



Colorado Clinical & Translational Sciences Institute

CCTSI Pilot Grant Program Overview

Natalie Julie Serkova, Ph.D.

CCTSI Pilot Grant Program Director

Christopher Baker, MD

CMH-Pilot Grant Program Director

Sue VandeWoude

CSU Pilot Grant Program Director

Philip Zeitler, PhD

CMH-Pilot Grant Program Director

Kristen House

CCTSI Pilot Grant Program Administrator



8/04/22

CCTSI Funding Opportunities

CCTSI awards \$2.8 million/year in pilot grants, microgrants, and pre-doctoral and post-doctoral research scholar awards

**\$700K in 2023 for
CCTSI Pilot Grants**

Funding Sources

- National Center for Advancing Translational Science (NCATS)
- University of Colorado School of Medicine Dean's Office
- Children's Hospital Colorado Research Institute
- Traystman Fund

<https://cctsi.cuanschutz.edu/funding>



CCTSI-Pilot Grant Categories

Early Career Diversity CO-Pilots

Mentored CO-Pilots

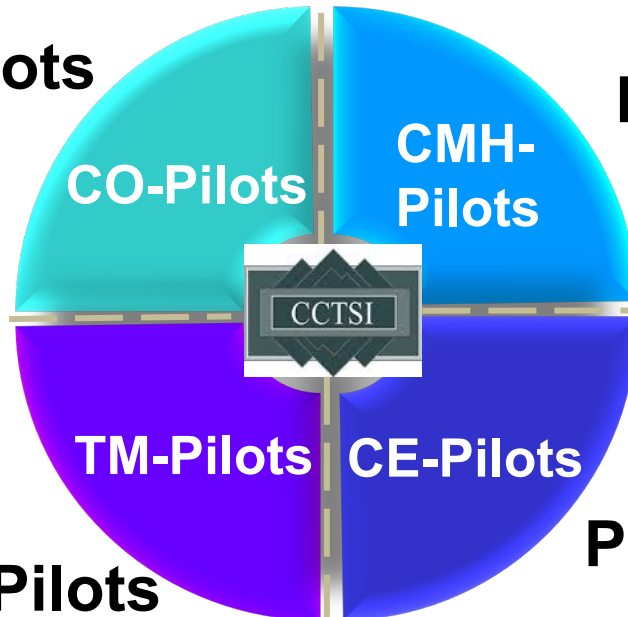
Junior CO-Pilots

CU-CSU CO-Pilots

General TM-Pilots

CSU Investigators TM-Pilots

Biostatistics/Bioinformatics TM-Pilots



Mentored CMH-Pilots

Junior CMH-Pilots

Joint Project CE-Pilots

Partnership Development CE-Pilots

Colorado Pilots (CO-Pilots)
Child and Maternity Health (CMH)
Community Engagement (CE)
Translational Methods (TM)



CCTSI Pilot Grant Award Eligibility



- CCTSI Members
- Faculty at CCTSI Affiliated Institutions

Graduate, undergraduate, postdoctoral students, fellows and PRAs are encouraged to participate in Non-Key Roles.

Underrepresented, female, and minority researchers are particularly urged to apply, as the CCTSI intends to contribute to the creation of a research workforce that is representative of the U.S. population.

CU Anschutz Medical Campus

CU Boulder

CU Denver

Colorado State University

University of Colorado Hospital

Children's Hospital Colorado

National Jewish Hospital

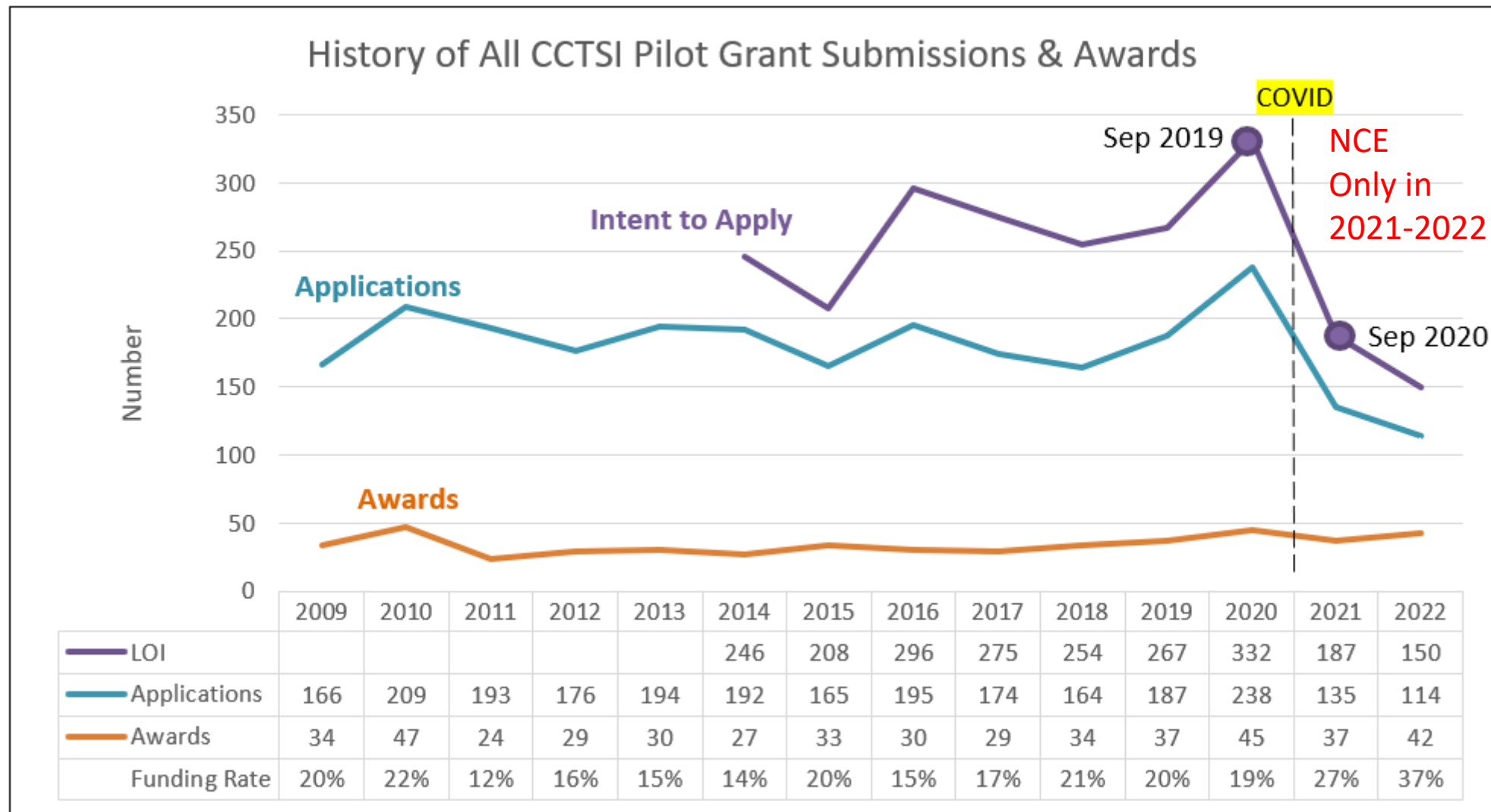
VA Eastern CO Health Care System

Kaiser Permanente Colorado

<https://cctsi.cuanschutz.edu/aboutus/affiliated-institutions>

<https://cctsi.cuanschutz.edu/funding/membership>





Starting 2023, no NCE will be allowed. All projects to be completed in 12-month period



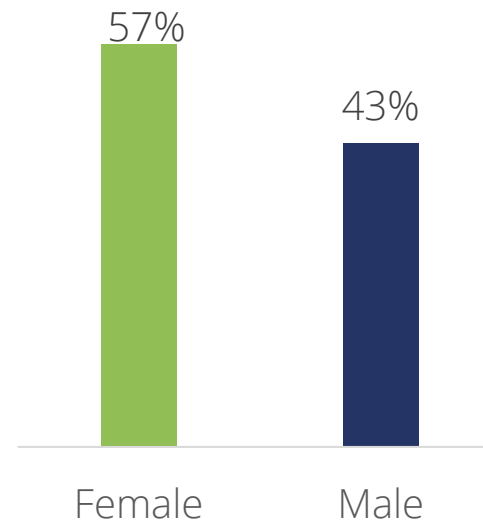
CU-Anschutz Medical Campus	Colorado State	CHCO	CU- Boulder	All other
65%	15%	11%	3%	6%

History of Applicants

DEI in Applicant Population in 2022:

under-represented background (32%)
 low-income background (12%)
 challenging environment (8%)
 first generation college (16%)
 physical or mental disability (2%)
 ethnicity (11% Latino or Hispanic)
 race (33% Asian or African-American)

Demographics (2009 – 2021)



A higher percentage of **females** received a translational pilot award.

11%

Of grantees who received Translational Pilot Awards were **underrepresented minorities** (URMs)



Exclusions/ Restrictions

- An individual may apply in a Key Role on only one application between the CO-/ CMH-/ CE-Pilots. This restriction is not applicable to the TM-Pilots, nor to Non-Key Roles.
 - Key Role individuals on a no-cost extension (NCE) Pilot award are not allowed to apply for the new cycle.
 - Applications proposing to continue the work of a previously funded CCTSI Pilot Grant Project are not allowed.
- CCTSI Pilot Grant Awards may not be used to support research conducted outside of the United States. However, proposals that use data or samples collected at international sites through other means may be considered for funding if the portion of the work conducted locally occurs at CCTSI Affiliate Institutions.
- The CTS-Pilot Program **is not designed to** fund “translational research projects” (which are only focused on crossing a particular step of the translational process for a particular target or disease) that do not also address to some extent a generalizable translational roadblock in **translational science**.



What is new in 2023 Pilot Grant Cycle?

- We are in the new NCATS UM1 Cycle (2023-2028)
- We have increased \$\$ amount per Pilot Award!
- Under the new NCATS guidelines, a pilot project should address overcoming a barrier or roadblock in [translational science](#) as well as a research question
- No-cost extensions will not be allowed for the 2023 award cycle (all projects must be completed by 4/30/2024)



Translational Science Principles

Learn about scientific and operational principles of effective translational science.

NCATS defines translational science as the field of investigation which seeks to understand the scientific and operational principles underlying each step of the [translational process](#).





National Center
for Advancing
Translational Sciences

Transforming Translational Science

NCATS Strategic Principles

Whereas “translational research” focuses on crossing a particular step of the translational process for a particular target or disease, translational science is focused on the general case that applies to any/multiple targets or diseases.

A key tenet of translational science is to understand common causes of inefficiency and failure to complete translational research projects in a timely fashion, which may present a common barrier across various research targets, diseases, and therapeutic areas.



Examples of Translational Science Roadblocks

In the application, the PI must state clearly what is your “translational science roadblock” that you will be addressing in your proposal:

- improved study design by improving rigor and transparency in major generalizable areas of translational discovery
- technical execution of complex mechanistic studies in humans or animal models
- challenges to data acquisition, integrity and analysis
- translational barrier from animal models to human trials; or between adult and pediatric patient populations
- timely participant recruitment and retention
- enhanced recruitments and engagement of underserved populations

Spanning the Full Spectrum of Translation

NCATS' programs, initiatives and other resources span the entire spectrum of translational science.



EXAMPLE



- Discovering new therapeutic targets and molecular pathways which play crucial roles across various therapeutic areas
- Developing or testing models that better predict a person's response to treatment
- Using novel methods to translate findings from the laboratory, clinic, or community into treatments and interventions
- Developing data acquisition methods or post-processing that will facilitate use of complex technologies and datasets in clinical research
- Novel use of informatics or big data to answer important clinical questions
- Developing or testing novel methods in early stage (Phase 1-2) clinical trials to make the trial more efficient
- Developing or testing novel methods, processes or study designs to address health disparities
- Enhancing the design and conduct of clinical trials so the results more accurately reflect the patient population generally affected by a disease (to enhance clinical relevance)
- Developing and testing new tools for engagement of underserved populations
- Developing or testing processes to improve enrollment of diverse populations in a hypothesis-driven research pilot study
- Validating natural animal models of human disease in companion animals



*How to Address
Translational Science Roadblocks?*



Some Examples of Translational Science Pilot Focus

Establishing Molecular Mechanisms of Polymorphism of Cytochrome P450: This study will be performed in vitro using Tg and KO epithelial and hepatic cells using novel immunosuppressive drug (CU AMC Drug Discovery Core). CYP450 polymorphism is a very generalized problem and its understanding will help to establish pharmacokinetic properties of over 75% of existing therapeutic agents (CSU Drug Discovery Core). The pilot addresses the barrier of rigor and transparency in major generalizable areas of translational discovery.

Advanced Bulimia Treatment in Adolescent Girls: Efforts will be made to enroll young female participants from diverse geo-economic and racial backgrounds to address eating and behavioral disorders. fMRI at a 3 Tesla MRI (CU AMC Brain Imaging Core) will provide pharmacodynamics readouts. Addresses enhanced recruitments and engagement of underserved populations



Some Examples of Translational Science Pilot Focus

Validating Natural Animal Translational Disease Models: Many diseases of dogs, cats, horses and other animals are more similar to diseases in people than induced diseases in traditional rodent models. For example, osteosarcoma in dogs is genetically similar to the same tumor in people, and responds to similar therapies. Idiopathic epilepsy in dogs has many symptoms that mimic childhood epilepsies. Accordingly, validating the molecular, diagnostic, and therapeutic features of these diseases in veterinary clinical trials (so called “T0.5”) is a mechanism for improving translational science; addressing translational barrier from animal models to human trials.



Retrospective Analysis on Multi-Institutional CU-CSU Omics Data: These pilots could leverage the pilot to address the issue of performing team science across institutions and data harmonization and transfer between institutions, etc. Address challenges in data acquisition, integrity and analysis.



Colorado (CO-Pilot) Grant Program

To encourage cross-disciplinary and collaborative research in clinical and translational medicine focused on improving human health

Basic research at the cellular and molecular level, pre-clinical research in animal models, clinical research in humans, outcomes, and health services research

Program Directors

Natalie Serkova, PhD

Sue VandeWoude, DVM

Award Categories

- Early-Stage Investigator
Diversity Award
- Mentored Faculty
- Junior Faculty
- CSU/ CU Collaboration



Colorado (CO-Pilot) Grant Program

Amount: \$40K (Mentored/ Junior/ Early Career Diversity)
\$60K (CSU/CU Collaboration)

Duration: 1 year

Major goals

- Support junior faculty/early-stage investigators in their efforts to become an independent PI
- Facilitate developing preliminary data on hypothesis-driven projects to help securing future federal funds
- Foster new collaborations among established CSU/ CU investigators



Colorado (CO-Pilot) Grant Program

CCTSI Pilot Grant Program: PI Eligibility by Academic Rank

These are typical rank eligibility listings for applicants from CCTSI Affiliated Institutions. If you have eligibility questions for atypical ranks, please contact the appropriate Pilot Program office.



✓ = Eligible	Professor ³	Associate Professor ³	Assistant Professor ^{1,3}	Assistant Professor ^{2,3}	Instructor/ Senior Instructor ^{3,4}	Post-Doctoral Fellow/ Residents
Colorado Pilot Program (CO-Pilot)						
Mentored				✓	✓	✓
Junior			✓	✓	✓	
Early-Investigator Diversity			✓	✓	✓	
Collaboration CSU-CU	✓	✓	✓			
Child & Maternal Health Pilot Program (CMH-Pilot)						
Mentored				✓	✓	✓
Junior			✓	✓	✓	
Translational Methods Pilot Program (TM-Pilot)						
All	✓	✓	✓	✓	✓	
Community Engagement Pilot Program (CE-Pilot)						
Joint Pilot Projects	✓	✓	✓	✓	✓	
Partnership Develop. Projects	✓	✓	✓	✓	✓	

¹ Later Career Assistant Professors (4-7 years of experience) typically have prior research funding

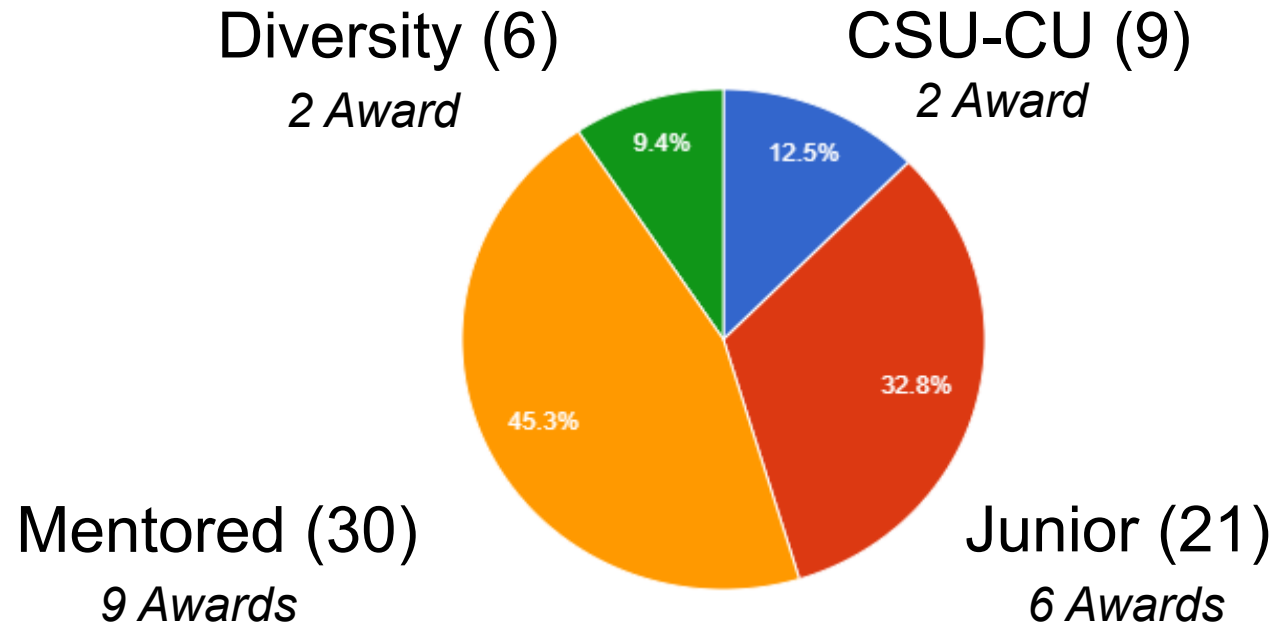
² Early Career Assistant Professors (1-3 years of experience) typically have had limited or no prior research funding

³ Includes Research Scientist rank at Colorado State University

⁴ Includes Research Associate



2022 CO-Pilot Application Cycle

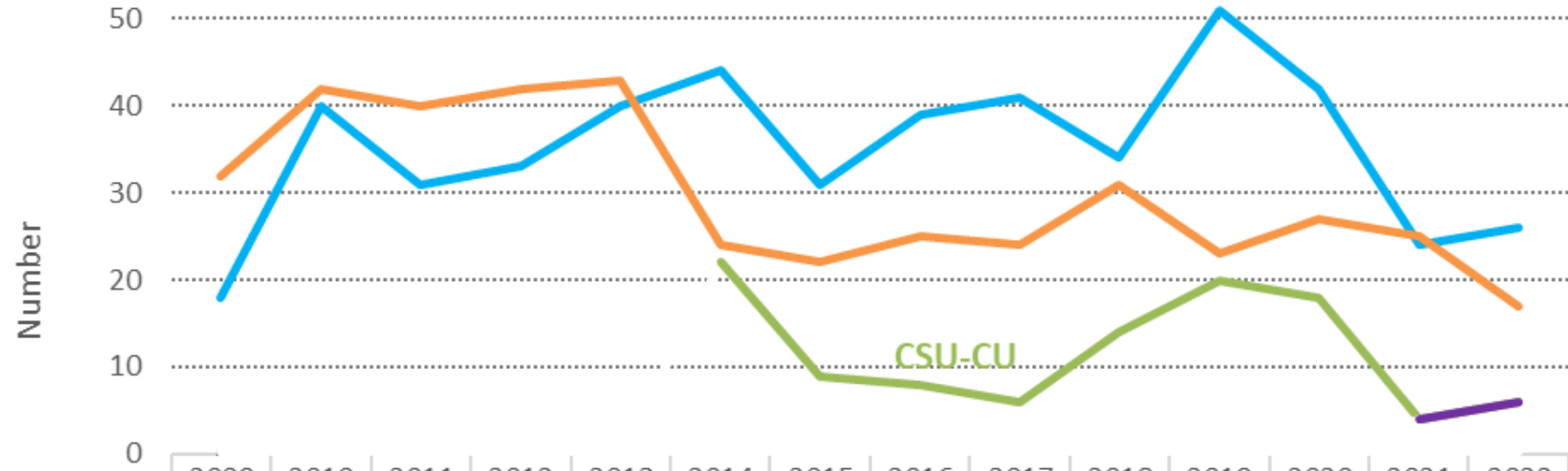


Applicants may submit more than one LOI, but only one Application!

66 Total LOI



CO-Pilot: History of Applications by Award Category



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Mentored	18	40	31	33	40	44	31	39	41	34	51	42	24	26
Junior	32	42	40	42	43	24	22	25	24	31	23	27	25	17
CSU-CU Collaboration						22	9	8	6	14	20	18	4	6
Diversity	0	0	0	0	0	0	0	0	0	0	0	0	4	6
Total Applications	83	140	123	123	121	132	104	122	124	79	94	87	57	55
Awards	13	24	12	10	8	10	12	10	10	16	18	18	15	19
Funding Rate	16%	17%	10%	8%	7%	8%	12%	8%	8%	20%	19%	21%	26%	35%



Child and Maternal Health (CMH-Pilot) Grant Program

Cross-disciplinary and collaborative research focused on children of all ages as well as pregnant women and mothers of newborn and young infants that will ultimately improve child and maternal health

Basic research at the cellular and molecular level, pre-clinical research in animal models, clinical research in humans, outcomes, and health services research

Program Directors

Philip Zeitler, MD

Christopher Baker, MD

Award Categories

- Mentored Faculty
- Junior Faculty



Child and Maternal Health (CMH-Pilot) Grant Program

Amount: \$40K
Duration: 1 year

Major goals

- Support junior faculty/early-stage investigators in their efforts to become an independent PI
- Facilitate developing preliminary data on hypothesis-driven projects to help securing future federal funds



Child and Maternal Health (CMH-Pilot) Grant Program

CCTSI Pilot Grant Program: PI Eligibility by Academic Rank

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Early-Investigator Diversity			✓	✓	✓	
Collaboration CSU-CU	✓	✓	✓			
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Joint Pilot Projects	✓	✓	✓	✓	✓	
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¹ Later Career Assistant Professors (4-7 years of experience) typically have prior research funding

² Early Career Assistant Professors (1-3 years of experience) typically have had limited or no prior research funding

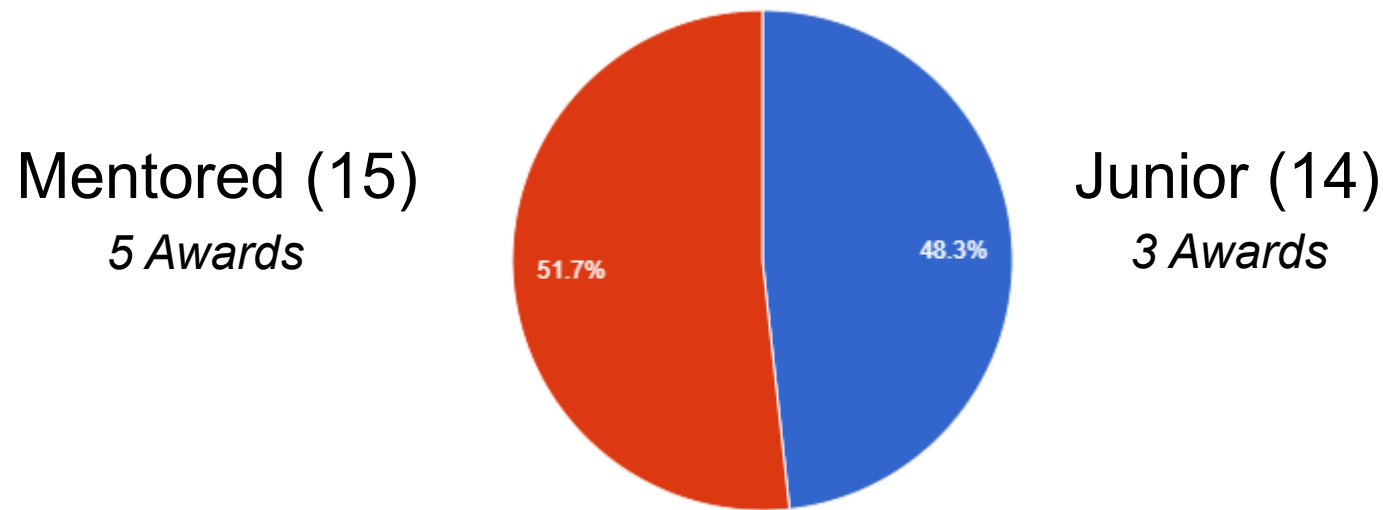
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2022 CMH-Pilot Application Cycle

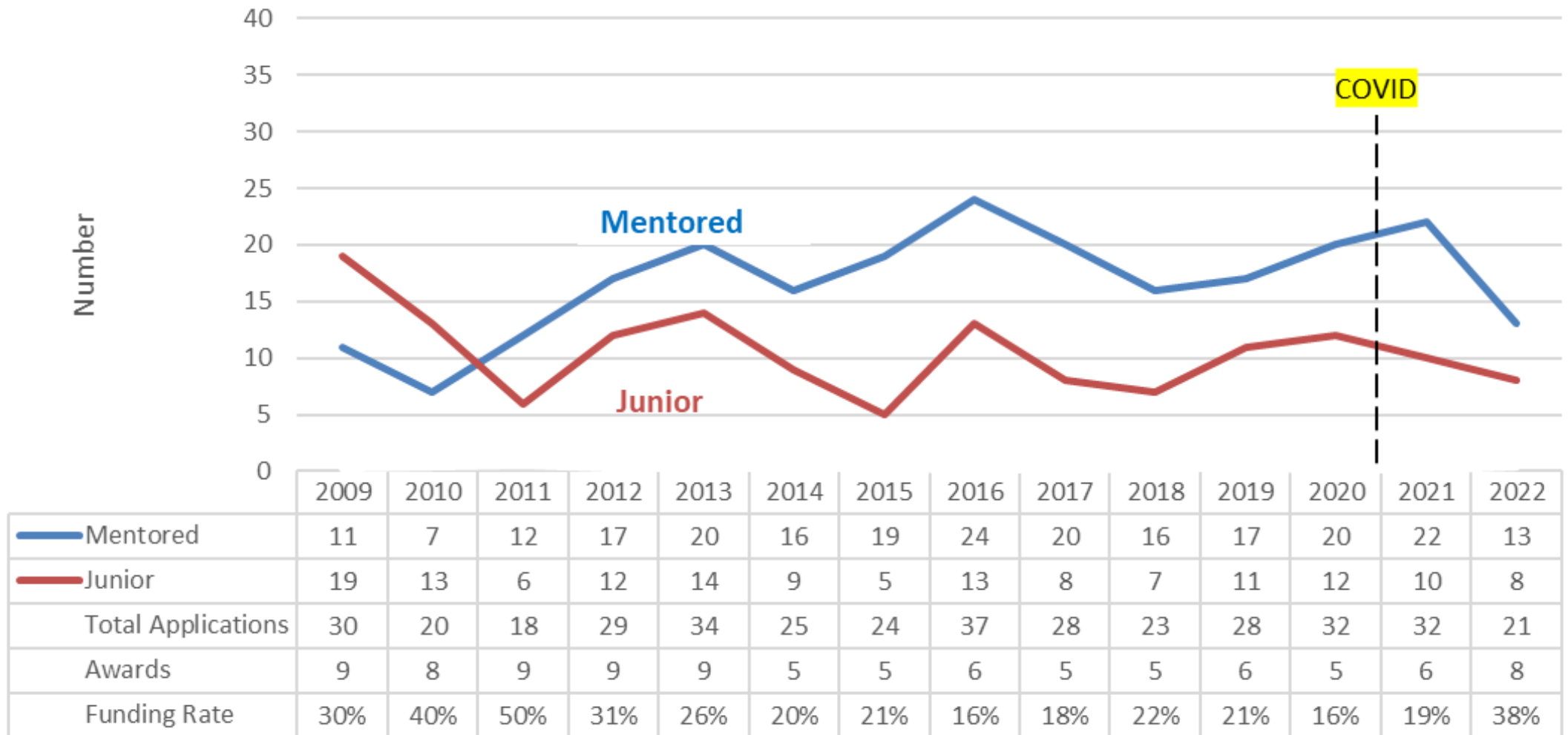
Applicants may submit more than one LOI, but only one Application!



29 Total LOI



CMH-Pilot: History of Applications by Award Category



Translational Methods (TM-Pilot) Grant Program

Speed the development and application of novel technologies, methods, or analytical assays for clinical and translational research that are presently lacking or not available to CCTSI members

Facilitate developing functioning and validated methodologies which are not yet available in Colorado, foster new collaborations, and disseminate new technologies across the CCTSI

Program Director

Natalie Serkova, PhD

Award Categories

- Translational Methods
- Biostatistics & Bioinformatics
- Colorado State University (PI)



Translational Methods (TM-Pilot) Grant Program

Amount: \$30K

Duration: 1 year

Major goals

- Provide support for developing new technologies, assays, algorithms, animal models
- Support new collaborations between a “technology driven PI” and an “application PI”
- Facilitate dissemination of the newly developed technologies among the CCTSI research community



Translational Methods (TM-Pilot) Grant Program

CCTSI Pilot Grant Program: PI Eligibility by Academic Rank

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Early-Investigator Diversity			✓	✓	✓	
Collaboration CSU-CU	✓	✓	✓			
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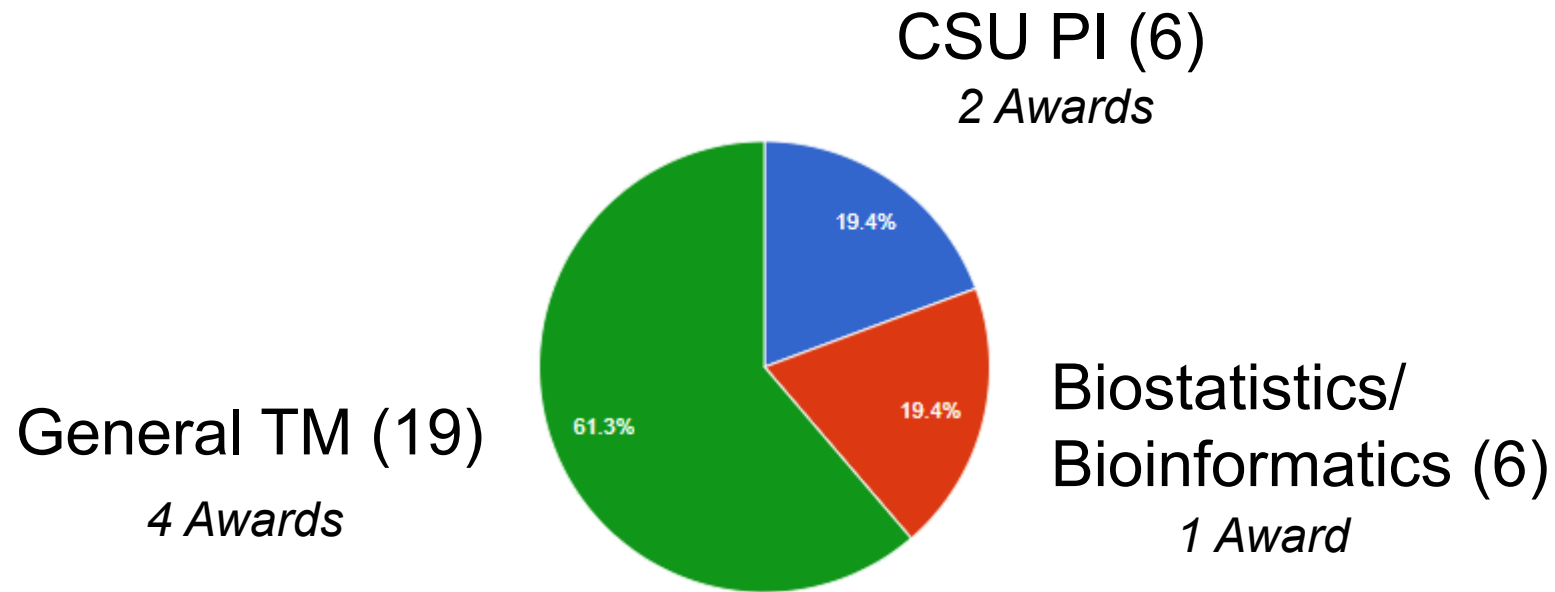
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2022 TM-Pilot Application Cycle

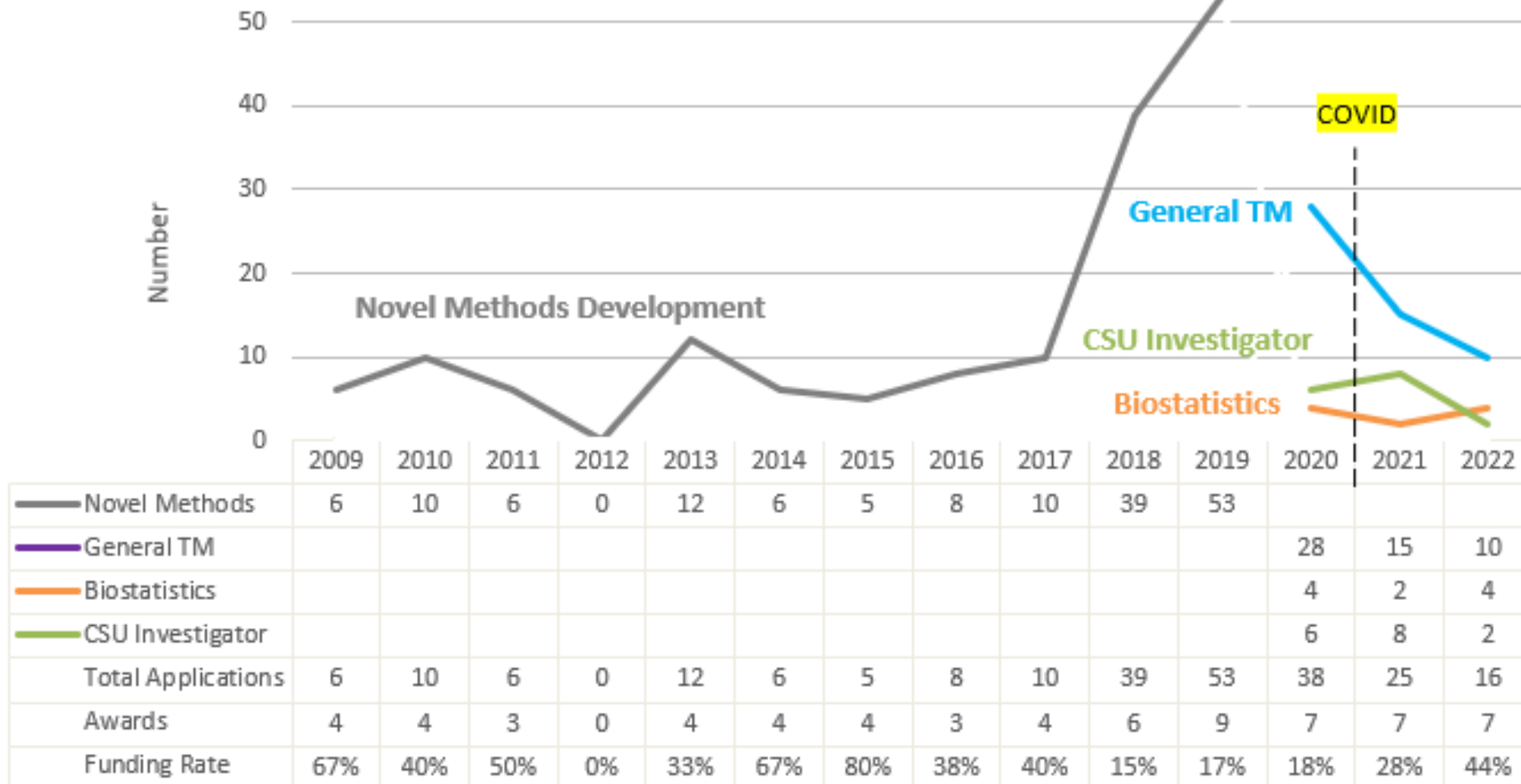


31 Total LOI

Applicants may submit more than one LOI, but only one Application!



TM-Pilot: History of Applications by Award Category



Community Engagement (CE-Pilot) Grant Program

Supports community-academic partnerships to perform pilot studies that will strengthen relationships and produce preliminary data for future competitive grant applications.

Funded projects may encompass partnership development, project planning, capacity building as well as T3/T4 translational research projects within specified areas of emphasis with the ultimate goal of reducing health disparities or designed to understand how to decrease health disparities.

Program Deputy Director

Montelle Tamez, PhD

Award Categories

- Partnership Development (\$8K)
- Joint Project (\$25K)



Review Criteria

CO-Pilot and CMH-Pilot

1. **Innovation:** Is the proposal innovative and novel in its hypotheses, approaches, and techniques?
2. **Approach/Scientific Merit:** Are hypotheses and experimental approach sound?
3. **Cross-disciplinary or Collaborative Focus:** Does the research involve a new collaboration, especially one that increases its translational nature?
4. **Significance:** Would the proposed research be likely to further the CCTSI Mission? To “Accelerate and catalyze the translation of innovative science into improved health and patient care.”
5. **Translational Science Roadblock:** does the Pilot proposal address a [translational science roadblock](#) that could be generalizable to other research studies?
6. **Investigators:** Do the investigators have the necessary expertise and capacity to complete the proposed research?
7. **Environment:** Are the institutional support, equipment, and other physical resources available to the investigators adequate for the project proposed?

Health Equity and Diversity (Non-Scoring Criteria): Reviewers are asked to comment on how this proposal contributes to improving diversity in translational research at CCTSI Affiliated Institutions, address health inequities and/or the impact of the social determinants of health, enhance diversity in the translational research pipeline, etc.



Review Criteria

TM-Pilot

1. **Innovation:** Is the proposal innovative and novel in its hypotheses, approaches, and techniques?
2. **Approach/Scientific Merit:** Are hypotheses and experimental approach sound?
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Tips for Success



University of Colorado Anschutz Medical Campus

Webmail | UCD Access | Canvas | Quick Links |

Colorado Clinical and Translational Sciences Institute

Resources

Training

Funding

Community Engagement

News and Events

About Us

Volunteer for a Study

- Clinical and Translational Research Centers (CTRC)
- Language For Your Grant Applications
- Protocol Submission
- Clinical Research Support Team (CReST)
- Regulatory Knowledge and Support
- DSMB Assistance
- Translational Informatics
- Biostatistics, Epidemiology, and Research Design (BERD)
- Trial Innovation Network (TIN)
- Recruit Participants
- Research Ethics
- Research Studio Program
- Find a Researcher (PROFILES)
- IT Campus Research Resources
- Early Life Exposures Research Program (ELEP)
- Dissemination and Implementation
- What are you looking for?



ACCELERATING RESEARCH TO IMPROVE HEALTH

The CCTSI helps build research teams of the future, speed the development of new treatments and improve human health



Colorado Clinical and Translational
Sciences Institute (CCTSI)

UNIVERSITY OF COLORADO DENVER | ANSCHUTZ MEDICAL CAMPUS

<https://cctsi.cuanschutz.edu/resources>





Colorado Clinical and Translational Sciences Institute (CCTSI)

UNIVERSITY OF COLORADO DENVER | ANSCHUTZ MEDICAL CAMPUS



Regulatory Knowledge and Support

The Regulatory Knowledge and Support Core (RKSC) of the CCTSI provides a support structure to deal with the complexities of research regulatory compliance.



Research Ethics

This free consultative service is sponsored by the CCTSI and is available to all biomedical and behavioral researchers at CU Anschutz, as well as its institutional partners and clinical affiliates, who seek advice about ethically complex aspects of their research.



Trial Innovation Network

The Trial Innovation Network is a new collaborative initiative within the CTSA Program and is composed of three key organizational partners – the CTSA Program Hubs, the Trial Innovation Centers (TICs) and the Recruitment Innovation Center (RIC).



Clinical Research Support Team

Provides a pool of experienced study coordinators and regulatory staff to assist with clinical research study start-up, implementation and closeout.



Biostatistics, Epidemiology and Research Design (BERD)

Providing statistical collaboration and resources to CCTSI investigators and trainees. We facilitate clinical and translational research through statistical consultation, improved statistical literacy, through seminars and short courses, and advanced tools.



Recruit Participants

Access the many resources necessary for successful recruitment of participants for clinical research studies. Learn how to develop and implement a well-planned strategy.



Funding

Each year, the CCTSI awards more than \$2 million in pilot grants, microgrants and pre-doctoral and post-doctoral research scholar awards.



Language for Grant Applications

CCTSI resources and other support details for your grant applications.



Protocol Submission

The Research Submission Portal process will ensure that your human subject research is ready for IRB submission.



Find a Researcher

The Colorado PROFILES search engine and social networking platform for biomedical researchers provides tools to help investigators and students find experts, potential collaborators or mentors.

[CTRC Pricing](#)

[CCTSI Research Studio Program](#)

[Colorado PROFILES](#)

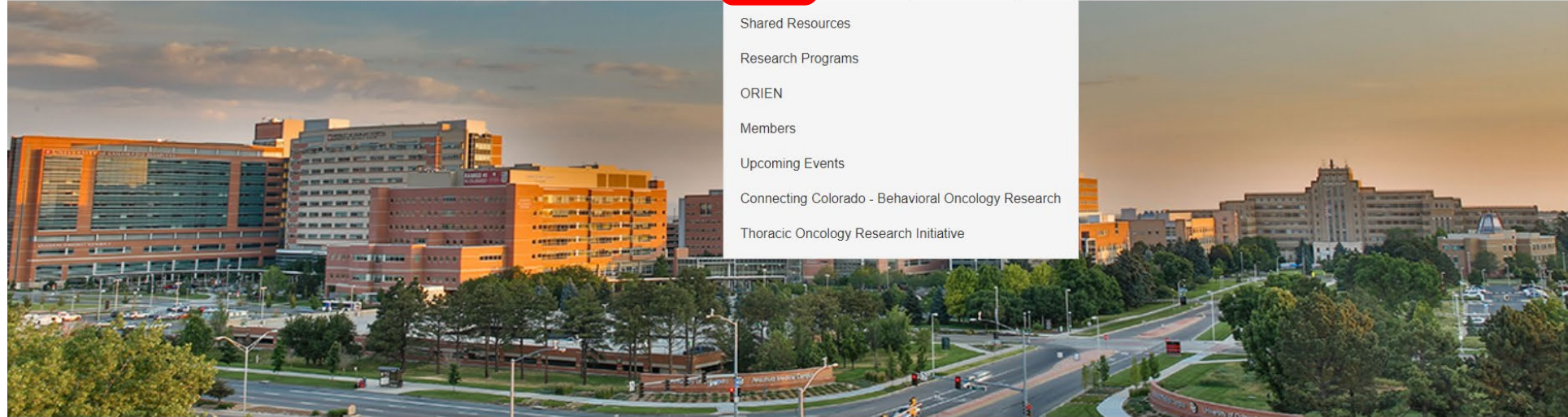


University of Colorado Cancer Center

School of Medicine

[Home](#) [About Us](#) [Patients & Families](#) [Clinical Trials](#) [Research](#) [Education](#) [Community](#) [News](#)

- Shared Resources
- Research Programs
- ORIEN
- Members
- Upcoming Events
- Connecting Colorado - Behavioral Oncology Research
- Thoracic Oncology Research Initiative



The CU Cancer Center supports a variety of state-of-the-art technological shared resources – *their incorporation into **CO/CMH/TM-Pilot** proposals is encouraged!*

Animal Imaging – Biostatistics and Bioinformatics – Cell Technologies – Drug Discovery and Development – Flow Cytometry – Functional Genomics – Genomics – Human Immune Monitoring – Mass Spectrometry – Population Health – Structural Biology – Pathology

<https://medschool.cuanschutz.edu/colorado-cancer-center#CUMain>



Research Core Labs



One of the defining features of a top-tier research university is the availability of core facilities that provide a spectrum of contemporary analytic tools that can be shared across the campus. Ideally these cores provide both technical and consultative services at modest cost and, as a result, elevate the quality of the overall research enterprise. It is appropriate that the core landscape evolves as new technologies emerge and others become obsolete.

Below is a list to the current operational research cores supported by the School of Medicine and the research leadership on the Anschutz Medical Campus.

Search our Core Labs



e.g., biomarker, data analysis, flow cytometry, genetic screen, proteomics

<https://researchcores.cuanschutz.edu/>

Application Process

Kristen House
CCTSI Pilot Program Administrator



How to Apply

University of Colorado Anschutz Medical Campus

Webmail | UCD Access | Canvas | Quick Links |

Colorado Clinical and Translational Sciences Institute

Resources Training **Funding** Community Engagement News and Events About Us Volunteer for a Study

- TL1 Pre and Post Doctoral Program
- KL2 Mentored Career Development Award
- CCTSI COVID-19-Related Research Pilot
- CO-Pilot Grants**
 - Child and Maternal Health Pilot Grant (CMH-Pilot)
 - Community Engagement Pilot Grant (CE-Pilot)
 - Translational Methods Pilot Grant (TM-Pilot)
- CTRC MicroGrants
- CCTSI Membership

Funding Opportunities

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 below

<https://cctsi.cuanschutz.edu/funding>



Colorado Clinical and Translational Sciences Institute

[Resources](#) [Training](#) [Funding](#) [Community Engagement](#) [News and Events](#) [About Us](#) [Volunteer for a Study](#)[CCTSI](#) > [Funding](#) > [CO-Pilot Grants](#)[Child and Maternal Health Pilot Grant \(CMH-Pilot\)](#)[Community Engagement Pilot Grant \(CE-Pilot\)](#)[Translational Methods Pilot Grant \(TM-Pilot\)](#)

2023 Key Dates

RFA Posted

July 25, 2022

Intent to Apply Due

September 9, 2022 at 5:00 pm MT

Informational Call #1

Tuesday, August 9, 2022: 2:00 - 3:00 pm

[Join via Zoom](#)

Phone: 346-248-7799, Meeting ID: 986 6264 4043

Informational Call #2

Monday, September 19, 2022: 2:00 - 3:00 pm

[Join via Zoom](#)

Phone: (346) 248-7799, meeting ID #949 0113 2910

Application Deadline

October 3, 2022, 5:00 pm MT

Scientific Merit Review

January 2023

Start of Award

May 1, 2023

Award Expiration Date

April 30, 2024

[Email Pilot Grant Program](#)

Contact Us

CO-Pilot Office

Colorado Pilot Grant Program (CO-Pilot)

One-year pilot grant awards to mentored and junior investigators to provide initial support for proof of concept projects and to CU-CSU teams. Encouraging new cross-disciplinary and collaborative projects in clinical and translational medicine to address translational science roadblocks.

The program is intended to fund early-stage, preparatory or feasibility studies to overcome roadblocks in the translational process. This will apply to the variety of new disease pathways, technologies, protocols or participant recruitments strategies (to name a few) as stepping-stones toward a full and hypothesis-testing investigation.

RFA issued in July, Applications due in October, Selection in February.

CO-Pilot Award Categories

Increased award amount this year!

Early-Stage Investigator Diversity Award - \$40,000

Mentored - \$40,000

Junior - \$40,000

CSU/CU Collaboration - \$60,000

Request for Applications (RFA)

The RFA describes eligibility, award categories and application requirements

 [2023 CCTSI CO-Pilot Grant CTS Program RFA \(pdf\)](#)
305 KB

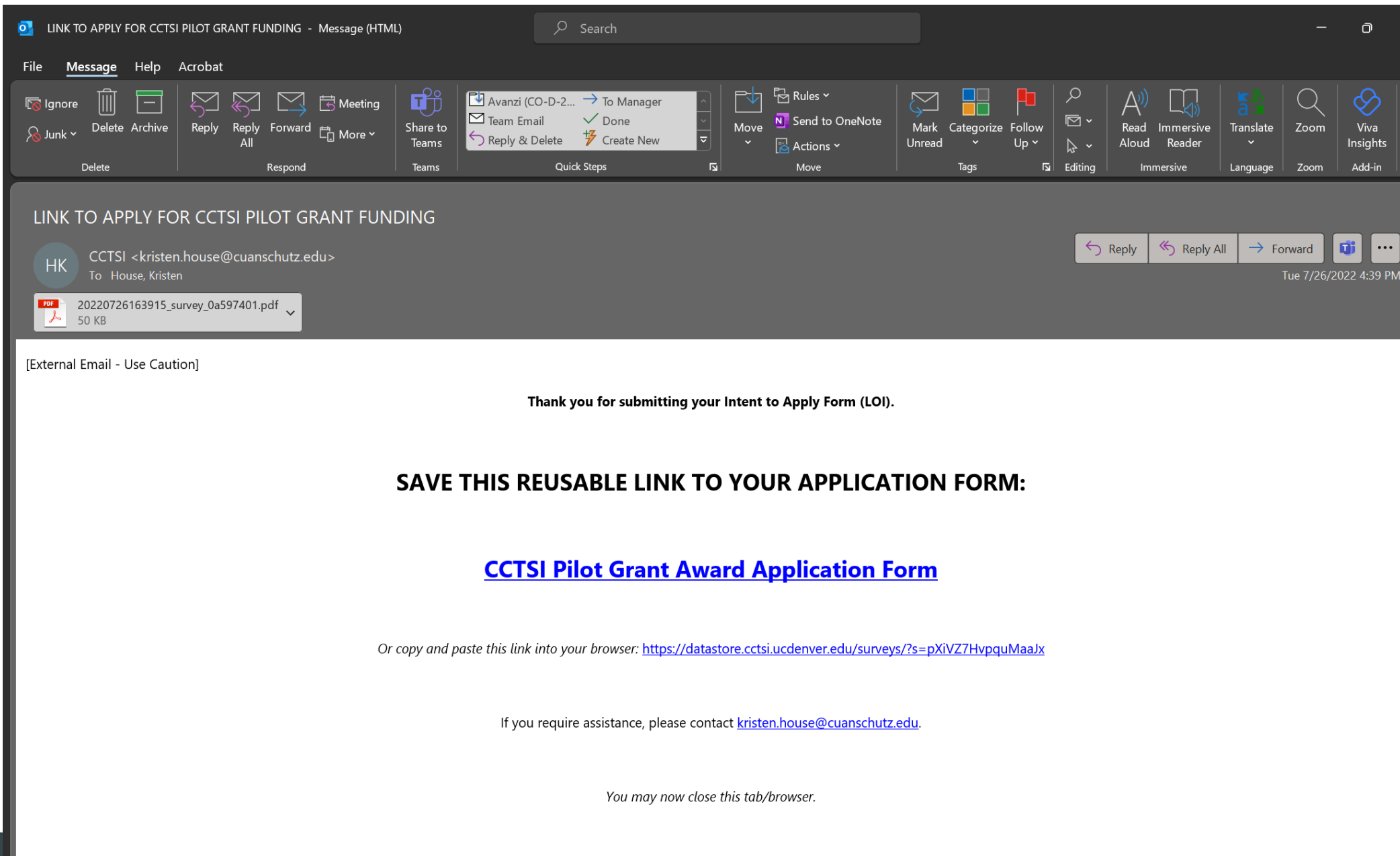
Intent to Apply Form

Deadline: September 9, 2022 at 5:00 PM MT

Information & Resources

 [2023 Translational Science Examples \(pdf\)](#)
Download (194 KB) [CCTSI 2023 Applicant Checklist \(pdf\)](#)
Download (119 KB) [2023 Required Budget template \(pdf\)](#)
Download (122 KB) [2023 PI Eligibility by Academic Rank \(pdf\)](#)
Download (139 KB) [2023 Required Budget template \(xlsx\)](#)
Download (13 KB)<https://cctsi.cuanschutz.edu/funding/copilot><https://cctsi.cuanschutz.edu/funding/cmh><https://cctsi.cuanschutz.edu/funding/tm><https://cctsi.cuanschutz.edu/funding/cepilot>

Save
this
email!



CCTSI Pilot Grant Award Budget

Budget and Active Award Period: 05/01/2023 to 04/30/2024

Applicants
should
customize
these
Categories



CATEGORY & ITEM(S)	Indicate Budget for Each Location					Total Amount
	CU AMC	CSU	CU Boulder	CHCO	Other Institution (Specify Location)	
Key Personnel Salary & Fringe						\$ -
Other Personnel						\$ -
Fee for Services (including Core Services)						\$ -
Supplies						\$ -
Equipment						\$ -
Animals						\$ -

Budget Template ([Excel](#)) and ([PDF](#))



APPLICATION CHECKLIST

This checklist is for informational purposes only. All applicants must comply with the requirements of the official Request for Funding Applications (RFA) posted on the CCTSI website.

Intent to Apply Form (LOI)

		All Applicants	Mentored	Junior	CU-CSU Award	TM-Pilot	CSU Faculty
1	Select CCTSI Pilot Grant Program	Required					
2	Select Pilot Award Category	Required					
3	Certify this project meets RFA Eligibility & Exclusion criteria	Required					
4	Does this study involve collaboration with non-CCTSI Affiliated Institution(s)?	Required					
5	Are any investigators involved with this project associated with Colorado State University?	Required					
6	Project Title	Required					
7	Translational Science Roadblock	Required					
8	Contact Information: Principal Investigator	Required					
9	Contact Information: Co-Principal Investigator				Required	Optional	
10	Contact Information: Co-Investigator(s)	If Applicable					
11	Contact Information: Primary Mentor (or two Co-Mentors)		Required				
12	Contact Information: Requested Reviewer(s)	Optional					
13	Research Topics (Used to pair applications with reviewers)	Optional					

Application Checklist ([Excel](#)) or ([PDF](#))



20							
21	Application Form						
22			All Applicants	Mentored	Junior	CU-CSU Award	TM-Pilot
23	1	Confirm all contact information from LOI is accurate. Combine all documentation required in the RFA and combine into a single PDF to upload with your online Application Form.	Required				
24	2	Project Overview (2-3 sentences) List all investigator names, titles, institutions before the Project Overview	Required				
25	3	Abstract (strict 250 word limit)	Required				
26	4	Specific Aims (1/2 page), including a Translational Science Roadblock	Required				
27	5	Background, Significance and Innovation (1 and 1/2 pages), including the description of the translational science roadblock	Required				
28	6	Approach (3 page limits), including Experimental Design, Translational Science Roadblock, Data and Statistical Analysis, Feasibility, Shared Resources, Timeline	Required				
29	7	References (no page limit)	Required				
30	8	Multiple PI Plan (1 page limit)				Required	Optional
31	9	Mentor Letter of Support (no page limit) If there are two co-Mentors, a combined letter or two separate letters will be accepted as a single PDF.		Required			
32	10	Career Development Plan (1 page)		Required			
33	11	Letters of Support (no page limit) May include department chairs, consultants, foundations, commercial sources, manufacturers, etc.	Optional				
34	12	Budget (1 page limit, vertical alignment only) Please use the CCTSI Budget Template (available on the CCTSI website)	Required				
35	13	Budget Justification (1 page limit)	Required				
36	14	Biosketches (no page limit)	Required				
37	15	CSU OSP Proposal Transmission Letter (no page limit) Contact Jessica Hunter (jessica.hunter@colostate.edu) for details.				Required	Required
38	16	Cost Share Budget (1 page limit) Applications may include collaboration with non-CCTSI Affiliated organizations. Refer to RFA for specific instructions.	See RFA, Check with Kristen House				
39	17	Other: Institutional Prior Approval (no page limit) Applicants based at CCTSI Affiliated Institutions are strongly encouraged to work with the sponsored programs office at their institution to meet all pre-application requirements specific to their organization, including applications for federal and non-federal (internally funded) seed grant programs.	Check with institution				

Application Checklist ([Excel](#)) or ([PDF](#))



2023 CO/CMH Application Cycle Dates

July - August	Request for Funding Announcement (RFA)
Aug 9, 2022	CO/CMH Informational Call #1 (Zoom)
Sep 9, 2022	CO/CMH-Pilot Intent-to-Apply Form Due - 5 pm
Sep 19, 2022	CO/CMH Informational Call #2 (Zoom)
Oct 3, 2022	CO/CMH-Pilot Application Form Due - 5 pm
Aug 24, 2022	TM Informational Call #1 (Zoom)
Sep 26, 2022	TM-Pilot Intent-to-Apply Form Due - 5 pm
Oct 19, 2022	TM Informational Call #2 (Zoom)
Nov 7, 2022	TM-Pilot Application Form Due - 5 pm
January 2023	CCTSI Review Panels
February 2023	Notice of Selection
March 1, 2023	Awardees Publicly Announced
May 1, 2023	Active Funding Period Begins
April 30, 2024	Active Funding Ends

2023 Key Dates

RFA Posted

July 25, 2022

Intent to Apply Due

September 9, 2022 at 5:00 pm MT

Informational Call #1

Tuesday, August 9, 2022: 2:00 - 3:00 pm

[Join via Zoom](#)

Phone: 346-248-7799, Meeting ID: 986 6264 4043

Informational Call #2

Monday, September 19, 2022: 2:00 - 3:00 pm

[Join via Zoom](#)

Phone: (346) 248-7799, meeting ID #949 0113 2910

Application Deadline

October 3, 2022, 5:00 pm MT

Scientific Merit Review

January 2023

Start of Award

May 1, 2023

Award Expiration Date

April 30, 2024

[Email Pilot Grant Program](#)



CCTSI Pilot Grant Contacts

<https://cctsi.cuanschultz.edu/funding>

Kristen House

CCTSI Pilot Program Administrator

kristen.house@cuanschultz.edu

Dr. Natalie Serkova

CO/TM-Pilot Program Director

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Jessica Hunter

CSU Pilot Program Administrator

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Dr. Philip Zeitler

CMH-Pilot Director

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Dr. Sue VandeWoude

CSU Pilot Program Director

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Dr. Christopher Baker

CMH-Pilot Director

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