



State of
RESEARCH
Address

Thomas Flaig, MD

Vice Chancellor for Research

University of Colorado
Anschutz Medical Campus

December 6, 2022

2022 STATE OF RESEARCH ADDRESS

AGENDA

- Key Research Metrics
- Meet the University Research Team
- Research Spotlights
- Power of Partnerships
- Looking to the Future
- Q&A



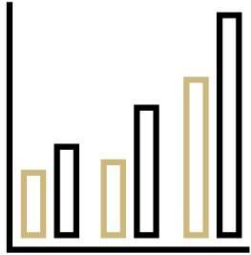
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2022 RESEARCH ENTERPRISE: KEY THEMES



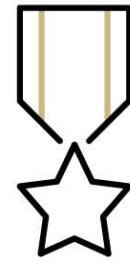
Growth



Collaboration



Innovation



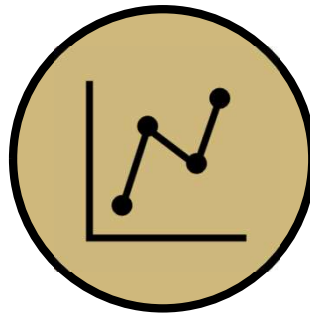
Excellence



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KEY RESEARCH METRICS



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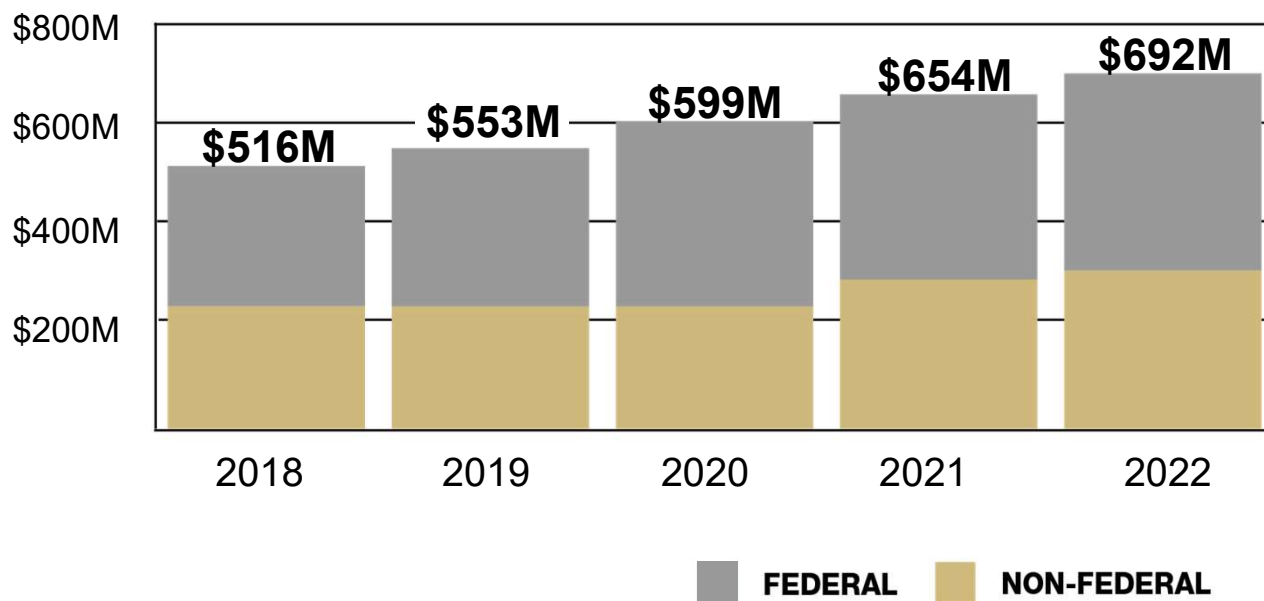
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RESEARCH FUNDING GROWTH

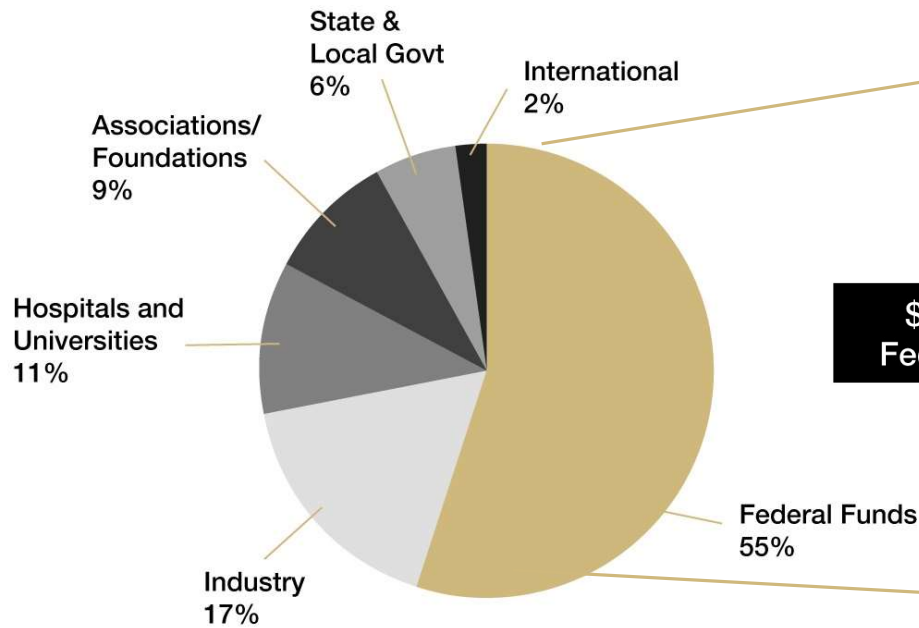


34%
increase



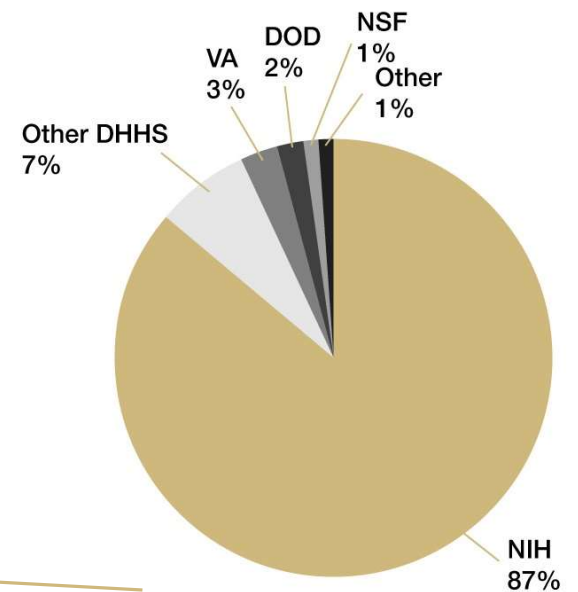
FY22 SPONSORED AWARDS BY TYPE

\$691.6M Total



\$370.6M in Federal Funds

FY22 Federal Fund Breakdown





FY22 RESEARCH HIGHLIGHTS

1.5K+

**Principal
Investigators
on Campus**

3,768

**Open Clinical
Research Studies
in FY22**

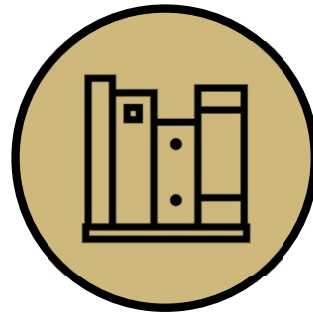
21%

**Growth in
Clinical Research
Studies since FY20**

12K+

**People Enrolled
in Clinical Research
Studies in FY22**





OFFICE OF RESEARCH

*The Backbone of Support for
Scientific Discovery*



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OFFICE OF RESEARCH LEADERSHIP TEAM



Thomas Flaig, MD
Vice Chancellor for Research
CU Anschutz

Terri C. Carrothers
Executive Vice Chancellor for
Administration and Finance | CFO
CU Anschutz



Lori Sussel, PhD
Associate Vice Chancellor

BASIC SCIENCE



Jori Leszczynski, DVM
Assistant Vice Chancellor

**OFFICE OF
LABORATORY
ANIMAL
RESOURCES**



**Ben Echaliier, MS,
MBA, CCRP**
Assistant Vice Chancellor

**CLINICAL
RESEARCH
OPERATIONS**



Ron Sokol, MD
Assistant Vice Chancellor

CCTSI



Alison Lakin, PhD
Associate Vice Chancellor

**REGULATORY
COMPLIANCE**



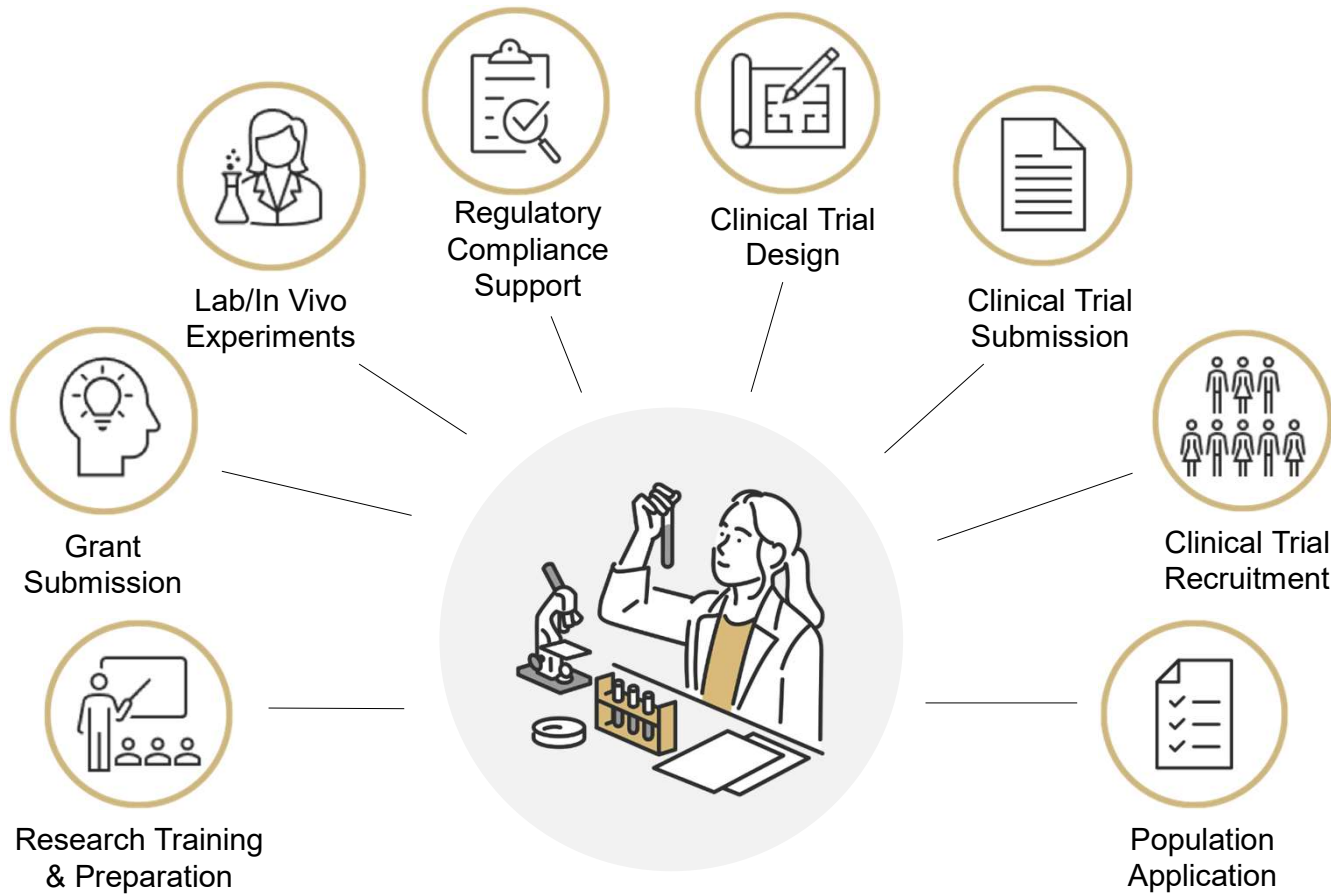
Amy Gannon
Associate Vice Chancellor

**OFFICE OF GRANTS
AND CONTRACTS/
FISCAL COMPLIANCE**



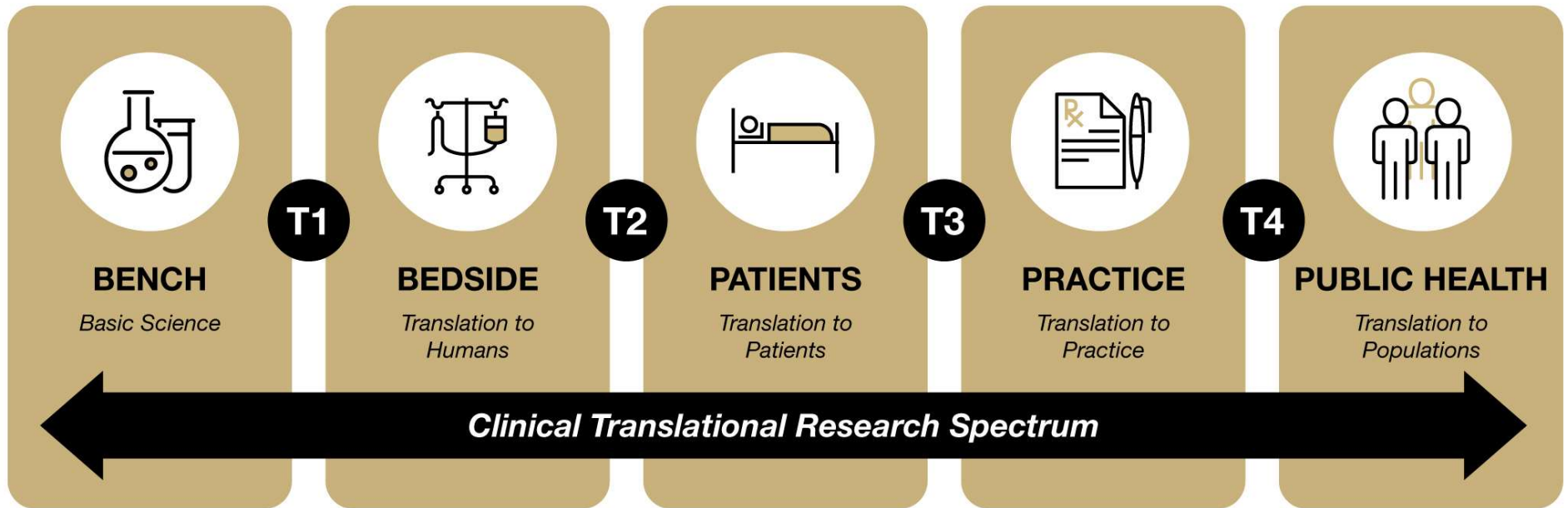


IT TAKES A VILLAGE TO MAKE RESEARCH HAPPEN





BENCH TO BEDSIDE AND BEYOND





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Double-click to go to fullscreen, ctrl+click to snap to video size

Meet the University Research Team

00:00





Office of the Vice Chancellor for Research (OVCR)

MISSION STATEMENT

Our reason to be

Committed to a **diverse, team-based culture**, we engage and collaborate with the research community to provide **expertise, support and guidance** for the advancement of science.

VISION STATEMENT

Where we want to go

Together, we make tomorrow's research happen.





RESEARCH SUPPORT HIGHLIGHTS



5,952
human subject protocols



25,845
help desk tickets



243
investigational drug and
device FDA applications

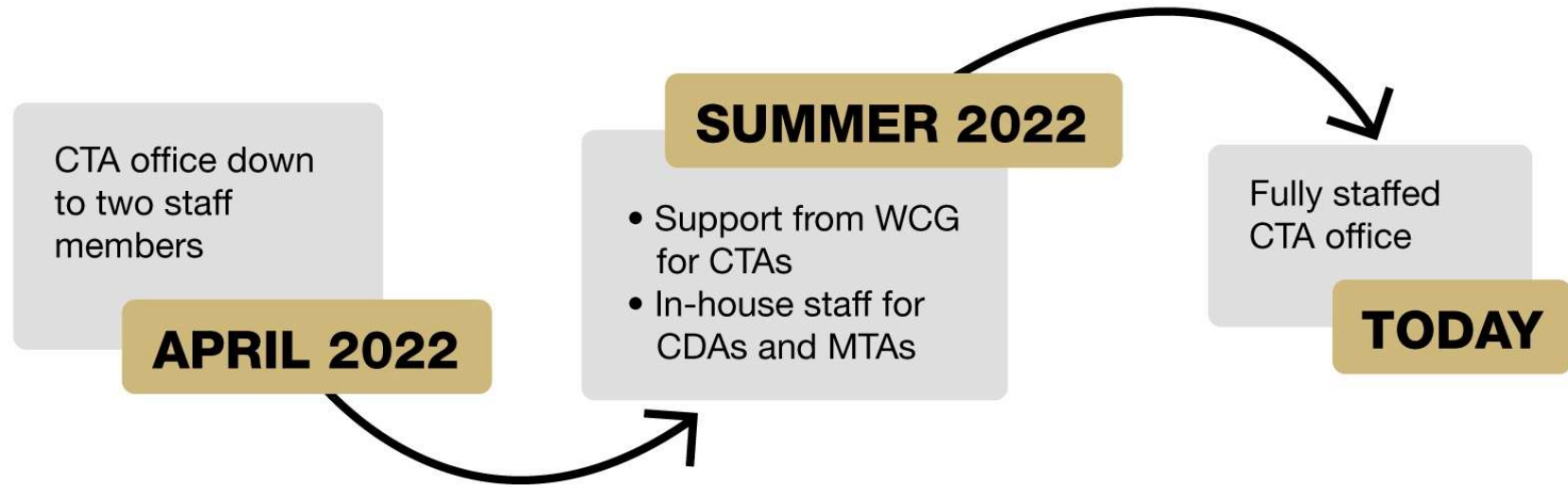


2,447
proposals submitted





CLINICAL TRIAL CONTRACTS & AGREEMENTS



2022 Volume		
Material Transfer Agreements (MTA)	Clinical Trial Agreements (CTA)	Confidentiality Disclosure Agreements (CDA)
352	231	614

CTA Timeline to Negotiation	
2021	2022
60 Working Days	35 Working Days





RESEARCH SUPPORT HIGHLIGHTS

ENVIRONMENTAL HEALTH & SAFETY LAB CLEAN-OUT PROJECT

26 tons of electronic
waste collected

4,000+ items identified
for reuse

3,760 pounds of hazardous
waste and chemicals
safely disposed of

CLINICAL RESEARCH SUPPORT TEAM (CR_eST)

103 studies supported

37 departments
represented

15 team members
(doubled since last year)





OFFICE OF LABORATORY ANIMAL RESOURCES



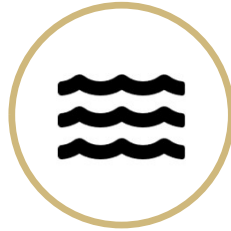
Expanded Capacity

200%+

housing capacity increase
in ABSL2+/ABSL3

450%

test/behavior room
capacity increase



Aquatics Infrastructure

2x

tank capacity

3x

procedure space



Investing in Growth

497

IACUC-approved
research projects

new & enhanced
equipment/technology



Dedicated Team

6

veterinarians

100+

staff members





COLORADO CLINICAL AND TRANSLATIONAL SCIENCES INSTITUTE (CCTSI)

7,000

CCTSI members

\$3M

pilot grants/training awards distributed annually

15:1

for every \$1 invested, teams garnered \$15 in external funding

3x

training and education programs have tripled since 2008



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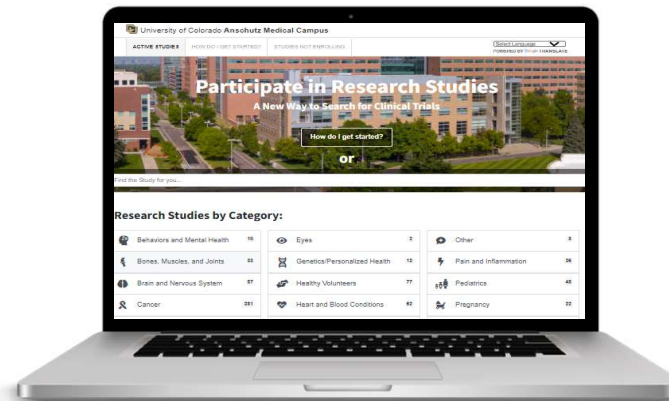
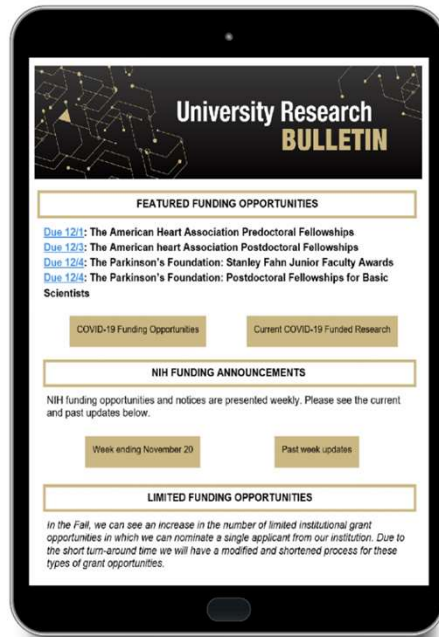
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STAYING CONNECTED: RESEARCH COMMUNICATIONS

Research Bulletin E-news

- Research News, Events, Funding Opportunities
- Bimonthly on Tuesdays
- **14K+** recipients per issue



researchstudies.cuanschutz.edu

Research Studies Website and E-Newsletter

- **19K+** website visitors annually
- **60%** increase in web traffic in FY22
- **13K+** biweekly newsletter recipients





COMMUNICATIONS: SHARING OUR RESEARCH SUCCESSES

CU Anschutz Newsroom



600K+

unique page views in FY22

17K+

subscribers to weekly
CU Anschutz Today

The Conversation



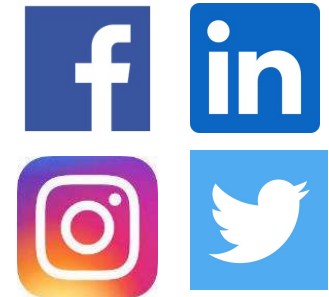
24

Conversation articles
authored by CU Anschutz
faculty in 2022

1.36M

total article reads

Social Media



107K+

followers across CU
Anschutz platforms

16.7M+

annual social post
impressions





A THRIVING RESEARCH COMMUNITY



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UNIVERSITY RESEARCH AWARDS CEREMONY

100+

nominations

14

award recipients

14

departments

4

schools
represented



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AB NEXUS INTERCAMPUS GRANT PROGRAM

2020

AB Nexus launched

\$2.5M

grant funds distributed

37

teams awarded

\$13M

external funds
garnered by awardees



University of Colorado

Anschutz Medical Campus + Boulder



Congrats Fall 2022 Award Winners!



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CU SCHOOL OF MEDICINE RESEARCH



Elena Hsieh, MD

Associate Professor of Immunology,
Microbiology and Pediatrics
Section of Allergy and Immunology



Huntington Potter, PhD

Professor of Neurology
Director, CU Alzheimer's and Cognition Center
Director of Alzheimer's Disease Program at the
Linda Crnic Institute for Down Syndrome





SCHOOL OF PUBLIC HEALTH | COLLEGE OF NURSING



Glen Mays, PhD, MPH
Professor, Chair
Dept. of Health Systems, Management & Policy
Colorado School of Public Health



Mustafa Ozkaynak, PhD
Associate Professor
CU College of Nursing





SCHOOL OF DENTAL MEDICINE | SCHOOL OF PHARMACY



Jeff Stansbury, PhD
Professor and Associate
Dean for Research
CU School of Dental Medicine



Manisha Patel, PhD
Professor and Associate Dean for Research
and Graduate Studies
CU Skaggs School of Pharmacy





RESEARCH DEVELOPMENT RESOURCES

- Diversifying our funding portfolio
 - *Assessing external research trends/opportunities*
 - *CDMRP webinars: 12/7 and 1/10*
 - *Research education*

Limited Funding Opportunities in 2022

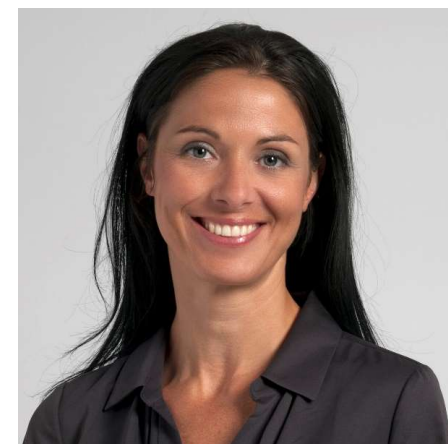
151 featured opportunities

65 institution submissions

CU ASPIRE Grant Program

up to **\$100K** Awarded to teams annually

3 to 5 Investigators per team



Laura Buccini, DrPH, MPH
Senior Director
Research Development
Office of the Vice Chancellor
for Research

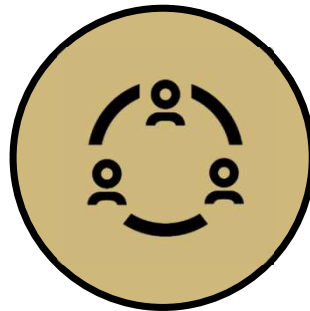




OTHER RESEARCH HIGHLIGHTS

- New Initiatives
 - Gates Institute
 - Department of Biomedical Informatics
- Center for Combat Medicine and Battlefield Research
- Transforming Healthcare Event
 - RNA Bioscience Initiative
 - Dept of Psychiatry: Mental Health Innovations





THE POWER OF PARTNERSHIPS



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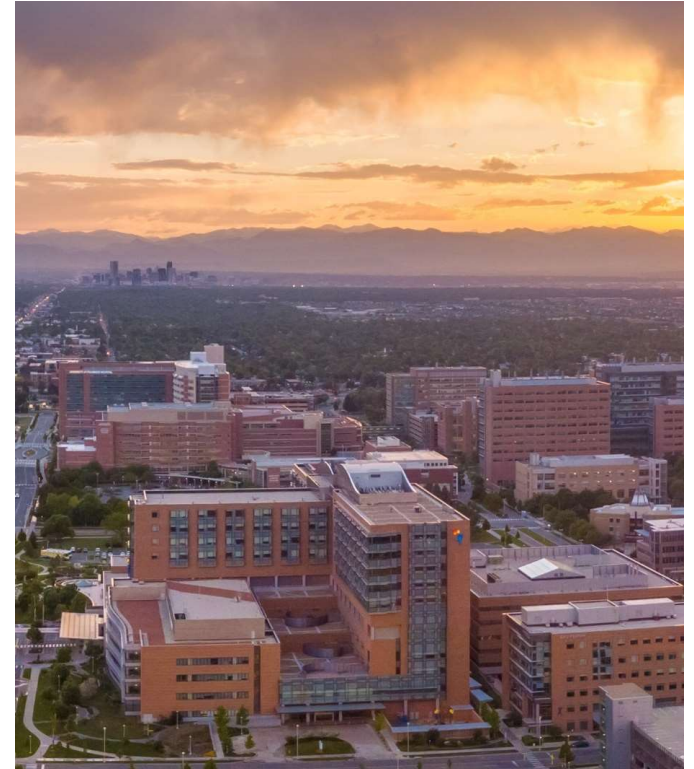
HOSPITAL PARTNERS



RECRUIT collaboration helps connect patients with research teams



Ron Sokol, MD, named new Chief Scientific Officer, Child Health





RESEARCH INFORMATICS OFFICE



Coordinating campus response to new policy for NIH Data Management and Sharing Plan

Townhall Info Session on 12/13 @ 10am

Supporting best practices in sharing data for commercial & consortial partnerships



Health Data Compass and Data Engineering





ACCORDS ANNUAL HIGHLIGHTS

A centralized resource for T3-T4 research at CU Anschutz

350 1:1 research consultations

\$35M+ new grant awards in FY22

1K+ attendees at educational seminars and workshops



Brooke Dorsey Holliman, PhD
Director of ACCORDS Qualitative & Mixed Methods Research Core
Associate Professor, CU School of Medicine



ACCORDS

ADULT AND CHILD CENTER FOR OUTCOMES RESEARCH AND DELIVERY SCIENCE



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ADDRESSING AGE DIVERSITY IN RESEARCH

Older Adult Research Specialists (OARS) help CU Anschutz to recruit 50+-year-old peers to participate in clinical trials.

18

OARS program graduates to date

69

average age of OARS graduate



Age-friendly
University
Global Network



Kathryn (Kady) Nearing, PhD

Assistant Professor,
Division of Geriatric Medicine
CU School of Medicine



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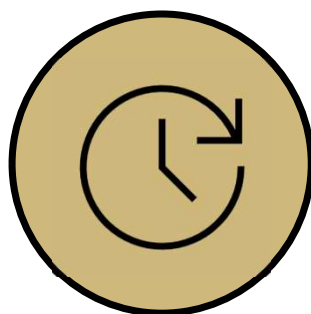
CU INNOVATIONS



CU Anschutz ranked among **top 15** research institutions nationwide for driving technology transfer and innovation*

**Heartland Forward institute 2022 report*





LOOKING TO THE FUTURE



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WHAT'S NEXT FOR OVCR

- Identify and address research needs
 - OLAR
 - CReST/IND support
- Act on our University Research mission/vision
 - Continued engagement with the University Research team
- Research development
 - Identify and prepare for new opportunities
- Evolve COVID research committees
- Communications
 - Internal – new newsletter
 - External – The Conversation, media outreach





The State of Research at CU Anschutz

CU Anschutz Medical Campus



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University of Colorado Anschutz Medical Campus

00:01

THANK YOU





Q&A WITH THE OVCR LEADERSHIP TEAM