

Colorado State University-CCTSI Partnership

Matt Hickey, Ph.D.
Professor and Associate Dean
for Research, CHHS, CSU
CCTSI – CSU co-lead

Sue VandeWoude, DVM
Dean, CVMBS, CSU
CCTSI – CSU PI and co-lead

cctsi.cuanschutz.edu

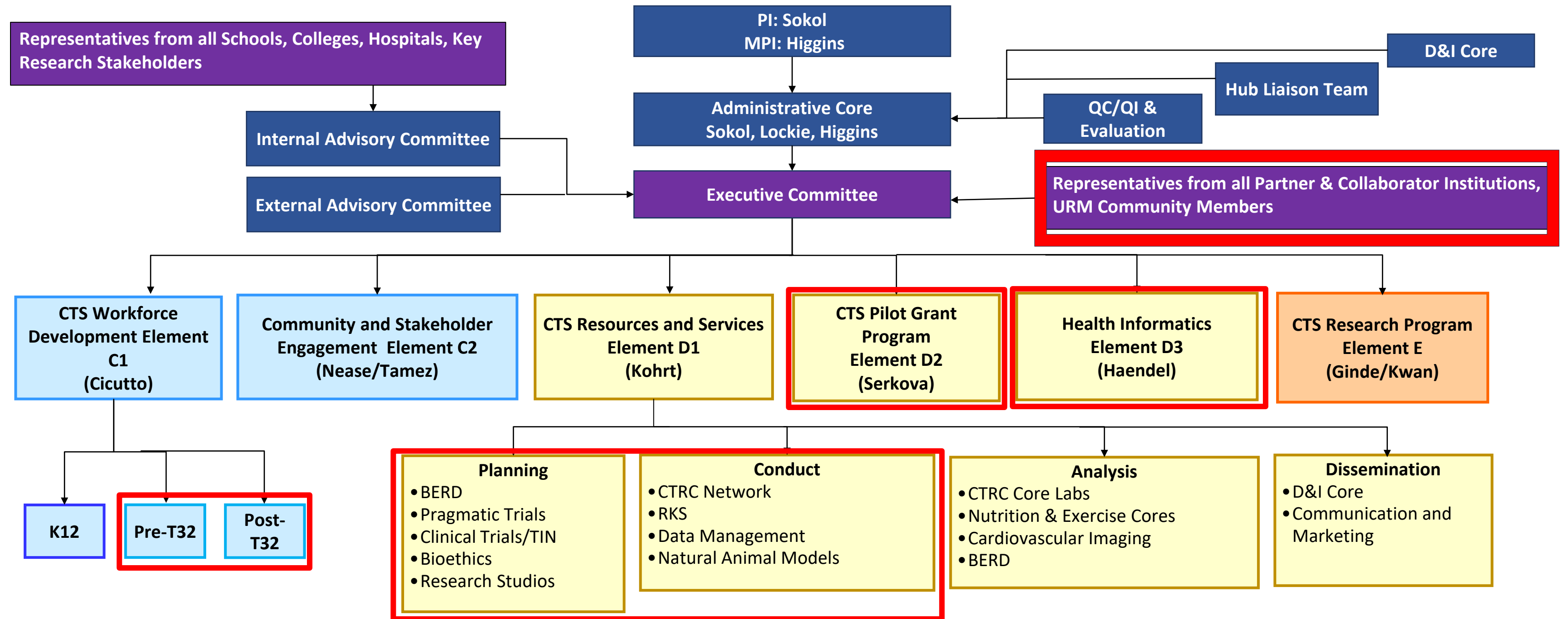


Colorado Clinical and Translational
Sciences Institute (CCTSI)

UNIVERSITY OF COLORADO DENVER | ANSCHUTZ MEDICAL CAMPUS



Integration Across CCTSI



Colorado State University



CSU and the CCTSI

- Land grant institution for Colorado
- Founded 1870
- Top 10 nationally in research funding among public institutions w/out a medical school (NSF)
- \$498M annual research expenditures in FY23
- 8 colleges, 5 with significant CCTSI interactions
 - CVMBS, CHHS, COE, CNS, CLA

681 CCTSI members (40% increase from 2021-23; 201 new members)

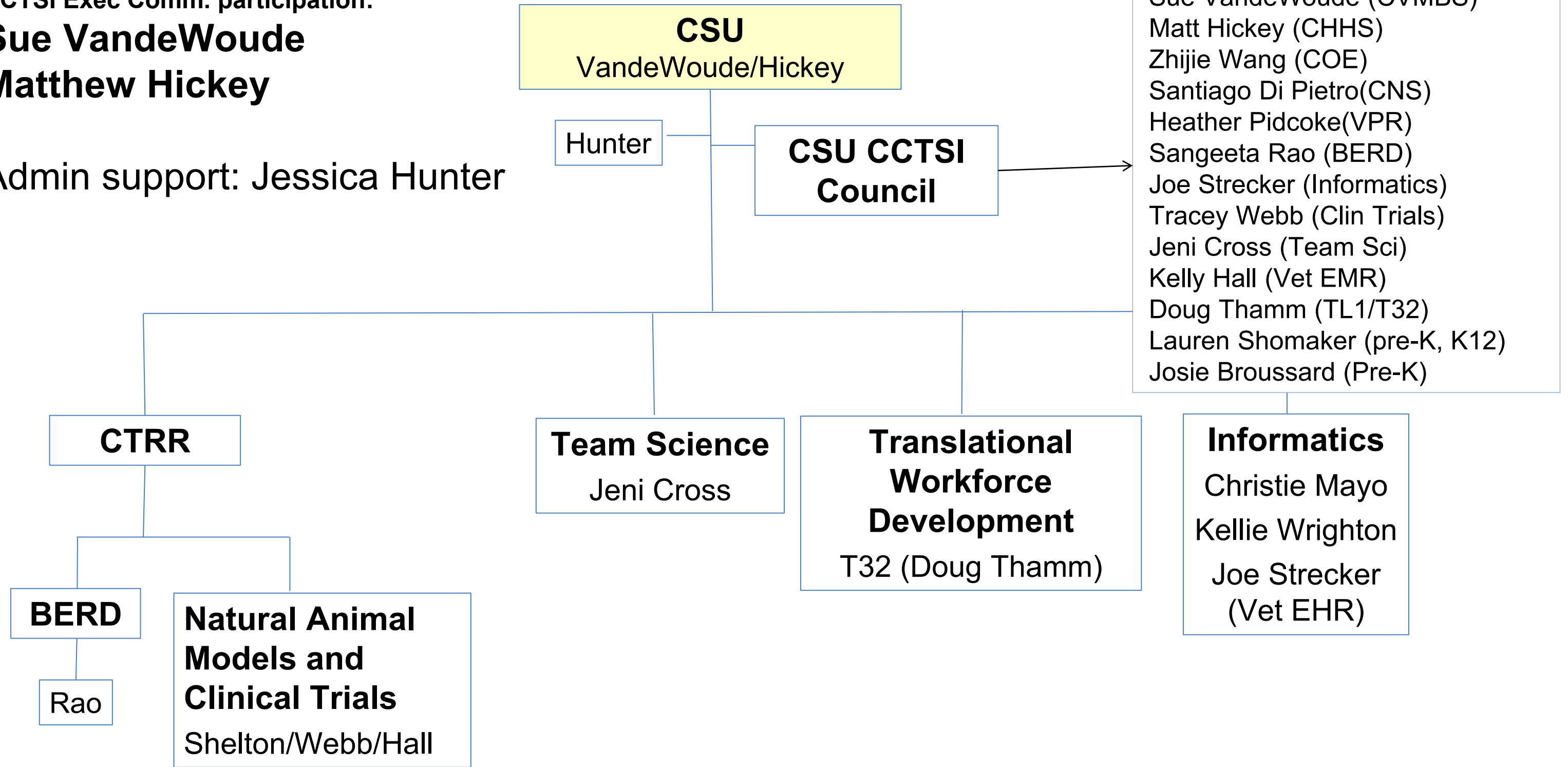




CCTSI Exec Comm. participation:

Sue VandeWoude
Matthew Hickey

Admin support: Jessica Hunter



Governance

LOCAL

- Subaward PI and admin coordinator in CSU OHI
- Approximately monthly meetings of core directors, biostats/ bioinformatics, Associate Deans for Research in participating colleges
- Website <https://www.research.colostate.edu/cctsi/>

PROGRAM

- Executive Committee representation (VandeWoude, Hickey)
- Program implementation (Cross, Shomaker, Thamm)
- CO-Pilot (VandeWoude)
- Bioinformatics/Biostatistics (Mayo, Wrighton)
- Vet EHR (Strecker)



Annual CU-CSU Summit

2013: Introduction to CCTSI

2014: Obesity/ Diabetes (a.m.); Cardiovascular (afternoon)

2015: Community Engagement/ Clinical Trials

2016: Regenerative Medicine/ Stem Cell Biology (a.m.), Precision/ Personalized Medicine (afternoon)

2017: Microbiome

2018: Lifespan Research

2019: AI and Health Care

2020: COVID-19 Response

2021: Evolving Impacts of COVID-19: Research Advances in Colorado and Beyond

2022: Research in Health Equity and Social Determinants (6 speakers from CSU)

2023: Enhancing the Impact of Clinical and Translational Research Through Dissemination and Implementation Science- CSU Spur Campus



2023 CU-CSU CCTSI Summit

Session 1: ***CSU Campus Resources Overview for Communication, Dissemination, Implementation, and Sustainability.***

- Prevention Research Center (David MacPhee, PhD)
- Veterinary School (Naomi Nishi, PhD)

Session Four: ***Leveraging System Capacity for Dissemination and Implementation of Evidence across Sectors***

- CSU Extension systems, partners and resources for disseminating and implementing community-based programs (Sue Schneider, PhD)

Session Five: ***Addressing Misinformation and Disinformation in Science and Health Communication***

- Ashley Anderson, PhD (CSU)
- Aimee Bernard, PhD (AMC)
- Leysia Palen, PhD (CU-Boulder)



CSU-CU Collaborative CO-Pilot Award

- \$30K CSU + \$30K CU match for collaborative projects (non CCTSI dollars)
- Application, review, award parallel to other CO-Pilot awards

20 CO-Pilot projects funded since 2014

- CCTSI members eligible for other award categories



CSU Pilot Award Highlights

Clinical & Translational Science (CTS) Pilot Grant Program 2018-2022
Colorado State University (CSU) Affiliated Awards

27 grants were awarded to 29 CSU-affiliated researchers

Pilot Award Category Affiliation:

CO-Pilot (n=14)	Translational Methods (n=8)	Community Engagement (n=4)	C2R2 (n=1)
52%	30%	15%	4%

10.11



Return on Investment (ROI) across CSU-affiliated grants.

35%



Of grantees published findings from pilot projects in academic journals.

37%

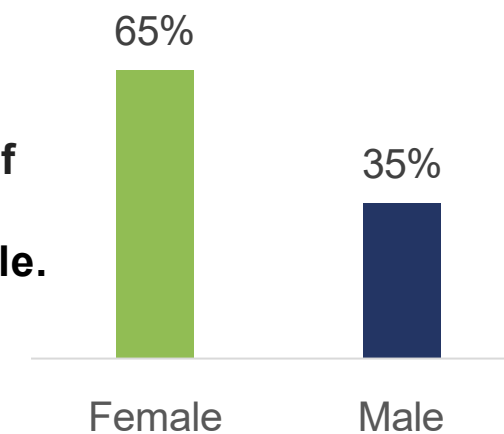


Of pilot projects procured follow-on funding to continue their research.

CCTSI has funded over \$820 thousand in CTS-Pilot grants to CSU-affiliated researchers.

CSU-affiliated grantees received over \$8.2 million in follow-on funding to continue their research.

Nearly two-thirds of CSU-affiliated grantees were female.



3%

Of CSU-affiliated grantees were **underrepresented in biomedical research (UBR)**.



Responses to 2023 EAC feedback

1. We have revised our CSU CCTSI meetings to feature CCTSI programming and opportunities and opened meetings to all CSU CCTSI members
 - Pilot Grant Program Overview
 - Pre-K Program Overview
 - Dissemination and Implementation Core
2. CCTSI leadership held a CSU Town Hall on March 26, 2024 with nearly 60 registered participants
3. We have continued to build CCTSI information and opportunities into new faculty onboarding documents/toolboxes.
4. New ECI Grant Writing Workshop that features CCTSI opportunities.
5. D&I to be featured at CSU Translational Talks Series (April 25th) - ***“Dissemination & Implementation Science as a Driver of Translation”***
 - Bethany Kwan, Director, CCTSI D&I Core
 - Demetria Bolden, Associate Director, CCTSI D&I Core
 - Sue Schneider, Extension Professor & State Health Specialist, Office of Engagement and Extension, CSU
 - Lauren Shomaker, Associate Professor, CSU, Assistant Director, PreK and K12 Programs, CCTSI
6. CSU Extension Office integration
 - Session at 2023 CCTSI Summit
 - Partner in Translational Talks series
 - Primary aim is sustainable collaborations with CCTSI

