AGENDA

• Key Research Metrics
• Meet the University Research Team
• Research Spotlights
• Power of Partnerships
• Looking to the Future
• Q&A
2022 RESEARCH ENTERPRISE: KEY THEMES

Growth
Collaboration
Innovation
Excellence
KEY RESEARCH METRICS
RESEARCH FUNDING GROWTH

34% increase


$800M
$600M
$400M
$200M

FEDERAL
NON-FEDERAL
FY22 SPONSORED AWARDS BY TYPE

$691.6M Total

- Hospitals and Universities: 11%
- Industry: 17%
- Associations/Foundations: 9%
- State & Local Govt: 6%
- International: 2%

$370.6M in Federal Funds

- NIH: 87%
- Other DHHS: 7%
- Other: 1%
- NSF: 1%
- DOD: 2%
- VA: 3%

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
IT TAKES A VILLAGE TO MAKE RESEARCH HAPPEN

- Lab/In Vivo Experiments
- Regulatory Compliance Support
- Clinical Trial Design
- Clinical Trial Submission
- Clinical Trial Recruitment
- Population Application
- Research Training & Preparation
- Grant Submission
BENCH TO BEDSIDE AND BEYOND

T1
BENCH
Basic Science

T2
BEDSIDE
Translation to Humans

T3
PATIENTS
Translation to Patients

T4
PRACTICE
Translation to Practice

PUBLIC HEALTH
Translation to Populations

Clinical Translational Research Spectrum
Meet the University Research Team
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

CTA office down to two staff members

APRIL 2022

SUMMER 2022

- Support from WCG for CTAs
- In-house staff for CDAs and MTAs

FULLY STAFFED CTA OFFICE

TODAY

<table>
<thead>
<tr>
<th>2022 Volume</th>
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<tbody>
<tr>
<td>Material Transfer Agreements (MTA)</td>
<td>352</td>
<td></td>
</tr>
<tr>
<td>Clinical Trial Agreements (CTA)</td>
<td>231</td>
<td></td>
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<tr>
<td>Confidentiality Disclosure Agreements (CDA)</td>
<td>614</td>
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<tr>
<th>CTA Timeline to Negotiation</th>
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<tr>
<td>2021 Working Days</td>
<td>60</td>
</tr>
<tr>
<td>2022 Working Days</td>
<td>35</td>
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### RESEARCH SUPPORT HIGHLIGHTS

<table>
<thead>
<tr>
<th>ENVIRONMENTAL HEALTH &amp; SAFETY LAB CLEAN-OUT PROJECT</th>
<th>CLINICAL RESEARCH SUPPORT TEAM (CReST)</th>
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<tbody>
<tr>
<td>26 tons of electronic waste collected</td>
<td>103 studies supported</td>
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<tr>
<td>4,000+ items identified for reuse</td>
<td>37 departments represented</td>
</tr>
<tr>
<td>3,760 pounds of hazardous waste and chemicals safely disposed of</td>
<td>15 team members <em>(doubled since last year)</em></td>
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</table>
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
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
Research Bulletin E-news

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

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
100+ nominations
14 award recipients
14 departments
4 schools represented
AB Nexus Intercampus Grant Program

2020
AB Nexus launched

$2.5M
grant funds distributed

37
teams awarded

$13M
external funds garnered by awardees

Congrats Fall 2022 Award Winners!
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
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
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
• 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
• 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
RECRUIT collaboration helps connect patients with research teams

Ron Sokol, MD, named new Chief Scientific Officer, Child Health
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<tr>
<th>Research Informatics Office</th>
<th>Coordinating campus response to new policy for NIH Data Management and Sharing Plan</th>
<th>Supporting best practices in sharing data for commercial &amp; consortial partnerships</th>
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</thead>
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<tr>
<td>Townhall Info Session on 12/13 @ 10am</td>
<td>Supporting best practices in sharing data for commercial &amp; consortial partnerships</td>
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**ORCID**
stands for Open Researcher and Contributor ID

**Health Data Compass and Data Engineering**
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
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

Kathryn (Kady) Nearing, PhD
Assistant Professor, Division of Geriatric Medicine
CU School of Medicine

Age-friendly University Global Network
CU Anschutz ranked among **top 15** research institutions nationwide for driving technology transfer and innovation*

*Heartland Forward institute 2022 report
LOOKING TO THE FUTURE
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
THANK YOU