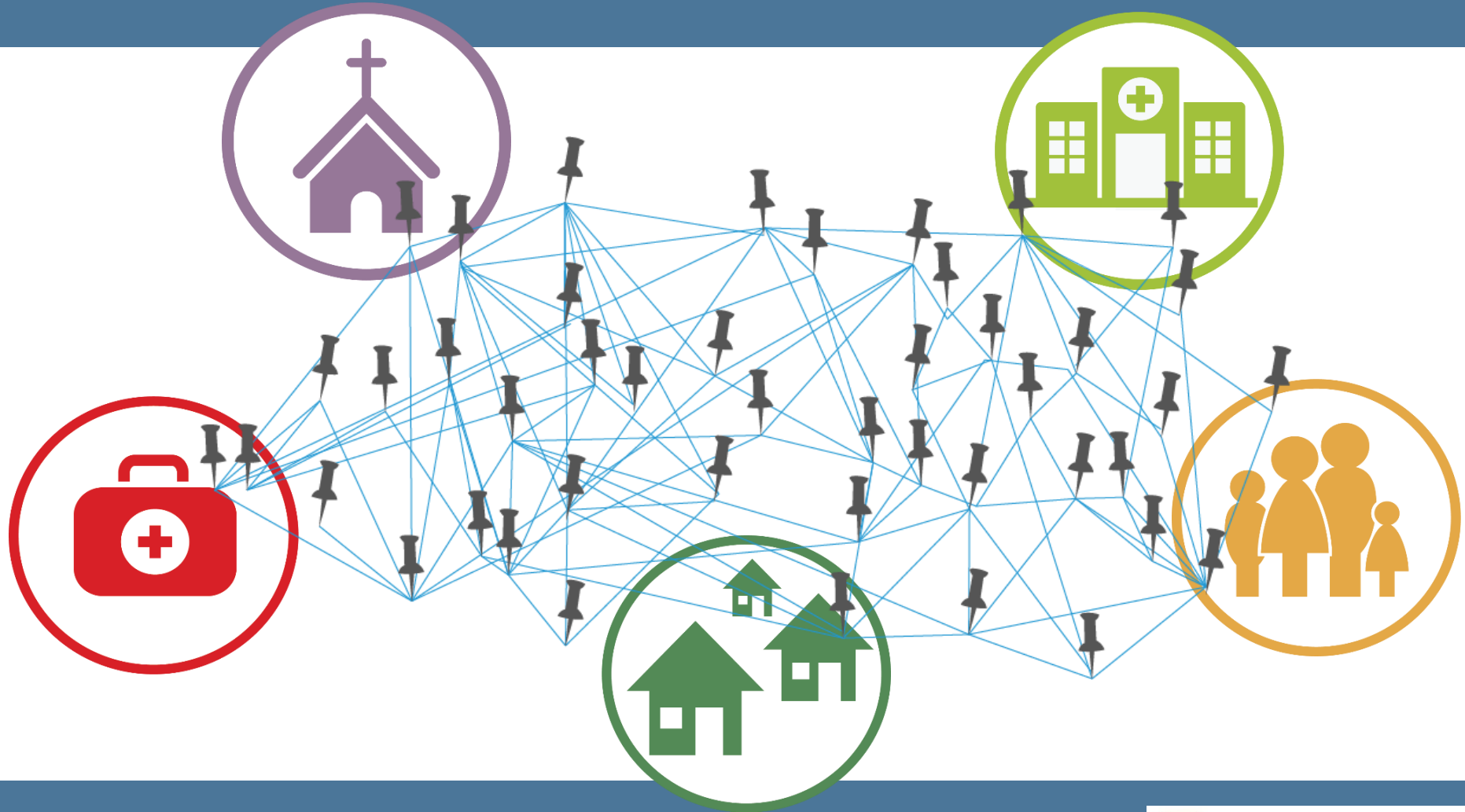


Social Network Analysis

APPLICATIONS FOR EVALUATION and LEADERSHIP



Danielle Varda

Danielle.varda@ucdenver.edu

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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

THE NETWORK WAY OF WORKING

FROM	TO
Operational planning	Strategic Planning
Focus on the agency	Focus on community & entire public health system
Needs assessment	Emphasis on assets and resources
Medically oriented model	Broad definition of health
Agency knows all	Everyone knows something

Graphic from NACCHO (MAPP website):

© PARTNER Tool

<http://www.naccho.org/topics/infrastructure/MAPP/index.cfm>

WHAT IS NETWORK LEADERSHIP?

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.

SAVE THE DATE

6th Annual
Network Leadership Training Academy
Build, Manage, and Evaluate Effective Networks

May 16-18 2018
Denver, CO

A training for network managers and leaders to learn how to build, manage, and evaluate effective inter-organizational and community networks.

Registration Opens January 2018
For more information: www.networkleader.org



Center on Network Science
SCHOOL OF PUBLIC AFFAIRS
UNIVERSITY OF COLORADO **DENVER**

WWW.NETWORKLEADER.ORG

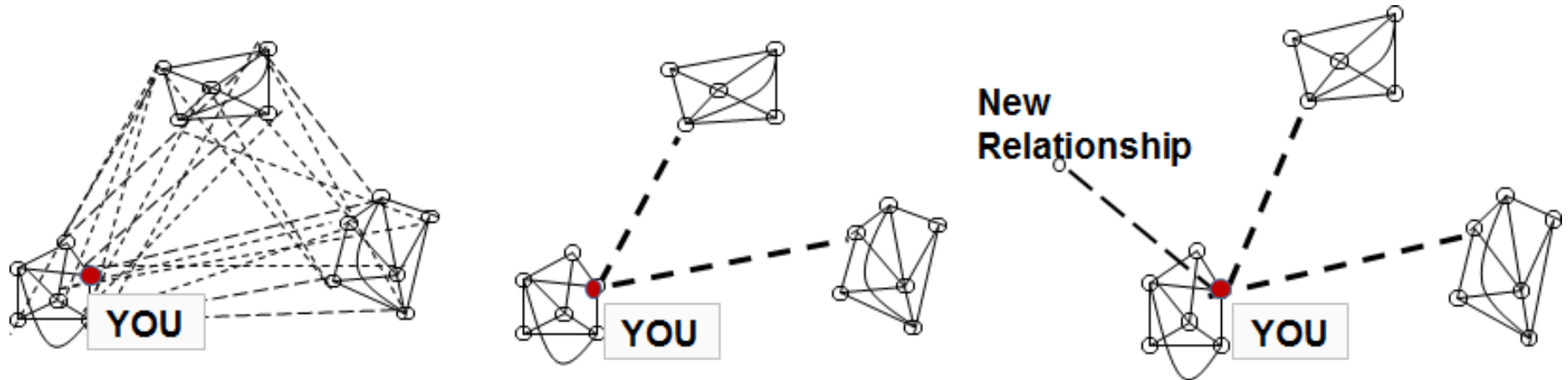
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HOW DOES NETWORK SCIENCE TRANSLATE TO PRACTICE?

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.

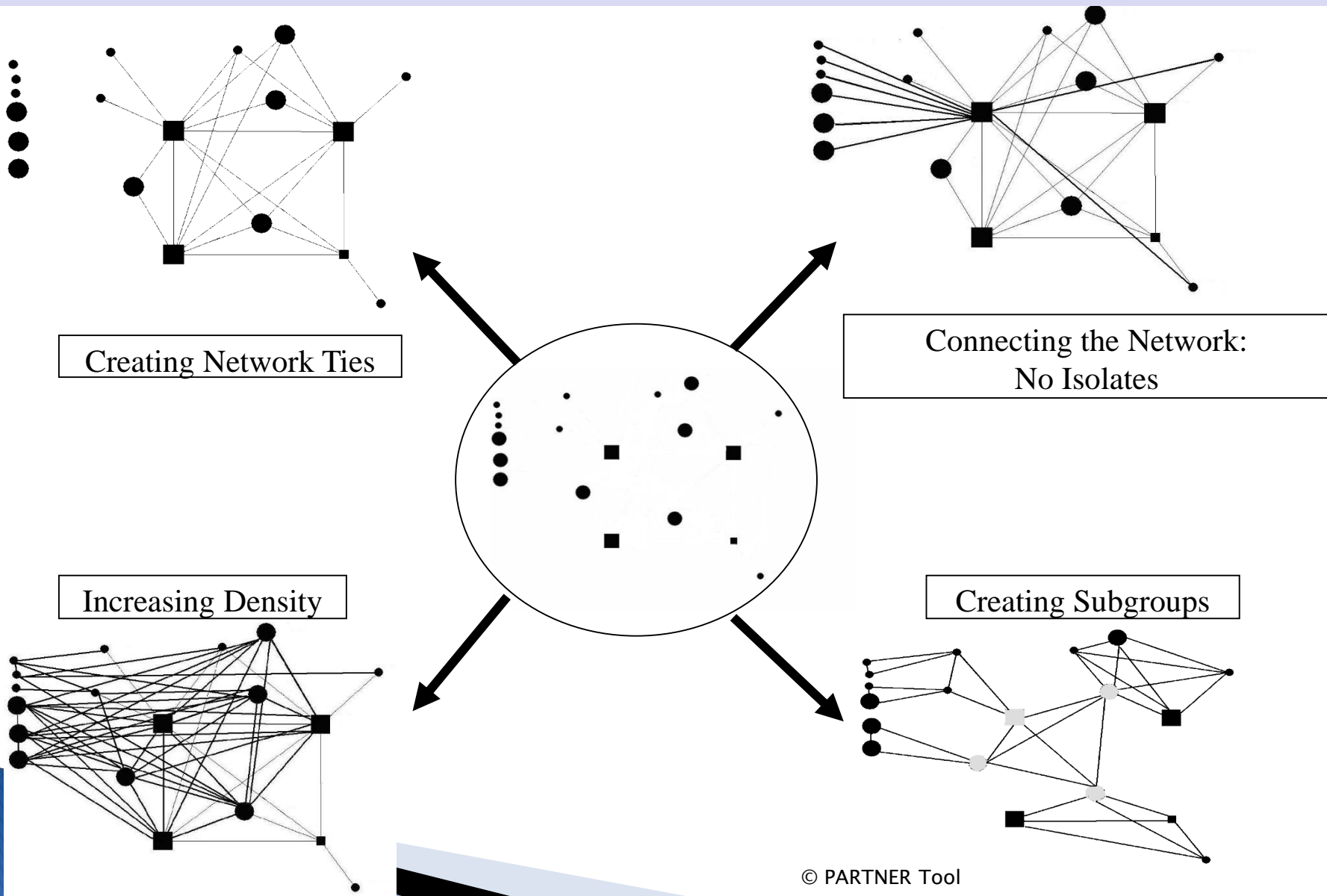
NETWORK LEADERSHIP IS... BASED ON NETWORK SCIENCE

Principle: More is Not (Always) Better

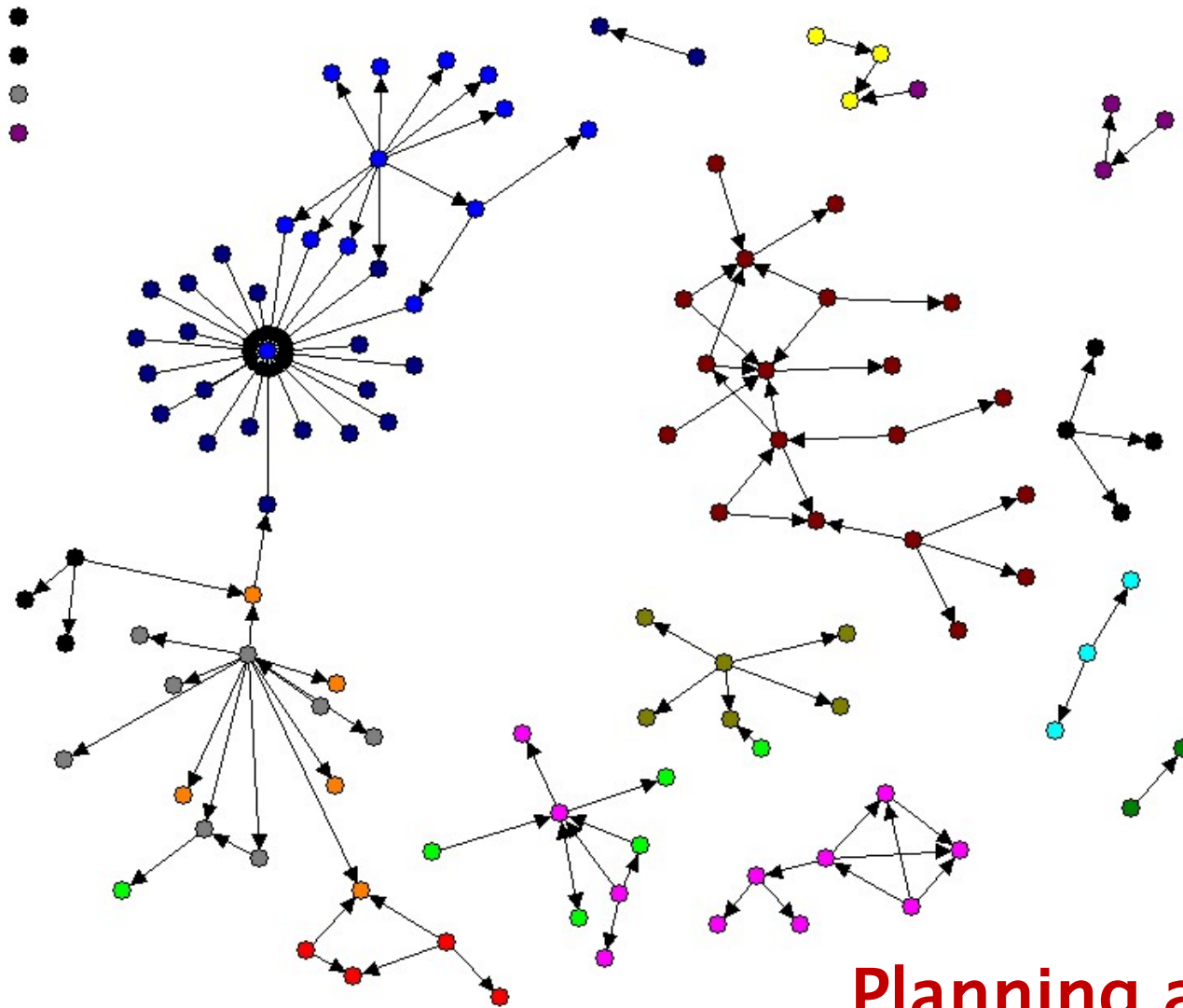


You can manage relationships,
but you need data to do it.

Evolution of a Community Network



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



Planning a Wedding...

© PARTNER TOOL



Evaluating Networks Using Social Network Analysis

What kinds of tools can I use to do network analysis?

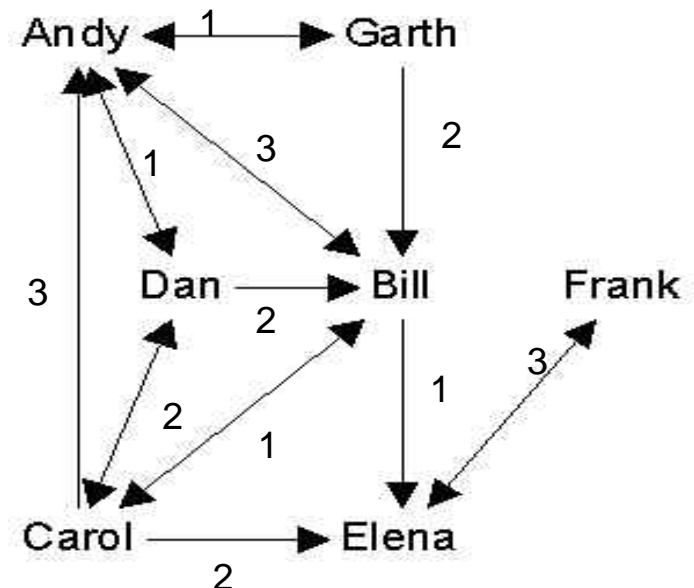
What can we learn by asking questions from a network analysis perspective?

Social Network Analysis

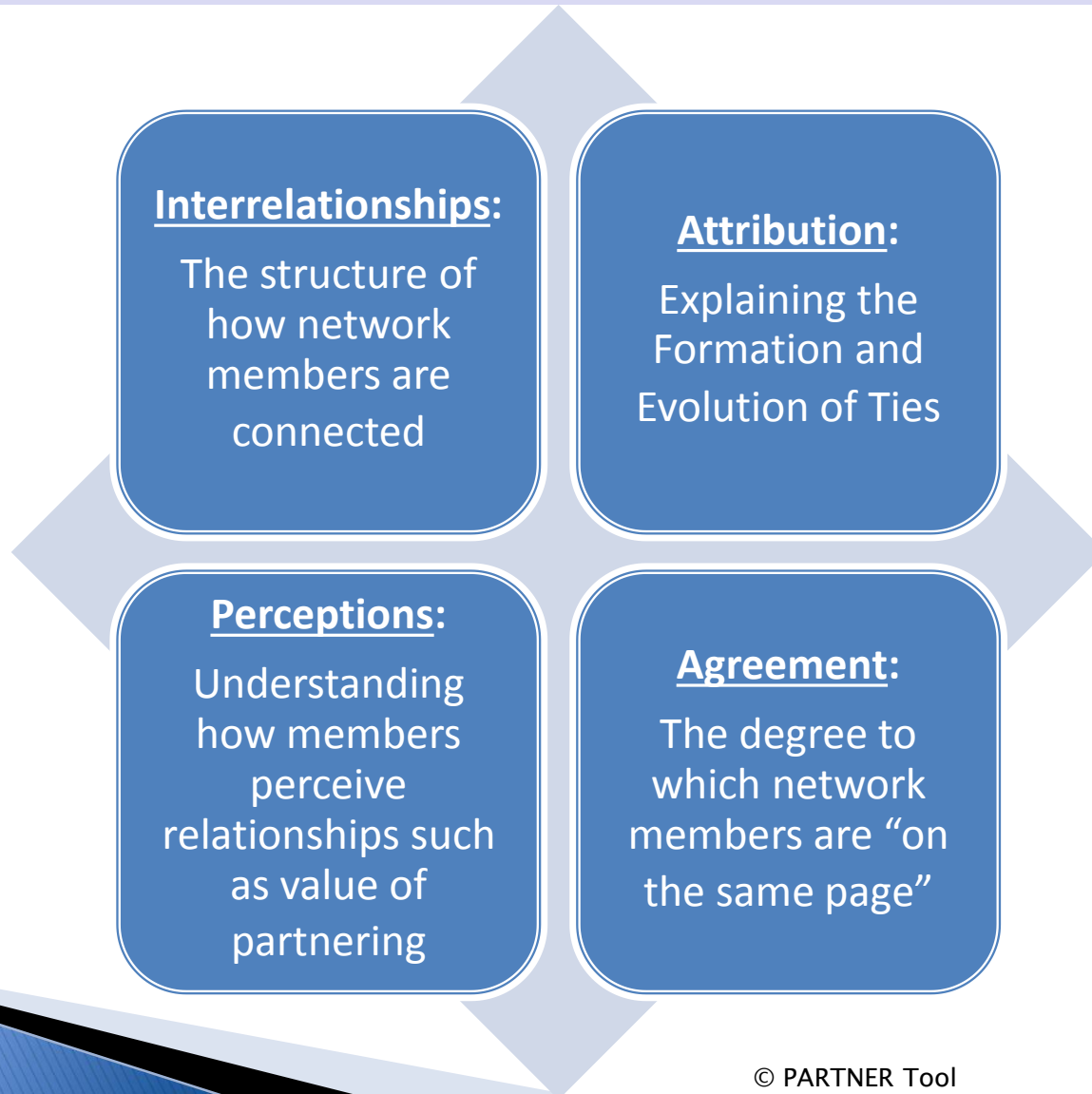
Social Network Analysis

- ▶ 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)



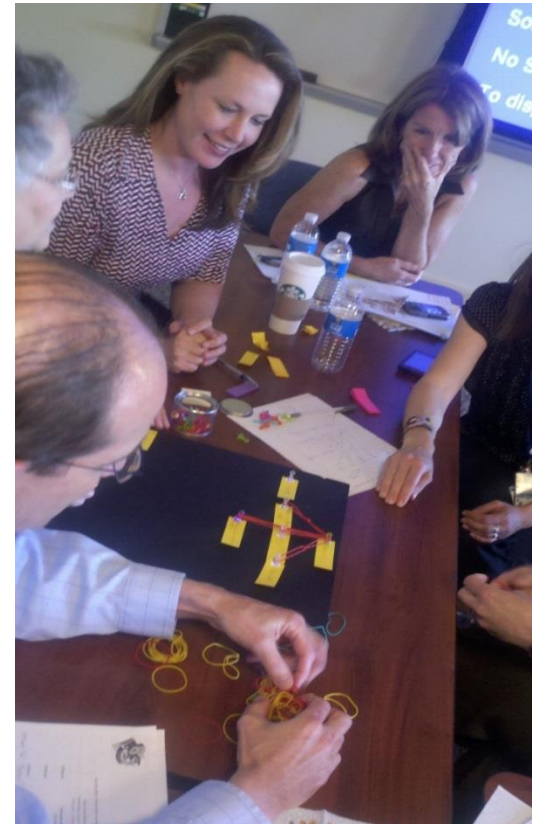
PARTNER Framework for Network Evaluation



In Network Evaluations, Context is Important

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



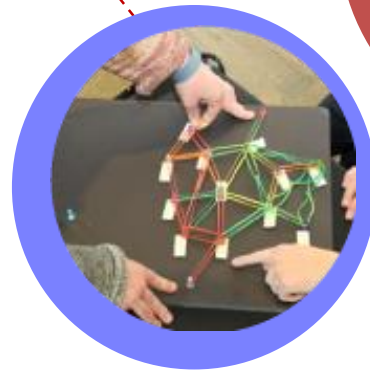
**Varda, Danielle M. (2011). "Data-Driven Management Strategies in Public Health Collaboratives", Journal of Public Health Management and Practice, 17(2), 122-132.*

Evaluation Examples

PARTNER

Program to Analyze, Record, and Track Networks to Enhance Relationships

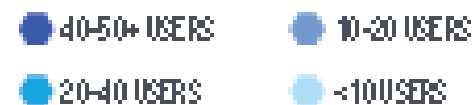
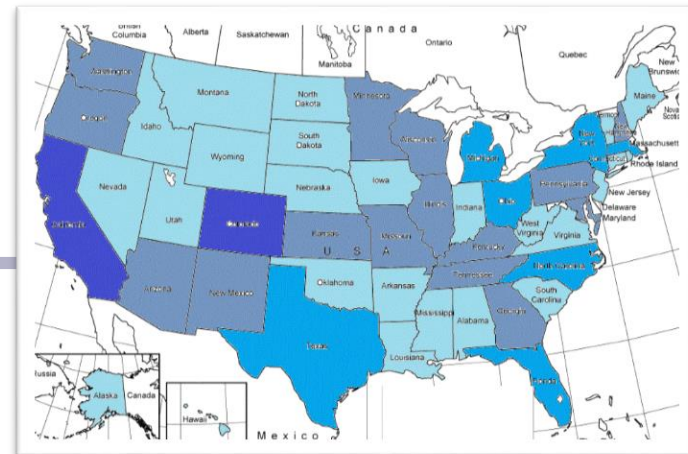
www.partnertool.net



Who Uses PARTNER?

- ▶ Practitioners, Evaluators, Researchers
- ▶ Over 1100 Communities Completed
- ▶ Each user represents a community coalition/group

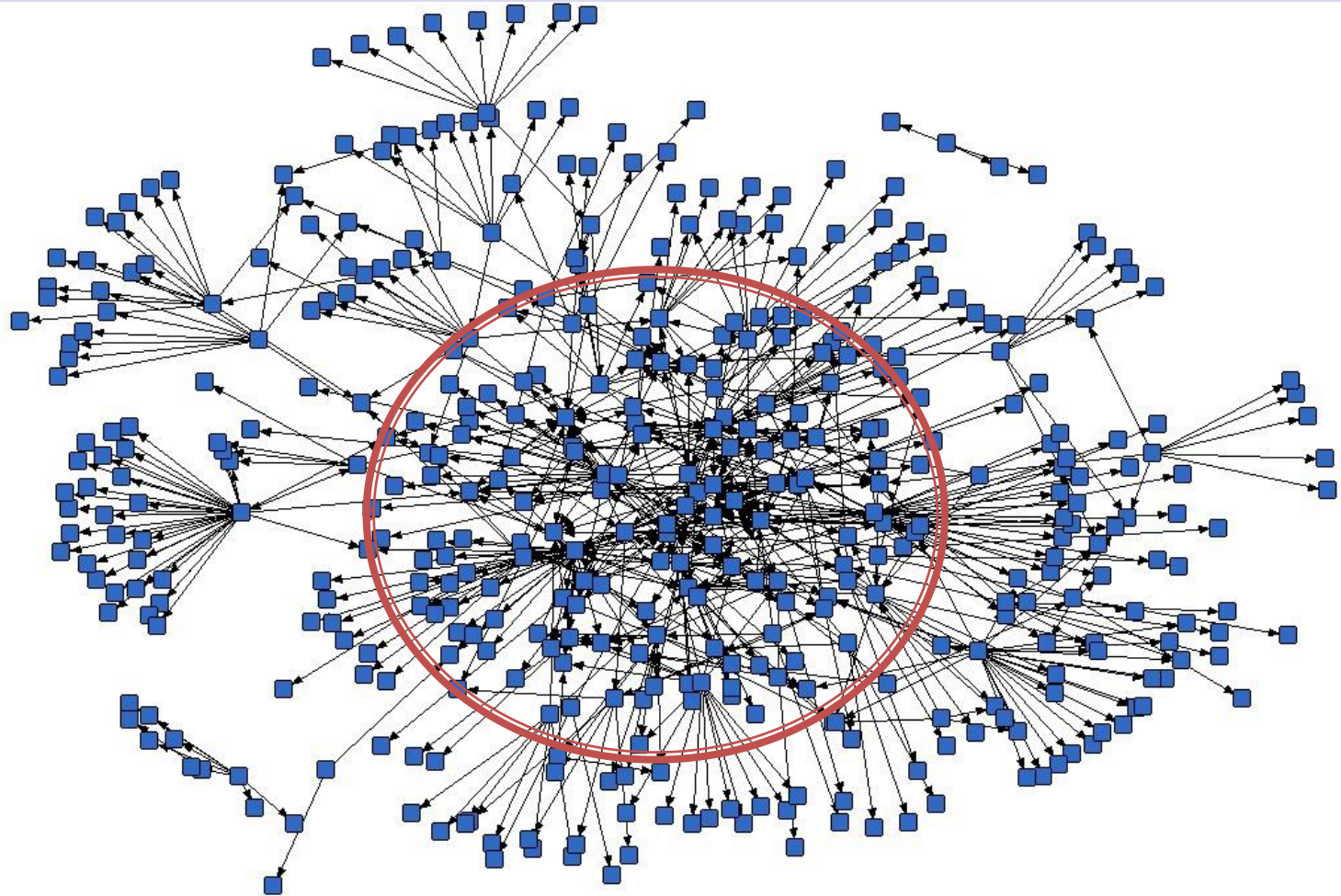
(e.g. Emergency Preparedness/Response, Healthy Living, Tobacco Prevention, Cancer Control, Chronic Disease Prevention, Suicide Prevention, etc.)



WONDERBabies

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

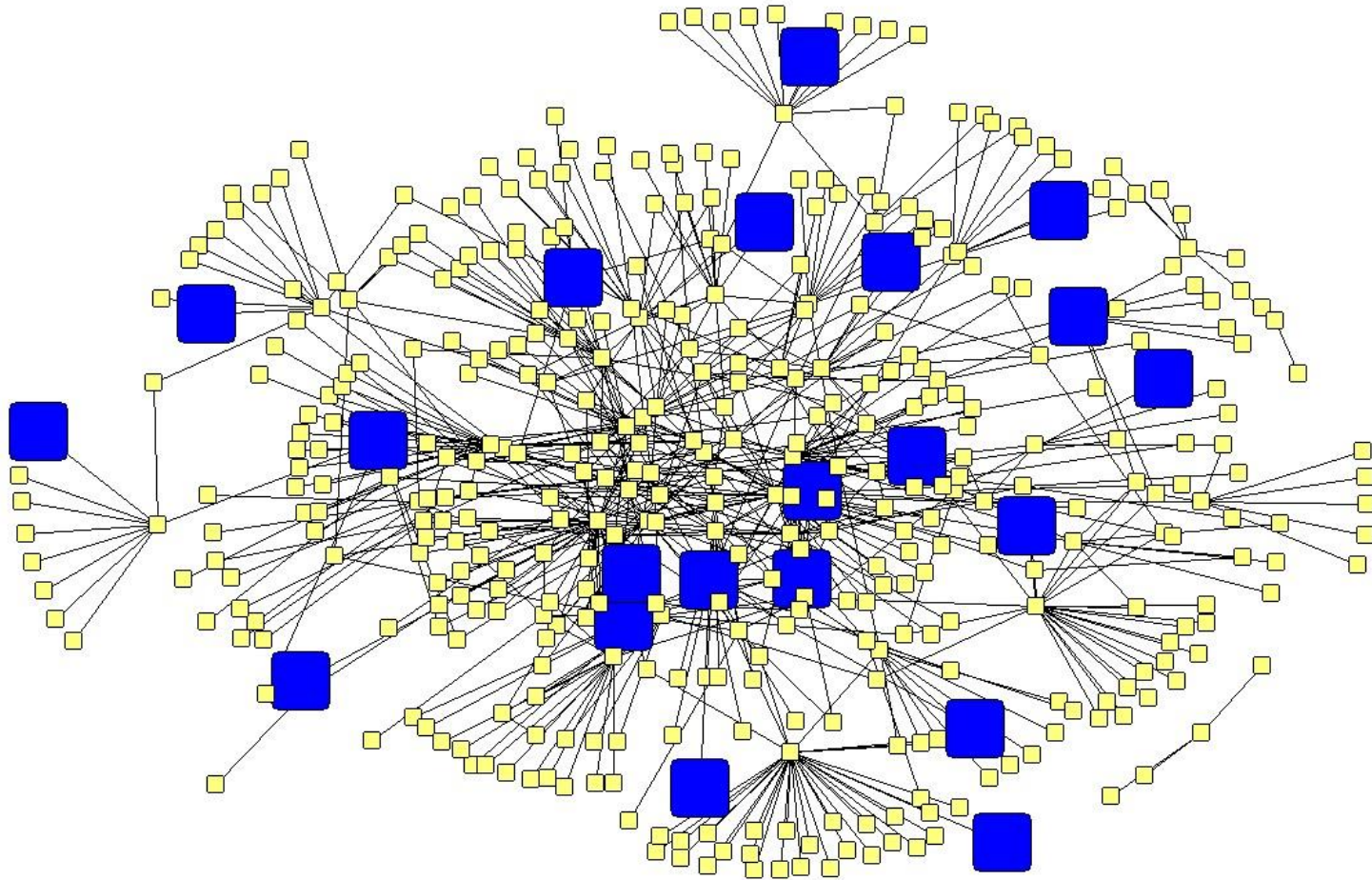
System of Care for Babies & Young Children With Special Healthcare & Developmental Needs



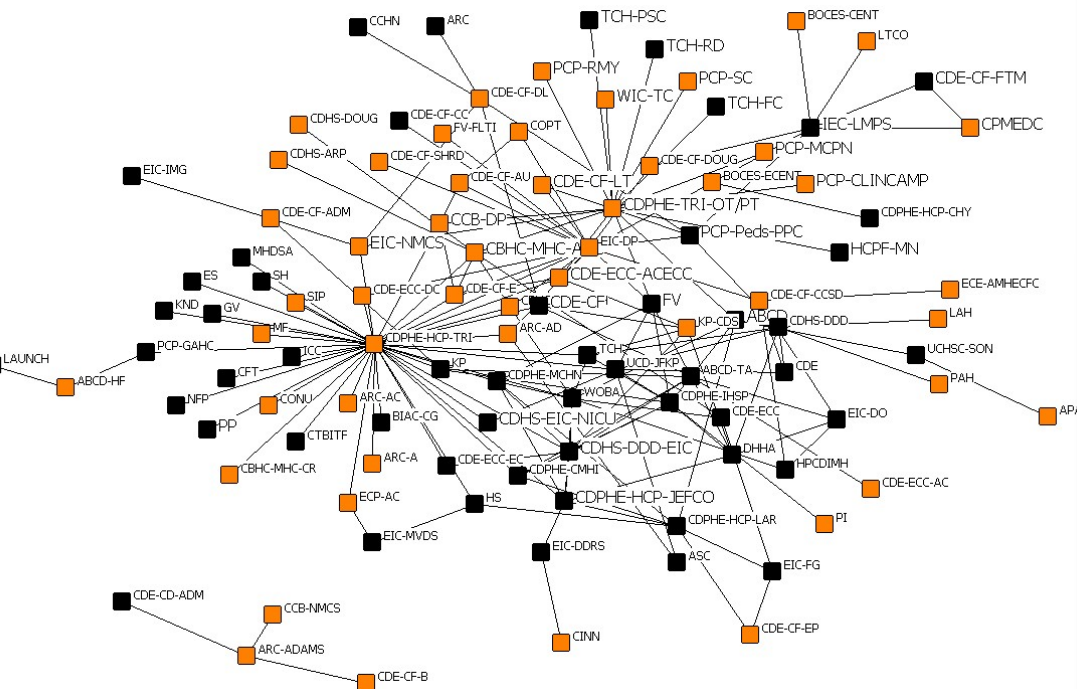
723 Partnerships
450 Organizations

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

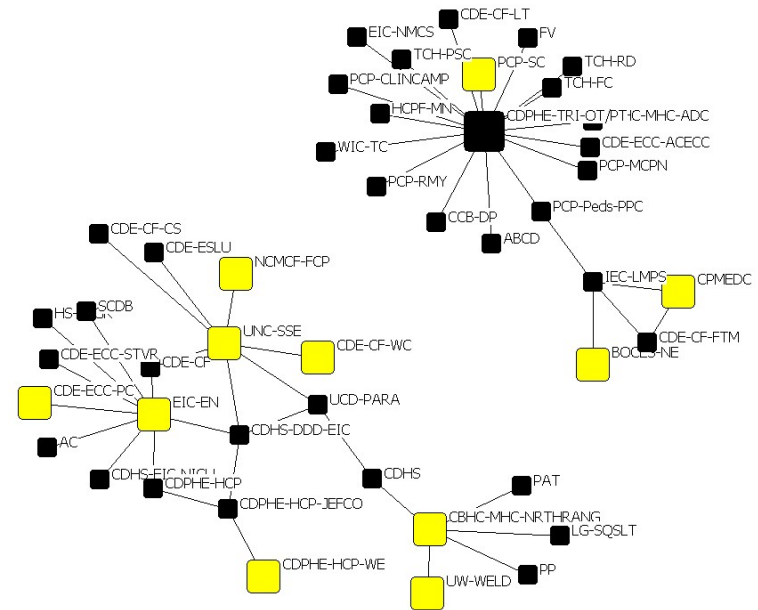
Mental Health Agencies



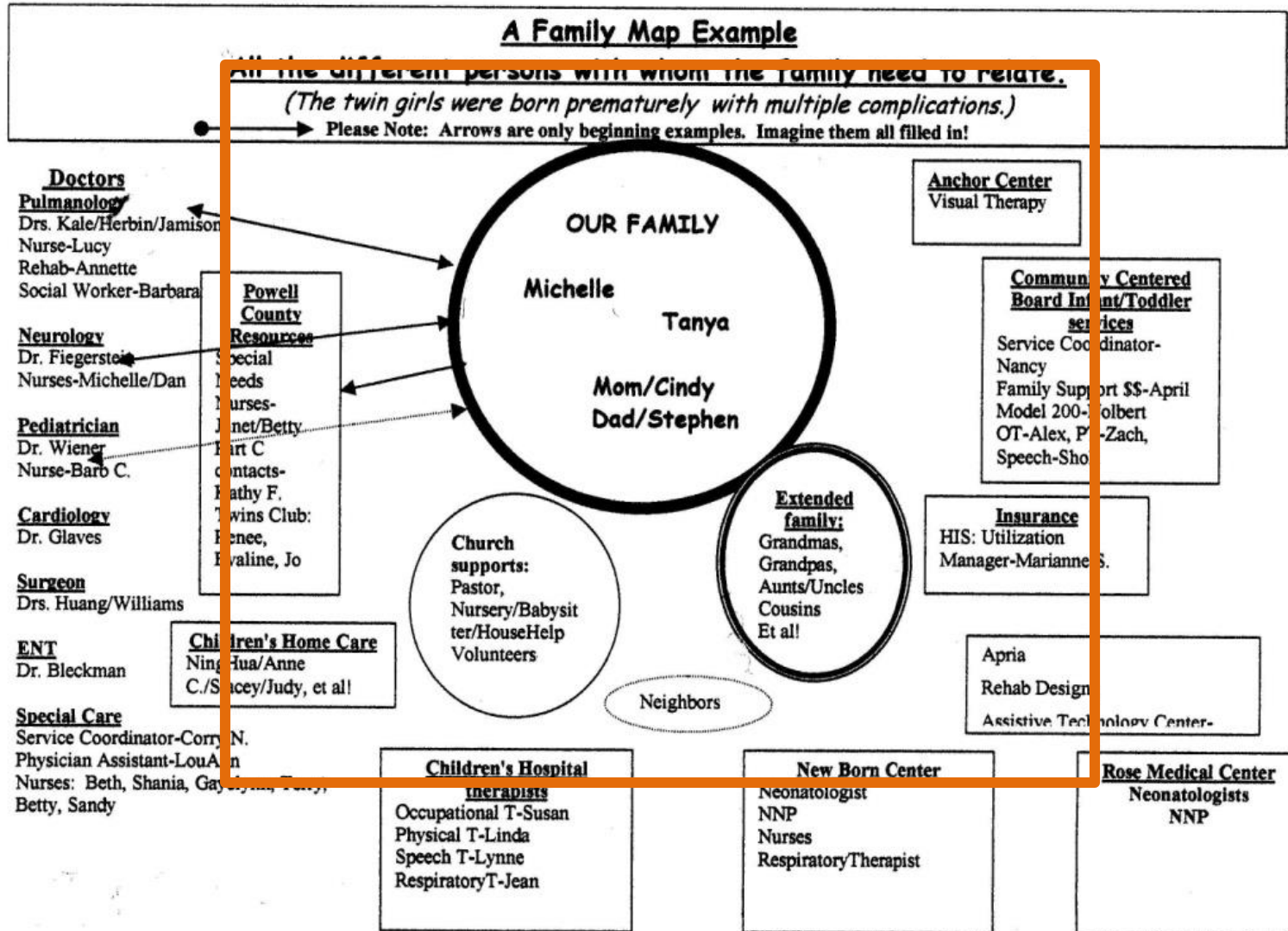
Adams/Arapahoe/ Douglas



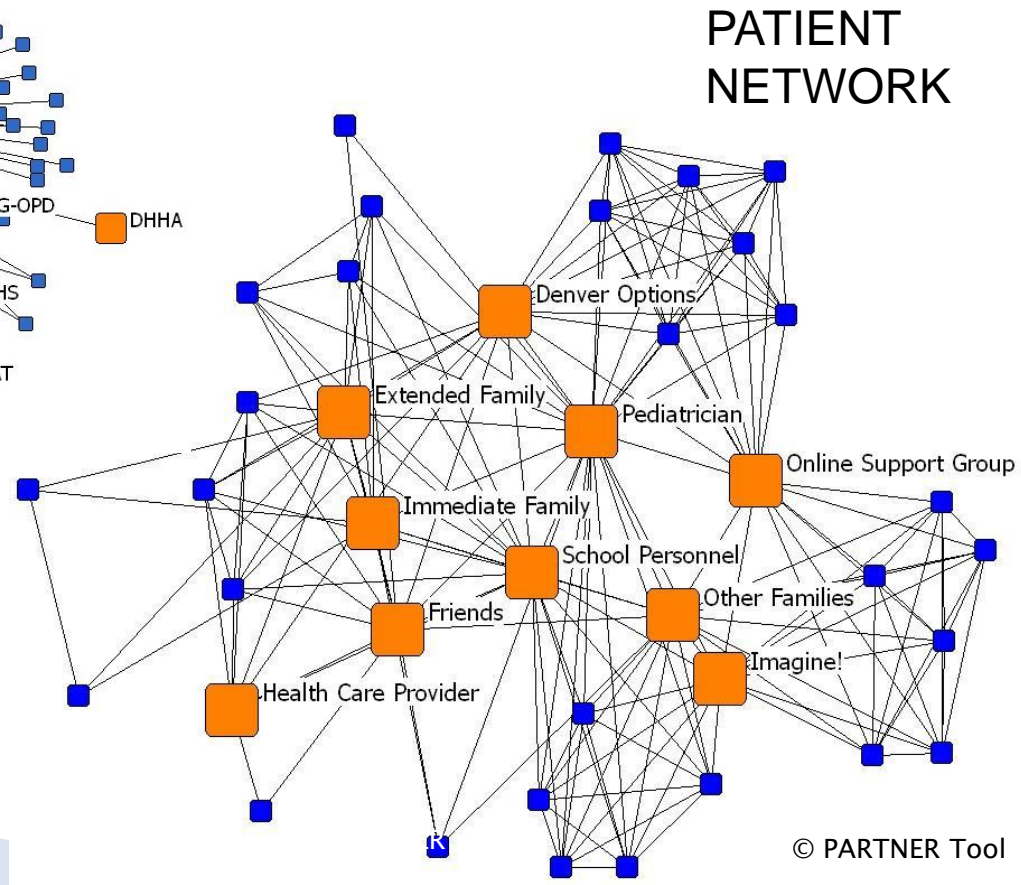
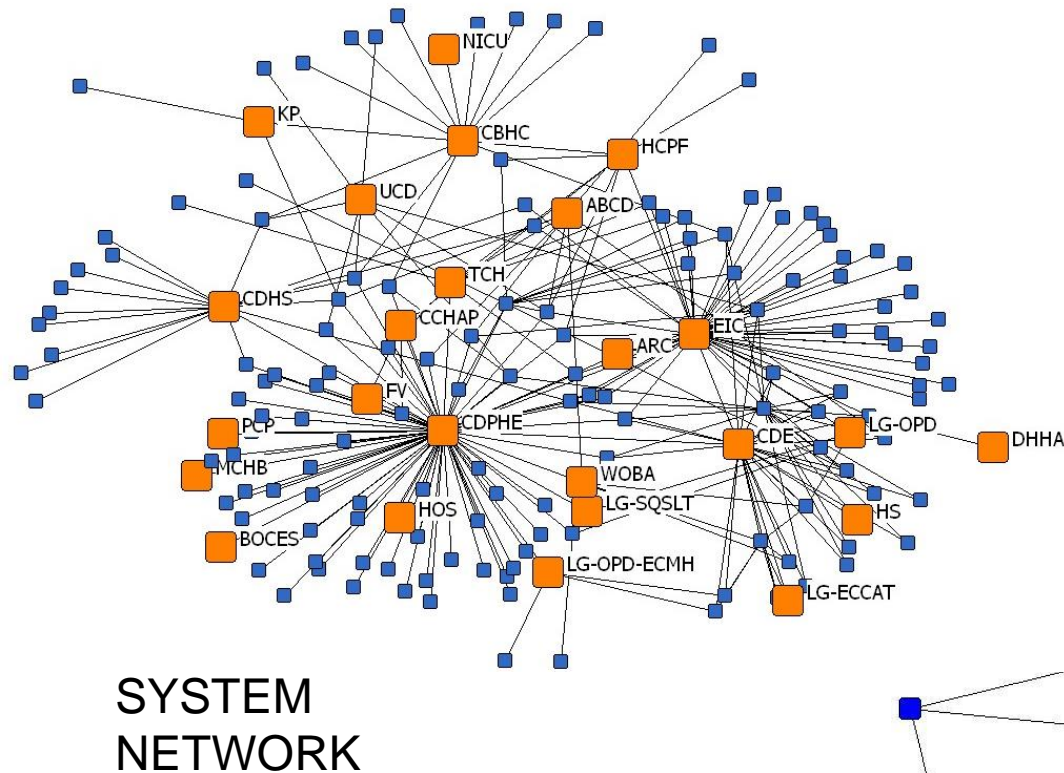
Weld



Family Blueprint Shows a Fragmented System



Systems vs. Family Networks



This is Interesting – But Can We Use This to Help People?

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

- ▶ Hypothesis: reflection

- ▶ Outcome: personal the

First Understand
personal
support
networks
and needs

Then Build an
adaptive
system to
respond to
variations

... this is

... their
know



PCN

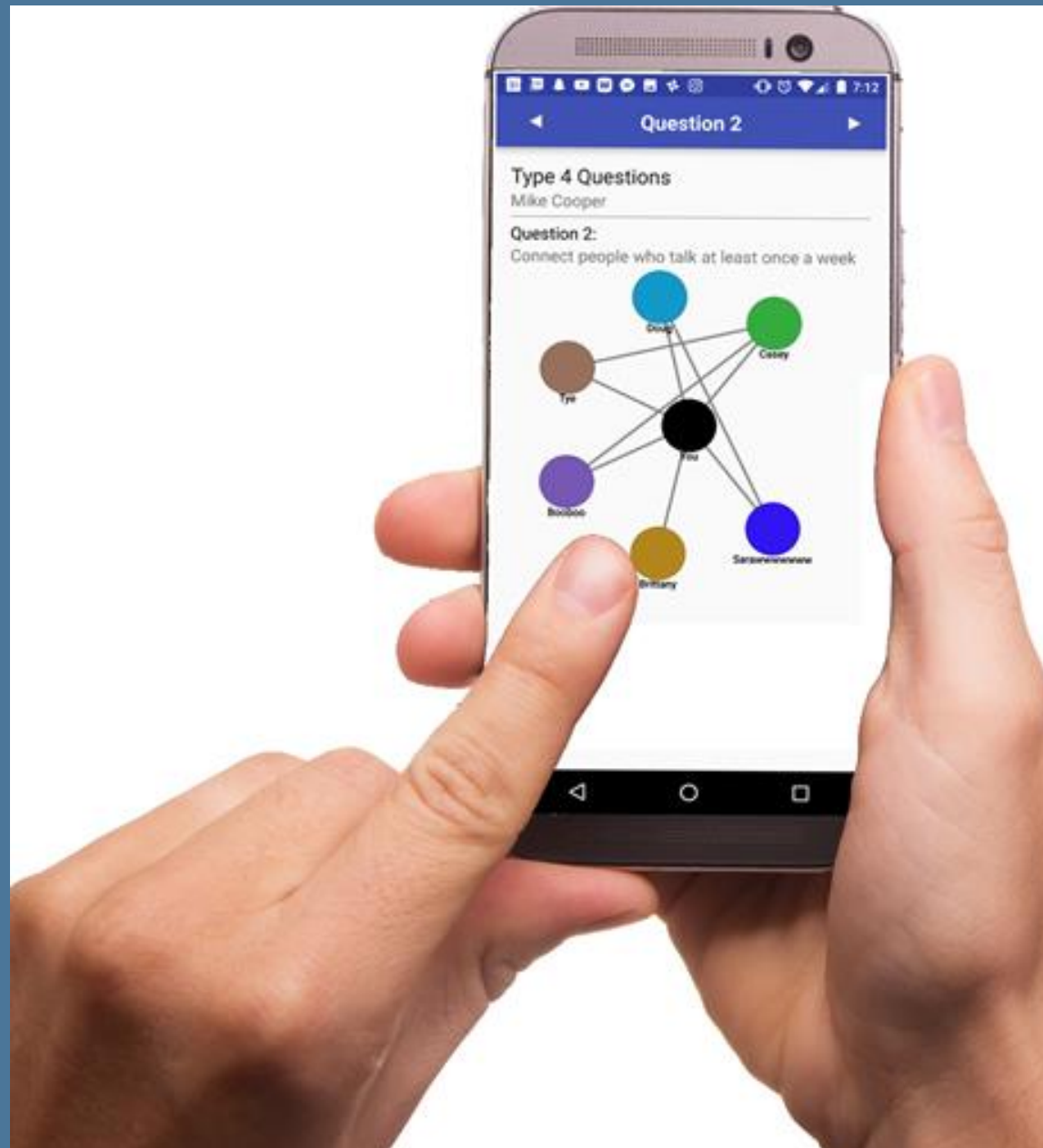
Person
Centered
Network
App

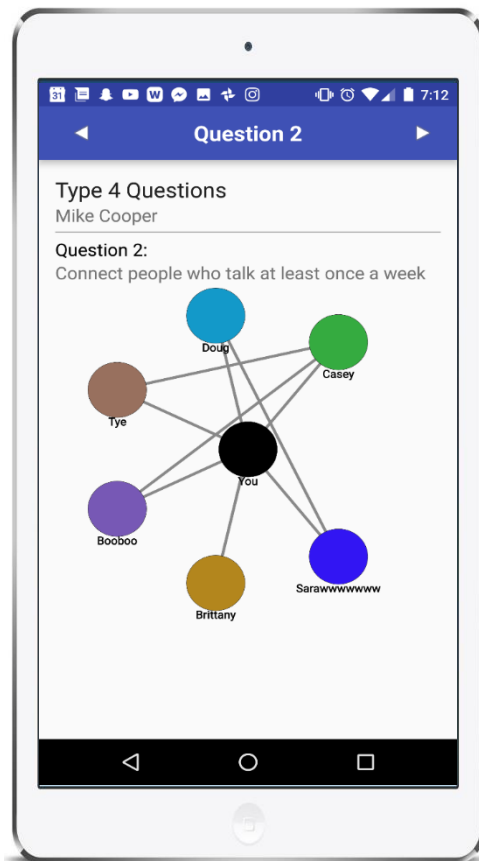
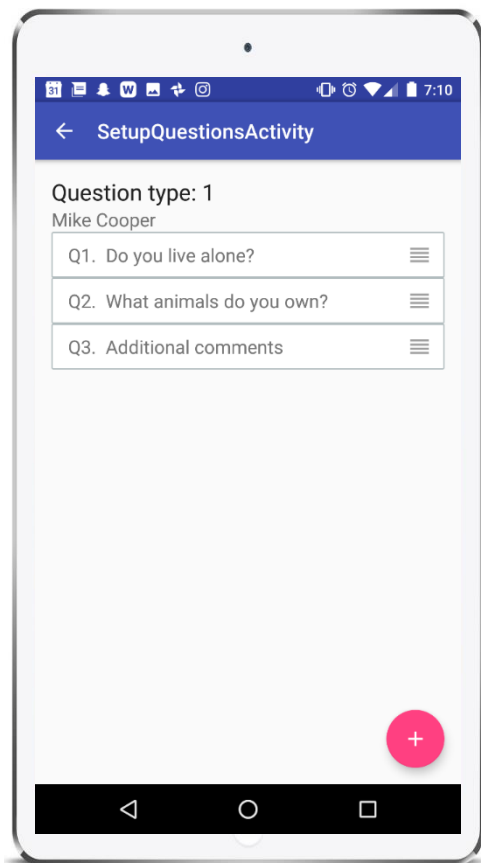


What We've Built

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





Who helps you when you need support?

What do you need, but have trouble finding?



Referrals for: MARY THOMPSON

Colorado 211
Get Connected. Get Answers.

With the 2-1-1 Database | Success Stories | Community Agencies | Contact Us | Tax Assistance

Service Search Results

Transportation Search [Advanced search](#)

693 results for Transportation
Sorted by relevance
[Expand/collapse all details](#)

[View map of results](#)

All Points Transit
970-249-0128 431 South 2nd Street, Montrose, CO, 81401 Map
Providing transportation services in communities throughout Montrose, Delta and San Miguel county. Senior driver assisted transportation - For seniors age 60 or older and people with disabilities - Rates...
[Details](#)

Transportation - Berthoud Rural Alternative for Transportation (RAFT)
970-532-2730 248 Welch Avenue, Berthoud, CO, 80513 Map
not reside within the town limits will be provided transportation for any legal purpose. By agreement with the Town of Berthoud, town residents who meet RAFT eligibility criteria and need transportation for medical, educational or employment purposes may...
[Details](#)

Transportation Services - Rangely Rambler
970-429-1545 17497 Highway 64, Rangely, CO, 81648 Map
Provides transportation for all ages, handicapped, senior citizens and special needs for medical appointments, shopping, meal sites and other needs. Special trips to Grand Junction and Vernal on Thursdays. Schedule for...
[Details](#)

Non-Emergency Medical Transportation (NEMT) - Total Transit
855-264-6368 13111 E Briarwood Ave, Centennial, CO, 80112 Map
Non-Emergency Medical Transportation (NEMT) provides Medicaid-approved transportation service to medical appointments.
[Details](#)



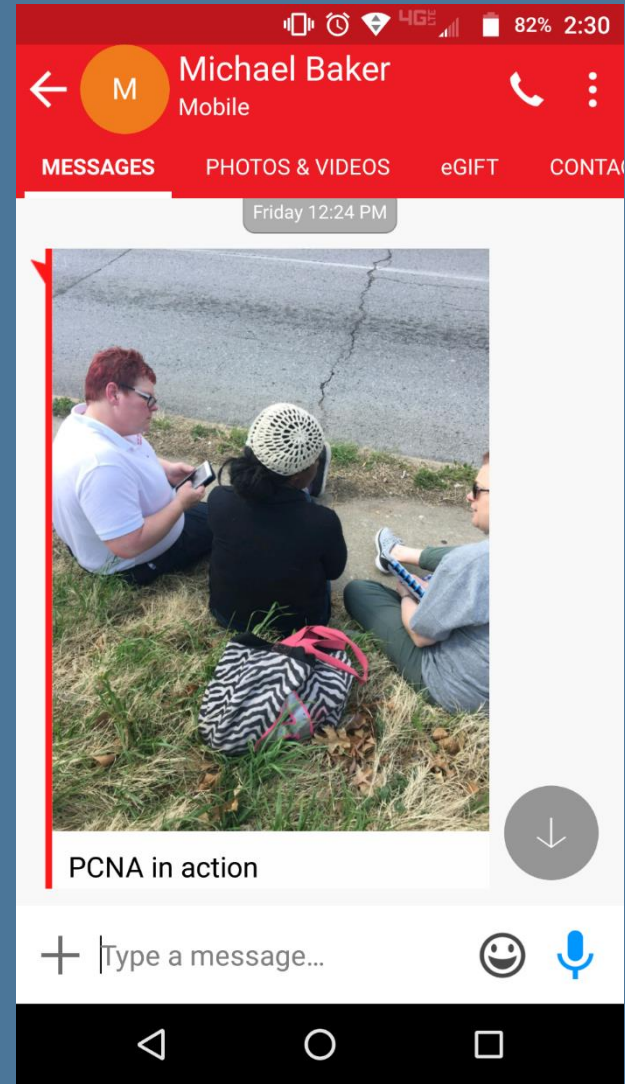
Pilot Testing: What did we learn?

We are developing
validated measures
of social
connectedness.

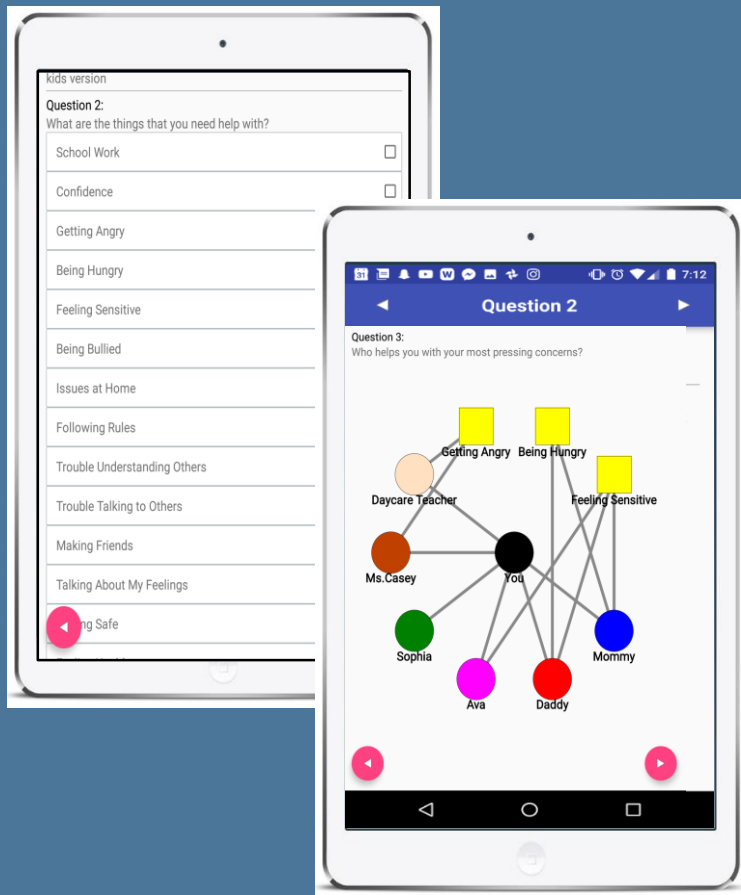
People are getting
connected to more
individualized
resources

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



We are also
discovering the other
ways we can apply
this – FOR KIDS!



Future Webinars/Trainings

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:



www.center-networkscience.net
www.networkleader.org



nlta@ucdenver.edu



[@network leadership](#)
[@partner tool](#)