to Publish the UM1, K12, T32s and R25s were published <u>very early</u> (February 22, 2024) with the intention to alert the community that all the opportunities were to be renewed (<u>renewed = no significant changes</u>) and indicated that the CTSA suite was intended to be published in the summer of 2024 with an expected application due date in January 2025 (best laid plans!!)

- NCATS remains committed to ensuring CTSA hub PIs have 6 months lead time to prepare the UM1 application and will accommodate the compressed timeline which will have no impact on when awards will be made

- Other opportunities (K12, T32s, R25) are delayed due to NIH funding opportunity templates being revised NOT-OD-24-149, however, the intent is to have these mechanisms released with the same first receipt date as the UM1 (due to CTSA Suite eligibility requirements).

NCATS Small Business Innovation Grants

Topics of High Interest:

- Preclinical Drug Discovery & Development

- ==*Biomedical, Clinical & Health Research Informatics*==

- ==*Clinical, Dissemination & Implementation Research*==

Other SBIR/STTR:

- Small Business Transition Grant for New Entrepreneurs

  - SBIR: **PAR-24-131** / STTR: **PAR-24-133**

- Addressing Health Inequities in Clinical Diagnostics

  - SBIR: **PAR-24-158** / STTR: **PAR-24-157**

- Miniaturization and Automation of Tissue Chip Systems (MATChS)

  - SBIR: **RFA-TR-23-017** / STTR: **RFA-TR-23-018**

NIH Loan Repayment Program

Online Application Period: Sep 1, 2024 - Nov 21, 2024

- [Extramural Loan Repayment Program for Clinical Researchers (LRP-CR)](#) (NOT-OD-24-134)

- [Extramural Loan Repayment Program for Pediatric Research (LRP-PR)](#) (NOT-OD-24-135)

- [Extramural Loan Repayment Program for Health Disparities Research (LRP-HDR)](#) (NOT-OD-24-136)

- [Extramural Clinical Research Loan Repayment Program for Individuals from Disadvantaged Backgrounds (LRP-IDB)](#) (NOT-OD-24-138)

- [Extramural Loan Repayment Program for Contraception and Infertility Research (LRP-CIR)](#) (NOT-OD-24-139)

- [Extramural Loan Repayment Program for Research in Emerging Areas Critical to Human Health (LRP-REACH)](#) (NOT-OD-24-137)

  - [REACH Priority Statements](#) for NCATS:

    - Data science and health informatics to provide clinical decision support of health care providers

    - Telehealth and mobile health research approaches to improve the health of under-served and under-represented populations

NCATS POC: Dr. David Wilde: wilded@mail.nih.gov   https://www.lrp.nih.gov/

Agency for Healthcare Research & Quality (AHRQ) Funding Opportunity

- State-based Healthcare Extension Cooperatives to Accelerate Implementation of Actionable Knowledge into Practice (U19) ([RFA-HS-24-004](#))

  - See: [press release](#)

  - Technical Assistance Webinar on September 27th [NOT-HS-24-025](#)

  - Contact: Matthew Simpson, MD, MPH Email: [AHRQ_HES@ahrq.hhs.gov](#)

- Coming soon! Two additional funding opportunity notices for:

  - National Coordinating Center

  - National Evaluation Center to support the Healthcare Extension Cooperatives

- Updates about these as well as other information can be found on [AHRQ's Healthcare Extension Service website](#)

Upcoming Dates to Remember

Next CTSA Program Webinar
==Last webinar of 2024!==
October 23, 2024; 2-3 PM ET. Register here.

CCOS Updates

Kerry James

CCOS

Fall 2024 CTSA Program Meeting

Theme: Building CTSA Program Impact through Innovation, Collaboration and Equity

Date: November 13-15

Location: Bethesda North Marriott

- Registration closes on **Nov 1st**

- Hotel Room block closes **on Oct 22nd**

- Poster Submission portal closes on **Oct 25**

See more details on the CCOS Website

Questions? Contact FallMtg@ccos.ctsa.io

CCOS

CTSA Program Meeting Agenda – Nov 13th

November 13	
8:30am – 11:30am	TIN Meeting
10:00am – 6:00pm	Hub Administrators Meeting
1:30pm – 6:00pm	Steering Committee Meeting

UPDATE: The U-PI meeting has been moved to Nov 14th at 6pm-7pm

CTSA Program Meeting Agenda – Nov 14th

November 14		
8:30am – 9:00am	**Session1**: Welcome	Mike Kurilla, NCATS Ruth O'Hara, Stanford
9:00am – 10:30am	**Session 2:** CTSA Collaborations with Primary Care Practice-Based Research Networks (PBRNs)	Invitations pending Moderator: Cynthia Morris, Oregon Health & Science U
10:30am- 11:15am	**Session 3:** Keynote	Monica Bertagnolli, NIH (Invited)
11:30am - 12:15pm	**Poster Session A**	
12:15pm -1:45pm	*Break*	
1:45pm - 3:15pm	**Session 4:** PCORnet / TIN / ENACT / N3C Engagement	Dan Hanley, Johns Hopkins Emily Pfaff, UNC School of Medicine Steven Reis, U of Pittsburgh Elizabeth Shenkman, U of Florida
3:30pm- 4:15pm	**Poster Session B**	
4:15pm- 5:45pm	**Session 5**: Equity in Focus: Advancing Women's Health Research through Diversity Action Plans	Janine Clayton, NIH (Invited) Jenica Patterson, ARPA-H Tiffany Whitlow, Acclinate Moderator: Gelise Thomas, Case Western Reserve
6:00pm-7:00pm	UPI Meeting	Networking Session Facilitators TBD

CCOS

CTSA Program Meeting Agenda – Nov 15th

November 15		
8:00am- 9:15am	**Session 6**: CTSA Experiences with Transition from Translational Research to Translational Science	Patricia Wimokur, U Iowa Julie Johnson, Ohio State Julie Lumberg, U Michigan Moderator: Ted Wun, UC Davis
9:30am- 10:45am	**Session 7:** Application of Generative AI and Large Language Models in Translational Science	Matthew DeCamp, U of Colorado Menisha Desai, Stanford Eneida Mendonca, U Cincinnati (Invited)
11:00am – 12:30pm	**Session 8**: Element E/RC2/303 Approaches	Ange-Therese Akono, NC State Geoff Curran, U of Arkansas Thomas Houston, Wake Forest Ruth O'Hara, Stanford Olena Taratula, Oregon State Moderator: Mike Kurilla
12:30pm – 1:00pm	**Closing**: Poster Awards, Top Ten Takeaways	Mike Kurilla, NCATS Ruth O'Hara, Stanford

2024 Fall Poster Submissions

Poster Submission portal is **open** on [CCOS website](#)

- **One poster per hub** related to meeting theme

- Poster presenter **not** limited to scholars and trainees

- Hub PIs (U, K and Ts) and Hub Administrator work together to select the poster author to represent hub

- Hub Administrator to submit the poster for their hub

Poster Submission portal to close on October 25th

Poster Gallery to open on November 6th

CCOS

# Poster Session Jury and Awards

- Poster Sessions will take place on Nov 14th
  - All posters will remain up throughout the day
  - Presentations will be spread across two sessions (one in am and one in pm)
- Poster session will be juried (~20-26 jury members)
- Posters will be evaluated for:
  - Scientific Value, Presentation Delivery, Poster Design
  - How best they exemplify Innovation, Collaboration and / or Equity
- Awards (8 total)
  - Best overall scores (5 awards)
  - Also awards for top equity, collaboration, innovation posters (3 awards)

Cvent Conference Website & Mobile App

Fall 2024 [Website](#) Live!

Fall 2024 Mobile App
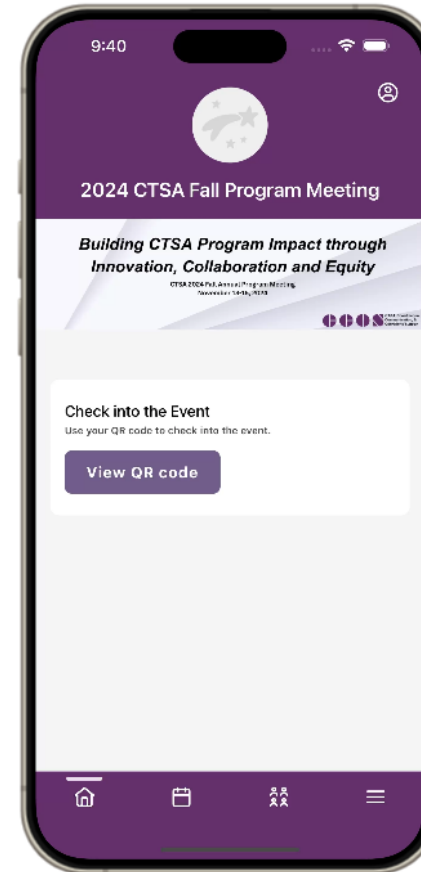
- For Registrants only (both virtual and in person)
- Access to the mobile app will be included in the "Before You Arrive" email the week before the Meeting.
- You may download the CVENT App in the app store.

Cvent Conference Website & Mobile App

- The detailed CTSA Program Agenda is now on [Cvent Fall Meeting website](#)

- You may access the link to the full agenda on the [CCOS Fall Meeting webpage](#)

Meeting Details

Registration

Poster Submission

Poster Gallery

2024 Fall CTSA Program Annual Meeting

November 13, 2024 - November 15, 2024

Building CTSA Program Impact through Innovation, Collaboration, and Equity

The Fall 2024 CTSA Program Annual Meeting brings together personnel from CTSA Program Hubs with active grants for networking, sharing best practices and knowledge sharing. Topics to be addressed include:

- Primary Care Practice-Based Research Networks (PBRNs)
- PCORnet
- The Women's Health Initiative and DEI
- Translational Research to Translational Science
- Generative AI and Large Language Models in Translational Science

Agenda

The agenda for the Fall CTSA Program Meeting can be accessed below.

Agenda

Decentralized Clinical Trials Collaborative Workshop
Co- Sponsored by:
CTSA Coordination, Communication & Operations (CCOS) Support
University of Southern California Clinical and Translational Science Institute

University of Southern California • Children's Hospital Los Angeles

SCCTSI SOUTHERN CALIFORNIA CLINICAL AND TRANSLATIONAL SCIENCE INSTITUTE
Translating Science into Solutions for Better Health

CCOS CTSA Coordination, Communication, & Operations Support

Wednesday

February 12, 2025

8:00 am – 4:30 pm PT

In-Person Event

The California Endowment

1000 North Alameda Street

Los Angeles, CA 90012

Event Page

Registration is Open!

Scan Here to Register

TEAM SCIENCE

Why Attend?

Who's Invited

- CTSA Program Representatives
- Researchers
- Clinicians
- Policymakers
- Healthcare innovators
- Opinion leaders
- Other healthcare professionals
- Industry

Panel Sessions

- Demystifying Decentralized Clinical Trials (DCT)
- Building Successful DCT: Key Components
- Navigating the Evolving Landscape

Opportunities

- Form teams around DCT research
- Learn about the ways the CTSA have and can support DCT
- Networking

TEAM SCIENCE

Stay Updated on Collaborative Workshops!

Visit ccos.ctsa.io/groups/collaborative-workshops

Email collaborative_workshop@ccos.ctsa.io

Thank you!

TEAM SCIENCE

Next Cycle for Working Group Proposals – Closing Soon!

Working Groups Proposal Submission portal for Cycle XIII open on CCOS website during the month of **September 2024**

- The proposal submission period opened on **September 1st**
- All proposals should be submitted no later than **September 30 at 3pm ET**

System Live Sept 1st	→	Proposals Due Sept 30th	→	SC Votes December	→	Earliest WG Start January1st
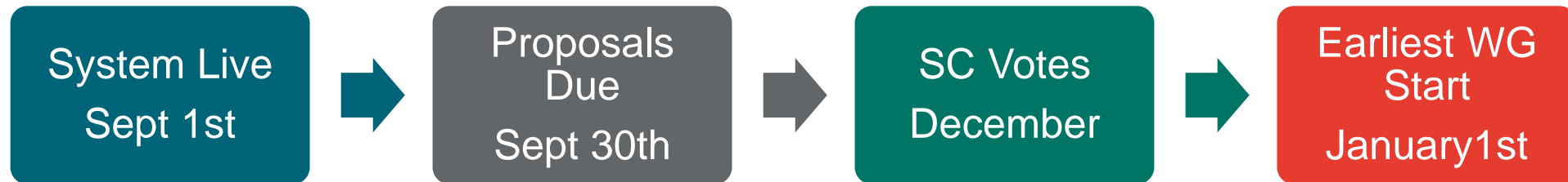
CCOS Website Account

Getting Started

Get step-by-step guidance on getting started including how to create a CCOS account and how to log in can be found here:

Getting Started Page

Account Access Includes:

- Meeting Materials/Archives

- Collaborative Workspaces /Discussion Forums

- CTSA Hub Directory

Questions? Please email support@ccos.ctsa.io

Want to stay up to date on the CTSA Program?

Follow this link or scan the QR code to join the CCOS All Communications Email List to receive CTSA Program communications and updates:

http://eepurl.com/iw9nZA

Scan to Receive CTSA-wide Communications

Remember to add communications@ccos.ctsa.io to your contacts list to prevent important CCOS emails from ending up in your spam folder!

CCOS

The health of the U.S. population is declining.

Decline is steepest among the underserved and underrepresented.

Communities Advancing Research Equity (CARE) for Health™

"**Clinical trials should reflect the diversity of Americans** – because we know that delivers the best results. We are taking a big step towards ensuring communities that are historically underrepresented in clinical research are fully included and have the same access to the best available results and analysis. **There has never been more potential for progress than we have today**."

– HHS Secretary, Xavier Becerra

EDITORIAL

Connecting lab, clinic, and community

"...the network will offer a wider menu of studies..."

–Monica M. Bertagnolli

Read the announcement

National Institutes of Health

Establishing an NIH Network for Research in Primary Care Settings

Coordinated infrastructure that embeds innovative research into routine clinical care in primary care settings to:

- Support primary care-based clinical research in mission areas **spanning prevention and treatment** and with a **focus on health equity and whole person health**

- Establish a foundation for **sustained engagement with communities underrepresented** in clinical research

- Implement **innovative study designs suitable for primary care settings** that address common health issues, inform clinical practice, and enhance dissemination and implementation

...thereby facilitating and accelerating research advances for adoption and implementation into everyday clinical care, improving health outcomes, and advancing health equity for all

NIH National Institutes of Health

Approach to Network Building

Expand enrollment efforts of existing NIH studies and develop new studies as the infrastructure is established

Partner with existing clinical research networks and resources, expanding with new collaborations as the network grows

Engage primary care sites and their community network partners on prioritizing and planning research

Implement study designs across the landscape of clinical trial innovations to minimize burden on patients and providers

Key Components
Practice-Based and Patient-Centered | Research Prioritization and Planning | Clinical Study Innovations | Sustained Community Engagement

NIH National Institutes of Health

Potential Synergistic Partnerships

Infrastructure to Embed Research into Primary Care

Community Engagement

Clinical Science Center

Network Research Hubs

Infrastructure components anticipated to be piloted and implemented

Operations Center

Independent Review and Monitoring Boards

Industry Partnerships

NIH National Institutes of Health
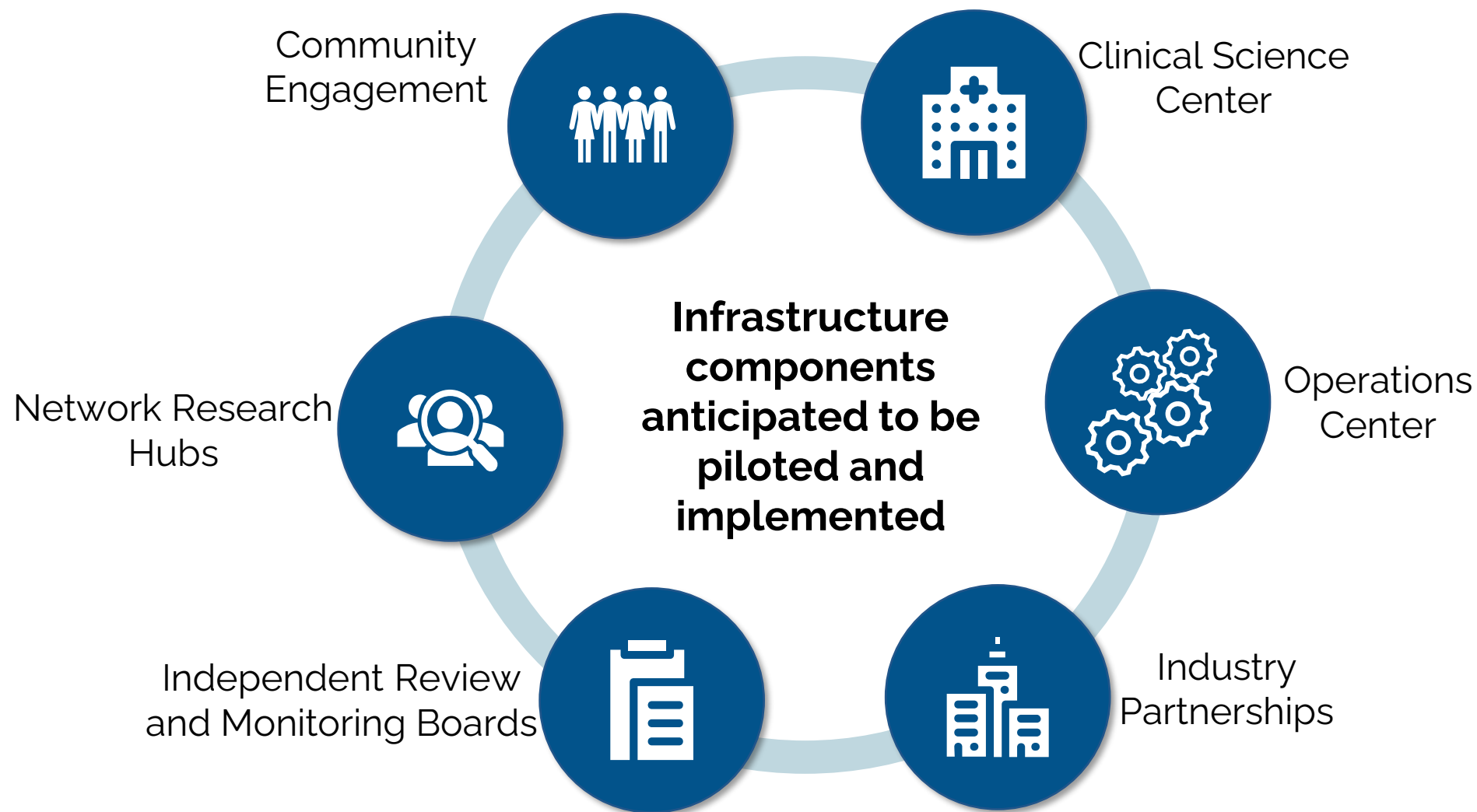
Network Research Hubs

Key Elements of Pilot Launch

- Leveraging existing clinical research Networks for rapid launch

- Focusing on populations that are medically under-served and historically under-represented in biomedical research, with emphasis on rural populations in pilot phase
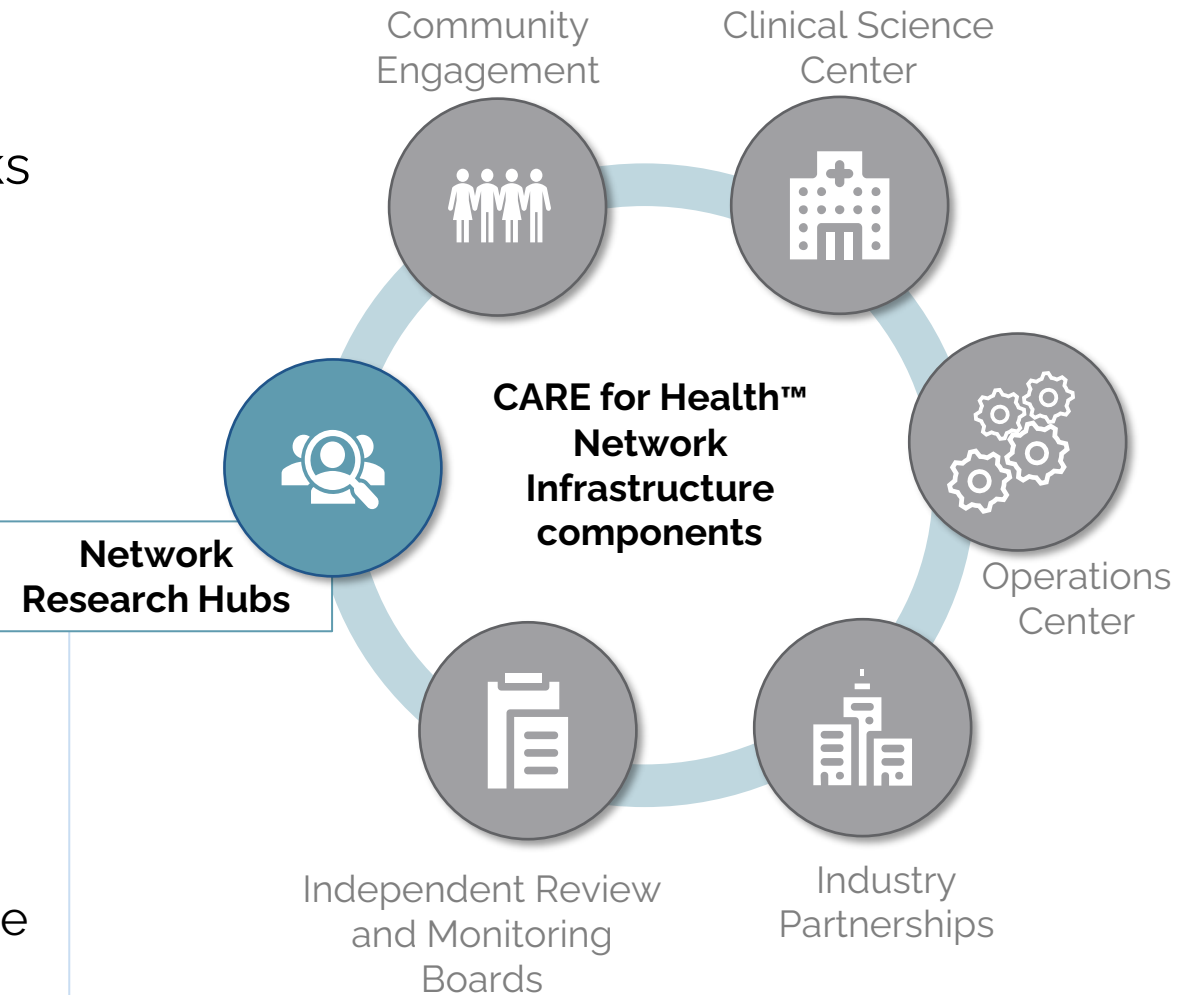
Research Opportunity Announcement (ROA):

Integrating Clinical Research into Primary Care Settings through Network Research Hubs – A Pilot (OT2)

Purpose: Invite applications for organizations to serve as "Network Research Hubs" and establish infrastructure to conduct clinical research in rural primary care settings as a two-year pilot

Community Engagement

Clinical Science Center

CARE for Health™ Network Infrastructure components

Network Research Hubs

Operations Center

Independent Review and Monitoring Boards

Industry Partnerships

National Institutes of Health

CARE for Health™ Research Opportunity Announcement (OTA-24-016) for Network Research Hubs: Initial Awards

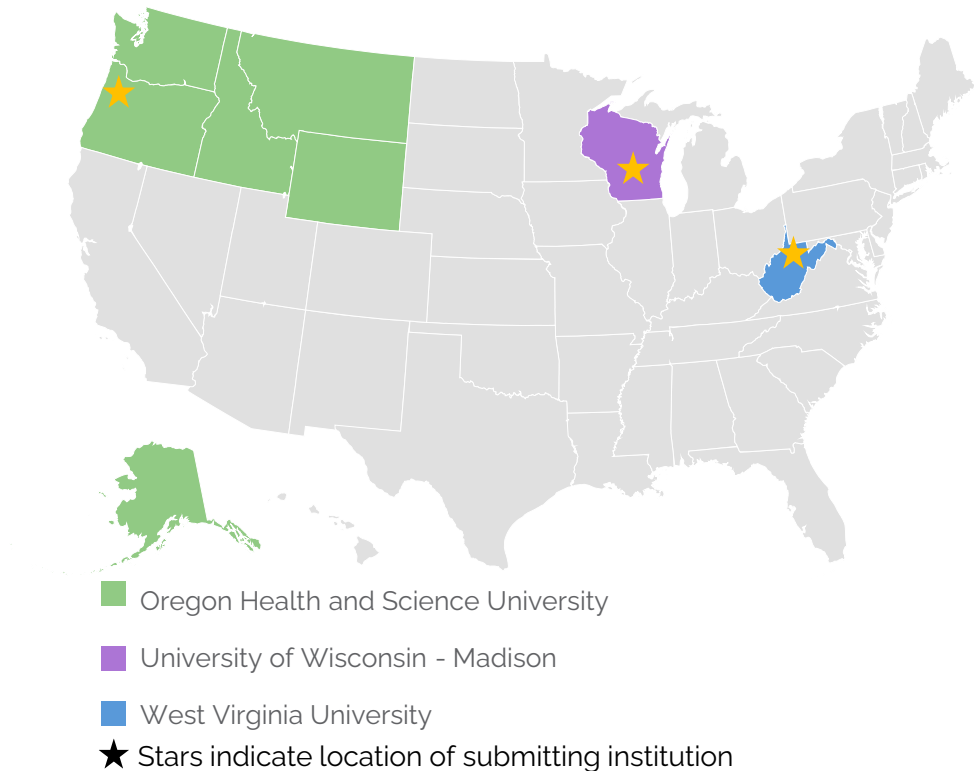| Awarded Organization	Research Network Affiliation	FQHC	PBRN
Oregon Health and Science University	NIH CTSA	✓	✓*
University of Wisconsin - Madison	NIH CTSA	✓	✓
West Virginia University	IDeA-CTR	✓	✓

* Indicates >1 PBRN

Building a Foundation for CARE for Health™ Network of Networks: Clinical Community Reach

The network research hubs will
1. Participate in clinical trials with existing NIH funded studies.
2. Engage additional clinics as part of efforts to understand communities' research priorities and preferences.

In total, the hubs will be working with over 50 clinics in Year 1.

Hub's Proposed Reach

- ■ Oregon Health and Science University
- ■ University of Wisconsin - Madison
- ■ West Virginia University
- ★ Stars indicate location of submitting institution

National Institutes of Health

Three Applicant Network Research Hubs Funded in FY24 to Participate in NIH-funded Clinical Trials

Hub	# Anticipated Clinical Partners for Enrollment	% of Catchment Area Zip Codes that are Rural (RUCA 4-10)	Clinical Trial	Clinical Indication	Intervention(s)	Population
Oregon Health and Science University	2 FQHCs (8 Clinic Locations)	58%	Non-pharmacologic pain management in FQHC Primary Care Clinics (BeatPain Utah)	Chronic high-impact back pain	Behavioral RCT parallel assignment, double masked	Adult 18 - 80 y/o with chronic high-impact pain for > 3 months
	1 FQHC (4 Clinic Locations)	81%	Collaborative Care for Polysubstance Use in Primary Care Settings (Co-Care)	Poly-substance Use Disorder	Treatment: Behavioral Intervention at 2 levels: PCP and Patient	Adults > 18 y/o
University of Wisconsin	2 FQHCs (4 Clinic Locations)	70%				
West Virginia University	6 Clinics	36%	Treat-to-target serum urate vs. treat-to-avoid symptoms in gout: A RCT (TRUST)	Gout	Prevention: Allopurinol (Rx); and Treatment: Anti-inflammatory (Rx)	Adults 18 - 90 y/o

National Institutes of Health

CARE for Health™ - Future Plans

FY24 and Early FY25

- FY24-funded Hubs initiate enrollment into existing NIH-funded studies
- Engage with funded Hubs to identify and develop clinical research priorities relevant to their practitioners and communities
- Anticipate funding additional Hubs

FY26 and Beyond

- Continue expanding and developing infrastructure components of the program
- Launch new studies developed by and for the network

FY25

- Develop the Clinical Science Center and Operations Center
- Design innovative studies tailored to practitioner- and community-identified priorities

NIH National Institutes of Health

Visit the program website to stay in touch!

go.nih.gov/CARE-for-Health

National Institutes of Health

CTSA Dental Schools Network Discussion Forum

Erica Rosemond, PhD, NCATS

CTSA Dental Schools Network Discussion Forum

- CTSA Dental Schools Network (DSN) Discussion Forum is supported by NCATS and CCOS established in June 2024

- Why join?
  - This DF offers a dynamic platform and opportunities to share CTSA-related resources, connect, and engage in discussions to collaborate and disseminate knowledge within the dental schools and the CTSA community.

- All dental professionals affiliated or collaborating with CTSA hubs are welcome.

- Please join from the CCOS Discussion Forum landing page at:
  https://ccos-cc.ctsa.io/groups/discussion-forums (Log in is required.)

For questions reach out to Gallya Gannot (Gallya.gannot@nih.gov)
or Raj Prasad (rprasad2@Stanford.edu)

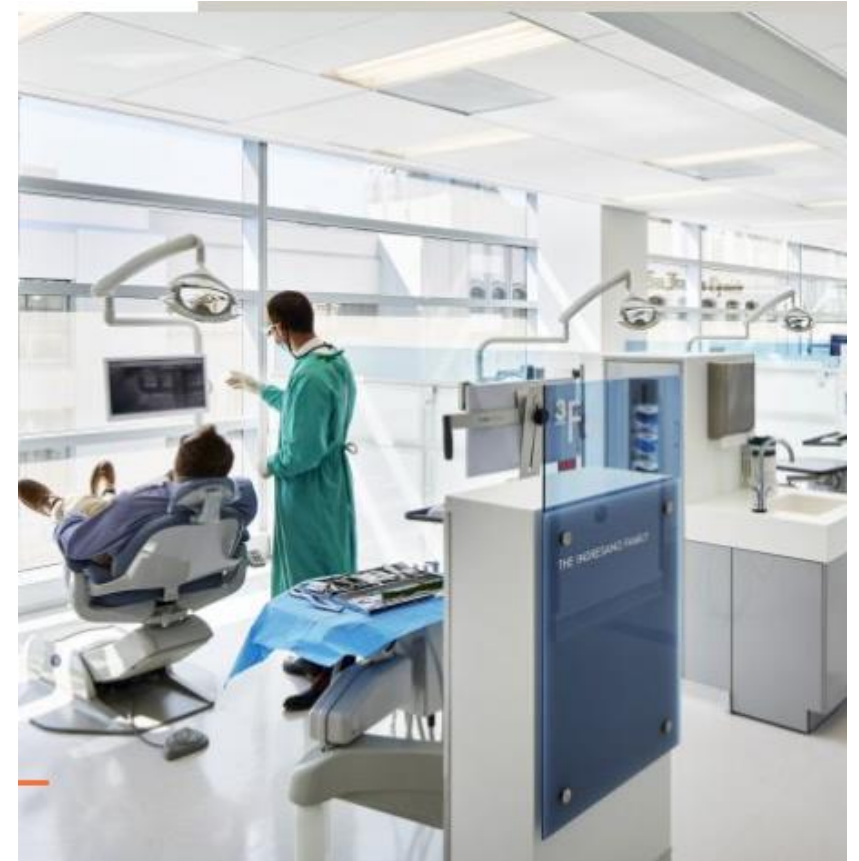*For technical support to the CCOS support team (support@ccos.ctsa.io)*

Image obtained, with permission from Schools and Colleges | University of the Pacific

Dental Schools Network Discussion Forum FY 2025 Webinar Series

Every second Friday at 1PM (ET) every two months

Date	Title	Presenters
9/13/2024	Decentralized Clinical Trials	Pablo Cure, NCATS Tom Radman, NCATS
11/8/2024	Successful Collaborations Between Dental Schools and CTSA Hubs. A case study	David Lam, University of the Pacific Ruth O'Hara, Stanford University
1/10/2025	CTSA Program Collaborative Innovation Awards Funding Opportunity	Kris Bough, NCATS
3/14/2025	Diversity Administrative Supplements to the Hub Awards and the training resources	Patrick Brown, NCATS Irina Krasnova, NCATS
5/9/2025	Trial Innovation Network and the Recruitment Innovation Center	Ken Wiley, NCATS
7/11/2025	RC2 presentation and opportunities for the dental school community	Pablo Cure, NCATS

- **Link to registration:** https://nih.zoomgov.com/meeting/register/vJIsdu-srz8uHX7mJtOltnGylEwc88gNMzU
- Questions: Gallya Gannot, NCATS gannotg@mail.nih.gov or Raj Prasad, Stanford CTSA rprasad2@Stanford.edu

Pacific-Stanford PRIMED Program

David K. Lam, MD, DDS, PhD, FACS
Professor and Chair, Dept. of Oral & Maxillofacial Surgery
Associate Dean for Medical Integration
University of the Pacific, Arthur A. Dugoni School of Dentistry

RUTH O'HARA, PhD
PI and Director: Spectrum, Stanford's Center for Clinical and
Translational Research and Education
Senior Associate Dean of Research, Stanford School of Medicine
Lowell W. and Josephine Q. Berry Professor, Department of
Psychiatry and Behavioral Sciences

Stanford
MEDICINE | Spectrum
Stanford Center for Clinical and
Translational Research and Education

UNIVERSITY OF THE
PACIFIC

Spectrum

Spectrum—the **Stanford Center for Clinical and Translational Research and Education**— is part of the Stanford University School Of Medicine **Office of the Senior Associate Dean of Research**. The Center is home to the **Stanford Clinical & Translational Science Award (CTSA)**, funded by **the NIH National Center for Advancing Translational Sciences (NCATS) since 2008.**

Funding Period July 2024 – June 2031: **NIH NCATS 1UM1TR004921**
Funding Period July 2019 – June 2024: **NIH NCATS 1UL1TR003142**

Stanford CTSA 2024: Overarching Aims

- **Aim 1: Educate and Train:** Educate and train the next generation of investigators who make up the clinical and translational "workforce" with the knowledge and skills in both Translational Research and the Science of Translation to conduct innovative CTSRE to achieve the vision of translational medicine in the 21st century and meet the opportunities and challenges of providing optimal, equitable treatments with delivery and access for all.

- **Aim 2: Enhance and Innovate:** Develop and implement innovative, data driven, and clinical operational approaches to accelerate, scale and diversify our clinical, translational and science of translation efforts.

- **Aim 3: Engage, Collaborate and Scale:**

  - a) Maximize community engagement, team science, and the engagement of diverse and inclusive approaches throughout the CTSA enterprise so our CTSRE products benefit all segments of the population

  - (b) Ensure our CTSRE efforts are scaled and implemented equitably, across diverse populations, including people with rare diseases, minorities, women, and across the lifespan from children to elderly

  - (c) Ensure CTSRE products are implemented across Stanford, regionally through our Stanford healthcare system, at our collaborating institutions (University of Hawaii and Kaiser Permanente CHR), and across the CTSA consortium and relevant networks, including N3C and the Trial Innovation Network.

- **Aim 4: Impact**: Develop and employ innovative state-of-the-field evaluative approaches to determine the effectiveness of all our approaches and to develop effective redeployment approaches to respond to challenges and opportunities in real time, measuring the impact of our Stanford CTSA CTSRE efforts.

NCATS Clinical and Translational Science Awards (CTSA) Program

CTSA Program Hubs
Dental School (n = 39) ●
No Dental School (n = 25) ●
Fiscal Year 2023

➢ National network of biomedical research institutions and their partners/collaborators

➢ In fiscal year 2023, NCATS invested $629M in the CTSA Program to speed translation of research discoveries into improved patient care

➢ 39 of the hubs include dental schools
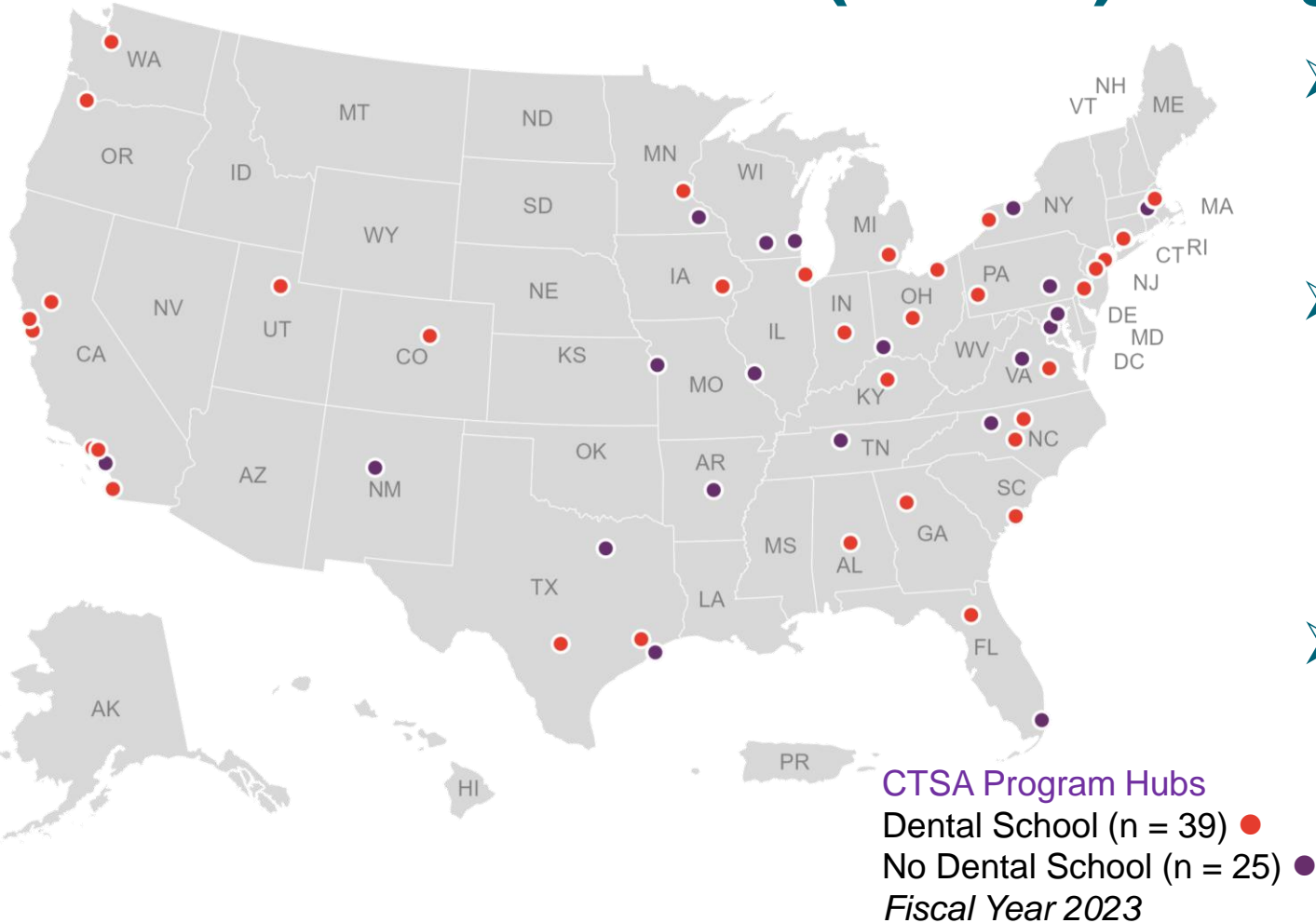
University of the Pacific, Arthur A. Dugoni School of Dentistry

Nationally renowned institution, highly regarded for its:

- Humanistic model of education
- Accelerated 3-year predoctoral program
- Innovation in dental curriculum, including comprehensive patient care and competency-base education

UNMET NEEDS:
- Resources to support researchers and research teams
- Training and research support tools
- Infrastructure to support clinical and translational science
- Overcoming barriers in clinical and translational research to deliver health solutions faster
- Encouraging research collaboration from different scientific and health fields

NIH NIDCR 1U01DE033276-01

Practice-Based Research Integrating Multidisciplinary Experiences in Dental Schools (PRIMED)

- In 2023, a grant was awarded by the NIH National Institute of Dental and Craniofacial Research (NIDCR) to fund the Pacific-Stanford PRIMED Program.

- This collaboration between The University of the Pacific, Arthur A. Dugoni School of Dentistry, Stanford University, and the Stanford CTSA is an innovative program that integrates research and clinical practice in dentistry.

- This program draws upon the unique strengths of both institutions and marks the beginning of mandatory clinical research training at the Dugoni School for all first-year students.

Stanford MEDICINE | Spectrum
The Stanford Center for Clinical and Translational Research and Education

UNIVERSITY OF THE PACIFIC

Our Vision

Draw upon the unique strengths of both institutions and marks the beginning of mandatory clinical research training at University of the Pacific for all first-year dental students by:

1. Integrating research learning into dental students' clinical practicums.

2. Collecting data and samples at dental school to help drive future research projects and collaborations with CTSA hubs.

3. Pique student interest in conducting their own research during dental school and beyond.

4. Motivate the current dental students to integrate clinical research into their practices once they graduate.
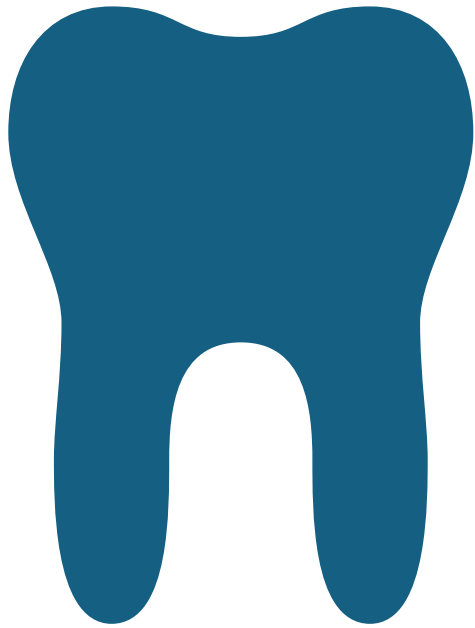
This year we developed and implemented our first course through this program:

Fundamentals of Clinical Research

This course is modeled after the *Fundamentals* course offered by the Stanford CTSA.

Course Background

We used a traditional virtual and in-person lecture format, as well as hands on sessions.

Our aim was to train students using interactive real-world scenarios for HIPAA compliance and Good Clinical Practice (GCP).

Hands on sessions included a workshop on consenting patients using clinical consent forms and developing your own research protocol.

Course Topics included:

- Overview of good clinical practice
- Data integrity and documentation
- Ethics in clinical research
- Informed consent
- Reporting requirements
- Phases of clinical research
- Registration and ClinicalTrials.gov
- Finding and using scholarly literature
- Developing clinical research protocols

Year 1 Cohort in action

Pacific students collaborating to develop research protocols | March 18th, 2024 | Taken with their permission

Dugoni School Students Take First-Ever "Dentist-Scientist Oath" to Ethics and Professionalism in Research

AUG 27, 2024

University of the Pacific, Arthur A. Dugoni School of Dentistry

DENTIST-SCIENTIST OATH

*"I, **[NAME],** have entered the serious pursuit of new knowledge as a member of the community of dentist-scientists at the University of the Pacific.*

"I solemnly declare the following:

Pride: *I declare my pride in belonging to the international community of research scholars.*

Inclusion: *I will incorporate diversity into preclinical and clinical studies, and foster a culture of prioritizing and sustaining diversity at all levels of research and be inclusive of racial and ethnic minority groups, as well as other populations experiencing health disparities.*

Integrity: *I promise never to allow financial gain, competitiveness, or ambition cloud my judgement in the conduct of ethical research and scholarship.*

Pursuit: *I will pursue knowledge and create knowledge for the greater good, but never to the detriment of colleagues, supervisors, research subjects or the international community of scholars of which I am now a member.*

*By pronouncing this **Dentist-Scientist Oath**, I affirm my commitment to professional conduct and to abide by the principles of ethical conduct and research policies as set out by the University of the Pacific, Arthur A. Dugoni School of Dentistry."*

— Inspired and modified from
Karen D. Davis et al. SCIENCE 2008

Next Steps

- Develop our next course, which will be more in-depth and intensive.

- Will be built upon a model similar to the Intensive Course in Clinical Research (ICCR) offered by the Stanford CTSA.

- Will be offered to students, faculty, and alumni of the Dugoni School starting in Fall 2024.

Pacific students, faculty, and alumni collaborating to develop research protocols | September 14th, 2024 | Taken with their permission

IMPACT.

- **Enhance the infrastructure and climate for research at both** *Pacific* **and** *Stanford* through the development of the program itself, through the creation of a *Pacific-Stanford Biobank*, and by increasing opportunities for integrated medical and dental research.

- End result will **bridge the research to practice gap**, accelerate **knowledge translation** to disseminate evidence-based treatments to prevent and manage oral diseases, and **increase the pipeline** for future clinical oral health researchers.

- Set a **new standard for dental education** in America with **mandatory training** of all students and residents in fundamental clinical research methods equipping graduates to successfully carry out practice-based research in their future careers.

IMPACT.

- Comprehensive clinical research training available to motivated, clinically faculty, dental alumni, students and residents will serve to **stimulate increased oral health scientific contributions as well as the pipeline of future oral health leaders**.

- Given our strong Pacific alumni community, the comprehensive clinical research training for dental alumni will enable the **expansion of an alumni practice-based research network**, further serving as affiliated clinical sites for large scale funded clinical research or trials.

Launch of CTSA Dental Schools Network (DSN) discussion forum

CTSA Dental Schools Network Discussion Forum

The CTSA Dental Schools Network (DSN) aims to facilitate seamless communication, foster collaboration, and encourage information-sharing among CTSA Program dental schools or partners and collaborators to any of the CTSA hubs.

The DSN Discussion Forum (DF) seeks to create a cohesive environment where DSN members can engage in meaningful discourse. The DF is a dynamic platform offering the opportunity to connect, share CTSA-related resources, and engage in discussions pertaining to collaborative efforts and knowledge dissemination within the dental schools and the CTSA community. This forum will convene bi-monthly, providing a structured space for members to come together, discuss pertinent topics, and learn from one another.

Members are strongly encouraged to utilize the forum to share resources, pose questions, and provide recommendations. The DF will include personnel from the National Center for Advancing Translational Sciences (NCATS) and the National Institute of Dental and Craniofacial Research (NIDCR) that will offer insights, answers, and guidance as needed.

CTSA Links

About Discussion Forums/Getting Started

List of Discussion Forums

Google Meet Web Conferencing

Contact Support

CTSA DF Links

Discussion Group Posts

To post a new topic or to read the current discussions, open the Google Groups in a new window; please click here. Note that you must first join the Discussion Forum to access this feature.

Stanford Spectrum
MEDICINE | The Stanford Center for Clinical and Translational Research and Education

Dental Network Discussion Forum FY2025 webinar series:

- **<u>Every second Friday at 1PM (ET) every two months.</u>**

- **Link to registration:**

- <u>https://nih.zoomgov.com/meeting/register/vJIsdu-srz8uHX7mJtOltnGylEwc88gNMzU</u>

- Series moderators and coordinators Gallya Gannot, NCATS and Raj Prasad, Stanford CTSA.

Date	Title	Presenters
9/13/2024	Decentralized Clinical Trials	Pablo Cure, NCATS Tom Radman, NCATS
11/8/2024	Successful Collaborations Between Dental Schools and CTSA Hubs. A case study	David Lam, University of the Pacific Ruth O'Hara, Stanford University
1/10/2025	CTSA Program Collaborative Innovation Awards Funding Opportunity	Kris Bough, NCATS
3/14/2025	Diversity Administrative Supplements to the Hub Awards and the training resources	Patrick Brown, NCATS Irina Krasnova, NCATS
5/9/2025	Trial Innovation Network and the Recruitment Innovation Center	Ken Wiley, NCATS
7/11/2025	RC2 presentation and opportunities for the dental school community	Pablo Cure, NCATS

Reminder: October 23 CTSA Webinar

The next webinar is **October 23**, **2024**; 2-3 PM ET

TL1 Visiting Scientist CTSA Working Group Update

Housing-Based Socioeconomic Status (HOUSES)

Please register and add the new invite to your calendar:
https://zoom.us/webinar/register/WN_qy2vYoxnSdGzbhABVjQFzQ