“to respond to priority needs of New Mexico’s communities in the realm of the social determinants of health.”

Meetings in 2017 will be held monthly on the fourth Friday @ 10:00a
Central Corridor Neighborhood Study

Toward equitable + health-promoting TOD

With support from the City of Albuquerque, Economic Development Department
Overarching Goal of the CCNS

To produce information that help us understand the potential for change in Central Corridor neighborhoods to empower public and private sector actors to organize and ACT (with policies and interventions) toward equitable and healthy transit-oriented development (TOD)
It Takes a Village: the UNM CCNS Team

Faculty:
Renia Ehrenfeucht
Serge Martinez
Sara Osborne
Michaele Pride
Alex Webb
Moises Gonzales
Michelle Negrette
Alf Simon

Research Assistants:
Jessica Carr
Beth Elise Forman
Cynthia Jacobs
Nikolas DiDonato
It Takes a Village: CCNS Partners

CABQ TOD + CCNS Partners:
Dierdre Firth, Economic Development
Brian Reilly, Economic Development
Michelle Negrette, Strata Design
Dan Majewski
Tom Scharmen, NM Dept of Health

+ Countless community residents,
UNM SAP students, community organizations...and growing!
CCNS Process

Starting with the Healthy Communities Assessment Tool (HCAT) developed by HUD

Review principles for healthy communities and equitable development

Gather and map data around key indicators / social and built determinants of health

In progress:

Community engagement to verify and supplement data and to identify priorities
Disparities in health outcomes are correlated to built environment resources
Life expectancy

Your zip code tells more about our health / life expectancy than your genetic code.

Longer lifespans correlate with higher incomes, by community.
POTENTIAL HEALTH OUTCOMES ASSOCIATED WITH OBESITY

OBESITY

- High blood pressure
- Cancer
- Colon and rectum
- Breast (after menopause)
- Endometrium
- Gallbladder
- Kidney

HEART DISEASE

- Stroke
- Fatty liver disease
- Osteoarthritis
- Pregnancy problems
- Sleep apnea
- Type 2 diabetes
- Kidney disease

https://www.niddk.nih.gov/health-information/health-topics/weight-control/health-risks-being-overweight/Pages/health-risks-being-overweight.aspx

Diagram created by Cynthia Jacobs, UNM SAP
Built environment interventions can contribute to quality of life, health and wellbeing
While much health work is focused on the individual, upstream factors have a powerful influence on health outcomes.

4 station area communities

Atrisco
Old Town
University
International District
Focus on 4 station area communities
Atrisco
Gateway to the westside

Maintains agricultural character + identity

Highest rate of home ownership, with lowest home prices

Long term residents; attachment to place
Acequias connect us to water, culture, and each other
Old Town
Home to major tourist destinations
Original European settlement in Albuquerque
Large renter population
Home to UNM, CNM, and major medical centers

- Large, low-income student population, with high rental turnover.
- Affluent homeowners, with high educational attainment.
- Lots of alcohol retailers, surface parking, and fast food.
International District

Threshold neighborhoods are home to people from around the world

- #1 in childhood risk index.
- Concentrated poverty
- One of the most diverse zip codes in NM.
- Engaged grassroots action through IDHCC.
- Parks & recreation facilities
- Cultural & Community facilities
Community Map: INTERNATIONAL DISTRICT

Park Amenities
- Open Play Area
- Shade Structures
- Football Field
- Open Green Space
- Mature Trees
- Trails and Paths
- Seating

Complementary Protective Factors
- Landscaping
- Wooded Area
- Views of the Sandias
- Accessible Sidewalks
- Police Station On Site
- Traffic-Calming Feature (e.g., Speed Hump)

PUBLIC REALM - Phil Chacon Park

The Central Corridor Neighborhood Study by UNM
Using the HCAT to focus our research
High Priority Domains, by Community (per HCAT indicators)

<table>
<thead>
<tr>
<th>Domain</th>
<th>ATRISCO</th>
<th>OLD TOWN</th>
<th>UNIVERSITY</th>
<th>NOB HILL</th>
<th>LOUISIANA</th>
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</table>
3 focus domains

Key environmental needs and promising practices for health-promoting TOD interventions

- Public Spaces
- Housing Environments
- Food Environments
Healthy Public Spaces

- Reduce heat island effect
- Improve facilities for active transportation and accessibility
- Improve level of and access to public transit

Address: safety, asthma, obesity, diabetes, heart disease, social cohesion, emotional wellbeing

---
Childhood obesity rates are associated with food insecurity and food swamps.
Improve comfort for active living

Address: Ped+Bike safety, obesity, diabetes, heart disease, carbon emissions, water quality, floods

Complete Streets
Low-Impact Development (LID)
Trees
Streets as places. Truly complete streets support active living, social interaction, and environmental resilience.
Context Map: ALBUQUERQUE NM

Legend

- ART Route
- Community Boundaries

Pedestrian Involved crashes, All New Mexico 2010-2014
- Fatalties
  - More than 1 killed
  - 1 killed
  - 0 killed

Bicycle Involved crashes, All New Mexico 2010-2014
- Bicycle Involved Crashes, All New M
  - Fatal Crash
  - Injury Crash
  - Property Damage Only Crash

Motor Vehicle Involved crashes, All New Mexico 2010-2014
- High
- Low

TRANSPORT - Crashes: Pedestrian, Bicycle and Motor Vehicles. 2010-2014

The Central Corridor Neighborhood Study by UNM

R-2.6
Increase access to nature

Address: heat island, access to recreation, active living, social cohesion, obesity, heart disease

Add parks in high need / low income areas

Improve quality + safety of walk/bike paths to parks + open space

Complete Streets, with Arid-LID
COMPLETE STREETS: cars, transit, peds, bikes, shade, & stormwater management

Lyon, by Gautier+Conquet Architectes
ABQ ParkScore is good [65]*
But many areas lack convenient access to parks + open space

*#17 of top 100 US cities
83%

Of all Albuquerque residents—by income and age group—live within a 10-minute walk of a public park.

High need areas indicated in University and International Districts.

Source: Parkscore.tpl.org
Tree canopy reduces urban heat island effect, which is a risk factor for asthma and physical activity.
ENVIRONMENTAL QUALITY - Asthma by Zip Code

The Central Corridor Neighborhood Study by UNM
A Healthy Housing Environment

- Revitalization without gentrification
- Track neighborhood change
- Ensure people can stay put
- Improve quality of existing housing stock
- Increase affordable and fair housing along the corridor
- Support local businesses and business owners

Address: childhood asthma, lead + asbestos, energy costs, maintenance costs, H+T, neighborhood stability, emotional wellbeing
Most corridor neighborhoods have greater than average poverty rates.
Context Map: ALBUQUERQUE NM

RESIDENTIAL - Rent 35% or More of Household Income

The Central Corridor Neighborhood Study by UNM
Form-Based Codes

Reduce barriers to new affordable rental housing in ways that retain neighborhood character.

Tied to incentives to provide affordable housing through allowing density bonuses.

From the Codes Study by Placemakers
A Healthy Food Environment

quality + access + affordability

- Improve/expand healthy food options
- Support community gardens
- Improve walkability, bikeability, accessibility

Address: food insecurity, obesity, diabetes, heart disease, childhood risk
Most corridor neighborhoods have greater than average poverty rates
Healthy Corner Stores

Partnering with corner stores is an effective strategy to improve healthy food access in underserved communities.

HCS Initiatives provide support and training for store owners.

Source: Strada
Equality doesn’t mean Equity.
Next Steps

Community Engagement for ACTION

- Story Maps!
- Community Action Forums
- Healthy TOD Tool Kit

...More funding?