



# 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



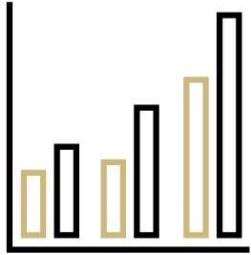
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# 2022 RESEARCH ENTERPRISE: KEY THEMES



**Growth**



**Collaboration**



**Innovation**



**Excellence**

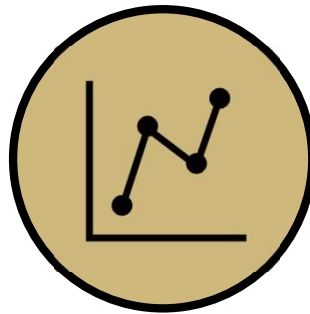


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# KEY RESEARCH METRICS



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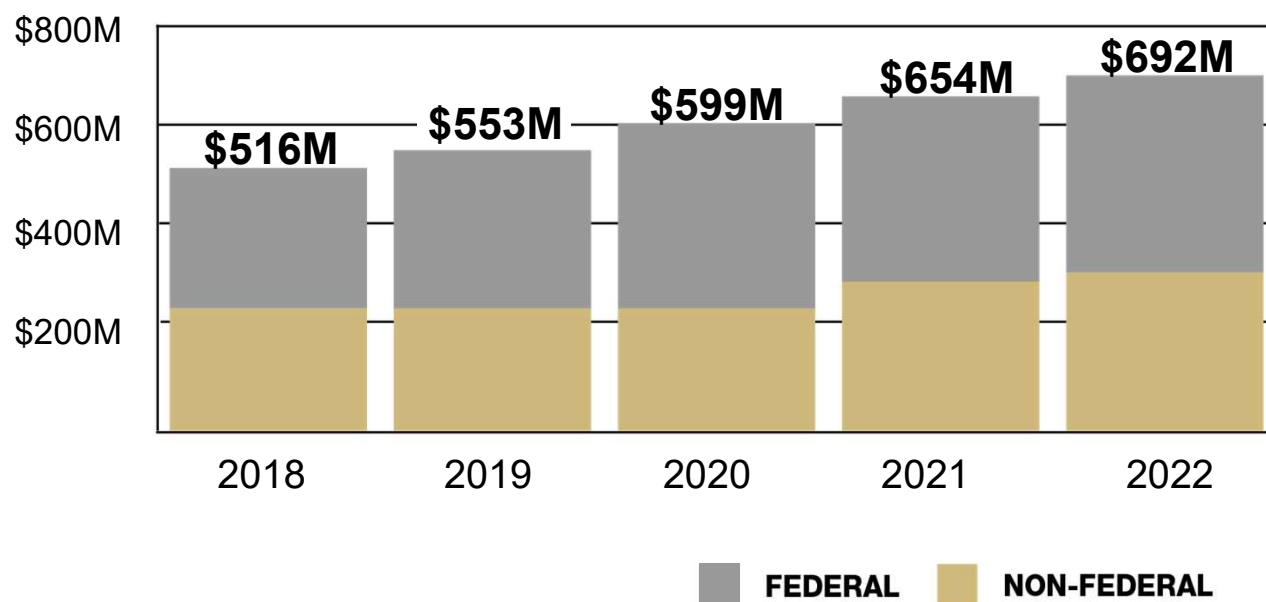
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# RESEARCH FUNDING GROWTH



**34%  
increase**



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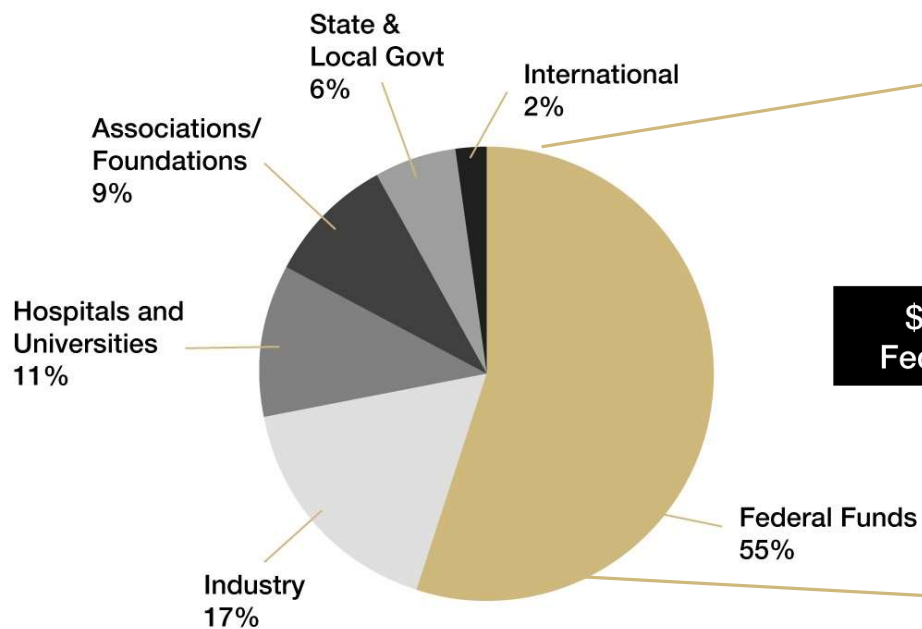


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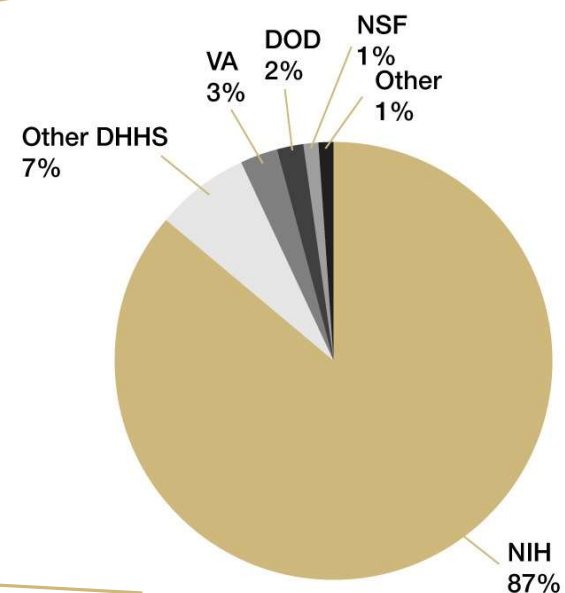
# FY22 SPONSORED AWARDS BY TYPE

**\$691.6M Total**



**\$370.6M in  
Federal Funds**

**FY22 Federal Fund  
Breakdown**



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## 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**

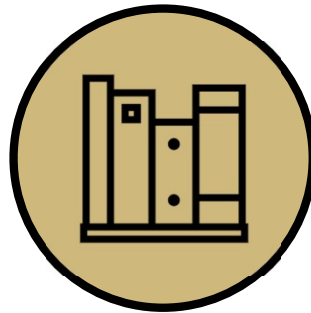


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# OFFICE OF RESEARCH

*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**



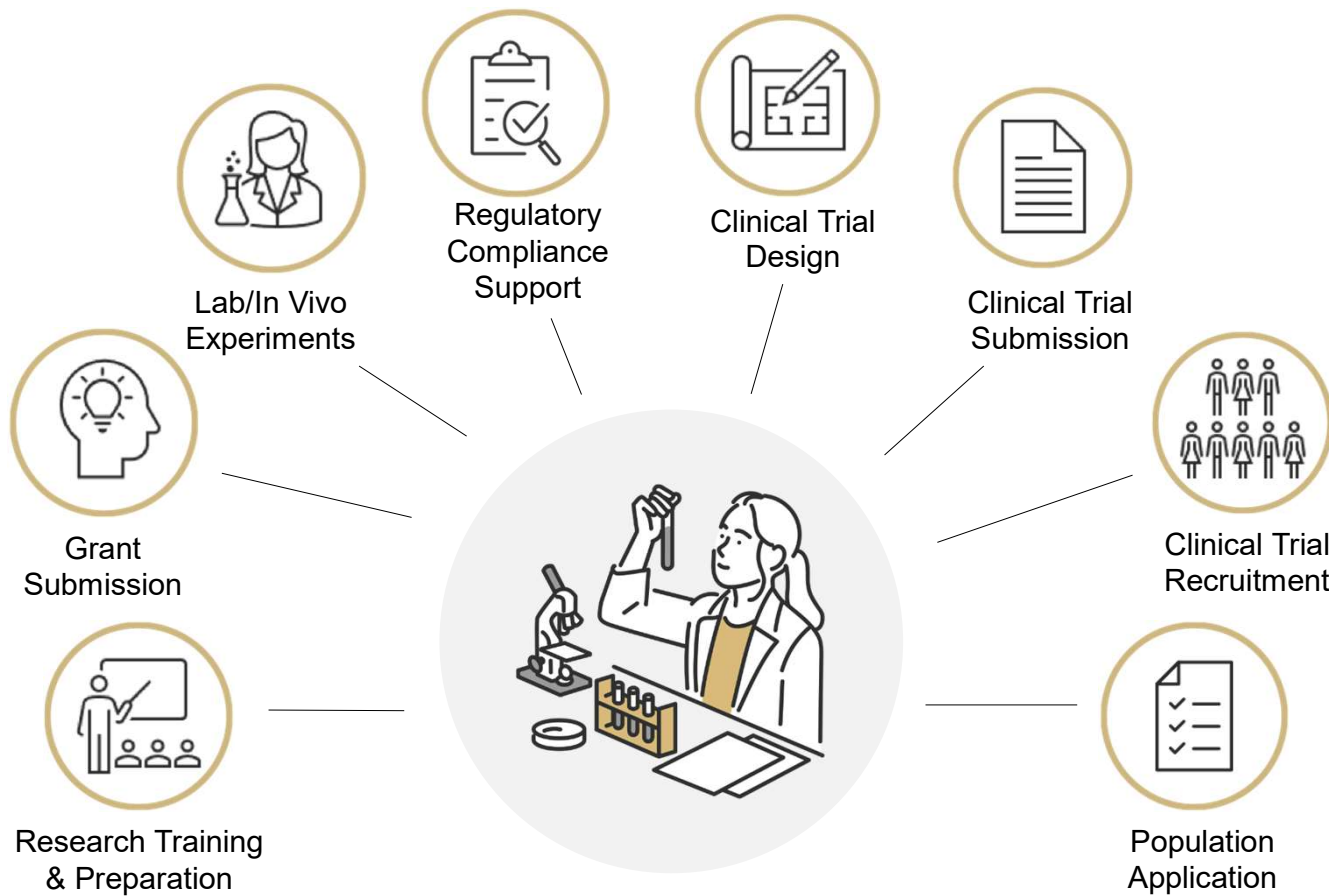
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# IT TAKES A VILLAGE TO MAKE RESEARCH HAPPEN



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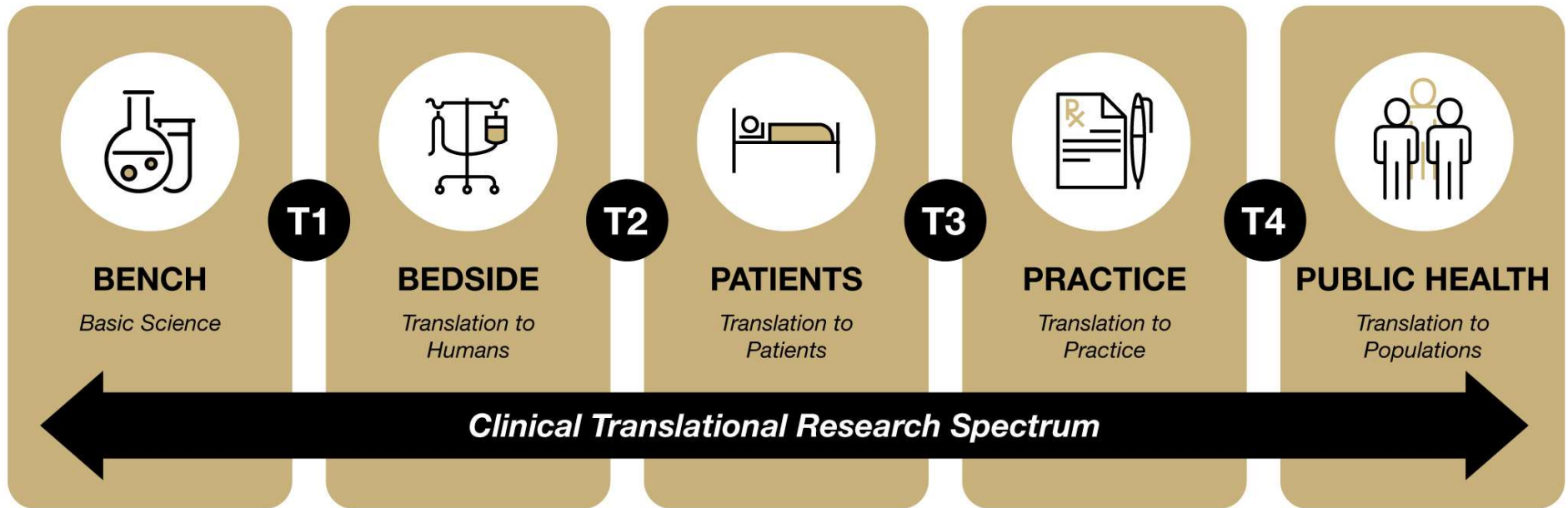
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# BENCH TO BEDSIDE AND BEYOND



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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.



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## RESEARCH SUPPORT HIGHLIGHTS



**5,952**

human subject protocols



**25,845**

help desk tickets



**243**

investigational drug and  
device FDA applications



**2,447**

proposals submitted



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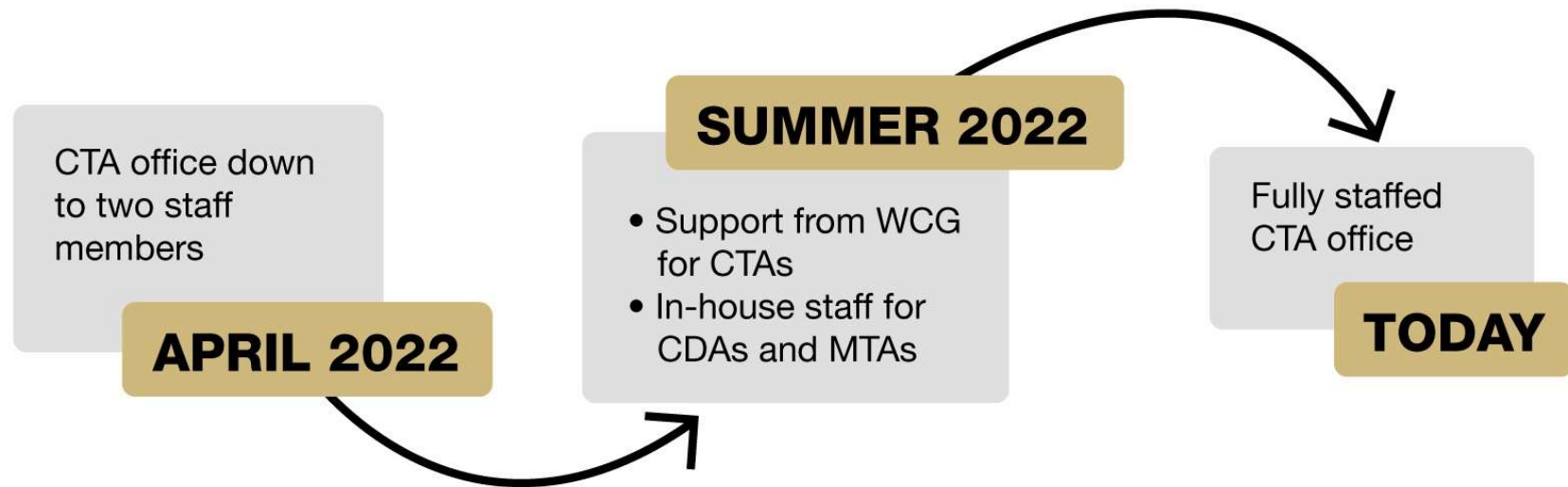
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# CLINICAL TRIAL CONTRACTS & AGREEMENTS



## 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 (CReST)

**103** studies supported

**37** departments  
represented

**15** team members  
*(doubled since last year)*







# OFFICE OF LABORATORY ANIMAL RESOURCES



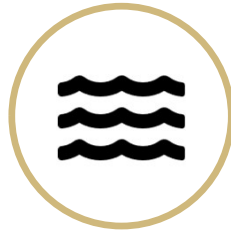
## Expanded Capacity

**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



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# 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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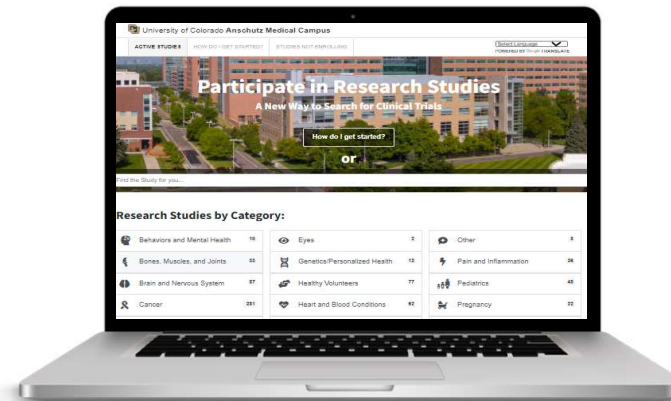
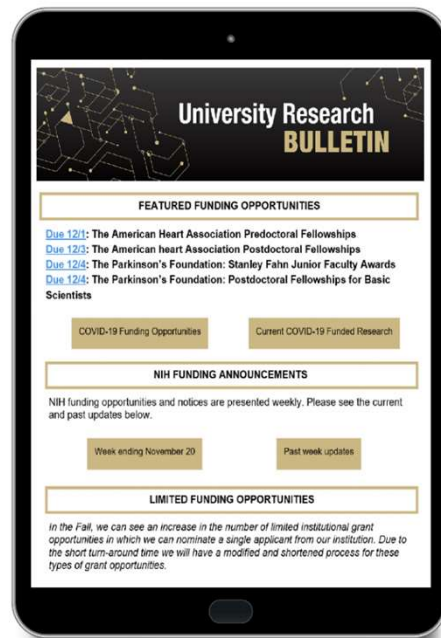
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# STAYING CONNECTED: RESEARCH COMMUNICATIONS

## Research Bulletin E-news

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



[researchstudies.cuanschutz.edu](https://researchstudies.cuanschutz.edu)

## Research Studies Website and E-Newsletter

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



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# COMMUNICATIONS: SHARING OUR RESEARCH SUCCESSES

## CU Anschutz Newsroom



**600K+**

unique page views in FY22

**17K+**

subscribers to weekly  
*CU Anschutz Today*

## The Conversation



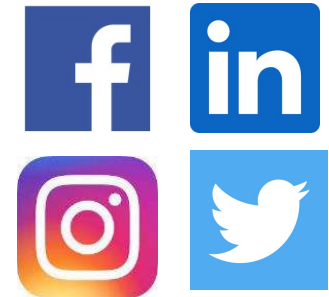
**24**

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



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# 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



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# 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*



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# 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*



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# 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



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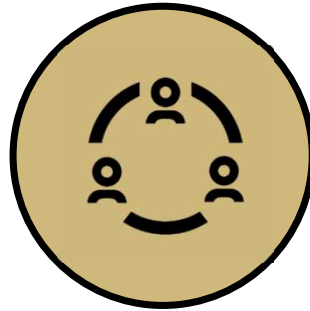
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## OTHER RESEARCH HIGHLIGHTS

- 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

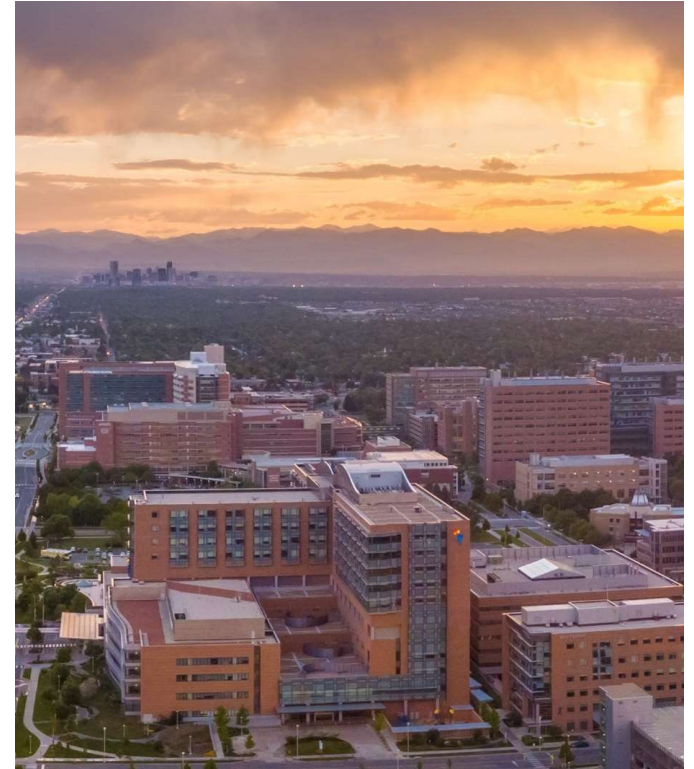


RECRUIT collaboration  
helps connect patients  
with research teams



Children's Hospital Colorado

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



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# 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



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# 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



**ACCORDS**

ADULT AND CHILD CENTER FOR OUTCOMES  
RESEARCH AND DELIVERY SCIENCE



**Brooke Dorsey Holliman, PhD**

Director of ACCORDS Qualitative &  
Mixed Methods Research Core  
*Associate Professor, CU School of Medicine*



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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\*

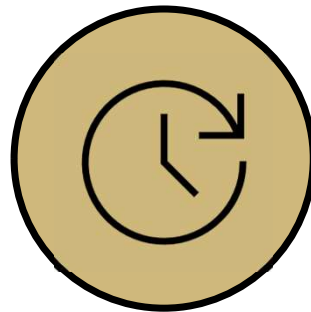
*\*Heartland Forward institute 2022 report*



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# 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





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THANK YOU







## **Q&A WITH THE OVCR LEADERSHIP TEAM**