CCTSI Pilot Grant Programs

CCTSI awards $3 million/year in pilot grants, microgrants, and pre-doctoral and post-doctoral research scholar awards

Funding Sources

• National Center for Advancing Translational Science (NCATS)
• University of Colorado School of Medicine Dean’s Office
• Children’s Hospital Colorado Research Institute
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

Major goals

• Facilitate developing functioning and validated methodologies, which are not yet available in Colorado
• Foster new collaborations
• Disseminate new technologies across the CCTSI
TM-Pilot Awards

Multiple TM-Pilot awards of up to $20,000 each for one-year projects

Categories:

• General Translational Methods Pilot Grant Awards
• Biostatistics/Bioinformatics Pilot Grant Award
• Colorado State University Pilot Grant Award (CSU PI)
New This Year for TM-Pilot

For All Grants:

• A special focus/ priority for COVID-19 based applications
• Diversity and Health Disparity Focus

For CU/CSU Applications:

• Development of New Animal Model – not a requirement, but will be encouraged/ prioritize
# History of Funding

<table>
<thead>
<tr>
<th>Program</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO-Pilot</td>
<td>LOI</td>
<td>122</td>
<td>144</td>
</tr>
<tr>
<td></td>
<td>Applications</td>
<td>79</td>
<td>94</td>
</tr>
<tr>
<td></td>
<td>Awards</td>
<td>18 (23%)</td>
<td>19 (20%)</td>
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<tr>
<td>CMH-Pilot</td>
<td>LOI</td>
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<td>42</td>
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<tr>
<td></td>
<td>Applications</td>
<td>23</td>
<td>28</td>
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<tr>
<td></td>
<td>Awards</td>
<td>5 (22%)</td>
<td>6 (21%)</td>
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<tr>
<td>TM-Pilot</td>
<td>LOI</td>
<td>n/a</td>
<td>64</td>
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<tr>
<td></td>
<td>Applications</td>
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<tr>
<td></td>
<td>Awards</td>
<td>6</td>
<td>9 (18%)</td>
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<tr>
<td>CE-Pilot</td>
<td>LOI</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td></td>
<td>Applications</td>
<td>n/a</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Awards</td>
<td>6</td>
<td>4 (33%)</td>
</tr>
</tbody>
</table>
Colorado Clinical and Translational Sciences Institute

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.
University of Colorado Anschutz Medical Campus

Community Engagement Pilot Grant (CE-Pilot)

Translational Methods Pilot Grant (TM-Pilot)

CTRC MicroGrants

CCTSI Membership

TM-Pilot Award Categories

Multiple TM-Pilot awards of up to $20,000 each will be awarded in these categories:

- General Translational Methods Awards
- Biosciences/Biomechanics Awards
- Colorado State University Awards

Request for Applications (RFA)

The RFA describes eligibility, award categories and application requirements.

2021 CCTSI TM-Pilot Program RFA (pdf)

250 KB

Information & Resources

- 2021 CTSI TM-Pilot Application Checklist (pdf)
- 2021 CTSI Pilot Grant Budget Template (xlsx)
- 2021 CTSI Pilot Grant Budget Template (pdf)
- PI Eligibility by Academic Rank (pdf)

Online Submission Portal

Register your project and submit the intent to apply form

- CCTSI Resources
- CU Cancer Center Shared Resources
- CCTSI Research Core Facilities (CTRCs)
- Biostatistical Epidemiology and Research Design (BERD)

Award Cycle

Eligibility and Exclusions/Restrictions

Routing Applications
TM-Pilot Program Eligibility

- CCTSI Members
- Faculty at CCTSI Affiliated Institutions (Instructor level and above)

CU Anschutz Medical Campus  University of Colorado Hospital
CU Boulder  Children’s Hospital Colorado
CU Denver  National Jewish Hospital
Colorado State University  VA Eastern CO Health Care System
Kaiser Permanente Colorado
CCTSI Pilot Programs: 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.

<table>
<thead>
<tr>
<th></th>
<th>Professor</th>
<th>Associate Professor</th>
<th>Assistant Professor ¹</th>
<th>Assistant Professor ²</th>
<th>Instructor/ Senior Instructor ³</th>
<th>Post-Doctoral Fellow</th>
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<tbody>
<tr>
<td><strong>Colorado Pilot Program (CO-Pilot)</strong></td>
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<tr>
<td>Mentored</td>
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<tr>
<td>Junior</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Early-Investigator Diversity</td>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Collaboration CSU-CU</td>
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<td>✓</td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
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<tr>
<td><strong>Child &amp; Maternal Health Pilot Program (CMH-Pilot)</strong></td>
<td></td>
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<tr>
<td>Mentored</td>
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<tr>
<td>Junior</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td><strong>Translational Methods Pilot Program (TM-Pilot)</strong></td>
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<tr>
<td>All</td>
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<td>✓</td>
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<tr>
<td><strong>Community Engagement Pilot Program (CE-Pilot)</strong></td>
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<td></td>
</tr>
<tr>
<td>Joint Pilot Projects</td>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>Partnership Develop. Projects</td>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

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
Translational Methods Pilot Grant

The TM-Pilot Program (formerly known as Novel Method Development) supports the development of novel methods and innovative technologies for clinical and translational research. This includes the development of new assays, methods or technologies which are not currently available to the CU Anschutz campus and CCTSI affiliated institutions.

Applications with two co-PIs, one for technology development and another for a scientific application, are especially encouraged to ensure future application and dissemination of newly developed technologies.

The TM-Pilot Request for Funding (RFA) is issued in October, applications due in December, and awards are selected in February. The active funding period is May through April. Exact dates are listed in the Key Dates section of this page.

TM-Pilot Award Categories

Multiple TM-Pilot awards of up to $20,000 each will be awarded in these categories:

- General Translational Methods Awards
- Biostatistics/Bioinformatics Awards
- Colorado State University Awards

Request for Applications (RFA)

The RFA describes eligibility, award categories and application requirements.

Key Dates

- Posted Date: Late August, 2020
- Intent to Apply Form Due: October 14, 2020, 5:00 pm MST
- Informational Calls: September 14, 2:00 - 3:00 pm

Information & Resources

- 2021 CCTSI TM-Pilot Program RFA (pdf)
- 2021 CCTSI TM-Pilot Application Checklist (pdf)
- 2021 CCTSI Pilot Grant Budget Template (xlsx)
- 2021 CCTSI Pilot Grant Budget Template (pdf)
# CCTSI Application Checklist
## 2021 TM-Pilot Program

When you submit your Pilot Program Application Form online, you will be required to attach a combined PDF of all required proposal material listed in the order below:

<table>
<thead>
<tr>
<th>#</th>
<th>Description of Required Materials</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><strong>Abstract</strong> (250 word limit): Include header with project title and name/title/affiliation of investigators, overall goal, anticipated outcomes, and how the research meets RFA objectives.</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td><strong>Research Plan</strong> (total 4 page limit): Must be consistent with NIH requirements. Include specific aims, background and significance, approach, and education mission</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td><strong>References</strong> (no page limit)</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td><strong>Optional Letters of Support</strong> (no page limit): Optional LOS from department chairs, consultants, foundations, commercial sources, manufacturers, other financial commitments, etc.</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td><strong>Budget</strong> (1 page limit, use the <a href="#">Budget Template</a> on the TM-Pilot webpage under “Information &amp; Resources”)</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td><strong>Budget Justification</strong> (1 page limit): The justification must align with budget and any financial commitments in Letters of Support, and other support for the project should be described.</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td><strong>Biosketches</strong> (no page limit): A Biosketch in current NIH format and page limit is required for each individual listed in a Key Role. This includes PI, co-PI, and co-Investigator(s).</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td><strong>Institutional Prior Approval</strong> (no page limit): Applicants 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. All proposals involving CSU investigator(s) in Key Roles must submit a signed OSP Proposal Transmission Letter with their Application Form.</td>
<td></td>
</tr>
</tbody>
</table>
TM-Pilot Application Guidelines

• Abstract (limit 250 words)
• Research Plan (4 page limit)
  – Specific Aims (½ page limit)
  – Background and Significance (1 page limit)
  – Approach (suggested 1-2 pages)
• Education Mission (suggested ¼ to ½ page)
• References
• Budget and Justification (NEW: Use Budget Template)
• Biosketches (current NIH format and page limit)
• Letters of Support (no page limit)
  – Institutional Prior Approval LOS: For CSU Investigators
  – Institutional Prior Approval LOS: For Investigators Outside CU Denver and AMC

Highlight Innovation!
Highlight Dissemination!
Translational Methods Pilot Grant

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Request for Applications (RFA)

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Information & Resources

- 2021 CCTSI TM-Pilot Program RFA (pdf) 260 KB
- 2021 CCTSI TM-Pilot Application Checklist (pdf) 133 KB
- 2021 CCTSI Pilot Grant Budget Template (xlsx) 15 KB
- 2021 CCTSI Pilot Grant Budget Template (pdf) 17 KB
## CCTSI PILOT PROJECT DETAILED BUDGET

**Instructions:** Include direct costs only (with the exception that CSU/UC Collaboration Category applicants may include F&A). You may add or edit items/categories as applicable. A list of CCTSI Affiliated Institutions may be found at: https://ccts.uvaarichuiz.edu/aboutus/affiliated-institutions

**Proposed Budget Period:** 5/1/2021 through 5/30/2022

<table>
<thead>
<tr>
<th>ITEM</th>
<th>UC Denver</th>
<th>CCTXI AFFILIATED INSTITUTION (Specify CSU, NR, UCR, CHCO, DP, NIH)</th>
<th>Non-CCTSI AFFILIATES * (Specify Institution/Organization)</th>
<th>Subtotal</th>
</tr>
</thead>
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<tr>
<td></td>
<td>Description</td>
<td>Amount</td>
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<td>Amount</td>
</tr>
<tr>
<td>SALARY &amp; FRINGE BENEFITS</td>
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<td>PERSONNEL</td>
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<td>SUPPLIES (Itemize by category)</td>
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<tr>
<td>EQUIPMENT (Itemize)</td>
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<td>TRAVEL</td>
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<td>ANIMALS (Itemize by category)</td>
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<td>PARTICIPANT INCENTIVES</td>
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<td>OTHER EXPENSES (Itemize by category)</td>
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</tbody>
</table>

Subtotals

<table>
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<tr>
<th>UC Denver</th>
<th>CCTXI AFFILIATED INSTITUTION (Specify CSU, NR, UCR, CHCO, DP, NIH)</th>
<th>Non-CCTSI AFFILIATES * (Specify Institution/Organization)</th>
<th>Subtotal</th>
</tr>
</thead>
<tbody>
<tr>
<td>$0</td>
<td></td>
<td></td>
<td>$0</td>
</tr>
</tbody>
</table>

* Requires a separate Cost Share Budget and Cost Share Budget Review (see RFA for details).

**Total Project Budget:** $0
TM-Pilot Review Criteria

- **Innovation:** Is the proposal innovative and novel in developing new technologies/assays/models/animal models?

- **Approach/Scientific Merit:** Will the proposed study design develop a new method or technology?

- **Significance (especially to the CCTSI mission):** Can the new method or technology be generalized and translated to other scientific settings/applications?

- **Investigators:** (NEW Diversity)

- **Environment:** Overall Environment/ Support/ Use of CCTSI and other Cores

- **Educational Mission:** Include student/ postdocs/ how technology will be disseminated (NEW Diversity)

- **Diversity and Health Disparity** are new (non-scoreable) criteria
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

**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.
CU Cancer Center Shared Resources:

- Animal Imaging
- Bioinformatics
- Biostatistics
- Cell Technologies
- Flow Cytometry
- Functional Genomics
- Genomics
- Mass Spectrometry
- Molecular Pathology
- Pharmacology
- Population Health Sciences
- Structural Biology
- Tissue Biobanking & Histology
TM-Pilot Grant Cycle Dates

10/14/2020  Intent to Apply Form (LOI) Deadline

11/04/2020  Application Form Deadline

Jan 2021    Review Panel

Feb 2021    Announce Awards

May 2021    Active Funding Period Begins
Key Dates

Posted Date
Late August, 2020

Intent to Apply Form Due
October 14, 2020, 5:00 pm MST

Informational Calls
September 14, 2:00 - 3:00 pm
Join via Zoom
(345) 248-7799
Meeting ID: 914 1618 4099
October 28, 10:00 am - 11:00 am
Join via Zoom
(345) 248-7799
Meeting ID: 973 6406 5002

Calls may end early if all questions are addressed

Application Due
November 4, 2020, 5:00 pm MST

Selection Notice
February 2021

Start of Award
May 2021

Information & Resources

- 2021 CCTSI TM-Pilot Application Checklist (pdf)
  133 KB
- 2021 CCTSI Pilot Grant Budget Template (xlsx)
  15 KB
- 2021 CCTSI Pilot Grant Budget Template (pdf)
  17 KB
- PI Eligibility by Academic Rank (pdf)
  31 KB

Online Submission Portal
Register your project and submit the Intent to Apply form

- CCTSI Resources
- CU Cancer Center Shared Resources
- CCTSI Research Core Facilities (CTRCs)
- Biostatistical Epidemiology and Research Design (BERD)

Regulatory Documents

Award Cycle

Eligibility and Exclusions/Restrictions

Routing Applications

Budget Information

Application Process

Review Panels/Criteria

Frequently Asked Questions
Questions?

Debra Szuster
CCTSI Pilot Program Coordinator
Debra.Szuster@CUAnschutz.edu
(720) 848-4327

Dr. Natalie Serkova
CCTSI Pilot Director
Natalie.Serkova@CUAnschutz.edu
(303) 724-1084

CCTSI TM-Pilot Program Webpage
https://www.cuanschutz.edu/cctsi/funding/tm