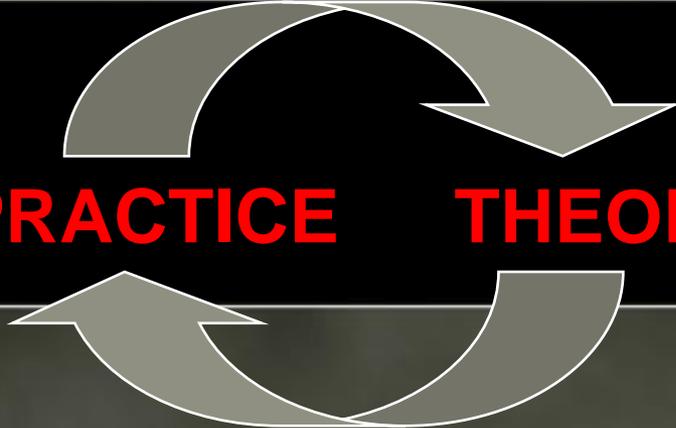


RESILIENCE RESEARCH WORKSHOP



PRACTICE **THEORY**

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PRESENTATION OVERVIEW

- **Social capital and its potential value in the development and implementation of interventions designed to create disaster resilient communities, particularly among low-income and racial minority populations .**
- **Implications for Practice Friendly Use of Community Resiliency Models**

Social Capital Defined

From an ecological perspective Social Capital has been defined as follows:

“It is an inherently multilevel construct manifested in communities at the **macro** level by properties and processes of local institutions and organizations both public and private, at the **meso** level by the sets of interpersonal communication networks and their connections, and at the **micro** level by individual characteristics that make citizens more likely to participate in community life.” Shah, McLeod, and Yoon (2001)

Aggregate of social norms, networks, and resources which foster the community collectiveness through the development of individual **trust** for community members and subsequent development of **interpersonal relationships** within that community.

Community Resilience Defined

Community Resilience is a process whereby communities prepare for and respond to disturbances/disasters and **complex community emergencies**. The multidisciplinary Community resilience process seeks to develop culturally appropriate strategies through **grass root (explicit)** and **ground root (implicit)** assessments. Creating disaster resilient communities draws on models that describe the elements of community resilience as well as models that **explain how to alert, engage and mobilize communities to prepare, respond, and recovery from disasters**. The use these disaster Resilient models can **strengthen social capital** by merging the assets and resources of community and external agencies.

Models Incorporating Social Capital

- **FEMA Project Impact (implicit)**
- **Community Preparedness Model for Wildfires (Jakes, Nelson, and Lang et al., 2002)**
- **Community Resilience Model (Norris et al. (2008))**
- **Community Based Disaster Management Framework (Victoria, L. (2002))**
- **Community Based Disaster Preparedness Model (Allen, 2006)**

Social Capital Research in Health

- Viswanath, Steele, and Finnegan (2006) explored the effects of community integration and pluralism on recall of cardiovascular disease health information

FINDINGS

- Higher level of civic engagement through participation in community groups was associated with better recall of health messages.
- Community group affiliation alone contributed to better message recall even after control for gender, education, and other variables

Social Capital Research in Health

- Campbell, Williams, and Gilgen (2002) performed a case study in the Khutsong Township in South Africa to determine if there are any associations between social capital and HIV infection.

FINDINGS

- The results found that young men and young women who belonged certain clubs were less likely to be HIV-positive and were less likely to report practicing HIV risk behavior.

Racial/Minority Social Capital Research

Beaudoin and Thorson (2004) conducted an empirical study to explore whether the effects of the mass media on social capital and civil engagement vary between rural and urban communities.

Findings:

- The effects of media on civic engagement vary by the medium used and the community residence (urban vs. rural).
- A reciprocal relationship exists between social networks and social trust in the rural model, while the relationship is linear in the urban model.

Racial/Minority Social Capital Research

Beaudoin (2007) later conducted an assessment of pathways of causal influence between campaign exposure and news attention and two indicators of social capital (neighborliness and social support) among African Americans in New Orleans, LA following Hurricane Katrina.

Findings

- The study found that the model identifying mass media as having a causal influence on social capital was the best fit.
- Neighborliness increased over time with the advent of the media campaign

Racial/Minority Social Capital Research

Mastin (2000) conducted a study to determine if local and national news media exposure provokes civic participation among African Americans

FINDINGS:

- Although both subgroups used media heavily, there was no significant relationship between local media use and civic participation.

In Summary, all but one of the studies exemplified the need to identify and utilize additional communication networks and mediums to reach populations.

Developing & Implement Preparedness Interventions for Low-Income Communities

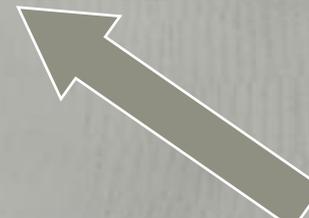
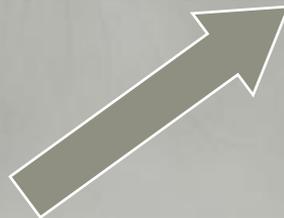
- Few articles published within the decade that address community preparedness promotion and theory by incorporating social capital theory Andrulis, Siddiqui, Gantner, 2007; Norris, Stevens, Pfefferbaum, Wyche, Pfefferbaum, 2008; Wachtendorf, T., Connell, R., Monahan, B., and Tierney, K. (2002).).
- Several studies assessed the effectiveness of an intervention based on similar theories to social capital and/or social capital was implied (Moore et al., 2004; Nakagwa and Shaw, 2004; Allan, 2006). All of these studies focused on disaster recovery or response activities within a community.
- There is a paucity of information focusing on racial/ethnic minorities and that studies and reports identifying strategic interventions for this group in public health emergencies were uncommon. (Andrulis, Siddiqui, Gantner, 2007).

SOCIAL CAPITAL & RESILIENT COMMUNITIES

Disaster Resilient Community



Social Capital



Framework Models
Community Resilience/Community-based
Disaster Management

Process Models
Community-based Participatory Research
Community-based Disaster Preparedness

Gaps in Research

- **More research examining the relationship between community resilience constructs by socio-demographics characteristics**
- **Use of other community engagement models that clearly delineate processes, skills, and strategies (i.e., CBPR)**
- **Training on “how to” implement community resilient models**
- **More research regarding the role of cultural competency in emergency management planning**
- **Most studies lack scientific rigor**
- **Translational research**

Contact Information

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**WHY CULTURE MATTERS
DISASTER STUDIES PROJECT**

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