

CCTSI Town Hall

Ronald J. Sokol, MD
Director and MPI of CCTSI

Janine Higgins, PhD
Director of Operations and MPI
of CCTSI

CSU – March 26, 2024

cctsi.cuanschutz.edu



Colorado Clinical and Translational
Sciences Institute (CCTSI)

UNIVERSITY OF COLORADO DENVER | ANSCHUTZ MEDICAL CAMPUS



CTSA PROGRAM

- Clinical and Translational Science Award (NIH)
- Grants originate from NCATS at NIH

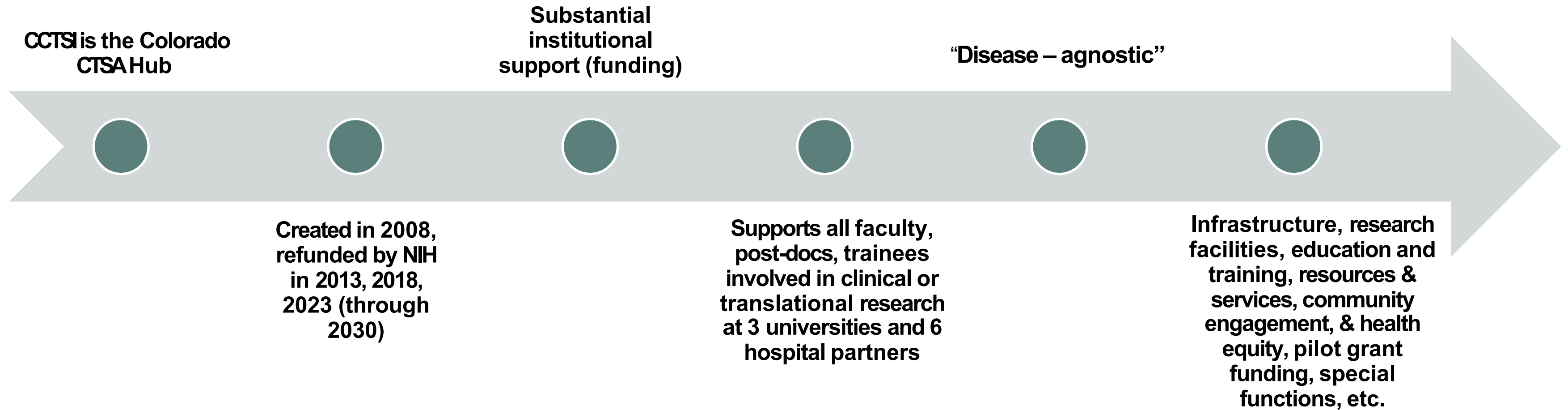
- An NIH-funded national consortium of biomedical research institutions collaborating to transform how clinical and translational science is conducted nationwide

- Currently, 62 funded Hubs, many of which include multiple universities and hospitals.

- CTSA provide many local resources, facilities, research personnel, pilot funding, regulatory and informatics support, community engagement, research units, specialized research programs and education & training programs



Colorado Clinical and Translational Sciences Institute



CCTSI Vision

Accelerate and catalyze the translation of innovative science into improved, equitable health and patient care for all



CCTSI 4.0 Mission

Catalyze

Catalyze and enhance scientific discovery, innovation, dissemination and translation across the lifespan.

Educate

Educate and sustain a resilient, innovative and diverse translational science workforce.

Research

Promote and ensure an efficient, safe, collaborative and integrated **research environment**

Communities

Engage stakeholders and communities across the entire translational spectrum



Definitions – NCATS/NIH

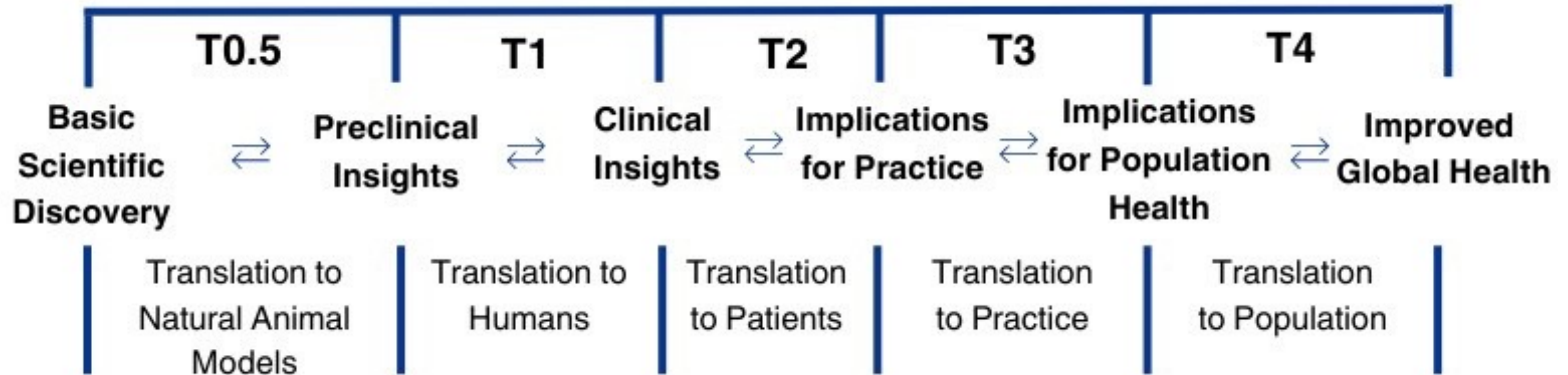
Translation: the process of turning observations in the laboratory, clinic and community into interventions that improve the health of individuals and the public — from diagnostics and therapeutics to medical procedures and behavioral changes.

Translational science: the field that generates scientific and operational innovations that overcome longstanding challenges along the translational research pipeline. These include scientific, operational, financial and administrative innovations that transform the way that research is done, making it faster, more efficient, and more impactful.

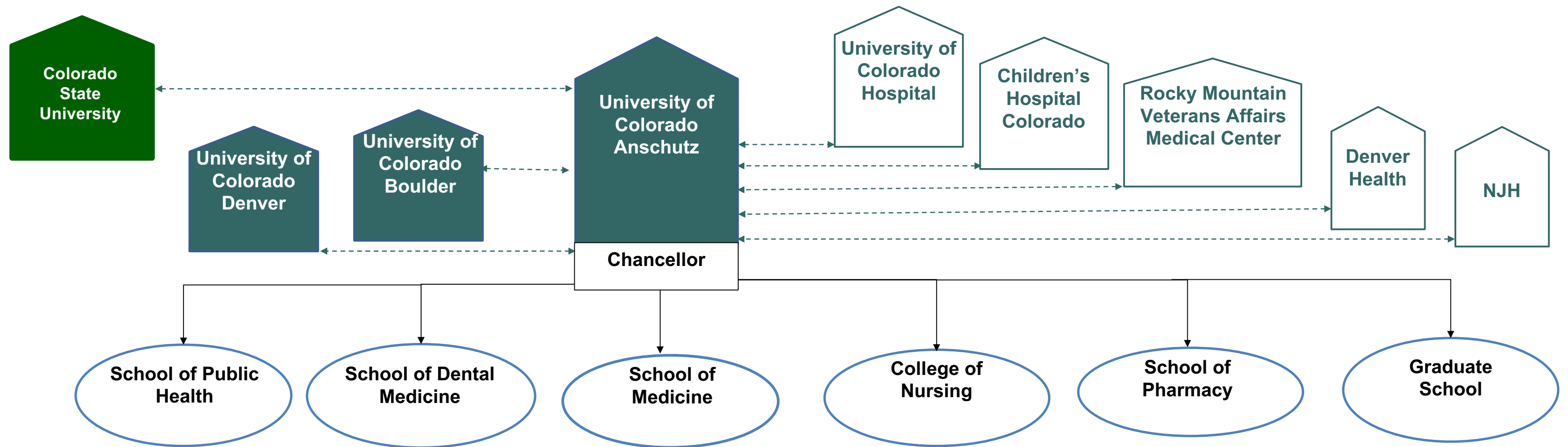
Translational Research: Defined by NCATS as the endeavor to traverse a particular step of the translational process for a particular target or disease.



Spectrum of Translational Research

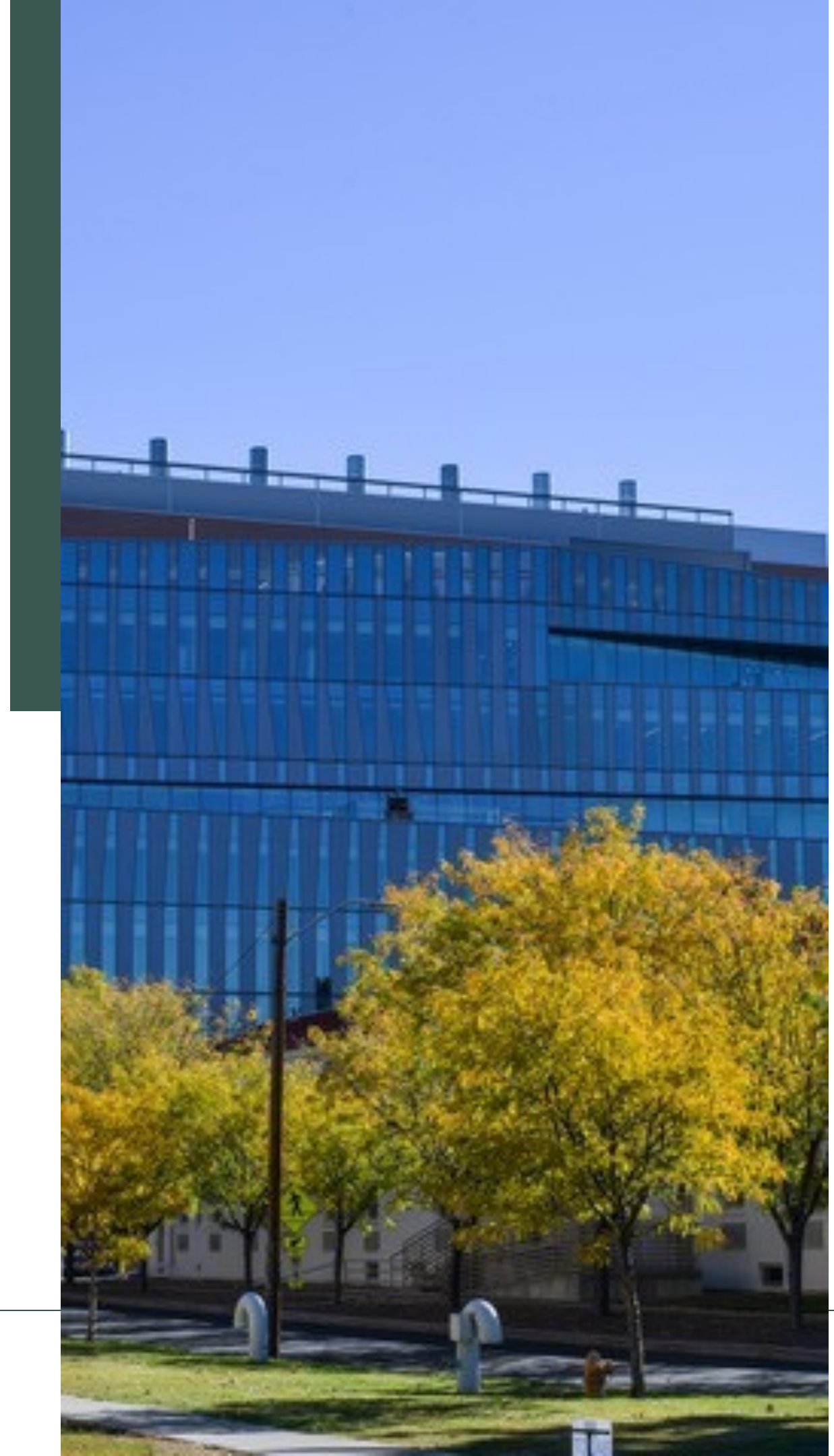


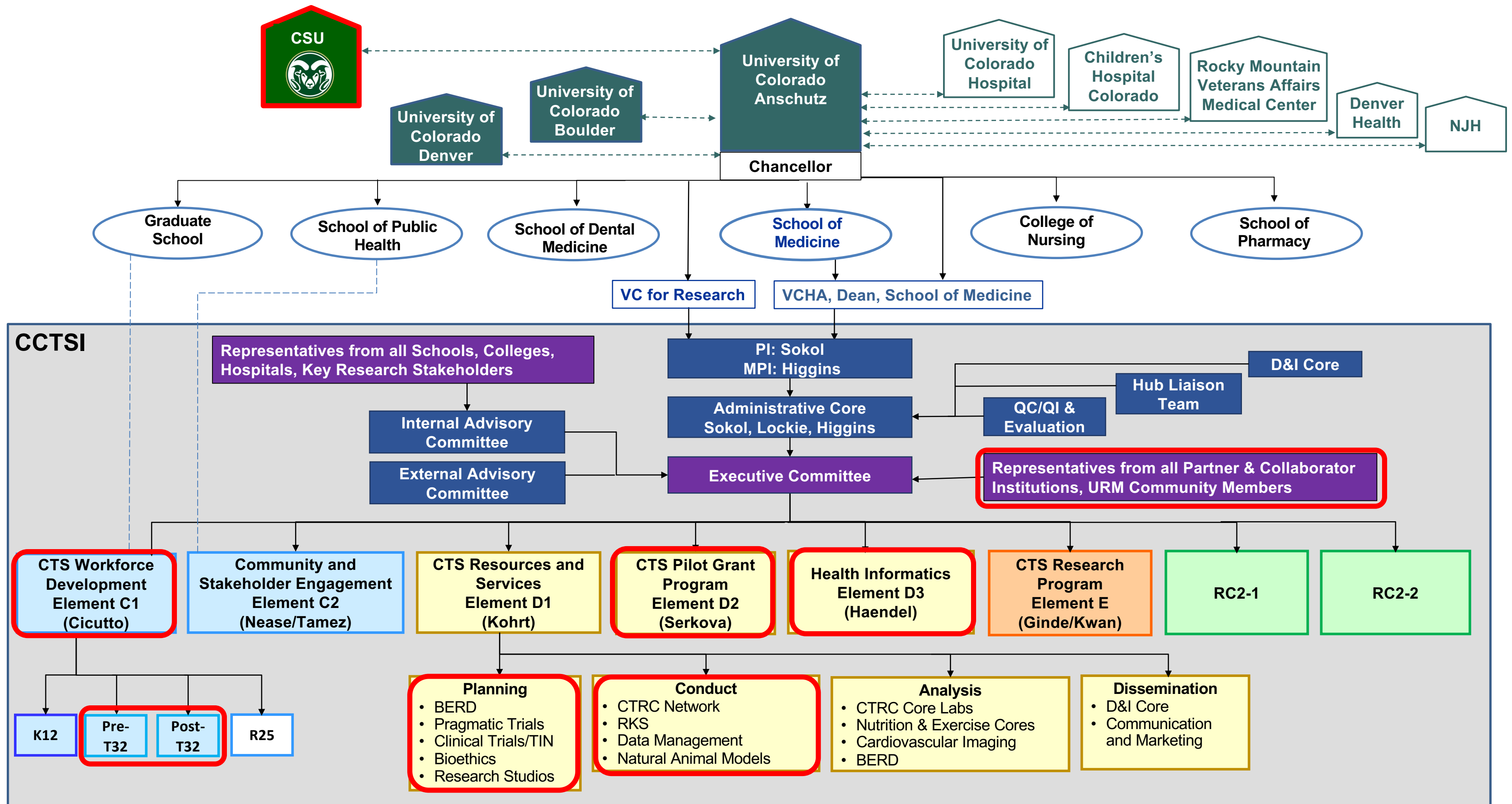
CCTSI Partners



Programs & Resources

1. Education, Training and Career Development – [K12](#), [T32 x 2](#), [CLSC](#), etc.
2. Clinical Research Resources & Facilities – [CTRCs](#)
3. Community Engagement & Health Equity – [Immersion training](#), [Bootcamp Translation](#)
4. Dissemination & Implementation Research – [tools, education, and consults](#)
5. Team Science – [Teaming Workshop Series](#)
6. Biostatistics, Epidemiology and Research Design (BERD) – CIDA – Tools, education, study and grant design, statistician assistance
7. Translational Informatics – [REDCap](#), [HDC](#), [N3C](#), [Colorado Profiles](#) to find mentors and collaborators at CU
8. Research Bioethics – [Consult service](#)
9. Regulatory Knowledge and Support – [OnCore](#), [Training](#), [DSMB assistance](#)
10. Pilot Grant Programs – [CO-Pilot](#), [CU-CSU](#), [CMH](#), [CEHE](#), [Translational Methods](#)
11. Trial Innovation Network – uses CTSA network to [facilitate multi-center trials](#)
12. Innovation and Entrepreneurship – [iCorp](#) customer discovery training, education, tools
13. Early Life Exposures Program (ELEP) – resources for [research in PN populations](#)





CCTSI Leadership and Diversity

Director & MPI: Ronald Sokol, MD

Director of Operations & MPI: Janine Higgins, PhD

DFA: Tim Lockie, MS, MBA

Associate Directors:

- Wendy Kohrt, PhD
- Melissa Haendel, PhD
- Alison Lakin, RN, LLB, LLM, PhD
- Donald Nease, MD, MPH & Montelle Tamez
- Natalie Serkova, PhD
- Lisa Cicutto, PhD, APN, RN
- Bethany Kwan, PhD & Adit Ginde, MD, MPH

CSU: Susan VandeWoude, DVM & Matt Hickey, PhD

CU Boulder: Chris Desouza, PhD

VAMC: Jane Reusch, MD

CCTSI Leadership:

50% Female

50% PhD or equivalent

Representation across Schools & Depts

SOM, CON, CSPH, Engineering

CCTSI Exec Committee:

52% Female 55% PhD or other

2 URM Community Representatives

Representation across AMC Schools

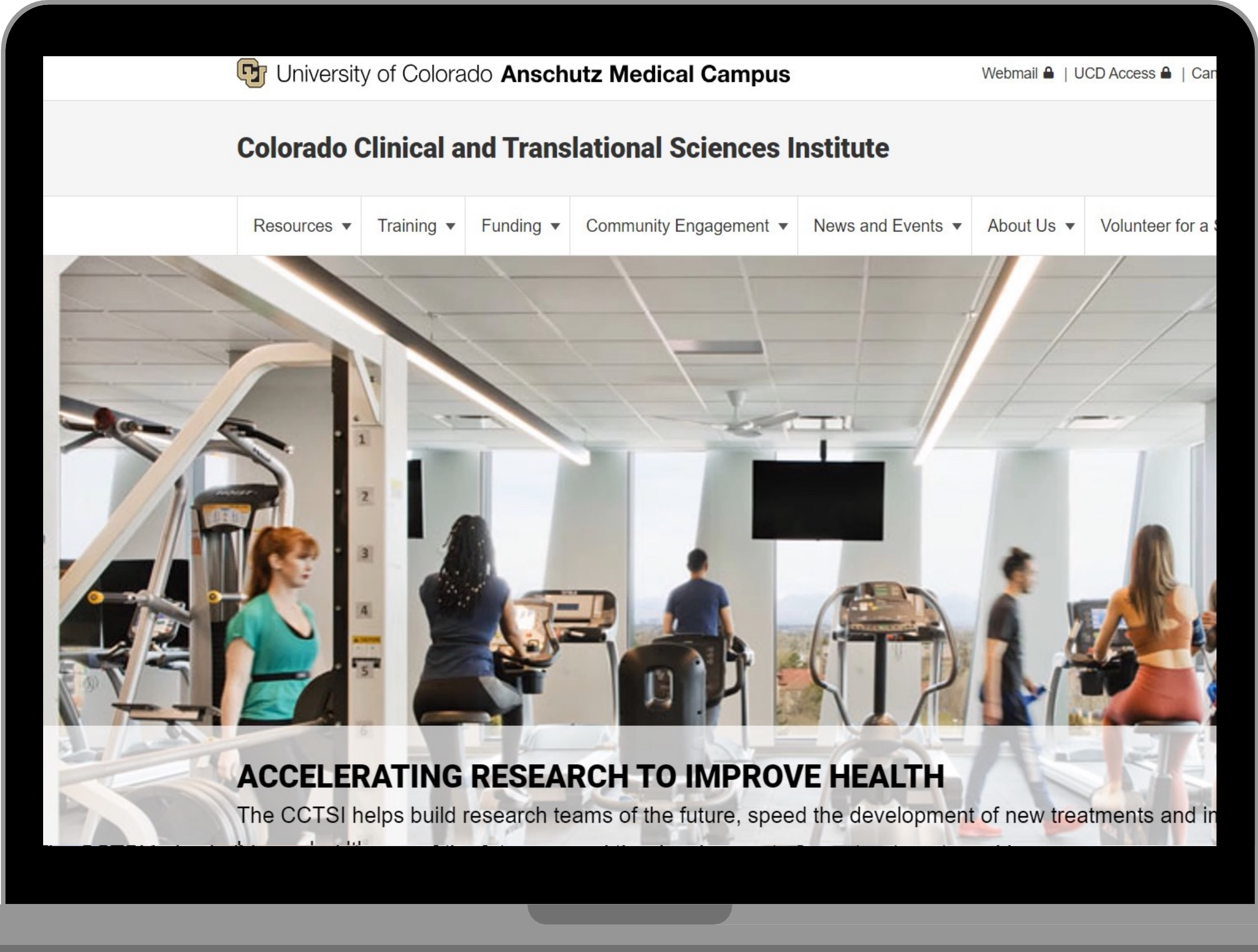
and Depts, and all Partner Institutions





Website

cctsi.cuanschutz.edu





Diversity, Equity and Inclusion



mAb Colorado Project



RECOVER Study



Resources and Services

CCTSI supports translational research by providing resources, integrating facilities and services, developing innovative research tools and catalyzing interdisciplinary research programs.



Funding

Each year, the CCTSI awards more than \$2 million in pilot grants, microgrants, and pre-doctoral and post-doctoral research scholar awards. You can find more information on each grant and how to apply



Education, Training and Career Development

The Education, Training and Career Development (ETCD) program provides clinical-translational scientists and trainees with knowledge, training and career skills



Clinical Translational Research Centers

The CTRC provides infrastructure, resources and dedicated space to conduct clinical research.


Cite our Grant

Become a Member

Join the CCTSI for free

Find a Researcher 

Colorado PROFILES

Ask a Question 

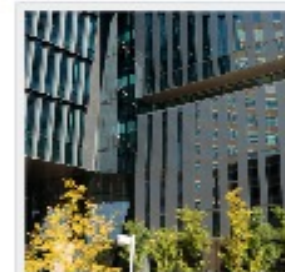
[View our 2024 Funded CTSA grants](#)

Announcements



Found In Translation

News from around the CCTSI



Director's Corner

12/20/2023

Read the latest news from the Colorado Clinical and Translational Sciences Institute (CCTSI)....

[Read More](#)



Researchers Examine Scientific Excellence and Integrity

12/19/2023

Physicians, researchers and ethicists came together to discuss scientific excellence, integrity and equity at the annual CCTSI Research Ethics Conference....

[Read More](#)



Cite our Grant
in all Publications!

Use Our New
Grant Numbers
UM1, K12 and T32s

Announcements

Leading and Teaming in Clinical Translational Science

Jan 18 - Apr 11, 2024 | 09:00 AM - 10:00 AM

Add event to:

[Outlook](#) [iCal](#) [Google Calendar](#)

Save the Date - CCTSI Study Section (TM Pilot)

Apr 29, 2024 | 09:00 AM - 02:00 PM

Add event to:

[Outlook](#) [iCal](#) [Google Calendar](#)

Save the Date - CCTSI Study Section (CMH-Pilot)

Apr 23, 2024 | 09:00 AM - 02:30 PM

Add event to:

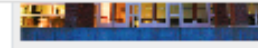
[Outlook](#) [iCal](#) [Google Calendar](#)

Save the Date - CCTSI Study Section (CO-Pilot)

Apr 15, 2024 | 09:00 AM - 05:00 PM

Add event to:

[Outlook](#) [iCal](#) [Google Calendar](#)



[Read More](#)



Lieutenant Governor Visit Puts Long COVID in the Spotlight

12/1/2023

Health care providers, CCTSI researchers and patient advocates gathered for a roundtable discussion on Long COVID care with Colorado's Lt. Governor....

[Read More](#)

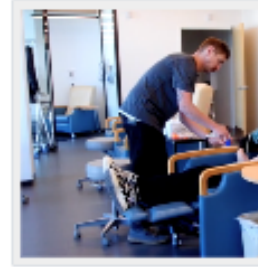


Conference Attracts Researchers Statewide

9/26/2023

Colorado Clinical and Translational Sciences Institute (CCTSI) gathered researchers to learn about Dissemination and Implementation science....

[Read More](#)



University of Colorado Anschutz Medical Campus Receives \$54 Million From NIH

9/18/2023

NIH has granted \$54 million to the Colorado Clinical and Translational Sciences Institute (CCTSI) to turn discoveries into better health....

[Read More](#)

Always find most Recent Grant Numbers at bottom of each page of CCTSI website, as well as Language for your Grant applications

Colorado Clinical and Translational Sciences Institute (CCTSI)

CU Anschutz Anschutz Health Sciences Building

1890 N Revere Ct
Campus Box B141
Aurora, CO 80045

303-724-1222



NIH Funding Acknowledgement

CTSA Grant UM1 TR004399, K12 TR004412, T32 TR004367, T32 TR004366

Help

Contact the CCTSI

Become a Member

Language for your grant applications

Cite our grant

CCTSI Affiliated Institutions

University of Colorado Anschutz Medical Campus

University of Colorado Boulder

Colorado State University

University of Colorado Denver

CCTSI Affiliated Institutions

University of Colorado Hospital

Children's Hospital Colorado

National Jewish Health

VA Eastern Colorado Health Care System

Denver Health

Kaiser Permanente Colorado





Colorado Clinical and Translational
Sciences Institute (CCTSI)

UNIVERSITY OF COLORADO DENVER | ANSCHUTZ MEDICAL CAMPUS



Diversity, Equity and Inclusion



mAb Colorado Project



RECOVER Study



Resources and Services

CCTSI supports translational research by providing resources, integrating facilities and services, developing innovative research tools and catalyzing interdisciplinary research programs.



Funding

Each year, the CCTSI awards more than \$2 million in pilot grants, microgrants, and pre-doctoral and post-doctoral research scholar awards. You can find more information on each grant and how to apply



Education, Training and Career Development

The Education, Training and Career Development (ETCD) program provides clinical-translational scientists and trainees with knowledge, training and career skills



Clinical Translational Research Centers

The CTRC provides infrastructure, resources and dedicated space to conduct clinical research.

Cite our Grant

Become a Member

Join the CCTSI for free

Find a Researcher [↗](#)

Colorado PROFILES

Ask a Question [↗](#)

[View our 2024 Funded CTSA grants](#)

Announcements



Found In Translation

News from around the CCTSI



Director's Corner

12/20/2023

Read the latest news from the Colorado Clinical and Translational Sciences Institute (CCTSI)....

[Read More](#)



Researchers Examine Scientific Excellence and Integrity

12/19/2023

Physicians, researchers and ethicists came together to discuss scientific excellence, integrity and equity at the annual CCTSI Research Ethics Conference....

[Read More](#)

**Membership is
required to use
services, training
programs, apply for
pilot grants, etc.**




COLORADO Profiles



Diversity, Equity and Inclusion



mAb Colorado Project



RECOVER Study



Resources and Services

CCTSI supports translational research by providing resources, integrating facilities and services, developing innovative research tools and catalyzing interdisciplinary research programs.




Funding

Each year, the CCTSI awards more than \$2 million in pilot grants, microgrants, and pre-doctoral and post-doctoral research scholar awards. You can find more information on each grant and how to apply



Education, Training and Career Development

The Education, Training and Career Development (ETCD) program provides clinical-translational scientists and trainees with knowledge, training and career skills





Clinical Translational Research Centers

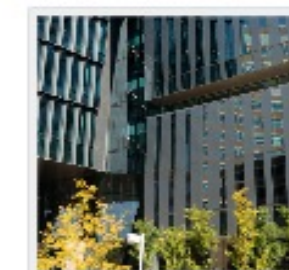
The CTRC provides infrastructure, resources and dedicated space to conduct clinical research.

Cite our Grant

Become a Member
Join the CCTSI for free

Find a Researcher 
Colorado PROFILES

Ask a Question 

  **Found In Translation**
News from around the CCTSI

Director's Corner

12/20/2023

Read the latest news from the Colorado Clinical and Translational Sciences Institute (CCTSI)....

[Read More](#)



Researchers Examine Scientific Excellence and Integrity

12/19/2023

Physicians, researchers and ethicists came together to discuss scientific excellence, integrity and equity at the annual CCTSI Research Ethics Conference....

[Read More](#)

[View our 2024 Funded CTSA grants](#)

Announcements





Colorado PROFILES

The Colorado Clinical & Translational Sciences Institute

[Home](#)[Search](#)[Overview](#)[Tutorials](#)[FAQs](#)[Contact Us](#)

Menu

[Find People](#)[Find Research](#)[Overview](#)[Tutorials](#)[FAQs](#)[Edit My PROFILE](#)[Login to PROFILES](#)

Contact Us

If you have any questions or feedback please [contact us](#).

Live Updates

102117 Publications

8309 Total Profiles



[Jonathan Harris](#)

September 30, 2019

added a publication from: Applied and environmental

Search Colorado PROFILES

The "Colorado PROFILES" search engine for biomedical research expertise and networking provides tools to help investigators and students find experts, potential collaborators or mentors, and to view past and present research networking of our investigators.

[Find People](#)[Find Research](#)

Find people by research topic

Keywords

☐ Search for exact phrase

Search

Find people by name/organization

Last Name

Sokol

First Name

Institution

☐ All except the one selected

Department

☐ All except the one selected

Faculty Type

Search

Search for Investigators
by Key Words

Most viewed (today)

[selenium](#)[Tobacco Use Disorders](#)[antibiotic](#)[neurosurgery](#)[research](#)[kathryn](#)[microbiome](#)[migraine](#)

Most viewed (month)

[cigarette](#)[smoke](#)[oncology](#)[Genomics](#)[Endocrinology](#)[Driving Automobile](#)[Regeneration](#)[Suicide](#)[Artificial Pancreas](#)[anatomy](#)


[Home](#)
[Search](#)
[Overview](#)
[Tutorials](#)
[FAQs](#)
[Contact Us](#)

Keywords

Last Name

Institution

Menu

[Find People](#)
[Find Research](#)
[Overview](#)
[Tutorials](#)
[FAQs](#)
[Edit My PROFILE](#)
[Login to PROFILES](#)

Contact Us

If you have any questions or feedback please [contact us](#).

Ronald J Sokol

Title Distinguished Professor

Institution University of Colorado Denver - Anschutz Medical Campus

Department SOM-PEDS

Phone 720/777-3929

Email RONALD.SOKOL@CUANSCHUTZ.EDU

ORCID 0000-0001-7433-4095



Biography

awards and honors

1971	Phi Beta Kappa, University of Illinois, Urbana
1972	Bronze Tablet, University of Illinois, Urbana
1976	Alpha Omega Alpha, University of Chicago Pritzker School of Medicine
1986	Basil O'Connor Award, March of Dimes
1990	Mead Johnson Award for Nutritional Research, American Institute of Nutrition
1994 - 2021	Best Doctors in America
2002	America's Top Pediatricians, Consumers' Research Council of America
2003	2003 Nutrition Award , American Academy of Pediatrics, Committee on Nutrition
2004	Hall of Honor, Cincinnati Pediatric Historical Society
2006 - 2008	Top Doctors in Denver, 5280 Magazine
2009	James E. Strain M.D. Award in Pediatrics, Children's Hospital Colorado Medical Staff,
2009	Pediatric Liver Research Award, , Alpha-1 Kids and the Alpha-One Association
2009	Harry Shwachman Award , North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN)

Sokol's Networks

Click the "See All" links for more information and interactive visualizations!

Concepts

[Cholestasis](#)
[Biliary Atresia](#)
[Liver Diseases](#)
[Parenteral Nutrition](#)
[Liver](#)
[See all \(1004\) concept\(s\)](#)



Co-Authors

[Feldman, Amy](#)
[Ghosh, Swati](#)
[Shearn, Colin](#)
[Mack, Cara](#)
[Sundaram, Shikha](#)
[See all \(80\) people](#)

Similar People

[Krowka, Michael](#)
[Mack, Cara](#)
[Suchy, Frederick](#)
[Narkewicz, Michael](#)
[Feldman, Amy](#)
[See all \(80\) people](#)


Radial Social Cluster Output, Collaborators



Colorado PROFILES
COLORADO CLINICAL AND TRANSLATIONAL SCIENCES INSTITUTE

Home

Search

Overview

Tutorials

FAQs

Contact Us

Keywords

Last Name

Institution

Search

Menu

[Find People](#)

[Find Research](#)

[Overview](#)

[Tutorials](#)

[FAQs](#)

[Edit My PROFILE](#)

[Login to PROFILES](#)

History

[Sokol, Ronald](#)

[See All \(1\) pages](#)

Contact Us

If you have any questions or feedback please [contact us](#).

Ronald Sokol

[Back to Profile](#)

Co-Authors (78)

Co-Authors are people in Profiles who have published together.

List

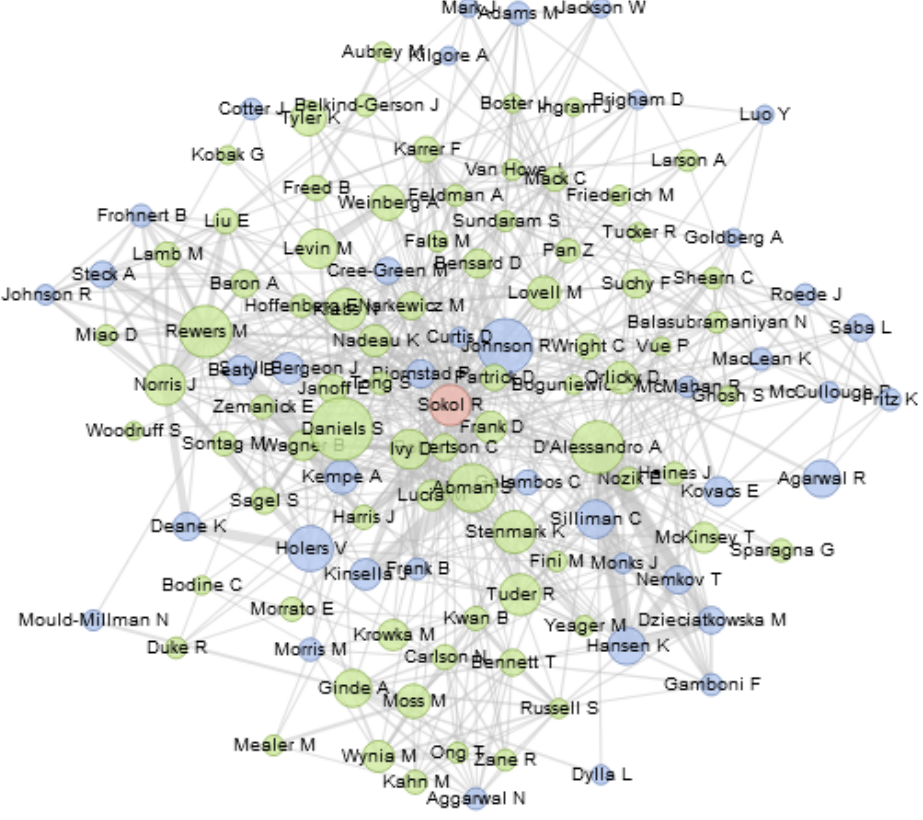
Radial

Cluster

Timeline

Details

This cluster graph shows the co-authors (green circles) and top co-authors of co-authors (blue circles) of Ronald Sokol (red circle). The size of a circle is proportional to the number of publications that author has. The thickness of a line connecting two authors' names is proportional to the number of publications that they share. Options for customizing this network view are listed below the graph.



Sokol's Networks

Click the "See All" links for more information and interactive visualizations!

Concepts ?

[Cholestasis](#)

[Biliary Atresia](#)

[Liver Diseases](#)

[Parenteral Nutrition](#)

[Liver](#)

[See all \(1003\) concept\(s\)](#)

Co-Authors ?

[Feldman, Amy](#)

[Ghosh, Swati](#)

[Shearn, Colin](#)

[Mack, Cara](#)

[Sundaram, Shikha](#)

[See all \(78\) people](#)

Similar People ?

[Krowka, Michael](#)

[Mack, Cara](#)

[Suchy, Frederick](#)

[Narkewicz, Michael](#)

[Feldman, Amy](#)

[See all \(60\) people](#)

Same Department ?

[Belkind-Gerson, Jaime](#)

[Kinder, Sarah](#)

[Liu, Edwin](#)



[Marable, Jennifer](#)

[Walker, Thomas](#)

[Search Department](#)

Click and drag the name of any author to adjust the clusters. Shift-click and drag the name of any author to move them and pin it to a fixed location. Click again to unlock the position. Ctrl-click a name to view that person's network of co-authors. Alt-click a name to view that person's full profile. Please note that it might take several minutes for the clusters in this graph to form, and each time you view the page the graph might look slightly different.

Timeline Output, Research Topic



Colorado PROFILES
COLORADO CLINICAL AND TRANSLATIONAL SCIENCES INSTITUTE

Home

Search

Overview

Tutorials

FAQs

Contact Us

Keywords

Last Name

Institution

Search

Menu

[Find People](#)

[Find Research](#)

[Overview](#)

[Tutorials](#)

[FAQs](#)

[Edit My PROFILE](#)

[Login to PROFILES](#)

History

[Sokol, Ronald](#)

[See All \(1\) pages](#)

Contact Us

If you have any questions or feedback please [contact us](#).

Ronald Sokol

[Back to Profile](#)

Concepts (1003)

Concepts are derived automatically from a person's publications.

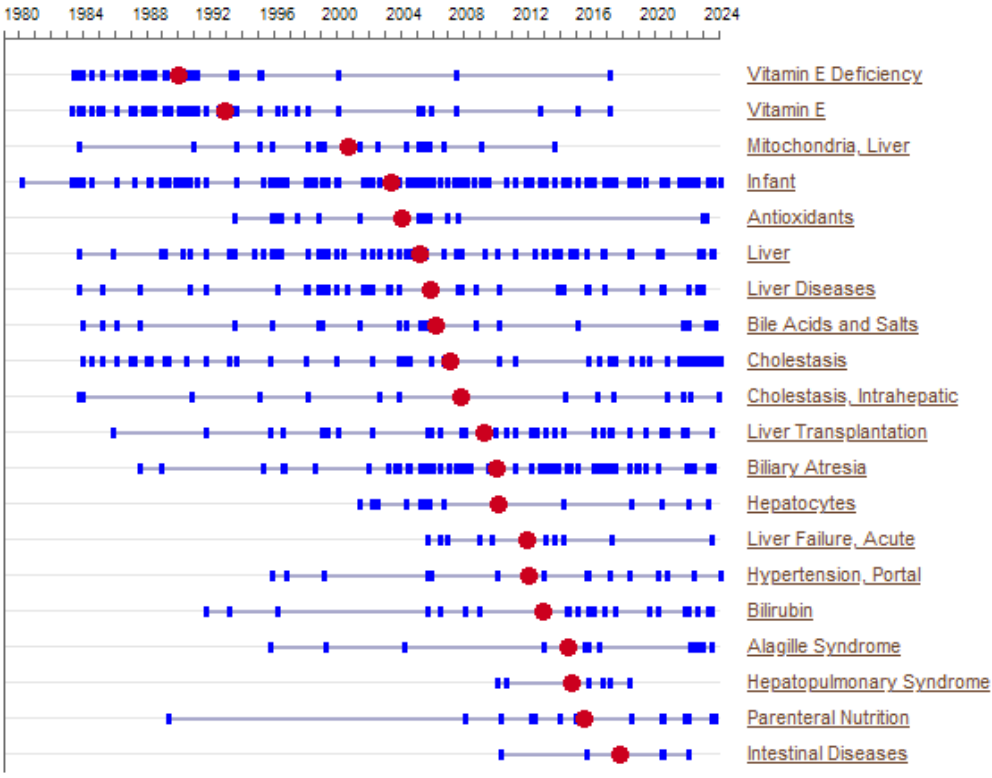
Cloud

Categories

Timeline

Details

The timeline below shows the dates (blue tick marks) of publications associated with Ronald Sokol's top concepts. The average publication date for each concept is shown as a red circle, illustrating changes in the primary topics that Ronald Sokol has written about over time.



See all (1003) concept(s)

Co-Authors ?

[Feldman, Amy](#)

[Ghosh, Swati](#)

[Shearn, Colin](#)

[Mack, Cara](#)

[Sundaram, Shikha](#)

[See all \(78\) people](#)

Similar People ?

[Krowka, Michael](#)

[Mack, Cara](#)

[Suchy, Frederick](#)

[Narkewicz, Michael](#)

[Feldman, Amy](#)

[See all \(60\) people](#)

Same Department ?

[Alula, Kibrom](#)

[Belkind-Gerson, Jaime](#)

[Kinder, Sarah](#)

[Liu, Edwin](#)

[Marable, Jennifer](#)

[Walker, Thomas](#)

[Search Department](#)

Click and drag the name of any author to adjust the clusters. Shift-click and drag the name of any author to move them and pin it to a fixed location. Click again to unlock the position. Ctrl-click a name to view that person's network of co-authors. Alt-click a name to view that person's full profile. Please note that it might take several minutes for the clusters in this graph to form, and each time you view the page the graph might look slightly different.

Clinical Translational Research Centers

- **Adult - AHSB, NJH, CU-B; Pediatric - CHCO**
 - Inpatient and outpatient facilities – **no charge for space (except industry studies)**
 - **Research Nursing** – inpatient, outpatient, mobile teams (NICU, PICU, ED, etc.)
 - **Nutrition** - metabolic kitchen, whole room calorimeter and body composition
 - Adult Vascular Ultrasonography, ECHO, Liver Elastography & Exercise Physiology
 - **Core laboratories** & specimen processing
 - **Microgrants** to Jr. Investigators (\$10,000/yr. x 3 yr)
- **Subsidized pricing for investigator-initiated studies**


**300 Studies and
>20,000 visits per year**



Wendy Kohrt, PhD

MicroGrants

CTRC Scheduler

Join Our Team 

CHCO Associate Medical Director job description


Join Our Team 

UCH Associate Medical Director job description

CTRC Contacts	
UCH Adult IP Unit	720-848-7907
UCH Adult OP Unit	303-724-1225 or 303-724-1226
CHCO OP Unit	720-777-2581
UCH Adult Nursing Manager	720-848-7901 or 303-724-4402
CHCO Nursing Manager	720-777-4700
UCH Adult CTRC Core Lab	303-724-4093
CHCO CTRC Core Lab	720-777-8209
Nutrition Services	303-724-1219
Cardiovascular BiImaging	




Nursing Services




Core Lab Services



Nutrition Services



Cardiovascular BiImaging



Exercise & Body Composition



Scheduler

Core Lab Services

CTRC Core Laboratory Services support [IRB-approved protocols](#) with a wide range of analytical testing including chemical, hormone, metabolite, and immunological assays. CTRC Core Laboratories are CAP- and CLIA-accredited and provide trained personnel, reagents, equipment, and QC capabilities to conduct assays for research studies.

- [CAP Certification](#)
- [CLIA Accreditation](#)

All services are provided as [fee-for-service resources](#).

Adult CTRC Core Lab

[Chemical and immunological assays](#), including peptide/hormone measures by HPLC, RIA, ELISA, Chemiluminescence, and spectrophotometry; Processing of blood, urine and saliva.

[Request access to obtain your Adult CTRC assay results.](#)

Adult CTRC Lab Hours: Monday and Friday, 8:00 am - 4:30 pm

Children's Hospital Colorado CTRC Core Lab

[Chemical and immunological assays](#) including cytokine and fat soluble vitamin assays, UPLC, HPLC, ELISA, Luminex, RIA, Nephelometry, chemiluminescence, and spectrophotometry.

Processing of sputum, tracheal aspirates, and BAL fluids

CHCO CTRC Lab Hours: Monday - Friday, 8:00 am - 4:30 pm

National Jewish Health CTRC Inflammation & Immunology Core Lab

- Analysis of human inflammatory and immunologic response
- [Core Lab assays and pricing](#)

Pricing

Authorization Request to access data

Core Lab Assays & Pricing
Member Pricing

[All services as MS Excel](#)

Sort list items alphabetically

[G](#)[I](#)[B](#)[A](#)[B](#)[C](#)[D](#)[E](#)[F](#)[G](#)[H](#)[I](#)[J](#)[K](#)[L](#)[M](#)[N](#)[O](#)[P](#)[Q](#)[R](#)[S](#)[T](#)[U](#)[V](#)[W](#)[X](#)[Y](#)[Z](#)[All](#)

Please budget for an approximate price increase of 6% each year of study progression.
Effective 7/1/2023

Assay	Pricing	Manufacturer	Performing Lab
6-Ketoprostaglandin F1 (6-KetoPGF1)	\$39.70	Cayman	Children's Hospital Colorado CTRC, 720.777.8209
8-hydroxydeoxyguanosine (8-OHdG)	\$61.61	Cell Biolabs, Inc.	Children's Hospital Colorado CTRC, 720.777.8209
8-Isoprostane ,urine	\$38.38	Cayman	Children's Hospital Colorado CTRC, 720.777.8209
A1C (Hemoglobin A1C)	\$23.40	Siemens DCA Vantage	Anschutz Health Sciences Bldg. CTRC, 303.724.4093
Adenosine 3',5'-cyclic monophosphate (cAMP)	\$59.43	R&D Systems	Children's Hospital Colorado CTRC, 720.777.8209
Adiponectin	\$15.51	Millipore	Anschutz Health Sciences Bldg. CTRC, 303.724.4093
Adrenocorticotrophic Hormone (ACTH)	\$25.09	Siemens (Immulite 1000)	Children's Hospital Colorado CTRC, 720.777.8209
Albumin	\$6.87	Beckman Coulter	Anschutz Health Sciences Bldg. CTRC, 303.724.4093
Aldosterone , EDTA Plasma	\$46.48	Immunodiagnosics Systems	Children's Hospital Colorado CTRC, 720.777.8209
Aldosterone ,Urine	\$45.07	Immunodiagnosics Systems	Children's Hospital Colorado CTRC, 720.777.8209
Alpha-1-Antitrypsin (AAT) , Pulmonary Fluids	\$49.49	Bethyl	Children's Hospital Colorado CTRC, 720.777.8209
Alpha-1-Antitrypsin (AAT) , Serum/Plasma	\$32.04	Siemens	Children's Hospital Colorado CTRC, 720.777.8209
Amylase , Salivary	\$35.69	Salimetrics	Children's Hospital Colorado CTRC, 720.777.8209
Angiopoietin-1 (ANG-1) , >32pg/mL , : Multiplex Panel	\$58.76	R&D Systems	Children's Hospital Colorado CTRC, 720.777.8209
Angiopoietin-2 (ANG-2)	\$67.65	R&D Systems	Children's Hospital Colorado CTRC, 720.777.8209
Angiotensin II	\$89.21	ALPCO	Anschutz Health Sciences Bldg. CTRC, 303.724.4093
Apolipoprotein B Discontinued 1/30/2018	\$10.57	Beckman	Anschutz Health Sciences Bldg. CTRC, 303.724.4093
Arginase-1	\$59.43	BioVendor	Children's Hospital Colorado CTRC, 720.777.8209
Assay Development	\$120.00		National Jewish Hospital CTRC, 303.398.1658



Pilot Grant Awards

- 5 Pilot Grant programs – CO-Pilot, CMH, Community Engagement, New Methods, **CU-CSU Collaboration Award**
- ~\$900,000 available annually
- \$25,000 for Community Engagement Pilots
- \$30,000 for Translational Methods
- \$40,000 for CO-Pilot and CMH mentored, junior, and early career diversity pilots
- **\$60,000 for CU-SCU collaborative pilots**

Natalie Serkova
PhD



Community Engagement & Health Equity

- Community Research Liaison (CRL) program
- Colorado Immersion Training in Community Engagement (CIT)
- Research Readiness Certification for Community Based Organizations
- Community Engagement Consults
- CE Pilot Grant Program
- Boot Camp Translation for Patient-Centered Outcomes: Facilitator Training
- Introduction to CBPR for Community-Academic Partnerships



Don Nease, MD



Translational Informatics

- **REDCap** – operated for entire campus by CCTSI
>9,000 users, >6,000 active projects

CCTSI supports Denver Health REDCap

- **Health Data Compass** – enterprise-wide research data warehouse
- **Data Delivery & Cohort Discovery** – TrinetX, Compass, ACT, N3C



Melissa Haendel, PhD



Education, Training and Career Development



1. T32 Pre- and Post-doctoral training programs
2. Clinical Sciences Graduate Program (Masters, PhD)
3. K12 Research Scholar program, up to 3 yrs. of support – Ellen Burnham, MD
4. Colorado Mentor (CO-Mentor) Training Program – Greg Austin MD
5. Leading and Teaming and for Early Career Researchers – Jeni Cross, PhD
6. Support for Clinical Faculty Scholars Program – Anne Libby, PhD
7. Clinical Research Training and Education Program (CRSC) – Coordinators, CRSP
8. Summer Undergraduate Minority Mentoring in Translational Science (SUMMiT)
(n=14)
9. Others

Pre- F, Pre-K and Pre-R Grant Review Programs

- Assist junior faculty and their mentors write successful career development and first R01 awards
- Mock grant reviews: 3 times a year
 - Applicants and mentors attend
 - Format: reviewers and then panel discusses, followed by Q&A
 - Full written reviews
- [Helpful materials](#) on website relevant to K applicants



Arianne Theiss
PhD



Paul Maclean
PhD



Maggie Wierman
MD



Research Studio Program

- **Expert Panel** to provide targeted advice about research project, grant application, idea generation, etc.
- **Studio sessions** are virtual – 90 Minutes
 - Investigator presents brief summary (10-15 minutes)
 - Focused discussions with experts for 3 or 4 predetermined questions from the investigator – focus on problem-solving and the development of helpful solutions (60-70 minutes)
 - Moderator and panelists provide summarized comments (10-15 minutes)
- 2019-2020 participants believed the experience contributed **>\$2M in subsequent grant funding**



Jane Reusch
MD



Alan Prochazka
MD

I-Corps@CCTSI

- Short course for teams of faculty, staff or students with a biomedical discovery or health innovation idea.
- Uses customer discovery methods used for startups for academic researchers
- Test the business model hypotheses for a technology or idea



Cathy Bodine, PhD

Communicating Your Science to the Public

Offered 3x/yr for up to 30 per session



Aimee Bernard, PhD



Wendy Meyer, MA

1

Workshop #1

Effectively communicating
your message to the public

2

Workshop #2

Sharing your message
effectively and
giving/receiving feedback

3

Workshop #3

Expanding your media
horizons



Trial Innovation Network (TIN)

Adit Ginde, MD



Adit Ginde, MD, MPH

National CTSA
Consortium - Trial
Innovation Centers to
facilitate design and
conduct of Multi-Site
(NIH) Clinical Trials

Provides local and national
support for the entire study
lifespan

- Study design, central IRBs,
study operations, data
collection and analysis,
recruitment and retention
strategies, etc.

Investigators can
request a single service
(e.g., single IRB) or
complete study life cycle
assistance

Regulatory Knowledge and Support (RKS)

Clinical Research Operations and Services

- IND/IDE Office
- Recruitment support program
- Workforce development support for clinical research professionals
- Education and training courses
- Decentralized/Virtual clinical trials support
- Service center support for clinical research operations



Benjamin Echaliere, MS, MBA, CCRP

Clinical Research Administration

- OnCore support – CTMS, biobanking, eReg and EDC
- Human subject research portal – Scientific review (SARC), perinatal facilitation review committee and Investigation Product Review Committee (IPRC)
- CT.gov support
- Auditing and quality improvement



Alison Lakin, RN, PhD

Questions



303 - 724 - 1222



cctsi.cuanschultz.edu

