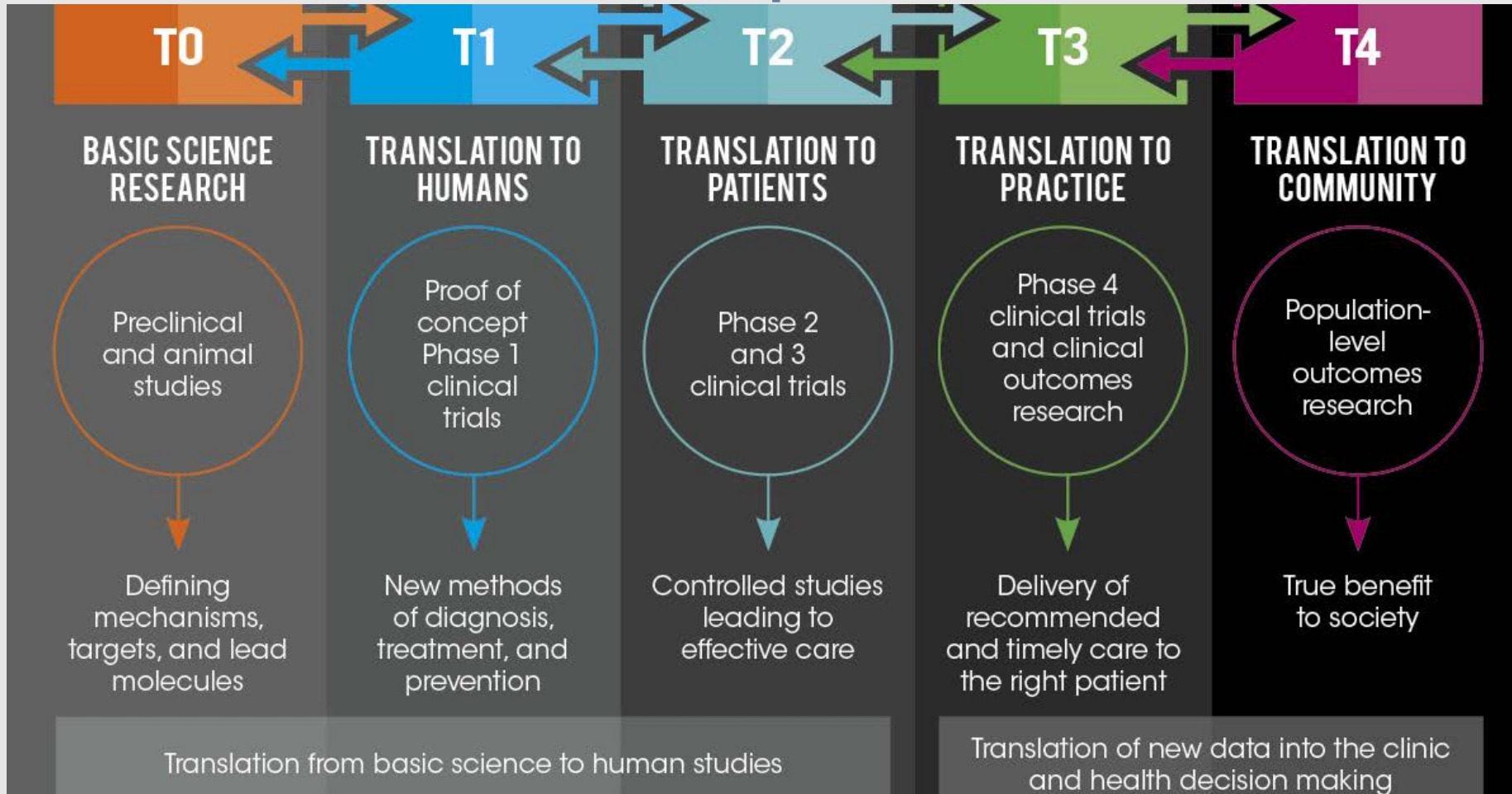


One California: System-ness Across UC Health

*Carrie L. Byington, MD
(incoming 10/31/19)
Executive Vice President UC Health*

The Translational Spectrum



Courtesy of University of Arkansas TRI

CELEBRATING EXCEPTIONAL RESEARCH GROWTH



CONGRATULATIONS FOR REACHING \$500 MILLION IN RESEARCH FUNDING



Clinical Trials Support
Foundation for Discovery



Population Health
Foundation for Discovery



Precision Medicine
Foundation for Discovery



Workforce Development
Foundation for Discovery

TRIAL INNOVATION NETWORK



CTSA Clinical & Translational[®]
Science Awards

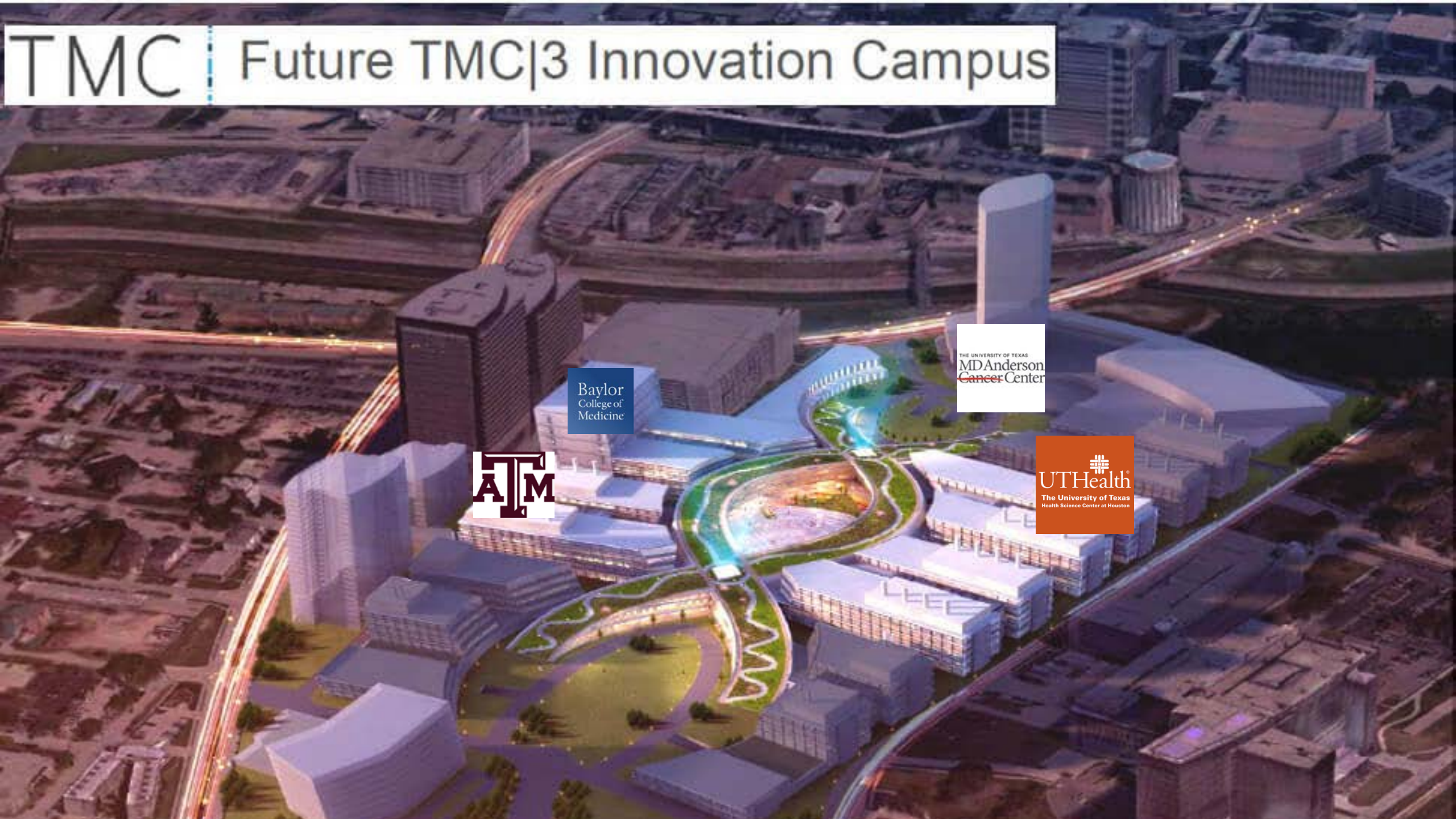
BRAID Advances



Clinical Trials Support

- Contracting
- Cohort Finding
- Participant Recruitment
- IRB

TMC | Future TMC|3 Innovation Campus



Baylor
College of
Medicine



THE UNIVERSITY OF TEXAS
MDAnderson
Cancer Center

UTHealth
The University of Texas
Health Science Center at Houston

First patient enrolls in South Texas clinical study

📅 August 16, 2019

- 📌 About Us
- Front Page
- Healthcare Professionals
- Patients & Families
- Physician Recognition
- Uncategorized



A study opened by Texas A&M and Driscoll Children's Hospital's Global Institute for Hispanic Health fills gap in Hispanic participation in clinical research

Texas A&M Health Science Center and Driscoll Children's Hospital have joined forces through the Global Institute for Hispanic Health (GIHH) to take part in a National Institutes of Health-sponsored observational study, "Chronic Kidney Disease in Children (CKiD)."



The NEW ENGLAND JOURNAL of MEDICINE

EDITORIAL



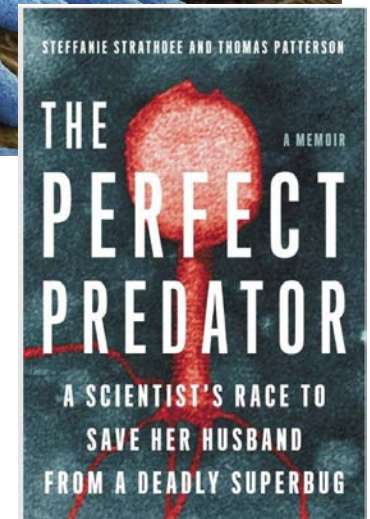
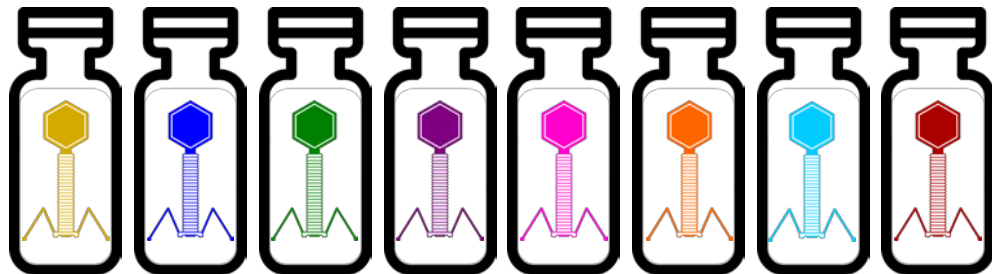
Drug Regulation in the Era of Individualized Therapies

Janet Woodcock, M.D., and Peter Marks, M.D., Ph.D.

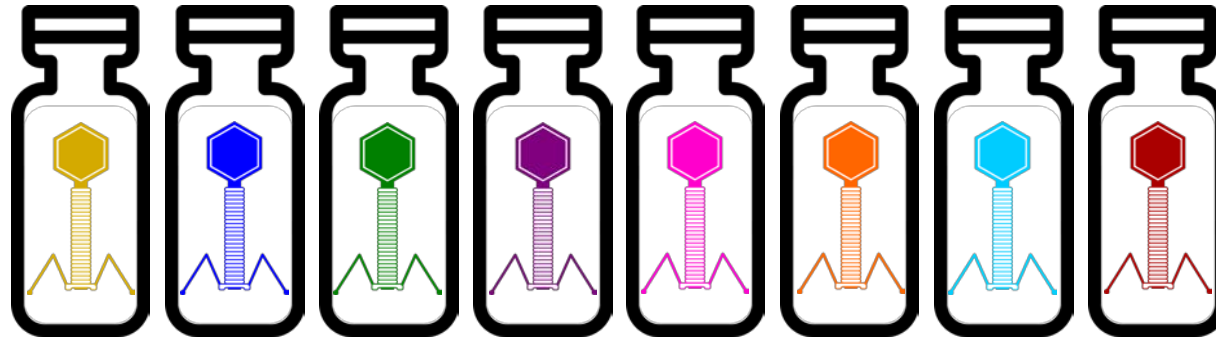
October 9, 2019

Phage Therapy 2.0: Personalized medicine for antibiotic-resistant infections

- Requires new phage paradigm:
 - Large pre-characterized **libraries**
 - Rapid small-scale production and purification
 - *Reducing time could save lives!*



Personalized medicine from concept to standard of care



A national opportunity for personalized clinical trials

CTSA Clinical & Translational[®] Science Awards

The Clinical and Translational Science Awards (CTSA) is a registered trademark of DHHS.



Just in Time (JIT) Personalized Clinical Trials

BRAID as a model

Utilize the **CTSA consortium** to **identify eligible patients**

Register the study in CTSA Clinical Trials Innovation Center

- Receive trial consultation and support

Work with CTSA Streamlined Multisite Accelerated Resources for Trials (**SMART**) IRB platform and with FDA

- **554** participating health care organizations treating **millions of patients annually**



Precision Medicine

UNIVERSITY OF CALIFORNIA Cancer Consortium

Home Clinical Trials News Projects Locations Contacts

The UC Cancer Consortium

Five of the nation's leading comprehensive cancer centers, have joined forces to form the University of California Cancer Consortium, part of UC Health. Each comprehensive cancer center treats all types of cancers in adults and children.

UC Davis Comprehensive Cancer Center
UC San Francisco Helen Diller Family Comprehensive Cancer Center
UCLA Jonsson Comprehensive Cancer Center
UCI Health Chao Family Comprehensive Cancer Center
UC San Diego Moores Cancer Center

Individually, these comprehensive cancer centers are hubs of expertise and innovation, advancing the development of technology, protocols, and medicines that will become available to practitioners and patients around the world.

UC MEDICAL CENTERS

- UC Davis
- UC San Francisco
- UCLA
- UC Irvine
- UC San Diego

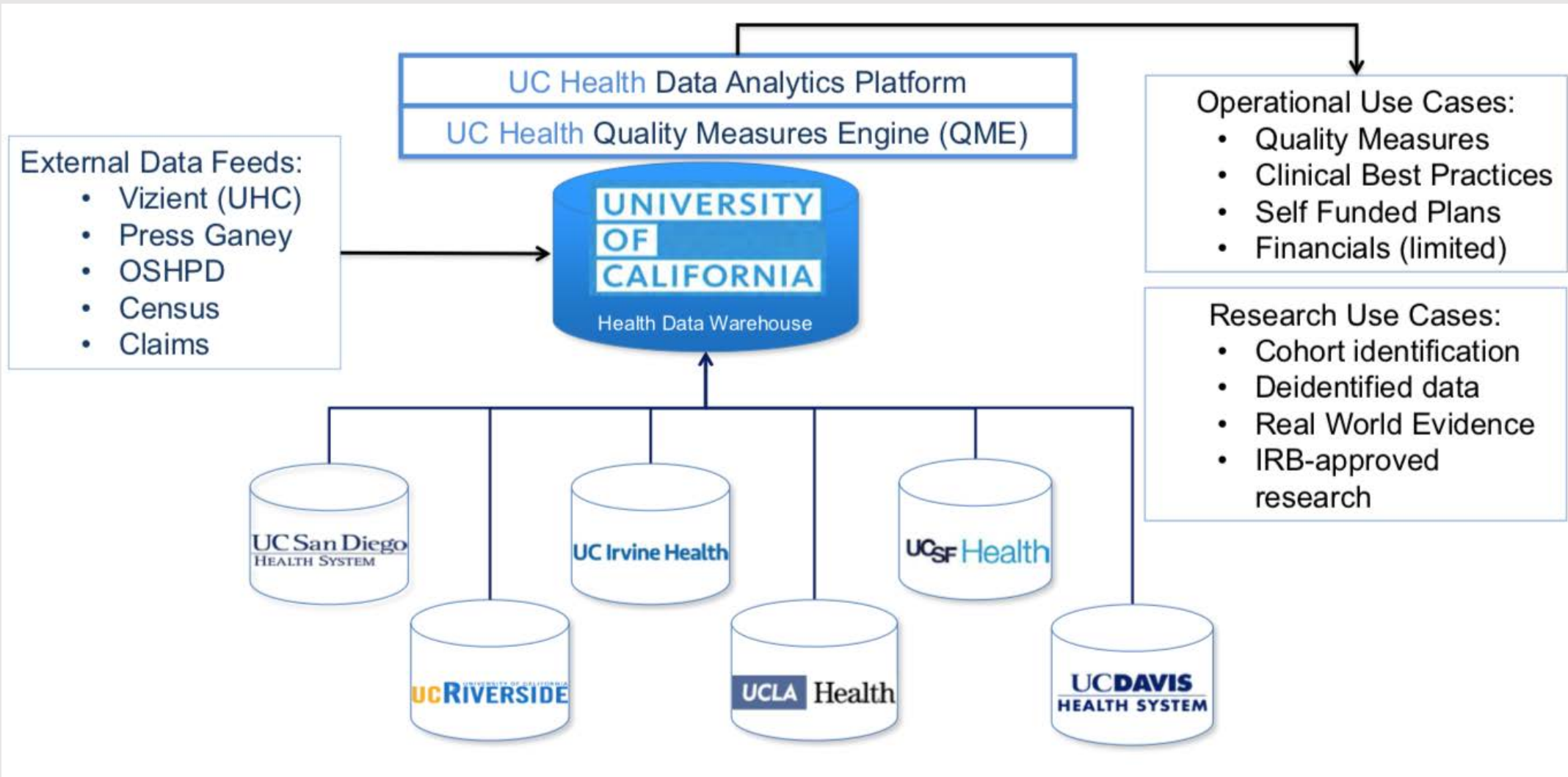
- Biobanking
- Genomics
- Metagenomics
- Big Data

BRAID Opportunities



Population Health

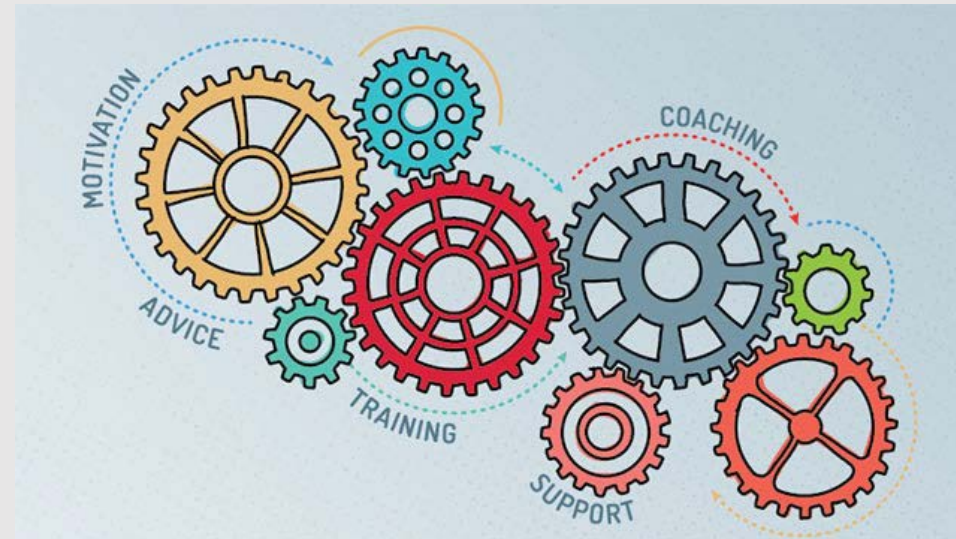
- Cohort Finding
- Community Engagement
 - Social Determinants of Health
 - Adverse Childhood Events
- Participant Recruitment





Workforce Development

- Extending Capacity
- Developing Specific Skills
- Supporting Diverse Communities





ON THE CLINICAL FRONT LINES



AAMC Association of
American Medical Colleges

**AAMC Building Bridges and Spanning
Boundaries Award: Innovations in Research
and Research Education--2014**



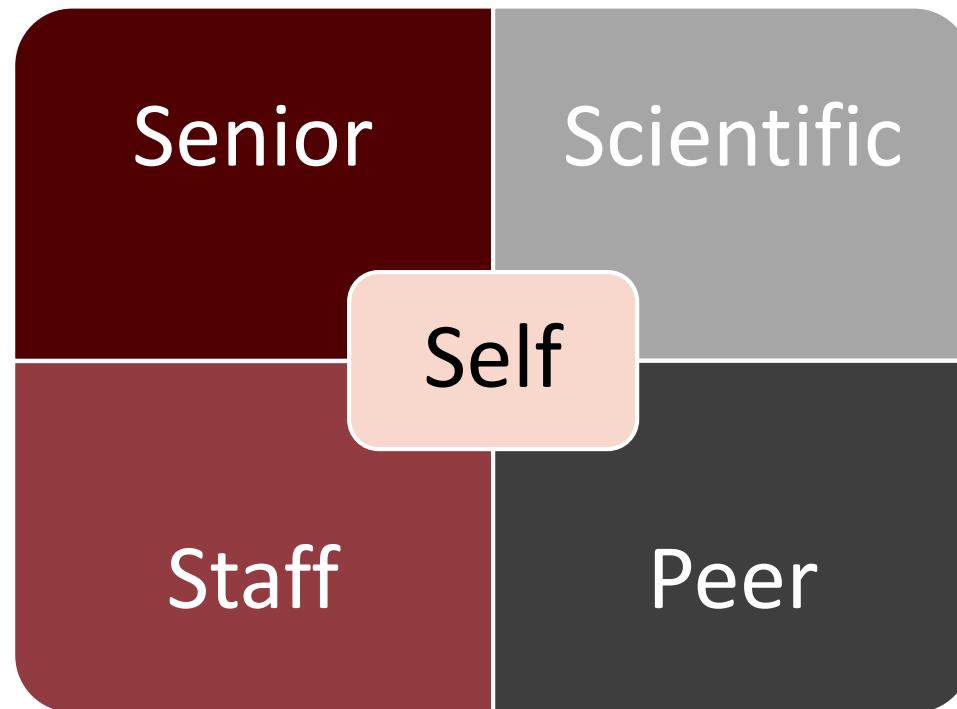
UNIVERSITY OF UTAH
HEALTH CARE

Department of Pediatrics



128 Graduates
109 with BS
25 in Graduate Programs
24 in Medical School
33 Employed in Biomedical Research

Matrix Mentoring Model



VPCAT SCHOLARS RESEARCH FUNDING TOPS \$110 MILLION



Contributing to the overall success of the University's mission, alumni and current VPCAT scholars have surpassed **\$110 million in research funding**.

HISTORY

VPCAT is a holistic, 2-year competitive mentoring program supporting *early career faculty* engaged in clinical & translational research in their transition to independence.

- FY2008** – Program started as PCAT to support women & child health faculty
128 graduates
- 58%** women and URM
- Mid-FY2013** – Transitioned to VPCAT with inclusion of U of U Health faculty
98% graduates remain in academic medicine
- Mid-FY2016** – Inclusion of additional University and CCTS partner institutions' research faculty
84% graduates remain at the U of U
- 8** schools, colleges, and institutions (UofU, IHG, & UDOH)

AAMC Building Bridges and Spanning Boundaries Award: Innovations in Research and Research Education--2019



