

COOK COUNTY
HEALTH

Update



Center for Health Equity and Innovation

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December 4, 2020



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HEALTH

Cook County Health Impact 2023 Strategic Plan

To deliver integrated health services with dignity and respect regardless of a patient's ability to pay and to advocate for policies that promote and protect the physical, mental and social well-being of the people of Cook County.

Principle: *Improve Health Equity*

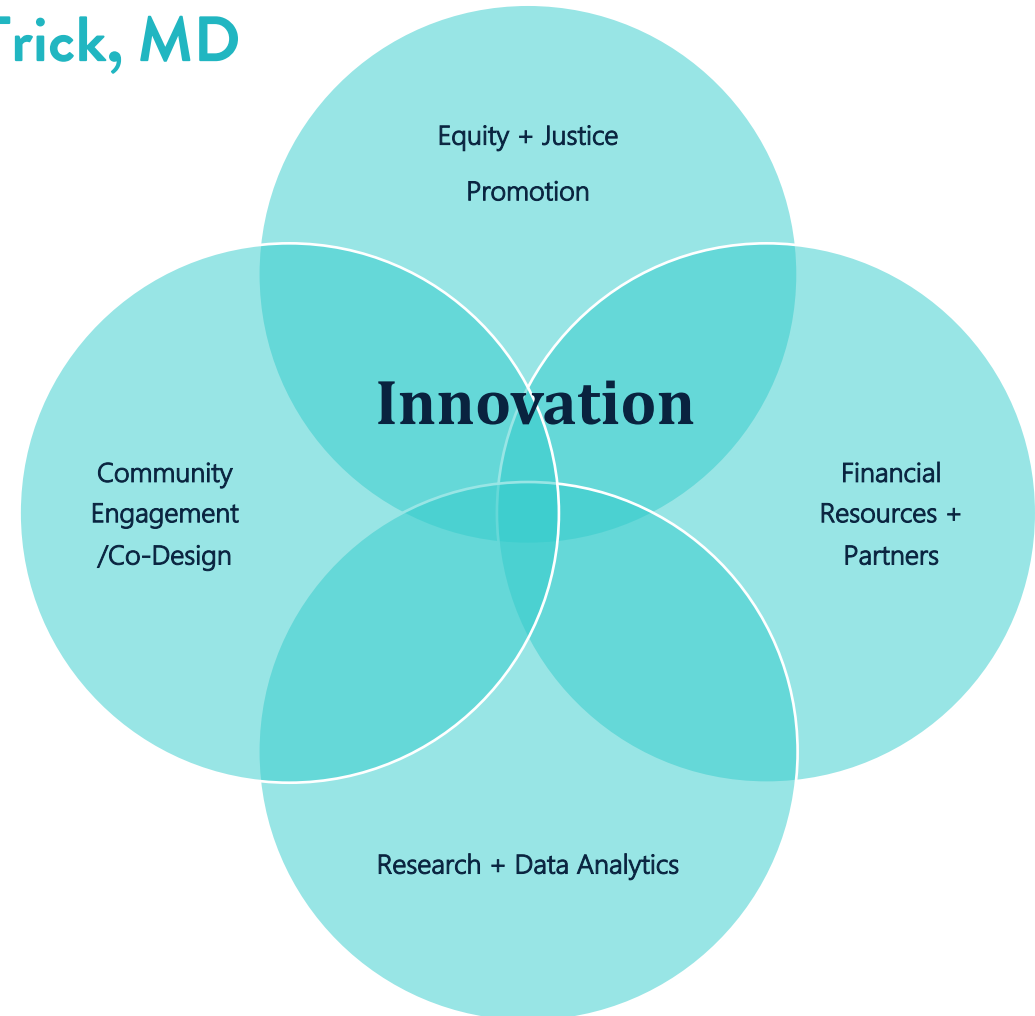
- Work is aligned with the Board Resolution 20-09 on racial inequities and health disparities approved June 26, 2020.
- **FOCUS AREAS**
 - *Deliver High Quality Care*
 - Grow to Serve and Compete
 - *Foster Fiscal Stewardship*
 - Leverage and Invest in Assets
 - *Impact Social Determinants and Advocate for Patients*

Center for Health Equity and Innovation

Co-led by Leticia Reyes-Nash, MBA and Bill Trick, MD

The Center is an innovation platform that:

- Fosters a learning health system
- Provides ideation of programs to support CCH strategic priorities through programmatic, data, and technological innovations
- Develops cross-departmental and external partnerships to strive for health equity
- Identifies and obtains resources for these innovations



Cook County Racial and Health Equity Initiative

Co-led by **Drs. Lakshmi Warrior, Medical Director of Stroke; Chair of Division of Neurology, and Yvonne Collins, Chief Medical Officer of CountyCare** in collaboration with **Center for Health Equity and Innovation.**

Internal group including multidisciplinary, staff representing all entities within CCH developing a comprehensive strategy to address health equity for patients, employees, and community.

- Gather input from internal stakeholders
- Review and broadly share current initiatives that addresses health equity across the system
- Develop a community co-design committee to guide plan development
- Scholarship from Institute of Health Improvement funding participation in a national **Pursuing Health Equity Learning Network**
- Organizing online forum regarding health equity per the Board equity resolution

Institute for Healthcare Improvement (IHI) Pursuing Equity *Learning & Action Network*

The Pursuing Equity Learning and Action Network is designed to foster systemic action by health systems to get measurable results and achieve improvements in equity.

CCH IHI Team has been created and is engaged in the LAN. Engagement began in September 2020.

CCH proposes to:

- To increase access to care for communities most in need
- Create co-designed solutions to address health disparities
- Develop and implement processes and systems to ensure there is power sharing and solutions that are community driven.

Domains for interventions



WORKFORCE

Cultural Competence and Implicit Bias Training

- 2019
 - Partnered with The Exeter Group to develop and pilot comprehensive training for CCH Leaders
 - 438 leaders participated in the 2019 pilot
- 2020*
 - Mandatory virtual training for leaders offered beginning October 2020
 - About 700 leaders will be trained
- 2021
 - Mandatory virtual training for all employees will be offered beginning in 2021

*The 2020 Employee Engagement and Culture of Safety Survey contains several new questions to **examine employees' opinions regarding diversity and inclusion at Cook County Health**. A data summary is anticipated in December 2020 and will be shared with leaders at that time. All leaders will be asked to develop action plans based on the results of their survey data.

COMMUNITY

Center Health Equity and Innovation 2019 Summits

- Tackling the Opioid Epidemic- February 20, 2019
- Housing is Health- May 22, 2019
- Connecting Care for the Justice-Involved- September 18, 2019
- Achieving Health Equity by Addressing Social Needs - February 19, 2020
- **Unmasking COVID-19 – 1st Racial and Health Equity *online* Forum scheduled for February 2020**
- **COVID-19 Research Consortium *online* Summit – December 11, 2020 – Noon-1:30pm**

POPULATION FOCUS

Sample of CCH Grant Projects

- Cook County Healthy Start Initiative: implementing a comprehensive risk screening and case management services to address physical health and psycho-social risk factors that impact birth outcomes for African American women, infants and their father/ partners, during the perinatal period.
- Behavioral Health Initiatives: expansion of Medicine Assisted Treatment (MAT) at all CCH sites to reduce and treat opioid use disorder.
- Flexible Housing Pool: a public-private partnership designed (1) to create new permanent supportive housing subsidies, and (2) to serve a Housing First target population identified across the healthcare, justice, and social service sectors.
- Medical Respite Center: a 16-bed short-term post-acute-care medically supported interim housing program partnering with Housing Forward.

CLINICAL CARE

High Reliability Work Groups – Example: Reducing Readmissions

Transition of Care (TOC) Team: Congestive Heart Failure patients with complex needs are screened while inpatient to *proactively* address social determinants of health to reduce hospital admissions

- Screening includes housing and food insecurities, access to and availability of transportation, provider availability
- Entire screening addresses medical and psychosocial determinants

Random Audit of CHF Admissions	
Patients leaving with follow-up appointment	90%
Patients leaving with medications or refills	100%
Patients being discharged with understanding of diagnosis	100%
Patients leaving with scales	85%
Patients with hospital readmission within 30 days	0%

CLINICAL CARE & POPULATION FOCUS

CMIS: Care Management Information System

- Flexibility
 - Customization for populations (Juvenile detention center, COVID contact tracing, Payer agnostic)
- Evidence-based
 - Assessments follow chronic care guidelines, national quality measures
- Efficiency
 - Organizes care coordination: rule logic embedded for >50 tasks
- Financial-Research
 - Costly vendor contracts
 - Foundation for innovative grant opportunities
- Reporting and analytics
 - Custom real-time visualizations to managers
 - Decision making through analytics

Next Steps

Center for Health Equity and Racial and Health Equity Initiative

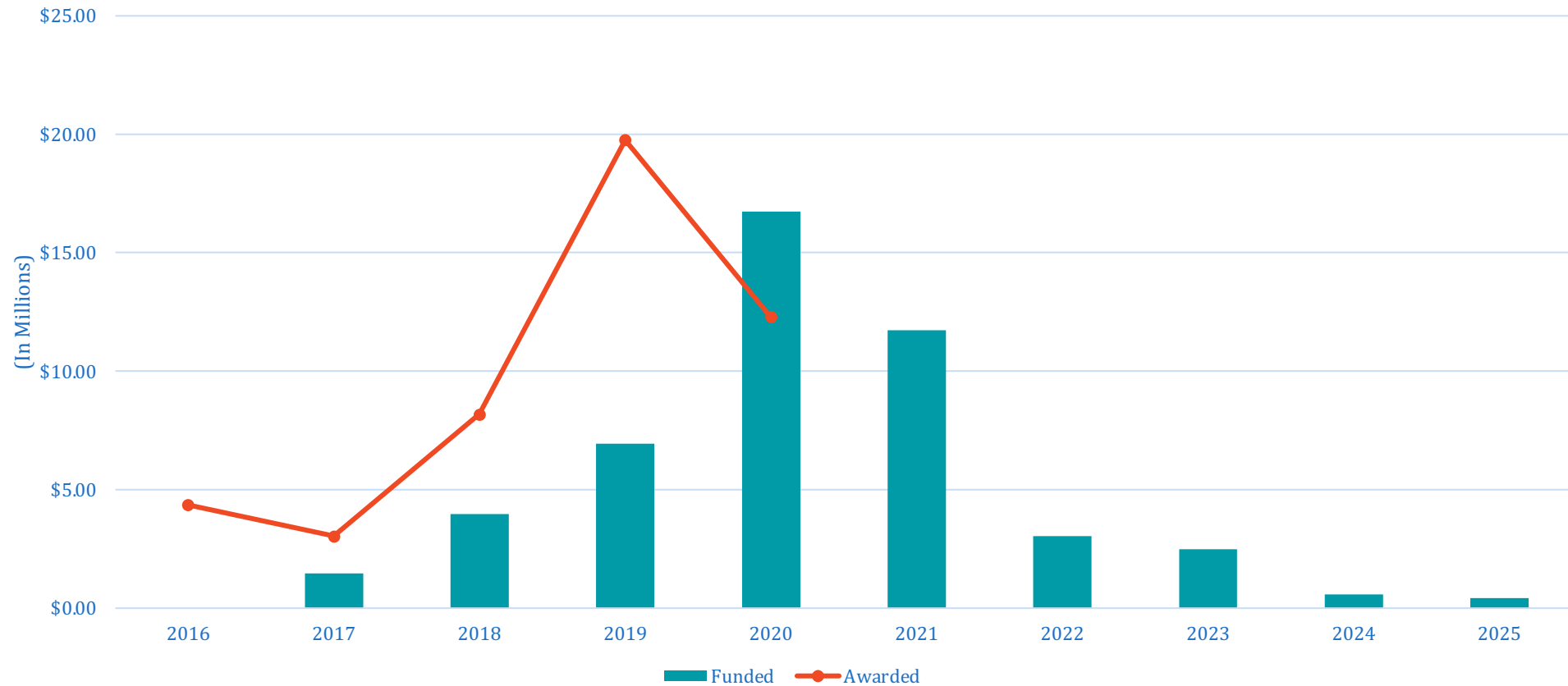
- Continue to identify funding to support strategic objectives
- Support research administration and grant administration
- Provide strategic implementation support for grant funded programs
- Align and Leverage
 - HRO Work Groups' Activity
 - Trauma Informed Care Task Force
 - Community Advisory Boards
 - CCDPH Community Co-Design
- Continue work with IHI Pursing Health Equity LAN
- Utilize *IHI Improving Health Equity Assessment Tool for Health Care Organizations* to develop measures for quarterly reporting

QUESTIONS

Attachments

CCH Grant Funding Totals

Cumulative Awards via OPSI - FY2020 to date: \$47.6 million



Key Projects Impacting Racial/Health Disparities

Program Focus	Disparity	Intervention	Funding
Housing	<i>~79% of homeless are African American.</i>	<ul style="list-style-type: none"> - Permanent Housing - Recuperative Care Programs - Homeless Prevention Programs 	IHDA HACC City of Chicago Michael Reese Trust MK and JB Pritzker Foundation County Care RWJF

Key Projects Impacting Racial/Health Disparities

Program Focus	Disparity	Interventions	Funding
Opioid Use Disorder	<p><i>African Americans constitute ~75% of CCJ's population.</i></p> <p><i>Blacks/Hispanics disproportionately charged with drug offenses in Cook County.</i></p> <p><i>(Sage Journals, Dec 4, 2012)</i></p>	<ul style="list-style-type: none"> - Screen & link to care - Medicaid and Healthcare System Payment and Policy Change - Justice System Policy Change - Cross-system Collaboration 	<p>IDHS</p> <p>IHFS</p> <p>Department of Justice</p> <p>Arnold Foundation</p> <p>Mac Arthur Foundation</p>

Current Funders

Federal Agencies	State Agencies	Local Government Agencies	Not-for-Profit Foundations	Not-for-Profit Cont'd	For Profit Entities
U.S. Dept. of Health and Human Services	Illinois Dept. of Human Services	Public Health Institute of Metropolitan Chicago	Illinois Children's Healthcare Foundation	Illinois Public Health Institute	Duke University
U.S. Dept. of Justice	Illinois Dept. of Public Health	Chicago Dept. of Public Health	MacArthur Foundation	American College of Preventative Medicine	
U.S. Dept. of Health and Human Services	Healthcare and Family Services	Illinois Public Health Institute	Great Lakes Hemophilia Foundation	Near North Health Services Corporation	
U.S. Dept. of Justice, Bureau of Justice Assistance			Michael Reese Health Trust	Corporation for Supportive Housing	
Substance Abuse and Mental Health Services Administration			American Cancer Society	Robert Wood Johnson Foundation	
Center for Disease Control			J.B. and M.K. Pritzker Family Foundation	Institute for Diversity and Health Equity	

Current Research Sponsors

Federal Agencies	Not-for-Profits & Universities	For Profit Entities
National Institutes of Health (NIH)	Minneapolis Heart Institute Foundation	Eli Lilly & Company
National Death Index (NDI)	Indiana University	Bayer Healthcare Pharmaceuticals
	University of Washington	AbbVie Inc.
	Sharp Healthcare	Avita Medical
		Alnylam Pharmaceuticals
		Akcea Therapeutics
		Amgen Biotech

Grant Dollars at Work in CCH – 2020

New Initiatives & Programs Launched in FY2020

Title	Purpose	Amount
SAMHSA/Cook County Women's Re-entry Program	Connect women returning to Cook County from IDOC system to substance use disorder treatment.	\$2,125,000
Building Bridges Between Jails & Community-based treatment for Opioid Use Disorder	Prevent and reduce opioid overdose deaths.	\$93,750
Chicago-Cook County Breast Cancer Risk Identification, Screening, and Prevention (CCC-CRISP)	Breast Cancer Screening	\$100,000
Chicago Community Response Fund	Emergency Shelter for homeless COVID 19 patients	\$50,000
COVID-19 Community Collaboration Fund grant	COVID-19 Homeless Emergency Shelter and Health Care Access Initiative	\$20,000
IDOT Injury Prevention Program	Injury Prevention	\$138,767
Chicago Prevention and Intervention Epicenter II (CPIE-II) - COVID 19	To understand the frequency with which healthcare associated COVID-19 transmission occurs	\$71,344
DRW Foundation COVID 19	PPE Stockpile purchases	\$90,000

Research Dollars at Work in CCH – Snapshot 2020

Research Onboarding Facilitated for CCH Physicians

Clinical Area	Study Purpose	Amount	Status
Cardiology	Phase IV study of medication impact on lifestyle	\$38,960	Onboarded
Cardiology	Phase IV study of medication impact on cardiovascular disease	\$180,090	Pending
Endocrinology	Observational study of medication impact on eye disease	\$59,320+	Onboarded
Endocrinology	Phase III study of diabetes medication	\$350,000+	Pending
Infectious Disease	Covid-19 antibody study to develop vaccines and treatment	\$56,687	Onboarded
Infectious Disease	Covid-19 antibody study	\$749,290+	Onboarded
Infectious Disease	Test medications as Covid-19 treatment	\$385,572+	Onboarded
Infectious Disease	Collect biospecimens to test for Covid-19	\$53,250+	Pending
Pediatrics	RCT of premature birth outcomes	\$3,500	Pending
Plastic Surgery	Study of impact of new technique	\$125,800	Pending