Minnesota State University
MANKATO

Examining the Phases of Community-Based Collaborative Action Research through an Unfolding Case Study

Norma Krumwiede EdD, RN

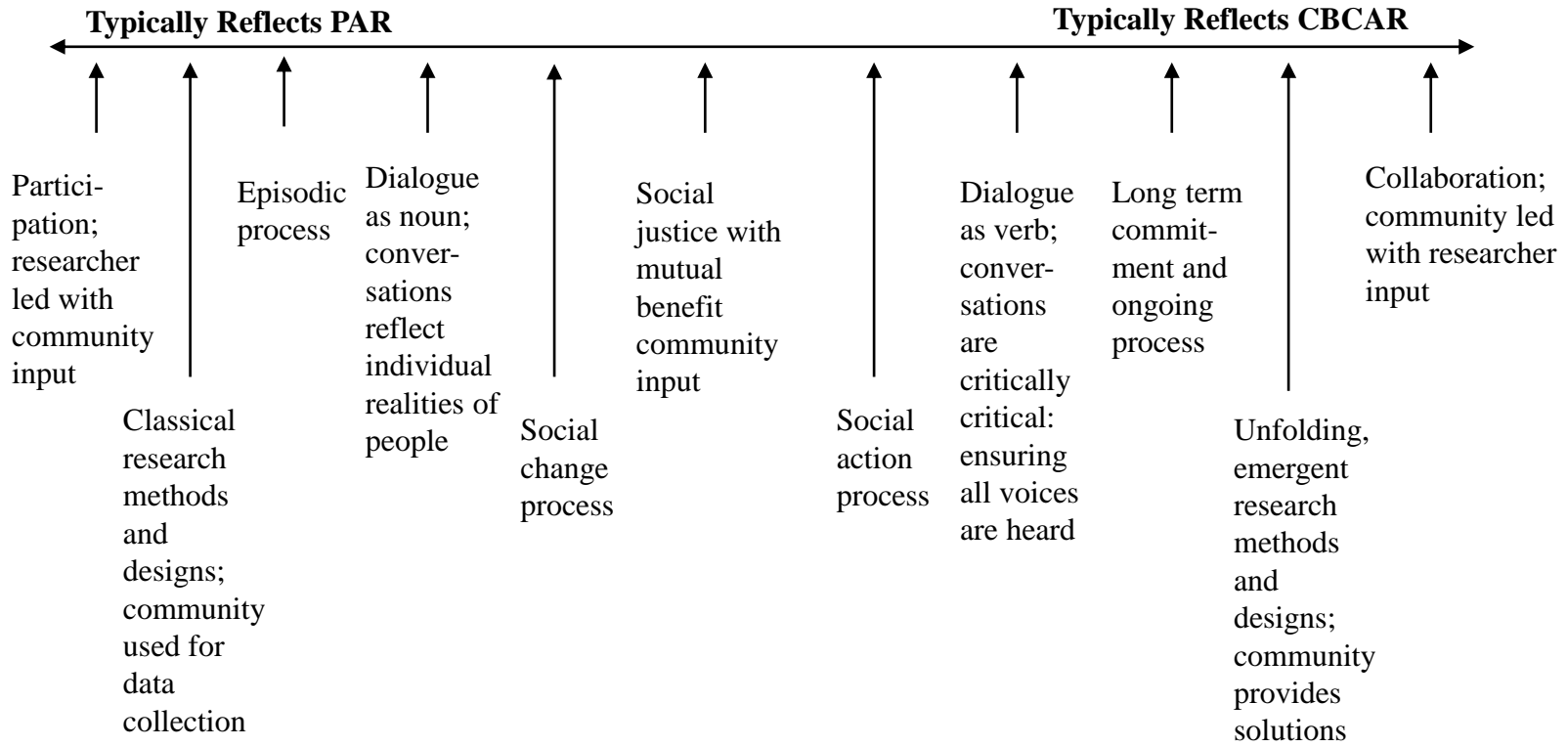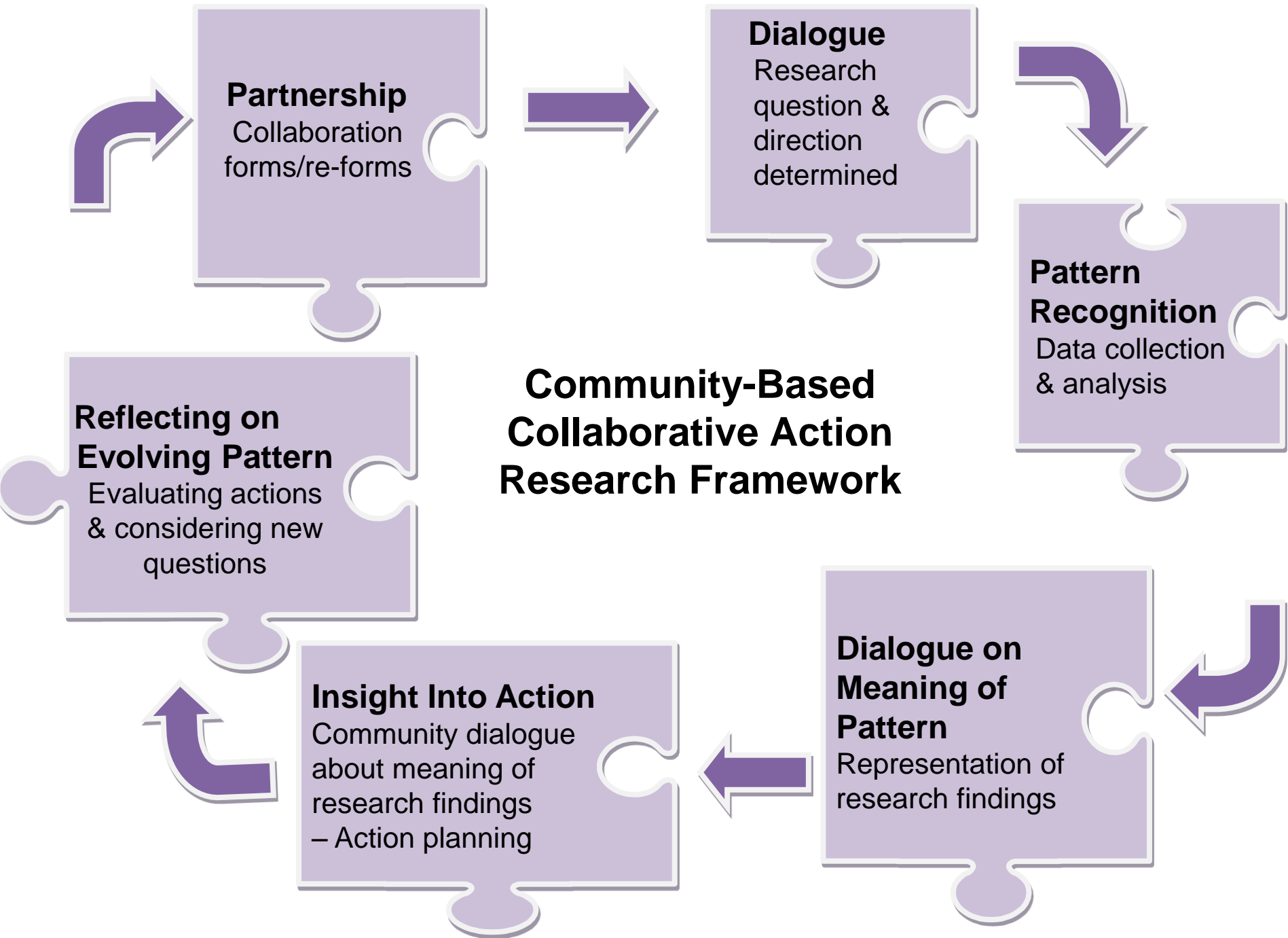**Stacey Van Gelderen DNP, RN**

Kelly Krumwiede PhD, RN

Glen Taylor Nursing Institute for
Family and Society

Purpose

Explore the Community-Based Collaborative Action Research (CBCAR) framework, an innovative approach to action research, by applying the six phases of the methodology through an unfolding case study involving a rural community.
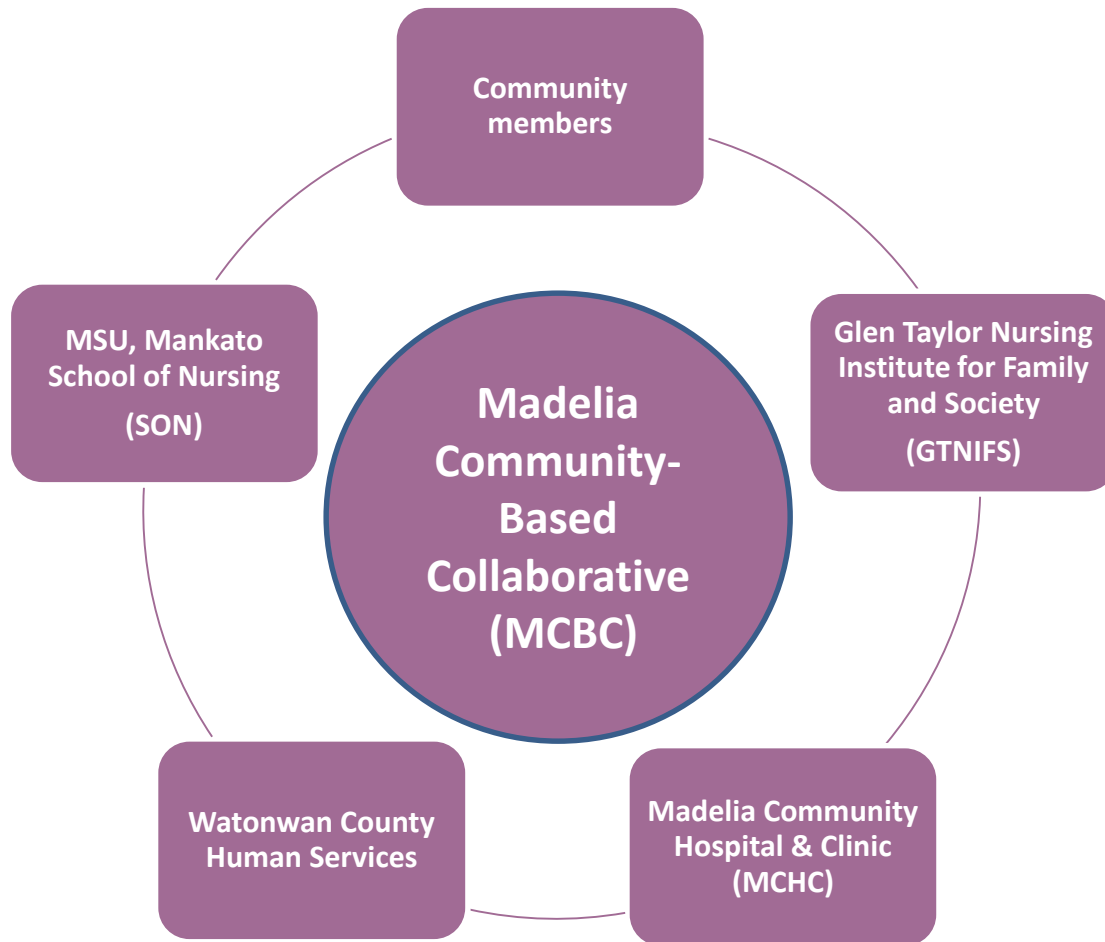
Background & Philosophical Underpinnings

Typically Reflects PAR   **Typically Reflects CBCAR**

Partici-
pation;
researcher
led with
community
input

Episodic
process

Dialogue
as noun;
conver-
sations
reflect
individual
realities of
people

Social
justice with
mutual
benefit
community
input

Dialogue
as verb;
conver-
sations
are
critically
critical:
ensuring
all voices
are heard

Long term
commit-
ment and
ongoing
process

Collaboration;
community led
with researcher
input

Classical
research
methods
and
designs;
community
used for
data
collection

Social
change
process

Social
action
process

Unfolding,
emergent
research
methods
and
designs;
community
provides
solutions

Community-Based Collaborative Action Research Framework

Partnership
Collaboration forms/re-forms

Dialogue
Research question & direction determined

Pattern Recognition
Data collection & analysis

Dialogue on Meaning of Pattern
Representation of research findings

Insight Into Action
Community dialogue about meaning of research findings – Action planning

Reflecting on Evolving Pattern
Evaluating actions & considering new questions

Unfolding Case Study: Madelia, MN

New Federal Requirement

2010 Affordable Care Act, all 501(c)3 hospitals are required to conduct a community health needs assessment

- To retain charity tax-exemption
    - Complete community health needs assessment
    - Adopt a financial assistance policy
    - Limits billing for full charges
    - Comply with billing and collection requirements
    - Leveraging a community health needs assessment
- Delivering community benefits

Partnership

Dialogue

MCHC

Outsides support needed

to comply with Affordable Care Act (ACA)

SON

Faculty desiring opportunities to improve community health outcomes while providing real-life student learning experiences

GTNIFS

Nursing Institute for

improving family & societal health

Common Goals

Pattern Recognition

Sample

- City of Madelia, MN
- Madelia Community Hospital & Clinic Home Care Population
- Latino Population
- Madelia Public Elementary & Secondary School
- St. Mary's Private Elementary School
- Elderly Population

Data Collection

- Questionnaires
- Windshield Survey
- Foot Survey
- Interviews
- Focus Groups
- Observations
- Secondary Data
- Field Notes
- Narrative Reflections

Dialogue on Meaning of Pattern

- Open Forum

- Community Discussion & Feedback

- Community Health Needs Assessment Report

- Overarching Findings:

  - Obesity, diabetes, heart disease, chronic disease management, cancer, poor sleep habits, high teen pregnancy, elderly fall risk and depression

Insight into Action

- Invitation
- Community Forum
- Community Dialogue
- Action Plan
  - Healthy Family Event
  - Public Service Announcements
  - Survey Design & Data Mining
  - State Health Improvement Plan Grant

Reflecting on Evolving Pattern

- Reflected on action plan outcomes, processes, & future direction
- Membership fluctuating
- Equal voice
- School of nursing involvement
- Time commitment
- Transparency
- Grants

Results

Triple benefit:

- Assisted the hospital to meet the federal mandate through a community health needs assessment.

- Examined health disparities and social justice issues within the community.

- Enhanced the nursing students' understanding of research and public health nursing competencies.

CBCAR Conclusions

CBCAR:

- Provided a safe environment where open, non-judgmental dialogue occurred.

- Created space where meaningful work occurred

- Provided gratifying work for nursing students

- Promoted meaningful long-term relationships

Lessons Learned

Nurse researchers must:

- Relinquish power and make a long-term commitment
  - Empower communities
  - Enhance decision-making to improve health
- Trust the CBCAR process, solutions to problems reside within the community members
- Foster collaborative partner relationships while addressing complex social action processes

Contact Information

Norma Krumwiede EdD, RN

E-mail: norma.krumwiede@mnsu.edu

Stacey Van Gelderen DNP, RN

E-mail: stacey.van-gelderen@mnsu.edu

Kelly Krumwiede PhD, RN

E-mail: kelly.krumwiede@mnsu.edu