

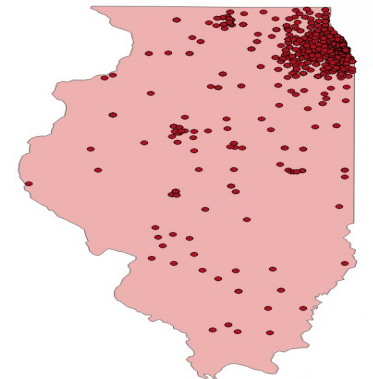
# UIC College of Pharmacy Intersection & Impact on Aging

Older Adult Services Advisory Committee (OASAC)

*State of Illinois, Illinois Department on Aging*

*August 22, 2022*

*Mike Koronkowski, PharmD, BCGP*



# Mission

## FIVE-POINT VISION



Provide unparalleled pharmacy education and training



Lead the nation in pharmaceutical research that impacts health



Be the epicenter of innovative pharmacy services



Advance the profession through leadership and advocacy



Foster a culture of excellence, collaboration, and inclusiveness

- to educate the current and next generation of pharmacists, pharmaceutical scientists, and pharmacy leaders;

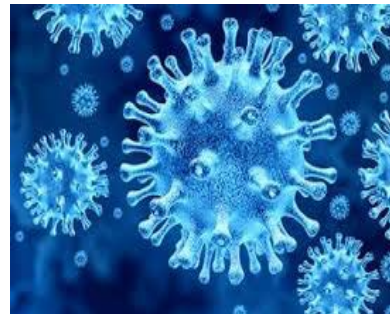
- to conduct impactful and cutting-edge research;

- to provide innovative patient care and serve our local, national, and global communities.



# FUN FACTS

- Navy Pier and the College of Pharmacy
- Pharmacognosy and the Morton Arboretum
- Medications Matter – BCG, Shingrix<sup>®</sup> Prezista<sup>®</sup>, Phexxi<sup>®</sup>



# Aging Programs & Partnerships



# Aging Program Impacts

## Efficacy rates FDA-approved vaccines

Polio	>95%
Tetanus	>95%
Smallpox	>95%
Meningococcal	85%
Human papillomavirus	80%
Pneumococcus (PPV23)	65%
Influenza vaccine	40%*
COVID-19 vaccine(s)?	?%

\*Illinois ranks 42/50 of states for influenza vaccination rate [41%]



Total COVID-19 vaccinations at UI Health in 2021



Dr. Younger Co-Developed COVID-19 Navigation Training Curriculum

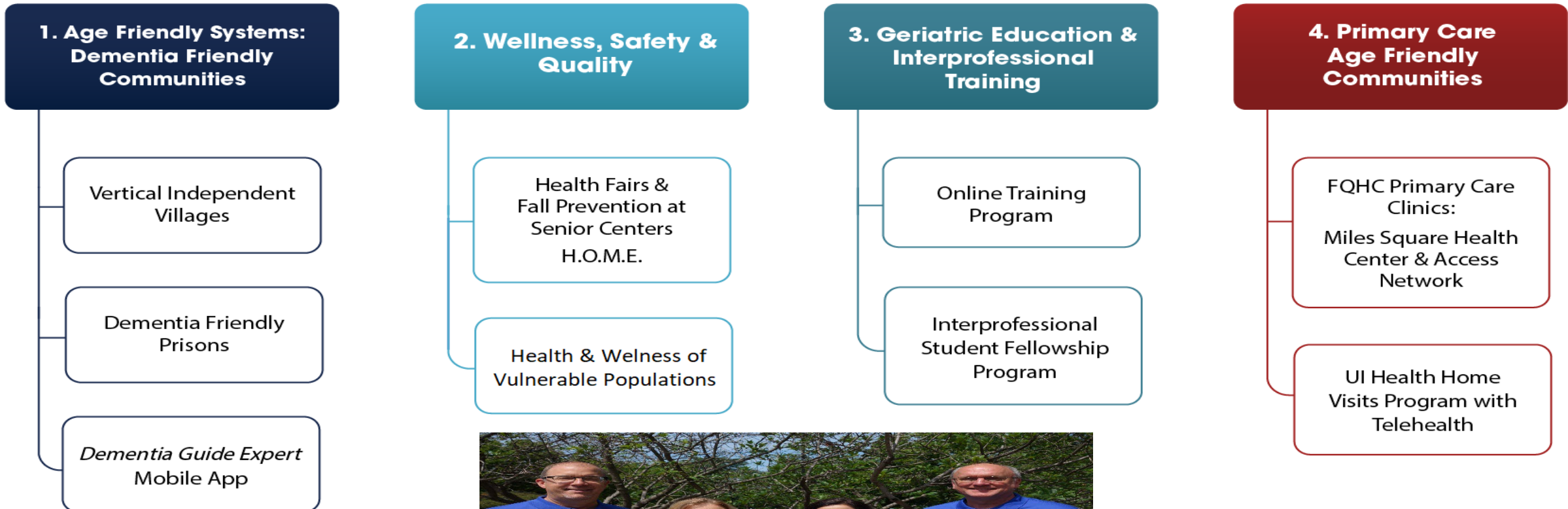
# HRSA Geriatrics Workforce Enhancement Program

HRSA # U1QHP28730



*Engage-IL 4 Primary Objectives and 9 Programs*

*Focused on the most vulnerable older populations*





# Dementia Friendly Buildings™

Collaborating with the City of Chicago, Age-Friendly Commission, we scaled up our Engage-IL program with the development and implementation of a city-wide **Dementia Training Program for building management** staff caring for older adult residing in their buildings... Creating Dementia Friendly Buildings which are age-friendly communities

## IMPACT:

Trained > 300 building managers/staff who engage with over 40,000 older adults

2020-2021 Transitioned to virtual webinar trainings due to COVID-19

2022 Transitioned to dedicated website with online training modules

NEW: Online Dementia Friendly Buildings training module for building management staff

<https://engageil.com/irb-building-managers/>

[engageil.com](https://engageil.com)



# ENGAGE-IL 2.0™

## Creating *Dementia Friendly Prisons*



Illinois Department of Corrections (IDOC) was exploring options for training prison Correction Officers to recognize and address the changing health care needs of older inmates

UIC Engage-IL developed a “Dementia-Friendly Training Program” for prison staff thereby creating IDOC “*Dementia-Friendly Prisons*”

Pilot: Taylorville Correctional Facility

*Transitioning to virtual training due to COVID-19*

*Cognitive Assessment of all older inmates – Stateville Correctional Facility*

[engageil.com](http://engageil.com)





# Create Age-Friendly Communities Transforming the Alzheimer experience with a **Mobile App** *Dementia Guide Expert*



Available in  
Spanish

*Guia Experta Sobre La Demencia*      치매 안내 전문가

**Download the FREE App now !!**

Available for iOS on Apple iTunes and for  
Android on Google Play

**IMPACT:**

**App downloads/views: > 74,800**

12 Countries: Australia, Brazil, Canada, China, Germany, Japan, Korea,  
New Zealand, Spain, Taiwan, U.K., U.S.



Available in  
Korean



See You Tube Video: <https://youtu.be/3RGjbBA7JLc>



Educate Interprofessional Healthcare Workforce with  
Online Technology and Student Fellowships



## Online Accredited Learning in Interprofessional Geriatrics (OALIG)<sup>TM</sup>



- Library of 27 Online geriatric training modules
- Our website ([engageil.com](http://engageil.com)) serves as a portal to our online program
- Modules offer Free continuing education credits to licensed professionals

### IMPACT

Total number of modules completed:

**42,567 modules completed!**

**• Averaging over 600 modules/month**





# Deliver Community Based Wellness Programs for Vulnerable Populations

## Senior Centers Wellness Programs (including health screenings)

Delivered in collaboration with community partners at 17 Senior Centers throughout Chicagoland. Hundreds of Seniors screened for high-risk medications, fall risk, hypertension, depression and cognitive impairment. IMPACT: > **200 older adults/per month** (pre-COVID-19)



## Training Interprofessional Primary Care Professionals at FQHC clinics

- Trained staff on *Medicare Annual Wellness Visits-The 4Ms* [What Matters; Medication; Mentation; Mobility] screening program and a Falls Prevention program
- Dedicated “AWV” clinic days scheduled
- Established Mile Square as a nationally certified “*Age-Friendly Action Community*”





# Optimizing care for **homebound** older adults through Home Visits

Developed evidence-based protocol for increasing Medicare Annual Wellness Visits and 4M health screenings

## “E-Visits”

- 141 # of patient telehealth “E-Visits”
- 64 # Telehealth “E-Visits” using telehealth platform (virtually) (CPT Codes: 99212, 99213, 99215)
- 29 # Screenings COVID-19
- 940 # of patient telehealth “E-Visits” (extracted Medicare & Medicare Managed Care data)



## Virtual Check-In” with **home monitoring devices**

N= 29 homebound patients on home monitoring devices

- 1,871 days of reading (# Virtual check-ins with home monitoring devices (blood pressure, weight, blood glucose, pulse oximeter, heart rate)

○ Average readings per month = 18.71

● 162 # Telephone visits



Educate Interprofessional Healthcare Workforce with  
Online Technology and Student Fellowships

# Scholars & Leaders in Interprofessional Geriatrics

Summer course for six health professions colleges  
[Medicine, Nursing, Pharmacy, Public Health, Social  
work, Allied Health Sciences]

Successful course development and implementation  
since 2016

84 students completed the course thus far

Preparing the future health workforce in interprofessional  
teams to be leaders, scholars, advocates and change  
agents

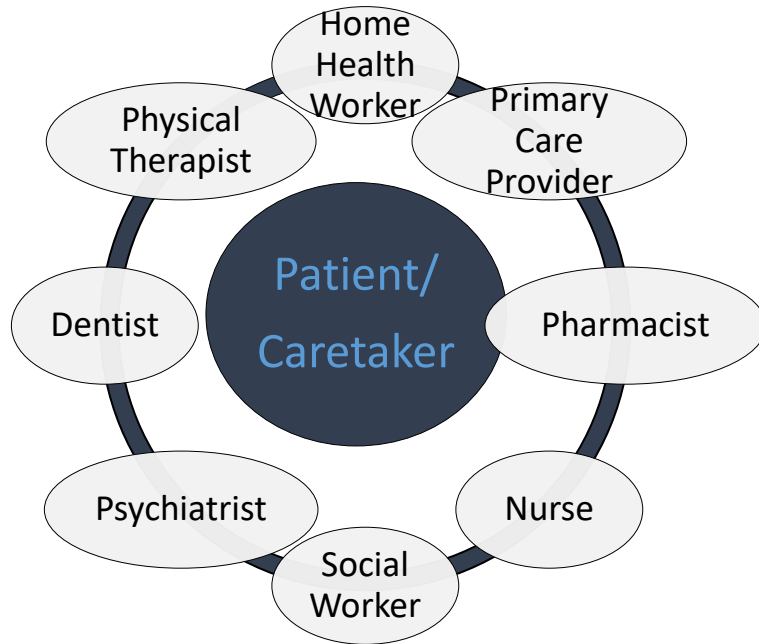


# Aging Program Impacts-Opioids

SAFE-HOME  
OPT-OUT

Mental Health  
Parity – OUD/SUD

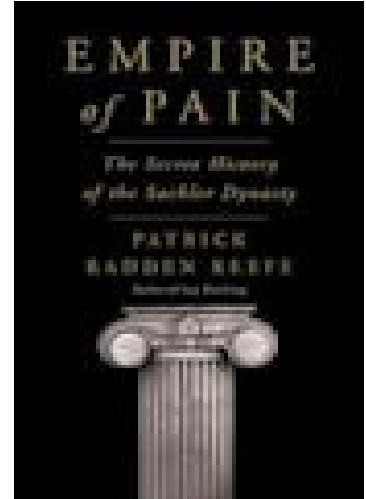
Academic Counter-  
Detailing



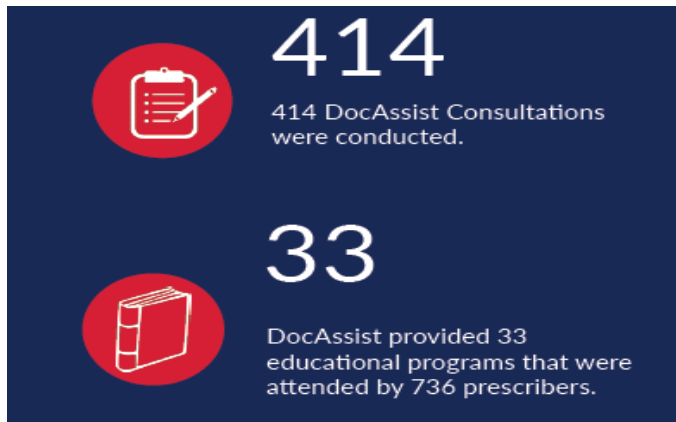
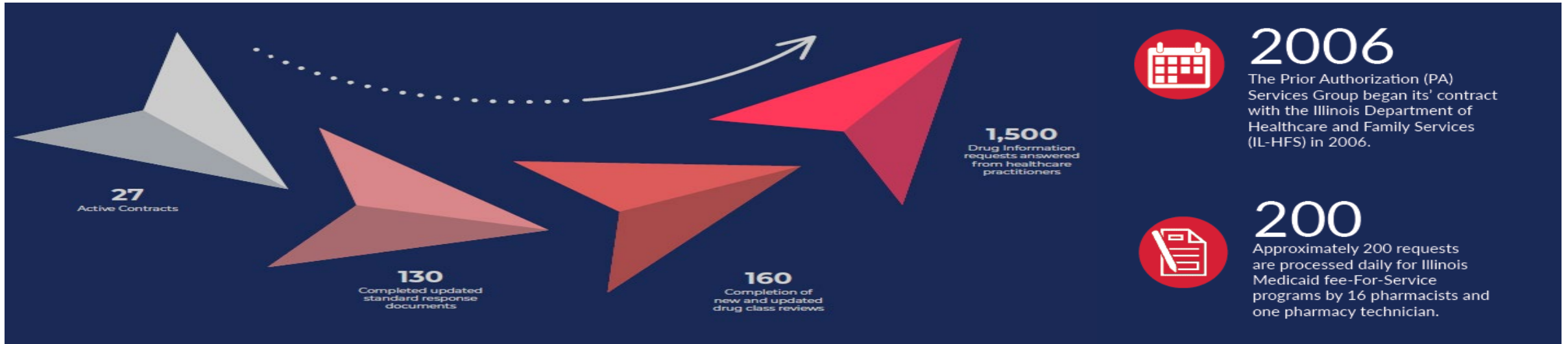
**38 people died  
everyday from an  
overdose involving  
a Rx opioid**



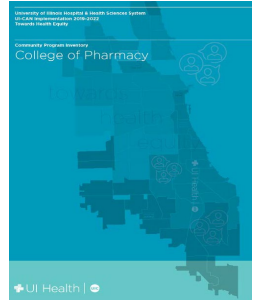
**32%** of all  
opioid overdose  
deaths involve a  
prescription opioid.<sup>2</sup>



# State and Policy Impact



# Community Inventory & Impact



①

## Addressing social and structural determinants of health

89 programs  
10 programs

②

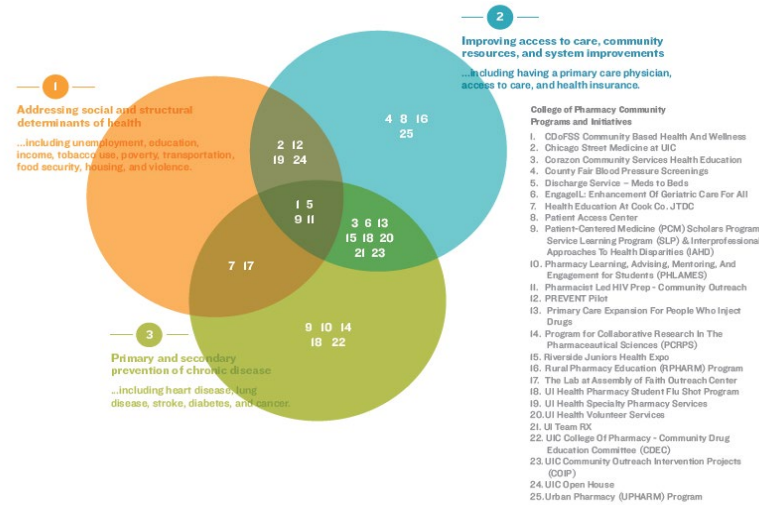
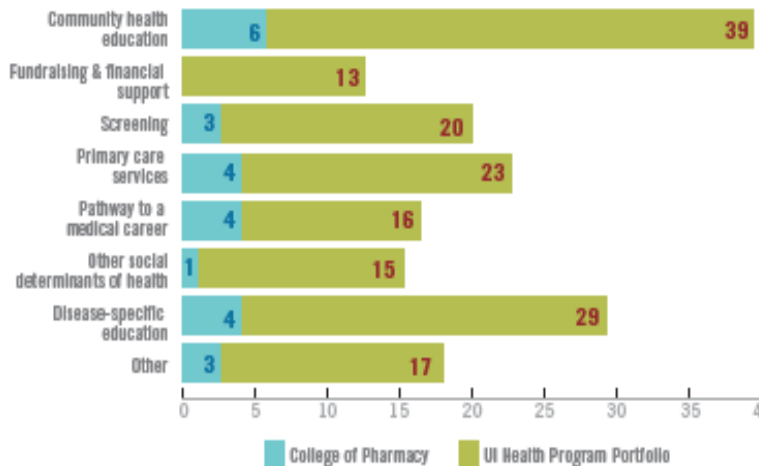
## Improving access to care, community resources, and system improvements

118 programs  
21 programs

③

## Primary and secondary prevention of chronic disease

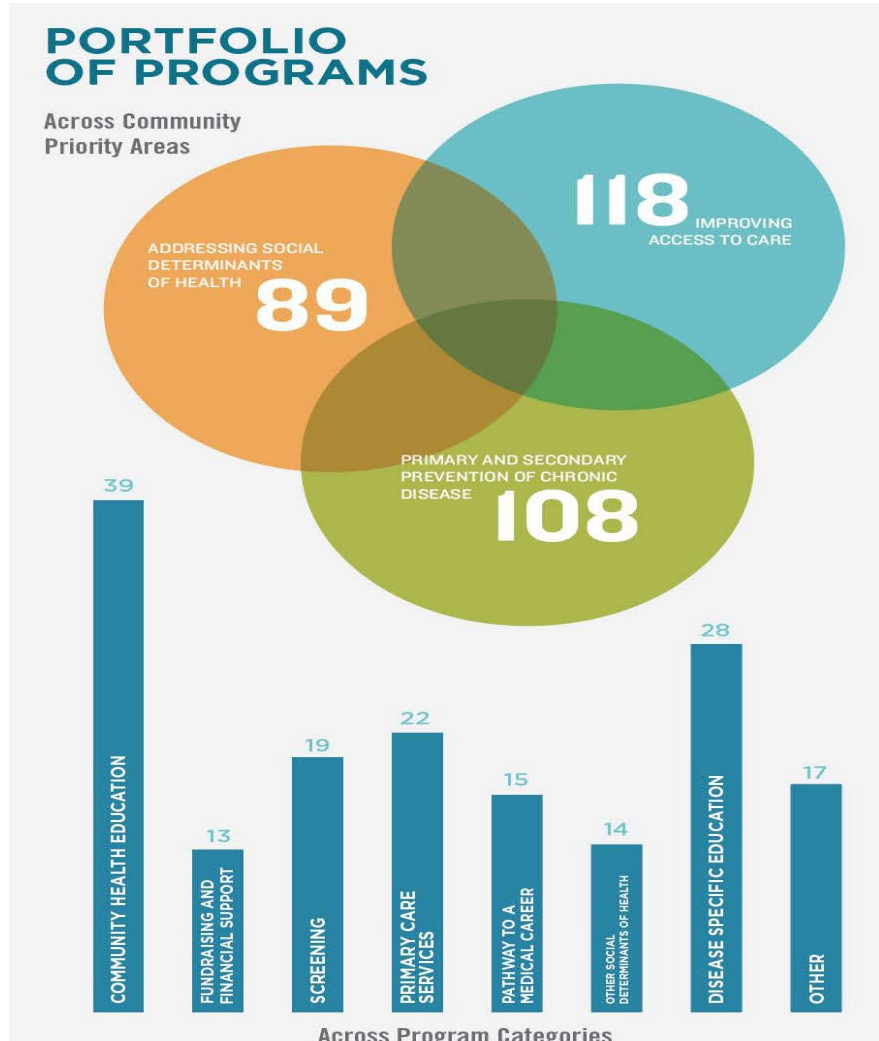
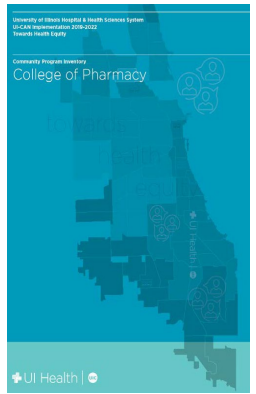
108 programs  
18 programs



The College of Pharmacy



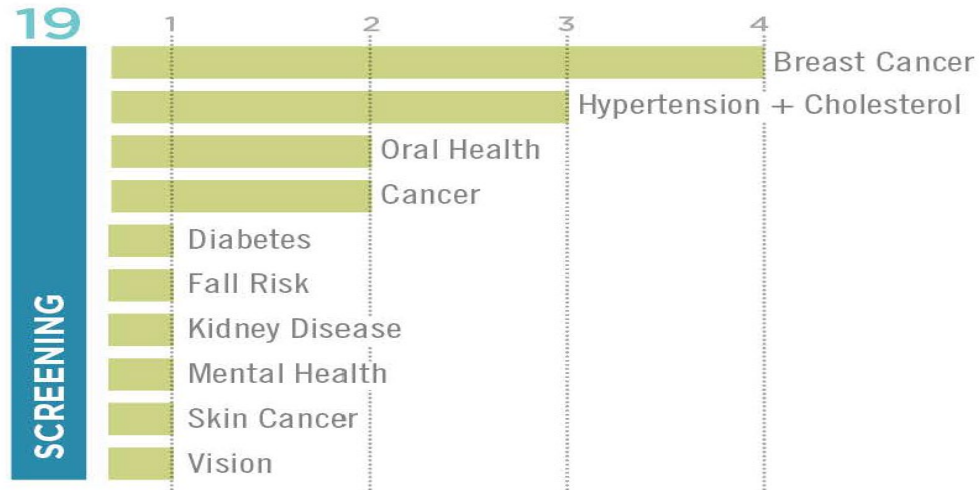
# Community Inventory & Impact

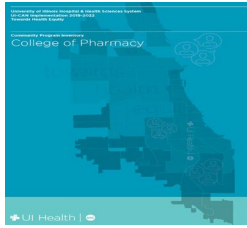


## POPULATIONS SERVED

Number of programs

- 37 Economically Disadvantaged
- 34 Chronic Conditions
- 13 Racial / Ethnic Minorities
- 8 Disabled
- 5 Un/Underinsured
- 5 Seniors
- 3 Homeless
- 2 HIV+





UNIVERSITY OF ILLINOIS CHICAGO

# UIC College of Pharmacy



**25%** FIRST-GENERATION COLLEGE STUDENTS



**25%** UNDERREPRESENTED MINORITIES



**30** UNIQUE LANGUAGES SPOKEN



# Comments and Questions