What We Do

Build Interactive Accessible Tools
- PARTNER
- PCN (Person-Centered Network) App

Design and Conduct Systems Evaluation
- KIDS COUNT Grantee Network (Annie E Casey Foundation)
- Baltimore Integration Partnership (Annie E Casey Foundation)
- STRYVE – Youth Violence Prevention (CDC)
- Early Childhood Systems Building (CO Trust/CDPHE)

Specialize in Measurement & Research
- Hospital Investment in Public Health Systems (RWJF)
- Impact of Personal Networks on Health and Well-Being

Build Capacity
- Network Leadership Training Academy
- Webinar Series: Network Leadership from the Field
- TA in Building Managing & Evaluating Effective Networks

Community Based Participatory Research (CBPR)
Translating Data to Practice

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### THE NETWORK WAY OF WORKING

<table>
<thead>
<tr>
<th>FROM</th>
<th>TO</th>
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<tbody>
<tr>
<td>Operational planning</td>
<td>Strategic Planning</td>
</tr>
<tr>
<td>Focus on the agency</td>
<td>Focus on community &amp; entire public health system</td>
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<tr>
<td>Needs assessment</td>
<td>Emphasis on assets and resources</td>
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<tr>
<td>Medically oriented model</td>
<td>Broad definition of health</td>
</tr>
<tr>
<td>Agency knows all</td>
<td>Everyone knows something</td>
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Graphic from NACCHO (MAPP website):
http://www.naccho.org/topics/infrastructure/MAPP/index.cfm
Network leadership is a model to help people who are part of cross-sector community efforts learn how to build, manage, and evaluate effective networks.
HOW DOES NETWORK SCIENCE TRANSLATE TO PRACTICE?

Network leadership is a framework to help people who are part of cross-sector community efforts learn how to build, manage, and evaluate effective networks.
Principle: More is Not (Always) Better

You can manage relationships, but you need data to do it.
Evolution of a Community Network

Creating Network Ties

Connecting the Network: No Isolates

Increasing Density

Creating Subgroups

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Ok, but does this work in “real life”?

Planning a Wedding…
Evaluating Networks Using Social Network Analysis

What kinds of tools can I use to do network analysis?
What can we learn by asking questions from a network analysis perspective?
Social Network Analysis

- Collects data on who is connected to whom
- How those connections vary and change
- Focus on patterns of relations

- **Nodes** (People, Orgs, Etc)
- **Lines** (Relationships)
PARTNER Framework for Network Evaluation

**Interrelationships:**
The structure of how network members are connected

**Attribution:**
Explaining the Formation and Evolution of Ties

**Perceptions:**
Understanding how members perceive relationships such as value of partnering

**Agreement:**
The degree to which network members are “on the same page”

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For example, the PARTNER Quality Improvement Methodology

1. Identifying the ideal network
2. Measuring the actual network (using SNA/PARTNER)
3. Identifying the gap between the actual and ideal network
4. Creating action steps to get closer to the ideal network

Evaluation Examples
PARTNER
Program to Analyze, Record, and Track Networks to Enhance Relationships
www.partnertool.net
Who Uses PARTNER?

- Practitioners, Evaluators, Researchers
- Over 1100 Communities Completed
- Each user represents a community coalition/group (e.g. Emergency Preparedness/Response, Healthy Living, Tobacco Prevention, Cancer Control, Chronic Disease Prevention, Suicide Prevention, etc.)
WONDERBabies

System of Care for Babies and Young Children With Special Healthcare Needs
System of Care for Babies & Young Children With Special Healthcare & Developmental Needs

723 Partnerships
450 Organizations

Centralization = 3%
Trust = 75%
Density = 1%

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Mental Health Agencies
County EgoNets

Adams/Arapahoe/Douglas

Weld
Family Blueprint Shows a Fragmented System

A Family Map Example

All the different persons with whom the family need to relate.
(The twin girls were born prematurely with multiple complications.)

Please Note: Arrows are only beginning examples. Imagine them all filled in!

OUR FAMILY

Michelle
Tanya
Mom/Cindy
Dad/Stephen

Extended family:
Grandmas,
Grandpas,
Aunts/Uncles,
Cousins,
Et al!

Community Centered Board Infant/Toddler Services
Service Coordinator-
Nancy
Family Support $-$April
Model 2004- Holbert
OT-Alex, PT-Zach,
Speech-Shara

Church supports:
Pastor,
Nursery/Baby sitter/HouseHelp Volunteers

Children's Hospital

The Aduts

Occupational T-Susan
Physical T-Linda
Speech T-Lynne
Respiratory T-Jean

Children's Home Care

Ning, Hua/Anne
C. Stacey/Judy, et al!

Surgeon
Dr. Huang/Williams

ENT
Dr. Blackman

Special Care
Service Coordinator- COMM. N.
Physician Assistant- LouAnn
Nurses: Beth, Shania, Gay, Tanya, Betty, Sandy

Neighborhood
Maxine, Jo

Powell County Resources

Social Needs
Nurses- Jan/Betty, Kirt C
Contacts
Kathy F.
Twins Club: Denise, Pauline, Jo

Anchor Center
Visual Therapy

Community Centered Board Infant/Toddler Services
Service Coordinator-
Nancy
Family Support $-$April
Model 2004- Holbert
OT-Alex, PT-Zach,
Speech-Shara

Insurance
HIS: Utilization
Manager-Marianne S.

New Born Center

Neonatologist
NPN
Nurses
Respiratory Therapist

Rose Medical Center
Neonatologists
NPN
Systems vs. Family Networks

SYSTEM NETWORK

PATIENT NETWORK

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Question: Why do we expect people to fit into the system? Why don’t we expect the system to fit around people?

Hypothesis: If the system is coordinated, then this is reflected in the personal networks of families.

Outcome Measure: When 100% of families say their personal networks are coordinated, then we know the system is working.

First

Understand personal support networks and needs

Then

Build an adaptive system to respond to variations
PCN

Person Centered Network App

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What We’ve Built

A tool to assess the strengths and gaps in a person’s personal support network, allowing providers to use the information to make a personalized assessment of a person’s needs for connection to community and systems resources to improve their mental wellness.

PCN Person Centered Network App
Question type: 1
Mike Cooper

Q1. Do you live alone?
Q2. What animals do you own?
Q3. Additional comments

Type 4 Questions
Mike Cooper

Question 2:
Connect people who talk at least once a week

Who helps you when you need support?

What do you need, but have trouble finding?
Type 4 Questions
Mike Cooper
Question 2:
Connect people who talk at least once a week
Pilot Testing: What did we learn?

People are getting connected to more individualized resources.

We are developing validated measures of social connectedness.

Providers are all-in in because this gives them a new way to understand their patients.

The data will advance the science on how social supports affect mental health outcomes.

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We are also discovering the other ways we can apply this – FOR KIDS!
<table>
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<tr>
<th>Event</th>
<th>Details</th>
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| **Webinar**-October 26, 1:00pm EST | Effective Practices for Building & Sustaining Networks  
Presenter: Jenna Bannon, Denver’s Early Childhood Council |
| **PARTNER Tool Workshop** | Evaluating Cross-Sector Community Networks  
October 18-19, 2017, Denver  
Learn to collect, analyze, & translate network data into practice  
http://partnertool.net/fall-partner-workshop/  
Register by September 22 for early registration rates |
| **Network Leadership Training Academy** | May 16-18, 2018  
Build, Manage, and Evaluation Effective Networks  
www.networkleader.org |
STAY CONNECTED:

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www.networkleader.org

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