

JULY 2022



The University of Texas at Austin
Dell Medical School

PROGRESS & IMPACT

ALIGNED WITH THE UT AUSTIN / CENTRAL HEALTH AFFILIATION AGREEMENT



A VISION FOR BETTER HEALTH FOR ALL

Austin American-Statesman
SERVING OUR COMMUNITY SINCE 1871

LOCAL

Travis County voters approve health care property tax increase

Mary Ann Roser

Published 11:01 p.m. CT

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FAST COMPANY

10-01-15 | MOST CREATIVE PEOPLE

Reinventing Medical School

The new med school at the University of Texas takes a totally new approach to training doctors—and could turn health care upside down.



HealthAffairs

LEADING TO HEALTH HEALTH PROFESSIONS EDUCATION

[HEALTH AFFAIRS > VOL. 37, NO. 11](#): PATIENT SAFETY

LEADING TO HEALTH

A Medical School For The Community

Jessica Bylander

[AFFILIATIONS](#) ▾



Alcalde
THE OFFICIAL PUBLICATION OF THE TEXAS EXES

How Dell Med School Hopes to Transform Health Care

BY [ANDREW ROUSH](#) IN [FEATURES, SEPT | OCT 2017, SPECIAL](#) ON SEPTEMBER 1, 2017 AT 9:24 AM | 1



PROGRESS BUILT ON PARTNERSHIP



THE UNIVERSITY of TEXAS SYSTEM
FOURTEEN INSTITUTIONS. UNLIMITED POSSIBILITIES.

VA



U.S. Department
of Veterans Affairs

... & MANY MORE

AFFILIATION AGREEMENT



CENTRAL HEALTH



Community
Care
Collaborative

A Central Health and Seton partnership



TEXAS

The University of Texas at Austin

July 2014

signed

25 years

term



AFFILIATION AGREEMENT

An **essential aspect** of Central Health's vision is **the organization, construction and operation of a medical school by UT Austin.**

UT System funding of \$25 million per year for Dell Med plus \$5 million per year for faculty recruitment, and **local community support a total of \$35 million per year** for the direct support of the UT Austin Dell Medical School.



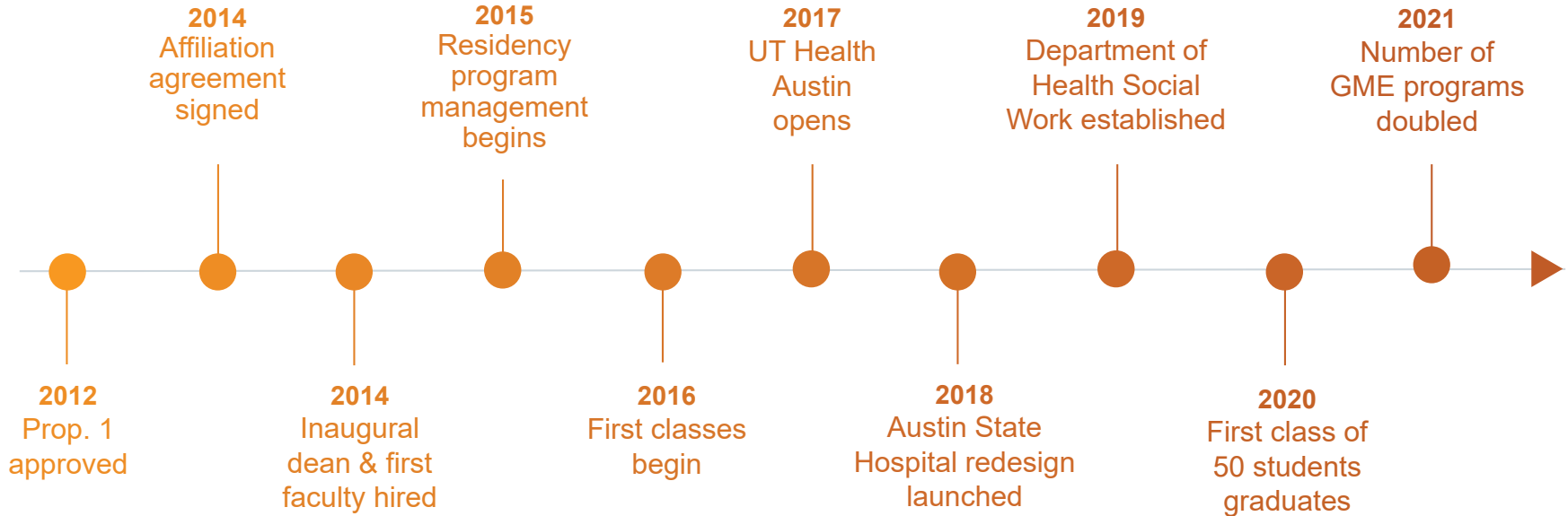
AFFILIATION AGREEMENT

Permitted investments include the provision of direct operating support to UT Austin that will be used by UT Austin in its discretion to facilitate and enhance:

- **Development, accreditation and on-going operation** of the UT Austin Dell Medical School and its administrative infrastructure;
- **Recruitment, retention and work** of the UT Austin Dell Medical School faculty, residents, medical students, researchers, administrators, staff and other clinicians; and
- Other **related activities and functions** as described in the agreement.



OUR PROGRESS AS PARTNERS



WHAT COMMUNITY INVESTMENT MAKES POSSIBLE

EXPERTS & INFRASTRUCTURE

13 Academic Departments

12 Centers & Institutes

306 Regular Faculty Employed by Dell Med

825 Staff

WORK & IMPACT ACROSS FOUR PILLARS



Education



Research



Clinical Care



Healthscape

Health beyond clinics and hospitals

WHAT COMMUNITY INVESTMENT MAKES POSSIBLE: EDUCATION



UNDERGRADUATE MEDICAL EDUCATION (UME)

~200 mission-focused students

94% Texas residents
(≥90% required by state law)

23% identify with a **race or ethnicity underrepresented in medicine** (U.S. med schools' avg: 20%)

61% women (U.S. avg: 53.6%)

Academic year 2021-2022



GRADUATE MEDICAL EDUCATION (GME)

401 physicians in training

21% of residents identify with a **race or ethnicity underrepresented in medicine**
(U.S. residency program avg: 13.8%)

54% women
(U.S. avg: 46%)

Academic year 2022-2023



CONTINUING MEDICAL EDUCATION (CME)

Education and support for all community physicians:

638 CME-accredited activities
31,629 participants
(2021)

Includes

35 COVID-focused town halls hosted in collaboration with the Travis County Medical Society (2020-2022)

WHAT COMMUNITY INVESTMENT MAKES POSSIBLE: RESEARCH

\$89 million
in research funding

110
investigators

252
research projects



ADVANCING HEALTH EQUITY

Research includes street medicine and the use of technology to improve care for people experiencing homelessness.



PREVENTING DRUG OVERDOSES STATEWIDE

The Project Connect digital reporting and surveillance system is improving overdose reporting, tracking and prevention across Texas.



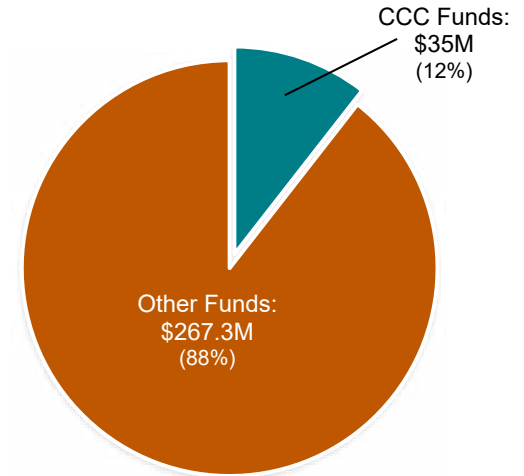
UNDERSTANDING COVID-19

Studying the role of the immune system with implications for patients with COVID-19 and long COVID, as well as other diseases.

BUDGET OVERVIEW

	FY22 Planned Permitted Investment Allocation (Projected)	FY23 Planned Permitted Investment Allocation (Budgeted)
Women's Health	\$3,070,000	\$2,800,000
Surgery	\$3,720,000	\$3,800,000
Internal Medicine	\$4,330,000	\$4,200,000
Livestrong Cancer Institutes	-	-
Neurology	-	-
Psychiatry	-	-
Population Health	\$1,180,000	\$1,200,000
Pediatrics	\$2,050,000	\$1,500,000
Diagnostic Medicine	-	-
Neurosurgery	-	-
Ophthalmology	-	-
Clinical Practice Operations	\$6,300,000	\$5,400,000
Medical Education	\$2,530,000	\$2,000,000
Health Ecosystem	\$580,000	\$500,000
Health Equity	\$540,000	\$500,000
Value Institute	\$230,000	\$200,000
Design Institute	\$220,000	-
Overhead Allocation*	\$13,490,000	\$12,900,000
Total	\$38,240,000	\$35,000,000

Total FY23 budgeted expenditures: **\$302.3M**



Dell Med leverages separate philanthropic support for **Oncology, Neurology, Psychiatry, Neurosurgery, and Ophthalmology.**

*Overhead allocation supports salaries and operating costs in departments such as IT, business support, communications, utilities, etc.



EXAMPLES OF IMPACT



**Attracting Top Doctors
& Training Specialists**



**Coordinating & Expanding
Safety Net Care**



**Benefiting All Travis
County Residents**



**Improving Health Beyond
Clinics & Hospitals**

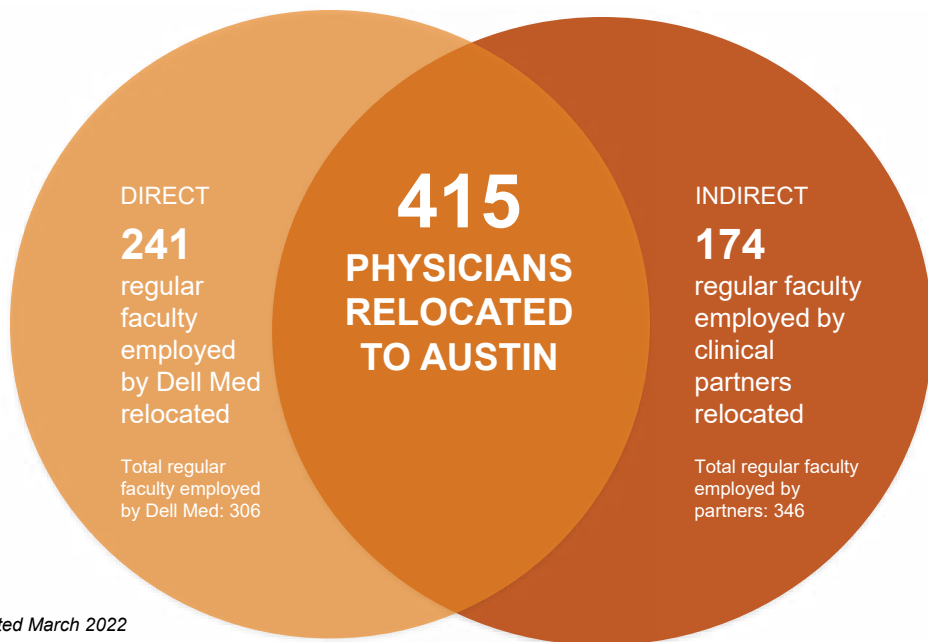


**Collaboratively Addressing Gaps
in the Integrated Delivery System**



ATTRACTING TOP DOCTORS & TRAINING SPECIALISTS

Dell Med is directly or indirectly connected to attracting **415 new doctors** — representing **64% of all regular faculty** — to Austin since 2014.



Updated March 2022

Of 306 regular faculty employed by Dell Med,

42% specialize in areas of need

identified in Central Health's Equity-Focused Service Delivery Strategic Plan:

- Cardiology
- Ear, Nose and Throat
- Gastroenterology
- Gynecologic Surgery
- Hematologic Oncology
- Nephrology
- Neurology
- Ophthalmology
- Orthopaedic Surgery
- Primary Care
- Psychiatry

ATTRACTING TOP DOCTORS & TRAINING SPECIALISTS

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FOR SUBSCRIBERS HEALTHCARE

A heart restored: Central Texas child makes amazing recovery after using mechanical heart

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FOR SUBSCRIBERS HEALTHCARE

'A hidden gem': Dell Children's helps advance treatment for epileptic seizures

Nicole Villalpando Austin American-Statesman
Published 7:00 a.m. CT May 31, 2022

View Comments

Matthew Rovira was 16 when he had his first seizure. The now 23-year-old from Corpus Christi was taken to his local children's hospital by ambulance. His face was drooping, and he had partial paralysis.

His seizure didn't stop until he was given medication in the hospital.

Rovira was a healthy kid who played baseball and football and participated in ROTC in high school.

The procedure, after CT scans and an MRI,

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CBS AUSTIN NEWS WEATHER CORONAVIRUS WE ARE AUSTIN CHIME IN WATCH 97°

Dell Children's new Pediatric Abdominal Transplant Center gives new hope for Austin family

by Emily Chavez | Friday, March 25th 2022

KVUE News Weather Near Me VERIFY Watch Live

ADVERTISE WITH US CORONAVIRUS SCHOOLS FOREVER FAMILIES DEFENDERS RADAR ALLERGIES BOOM!

HEALTH

Kidney transplant becomes a medical first at Dell Medical School

Doctors successfully transplanted a kidney for the first time in the specialized Abdominal Transplant Center.

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ATTRACTING TOP DOCTORS & TRAINING SPECIALISTS



UNDERGRADUATE MEDICAL EDUCATION (UME)

143 medical school graduates
(2020-2022)

41% staying in Texas for residency
(59 of 143 graduates since 2020)

Nearly **1 in 4** staying in Austin
(31 graduates since 2020)



GRADUATE MEDICAL EDUCATION (GME)

567 residency graduates
(since 2015; excluding 2022 data)

69% now practicing in Texas
(261 of 376* immediately entering practice)

43% now practicing in Central Texas
(161 of 376* immediately entering practice)

U.S. GME Data 2011-2020

Nationally, **57%** of individuals who complete residency training practice in the state of their training.

Source: AAMC

**Excludes 191 resident graduates pursuing advanced training*

COORDINATING & EXPANDING SAFETY NET CARE: GROWING RESIDENCY PROGRAMS

Residents and fellows provide

730K+ hours of care to patients at **80+** hospitals and community clinics
(2022)

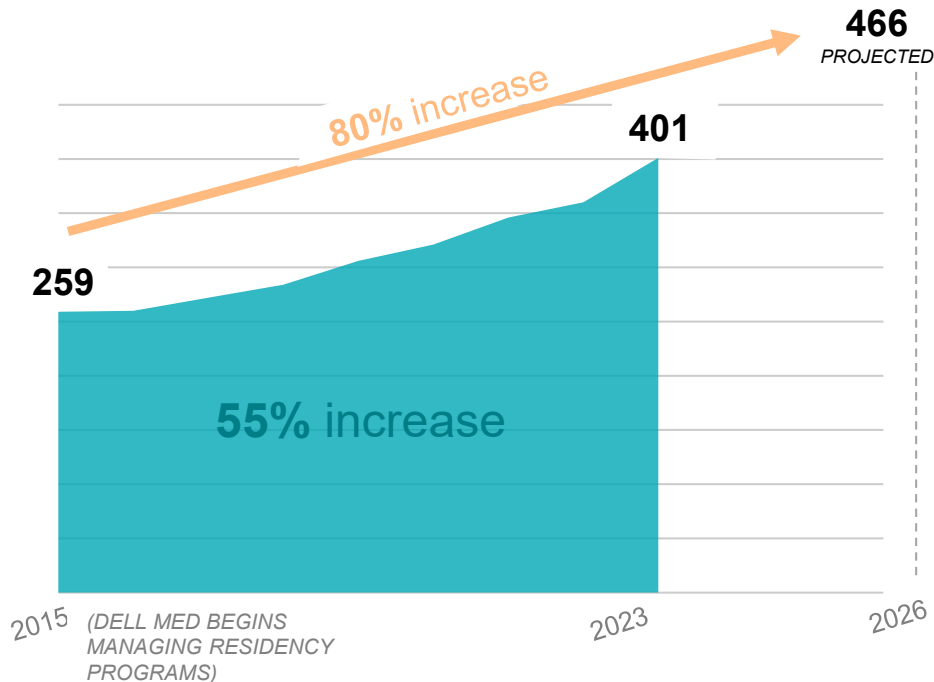
Includes

500K+ hours of care for patients at Dell Seton Medical Center, Dell Children's, Ascension Seton Shoal Creek and CommUnityCare

In collaboration with Ascension Seton, Dell Med has **more than doubled** the number of residency and fellowship programs to 46 in the last two years.

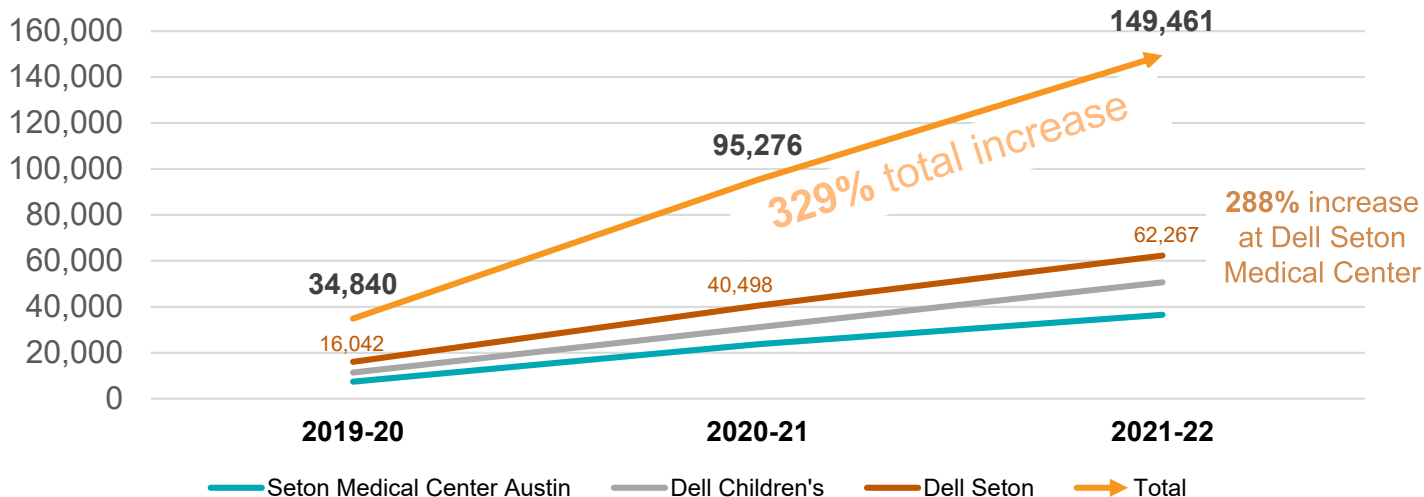
New programs include areas of need identified in Central Health's Equity-Focused Strategic Plan, such as **Ophthalmology, Neurology, Gastroenterology** and **Addiction Psychiatry**.

Residency & Fellowship Growth



BENEFITING ALL TRAVIS COUNTY RESIDENTS: CARE PROVIDED BY DELL MED RESIDENT PHYSICIANS

Patient Visits by Resident Physicians at Ascension Seton Hospitals



BENEFITING ALL TRAVIS COUNTY RESIDENTS: CARE PROVIDED BY DELL MED RESIDENT PHYSICIANS

In addition to Ascension Seton hospitals, Dell Med residents and fellows provide care in clinics across the community, including:

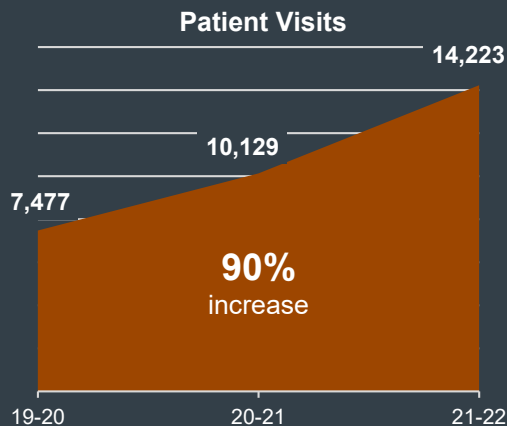
Veterans Affairs Clinics – Austin VA (Academic Years 2019-2022)



11K+
unique patients



31K+
patient visits



CommUnityCare Health Centers (Annualized Data, 2021)



12K+
unique patients



20K+
patient visits

BENEFITING ALL TRAVIS COUNTY RESIDENTS: CARE PROVIDED BY DELL MED FACULTY

Of 306 regular faculty employed by Dell Med, **200 (65%)** work full- or part-time **in the community** with a range of clinical partners, including:



Regular faculty provide

280K+ hours of care

in the community each year, including for patients with low income (does not include UT Health Austin clinics).

Faculty-provided specialty care includes areas of need identified in Central Health's Equity-Focused Service Delivery Strategic Plan, including **primary care, cardiology, gastroenterology, neurology** and **psychiatry**.



BENEFITING ALL TRAVIS COUNTY RESIDENTS: CARE PROVIDED AT UT HEALTH AUSTIN



The UT Health Austin clinical practice, primarily operating from Dell Med's Health Transformation Building, includes **60+ primary care, walk-in and specialty clinics**, with adult and pediatric programs in partnership with Ascension Seton and Dell Children's Medical Center.

In the last year:



24K+
unique patients



80K+
patient visits

About 1 in 3

patient visits (25,162, or 31%, of 80,077) were funded by MAP, Medicaid or Medicare

590

surgeries performed at the Ambulatory Surgery Center (Opened in 2021)



IMPROVING HEALTH BEYOND CLINICS & HOSPITALS



COMMUNITY HEALTH WORKERS

- Focus on improving access and reducing inequities
- Examples include care transitions and outreach to those experiencing homelessness
- Partners include Dell Seton Medical Center, Lone Star Circle of Care, Go Austin/Vamos Austin, CommUnityCare and Integral Care



CANCER PREVENTION & CONTROL

In partnership with CommUnityCare:

Colorectal Cancer

- 48,000+ colorectal cancer test kits mailed to patients resulting in 400+ colonoscopies (since 2017)
- Collaboratively doubled screening rate for CUC patients to 40%

Lung & Alcohol Related Cancers

- 4,500 patients screened

IMPROVING HEALTH BEYOND CLINICS & HOSPITALS



MENTAL HEALTH

- Austin State Hospital redesign in collaboration with Texas Health and Human Services Commission (opening 2023)
- Planning for the Travis County Forensic Mental Health Project (intersection of criminal justice system & mental health)
- First-of-its-kind Department of Health Social Work
- Center for Youth Mental Health



HEALTH EQUITY

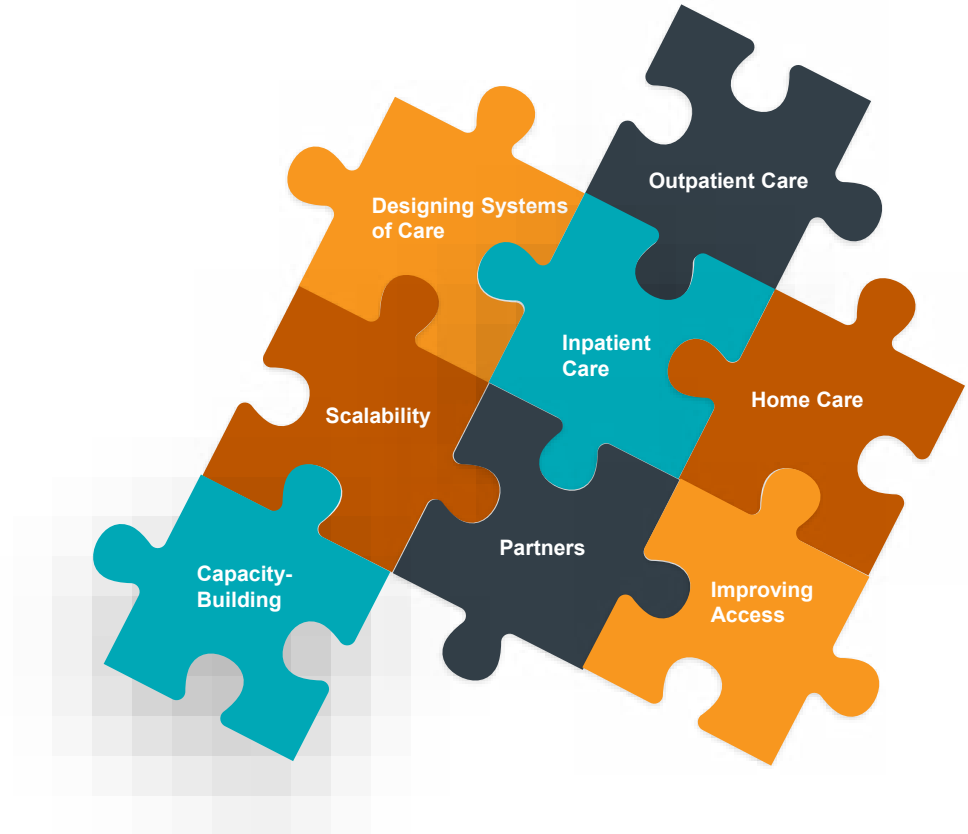
- Data collection partnership focused on race, ethnicity and language
- Research addressing asthma disparities in children
- Community-Driven Initiatives program supports health-focused initiatives led by community organizations
- Evaluation partner for projects related to food access in Eastern Travis County

COLLABORATIVELY ADDRESSING GAPS IN THE INTEGRATED DELIVERY SYSTEM

Together, we are working toward a **comprehensive system of care** that patients and families experience as seamless.

Examples of success include:

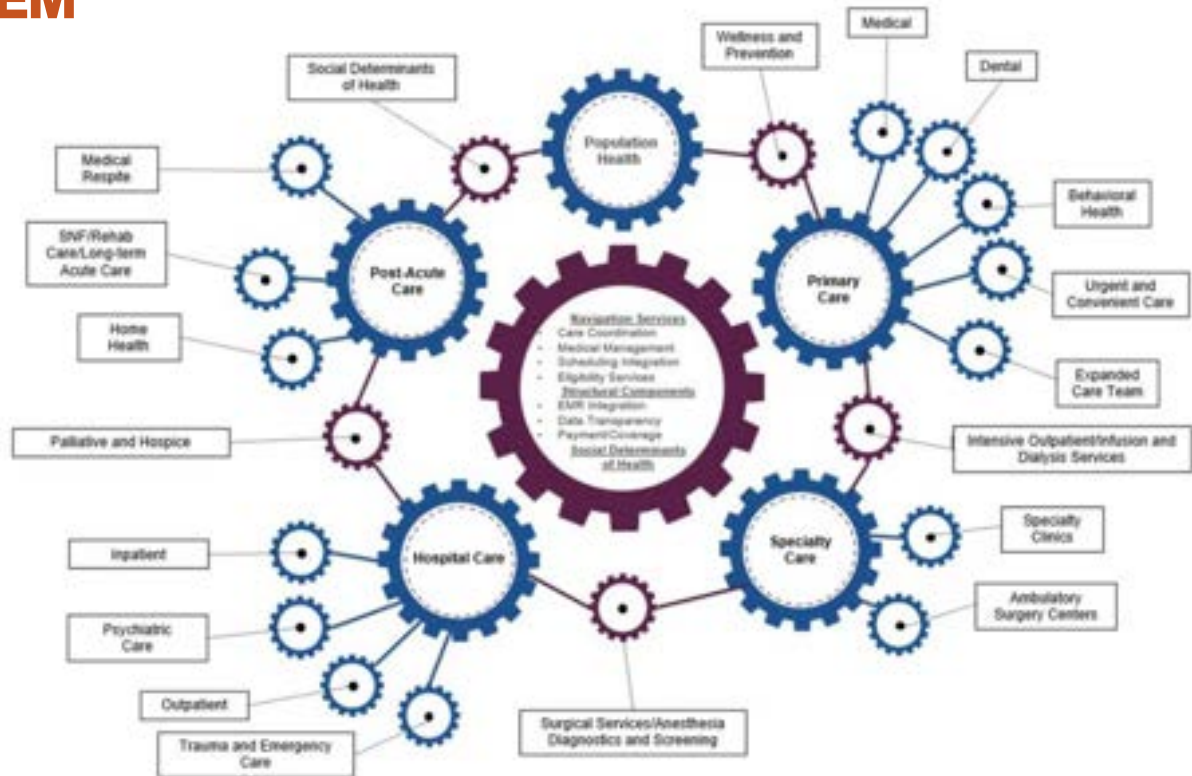
- **COVID-19 response**
- **Musculoskeletal Institute**
- **Women's Health Institute**
- **Gastroenterology (GI) clinic**



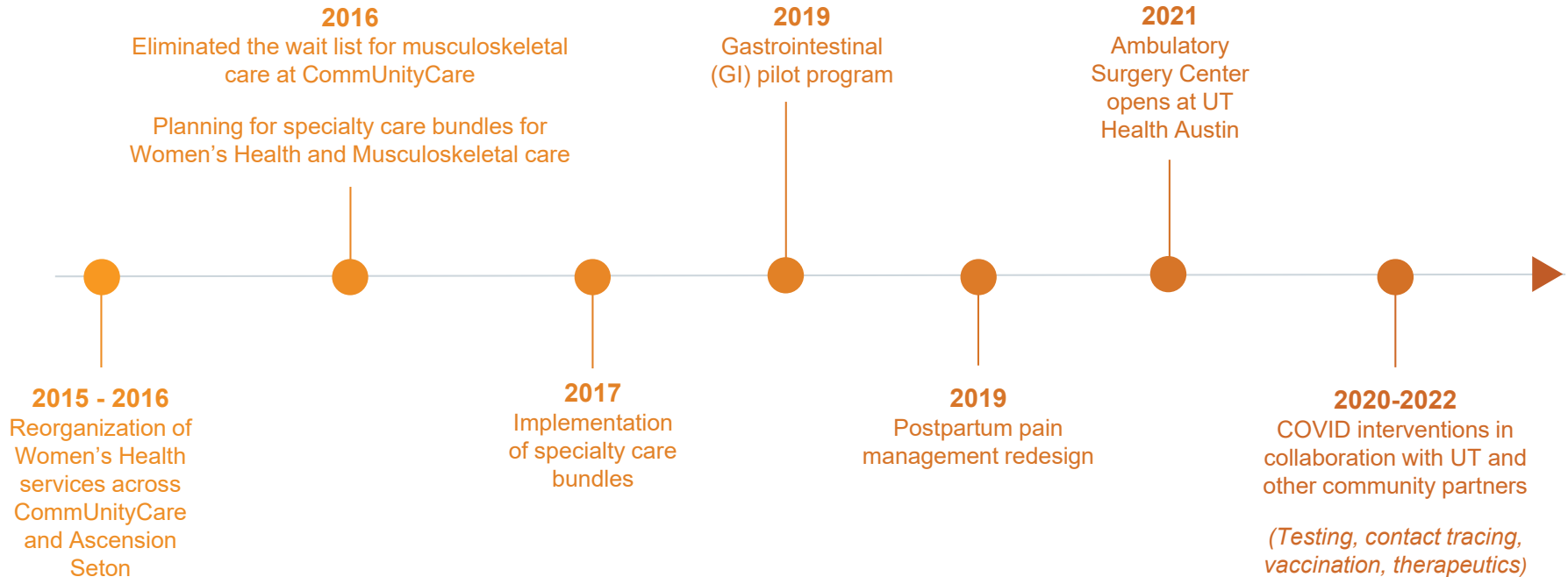
COLLABORATIVELY ADDRESSING GAPS IN THE INTEGRATED DELIVERY SYSTEM

Components of a High Functioning Health Care Delivery System

(from the Central Health Equity-Focused Service Delivery Strategic Plan, pg. 17)



COLLABORATIVELY ADDRESSING GAPS IN THE INTEGRATED DELIVERY SYSTEM: KEY MILESTONES



COLLABORATIVELY ADDRESSING GAPS IN THE INTEGRATED DELIVERY SYSTEM: COVID-19

Modern Healthcare

Home > Hospitals

July 06, 2021 05:00 AM

A unique partnership helped Austin outperform the rest of Texas on COVID-19

MA

PNAS

COMMENTARY | BIOPHYSICS AND COMPUTATIONAL BIOLOGY | OPEN ACCESS



Collaborative modeling key to improving outbreak response

Nicholas G. Reich and Ewan L. Ray [Authors Info & Affiliations](#)

March 23, 2022 | 119(14)e2200703119 | <https://doi.org/10.1073/pnas.2200703119>

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shm. THE HOSPITAL LEADER
Official Blog of SHM

Lessons from the Pandemic: Building COVID-19 Centers of Excellence

By Kirsten Nieto, MD, Read G. Pierce, MD, Christopher Moriates, MD, SFHM, Elizabeth Schulwolf, MD | October 13, 2020 | 2



This article is part of a series in The Hospital Leader written by members of the Division of Hospital Medicine at Dell Medical School at The University of Texas at Austin, exploring lessons learned from the coronavirus pandemic and

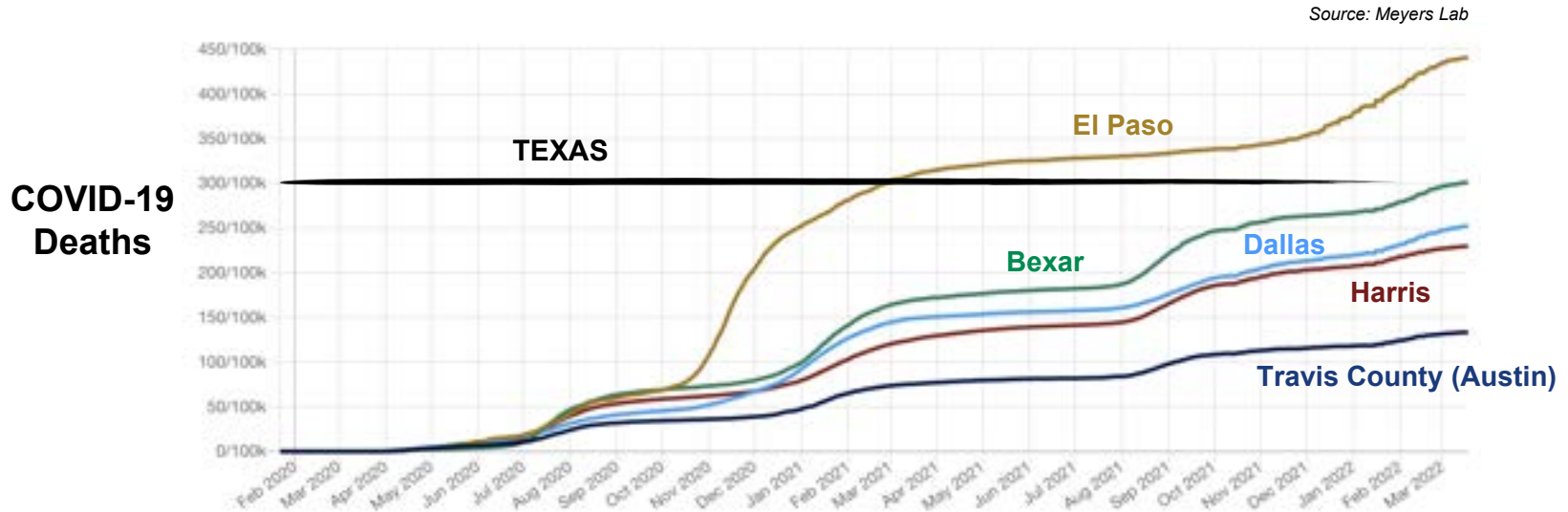
KUT 90.5 Austin's NPR Station

COVID-19

A Dell Medical School Program Is Trying To Help People Dealing With Long-Term Side Effects Of COVID-19

COLLABORATIVELY ADDRESSING GAPS IN THE INTEGRATED DELIVERY SYSTEM: COVID-19

Travis County's comprehensive COVID-19 response included Austin Public Health, elected officials, hospital systems, UT Austin/Dell Medical School and other partners.



COLLABORATIVELY ADDRESSING GAPS IN THE INTEGRATED DELIVERY SYSTEM: MUSCULOSKELETAL INSTITUTE

In the last year:



6,034
unique patients



13,537
patient visits

42% of unique patients
(2,540 of 6,034) **funded by
MAP, Medicaid or Medicare**

(Since launch in 2017, care has been provided to **15,934 unique patients** during **43,663 patient visits**.)



COLLABORATIVELY ADDRESSING GAPS IN THE INTEGRATED DELIVERY SYSTEM: MUSCULOSKELETAL INSTITUTE

In collaboration with Ascension Seton, CommUnityCare, the Community Care Collaborative and community physicians, a pilot project **eliminated a year-long waiting list**. Now, new patients are seen within **one week**.

2016 Pilot Program

- 1,400 MAP patients on waiting list of up to a year (eliminated wait list in ~7 months)

Impact

Wait times for care now
~1 week



COLLABORATIVELY ADDRESSING GAPS IN THE INTEGRATED DELIVERY SYSTEM: MUSCULOSKELETAL INSTITUTE (MSK)



Innovations in Care Delivery

CASE STUDY | ARTICLE PREVIEW

Specialty Care for the Underserved

The opening of a new medical school provided impetus to restructure musculoskeletal services to give the safety-net

1 **UT NEWS**

HEALTH & WELLNESS

© Sep 16, 2016

Access to Specialty Care Grows for Low-Income and Uninsured Patients through Pilot Project

A pilot project has increased access to specialty care among low-income and uninsured Travis County patients and trimmed a waiting list of referrals for musculoskeletal care.



National Library of Medicine
National Center for Biotechnology Information

> Healthc (Amst). 2019 Jun;7(2):16–20. doi: 10.1016/j.hjdsi.2018.10.001. Epub 2018 Oct 31.

Impact of an integrated practice unit on the value of musculoskeletal care for uninsured and underinsured patients

Devin V Williams ¹, Tiffany C Liu ², Michael G Zywiol ³, Miranda K Hoff ⁴, Lorraine Ward ⁵, Kevin J Bozic ⁶, Karl M Koenig ⁷

Austin American-Statesman
SERVING OUR COMMUNITY SINCE 1871

Bass family gift \$2.26 million to fund Dell Medical School study of UT Health Austin care model

Nicole Villalpando Austin American-Statesman

Published 6:00 a.m. CT May 5, 2021

COLLABORATIVELY ADDRESSING GAPS IN THE INTEGRATED DELIVERY SYSTEM: WOMEN'S HEALTH INSTITUTE

In the last year:



4,258
unique patients



10,192
patient visits

26% of unique patients
(1,105 of 4,258) **funded by
MAP, Medicaid or Medicare**

(Since launch in 2017, care has been
provided to **9,429 unique patients** during
32,816 patient visits.)



COLLABORATIVELY ADDRESSING GAPS IN THE INTEGRATED DELIVERY SYSTEM: WOMEN'S HEALTH INSTITUTE

OBSTETRICS & GYNECOLOGY

CONTENTS: OBSTETRICS: ORIGINAL RESEARCH

Decreasing Opioid Use Postpartum A Quality Improvement Initiative

Rogers, Rebecca G. MD; Nix, Michael MD; Chipman, Zachary MD; Breen, Michael MD; Dieterichs, Chad MD; Nutt, Stephanie MA, MPA; Moxham, Jamie MSPH; Chang, Patrick MS,

The University of Texas at Austin
Dell Medical School

NEWS

Amid National Health Crisis, Pain Plan Reduces Opioid Use for New Moms

OCT. 10, 2019

AUSTIN, Texas — A newly standardized pain treatment plan reduced mothers' opioid use before and after childbirth, according to a study published in the latest issue of *Obstetrics & Gynecology*.

NEJM
Catalyst

Innovations in Care Delivery

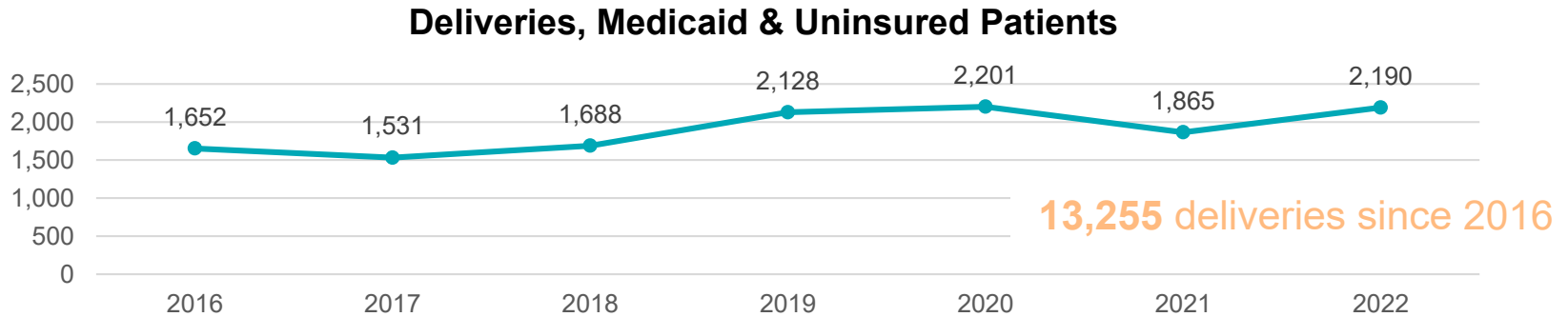
CASE STUDY | ARTICLE PREVIEW

An Innovative Approach to Treating Complex Gynecologic Conditions

How the Women's Health Institute at The University of Texas at Austin designed their clinic to provide comprehensive, team-based, and patient-centered care for women.

COLLABORATIVELY ADDRESSING GAPS IN THE INTEGRATED DELIVERY SYSTEM: WOMEN'S HEALTH CARE REDESIGN

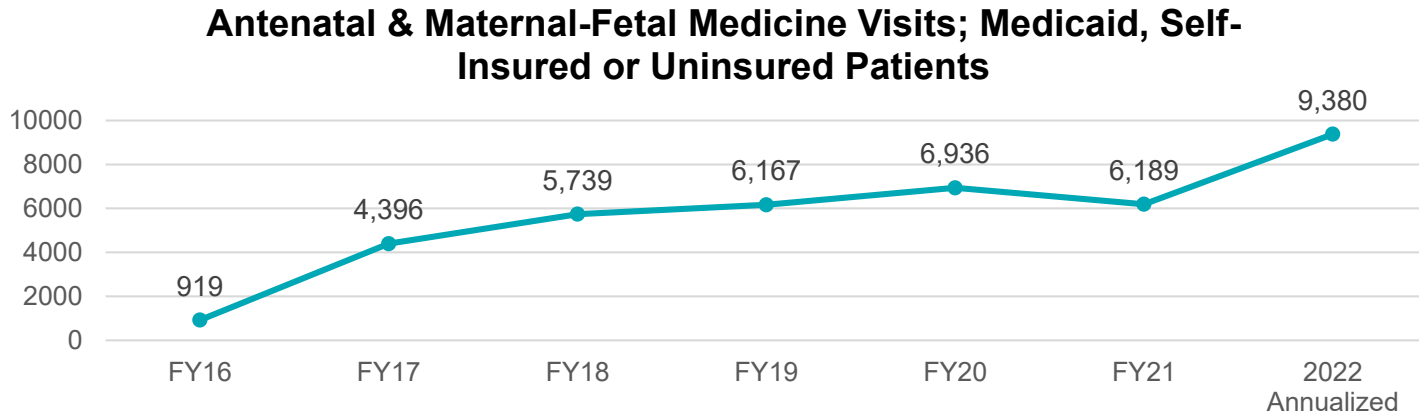
Reducing Opioid Use: With standardized pain treatment for pregnant and postpartum women, a **26% decrease** in chance of post-partum opioid use (2019 published data).



Attending Physician: Ascension Medical Group/UT
Health Austin Obstetrician or Maternal-Fetal Medicine
(MFM) group

COLLABORATIVELY ADDRESSING GAPS IN THE INTEGRATED DELIVERY SYSTEM: WOMEN'S HEALTH CARE REDESIGN

Redesigning the system of women's health care in Travis County resulted in a **ten-fold increase** in antenatal and maternal-fetal medicine visits from 2016-2022 for those who need them most.



COLLABORATIVELY ADDRESSING GAPS IN THE INTEGRATED DELIVERY SYSTEM: GASTROENTEROLOGY (GI CARE)

In collaboration with the CommUnityCare team, GI specialists are improving access to care: A pilot project **cut wait times** from 6 months to **less than 2 weeks** for CUC patients with GI and liver conditions/diseases (among the most common specialty referrals).

Example of a successful pilot program (2019):

- Team-based model launched at **2 CommUnityCare clinics**
- Cleared backlog of **1,300 patients** on 6-month wait list
- E-consults with **~3,800 new patients**
- Avoided clinic visits for **72% of patients** (easier for patients and avoids co-pays)
- **Decreased** unnecessary testing and procedures
- Clinic wait times cut to **less than 2 weeks**
- Consult waits for new referrals cut **to 1 day** (~11 new referrals daily)

IN PARTNERSHIP

Working with Central Health partners to plan for **specialty care and services** at the new Rosewood-Zaragosa Health Center.



FUTURE CLINICAL OPPORTUNITIES

Additional service opportunities
through enduring strategies.

Two master service contracts:

PROFESSIONAL AND FACILITY SERVICES

- PASC (Post-COVID Clinic)
- Advanced imaging
- Tubal ligation (bundle)
- Ophthalmology
- Podiatry surgical services

PROFESSIONAL SERVICES RELATIONSHIP

- Mimics CUC contract
- MSA structure allows providers to be added as services needed
- Subspecialty care integration
- Improved access



Photo credits include UT Health Austin



FUTURE COLLABORATIVE OPPORTUNITIES

- Alignment and collaboration on **identified strategic priorities**
- Address prioritized **public health issues**
- Continued **support for communities disproportionately affected by COVID-19**
- **Health equity**
- Scale successful **clinical programs**
- Increase agility and provide **more specialized care** more efficiently by **developing contracting**, such as:
 - Master contract agreement for specialty care
 - Professional service agreements for Central Health care expansion
 - Amending CCC agreement for expanded infectious disease coverage

