Dedicated to dramatically improving the health and well-being of all people and communities of Western North Carolina
Antony Chiang, JD
Chief Executive Officer
Dogwood Health Trust
WE WANT TO HEAR FROM YOU!
Panelists

Rocco Perla, EdD
Founding Partner
The Health Initiative

Rebecca Onie, JD
Founding Partner
The Health Initiative

Elizabeth Cuervo Tilson, MD
State Health Director
Chief Medical Officer
Department of Health and Human Services
Rebecca Onie, JD
Rocco Perla, EdD

Founding Partners
The Health Initiative
The US Spends More on Healthcare for Less Value

<table>
<thead>
<tr>
<th>Country</th>
<th>Life Expectancy at Birth, 2013 (age)</th>
<th>Infant Mortality, 2013 (per 1000 live births)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Japan</td>
<td>83.4</td>
<td>2.1</td>
</tr>
<tr>
<td>Switzerland</td>
<td>82.9</td>
<td>3.9</td>
</tr>
<tr>
<td>Germany</td>
<td>80.9</td>
<td>3.3</td>
</tr>
<tr>
<td>Australia</td>
<td>82.2</td>
<td>3.6</td>
</tr>
<tr>
<td>Sweden</td>
<td>82.0</td>
<td>2.7</td>
</tr>
<tr>
<td>Norway</td>
<td>81.8</td>
<td>2.4</td>
</tr>
<tr>
<td>Canada</td>
<td>81.5</td>
<td>4.8</td>
</tr>
<tr>
<td>Netherlands</td>
<td>81.4</td>
<td>3.8</td>
</tr>
<tr>
<td>New Zealand</td>
<td>81.4</td>
<td>5.2</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>81.1</td>
<td>3.8</td>
</tr>
<tr>
<td>Germany</td>
<td>80.9</td>
<td>3.3</td>
</tr>
<tr>
<td>Denmark</td>
<td>80.4</td>
<td>3.5</td>
</tr>
<tr>
<td>United States</td>
<td>78.8</td>
<td>6.1</td>
</tr>
<tr>
<td>OECD median</td>
<td>81.2</td>
<td>3.5</td>
</tr>
</tbody>
</table>


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Where Would You Invest for Health? Charlotte, NC

African American Democrat Women

White Republican Women

Source: Polling by Health Leads/The Health Initiative, with Public Opinion Strategies on August 23, 2017
Where Would You Invest for Health? NC Voters Agree

- **African American Democrat Women**
  - Charlotte, NC

- **White Republican Women**
  - Charlotte, NC

- **African American Mixed Gender Democrats**
  - Raleigh, NC

- **Mixed Gender Middle Income White Republicans**
  - Raleigh, NC

- **Lower Income White Democrat Women**
  - Hendersonville, NC

- **Mixed Gender White Republican Seniors**
  - Hendersonville, NC

Source: Polling by Health Leads/The Health Initiative, with Public Opinion Strategies on August 23, 2017
Where Would You Invest for Health? NC Physicians Agree

Source: Focus groups conducted by The Health Initiative with the North Carolina Medical Society in Feb 2019
Healthcare vs. Health

% families w/ very low food security

Recession

Healthcare

Health


Very low food security = Reports of multiple indications of disrupted eating patterns and reduced food intake.
Opioid Epidemic: Asking Different Questions

# Opioid Hospitalizations Per 100K

- 3 NC counties with highest opioid hospitalization rates: 93.2
- 3 NC counties with lowest opioid hospitalization rates: 19.2

Average Weekly Wages

- 3 NC counties with highest opioid hospitalization rates: $696
- 3 NC counties with lowest opioid hospitalization rates: $1,077

Source: NC DHHS; Bureau of Labor Statistics
Elizabeth Cuervo Tilson, MD

State Health Director and Chief Medical Officer
Department of Health and Human Services
NC Department of Health and Human Services

All North Carolinians should have the Opportunity for Health

Elizabeth Cuervo Tilson, MD, MPH
State Health Director/Chief Medical Officer
• Incorporate Health (not just healthcare) across unified agenda

• Align and partner creatively

• Develop shared infrastructure and tools that can be leveraged by communities
Priority Domains

- Food Security
- Housing Stability
- Transportation
- Interpersonal Violence
- Employment
- Toxic Stress/Early Brain Development
## Infrastructure and Initiatives

<table>
<thead>
<tr>
<th>Service</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hot Spot Map</strong></td>
<td>• Guide strategic investment in communities</td>
</tr>
<tr>
<td><strong>Screening Questions</strong></td>
<td>• Identify needs more consistently</td>
</tr>
<tr>
<td><strong>NCCARE360</strong></td>
<td>• Knit together health care and social services</td>
</tr>
<tr>
<td><strong>Workforce</strong></td>
<td>• Develop “health” work force (e.g., Community Health Workers, Permanent Supportive Housing)</td>
</tr>
<tr>
<td><strong>Medicaid</strong></td>
<td>• Buy Health through Medicaid Transformation and Healthy Opportunity Pilots</td>
</tr>
<tr>
<td><strong>Aligning Enrollment</strong></td>
<td>• Coordinate enrollment across programs e.g., Medicaid, WIC, SNAP</td>
</tr>
</tbody>
</table>
Strategic Investment

North Carolina Social Determinants of Health by Regions

Overview

<table>
<thead>
<tr>
<th>Social and Neighborhood</th>
<th>Economic</th>
<th>Housing and Transportation</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; HS Diploma</td>
<td>Household Income</td>
<td>Living in Rental Housing</td>
</tr>
<tr>
<td>Households with Limited English</td>
<td>Poverty</td>
<td>Paying &gt;30% of Income on Rent</td>
</tr>
<tr>
<td>Single Parent Households</td>
<td>Concentrated Poverty</td>
<td>Crowded Household</td>
</tr>
<tr>
<td>Low Access to Healthy Foods</td>
<td>Unemployed</td>
<td>Households without a Vehicle</td>
</tr>
<tr>
<td>Food Deserts</td>
<td>Uninsured</td>
<td></td>
</tr>
</tbody>
</table>
Social and Neighborhood Resources

People with higher incomes, more years of education, and who live in a safe environment have better health outcomes and generally have longer life expectancies (1). Persons without a high school diploma, non-English speaking households, single-parent households and limited access to healthy food are key social and neighborhood indicators.

- Percent with No High School Diploma
- Percent of Households Speaking Limited English
- Percent Single Parent Households
- Low Access to Healthy Foods
- Food Deserts

Turn All Layers Off
Align and Partner Creatively

**NCCARE360** is the first statewide coordinated network that includes a robust repository of shared resources and a shared technology platform to connect healthcare and human services providers together to collectively provide the opportunity for health to North Carolinians.

**NCCARE360 Partners:**

- Foundation for Health Leadership & Innovation
- NCDHHS
- United Way
- United Way of North Carolina
- Expound
- UNITE US
North Carolina’s Vision for Medicaid Managed Care

“To improve the health of North Carolinians through an innovative, whole-person centered, and well-coordinated system of care that addresses both the medical and non-medical drivers of health.”
Buy Health within Medicaid Managed Care

Care Management for the whole person

Address 4 Priority Domains:
- Housing
- Food
- Transportation
- Interpersonal Violence/Toxic Stress

Quality Strategy accountable for population health

Financial Tools that promote buying health

Healthy Opportunity Pilots that will evaluate the impact of using Medicaid dollars to pay for non-medical services (e.g., food, housing support)
THE RESULTS ARE IN!
your
TOP FIVE
For more information and access to the material presented today please visit www.dht.org
Community