



11-2016

## Adapting an Evidence-Based Intervention for Rural Women with Depression

Claire Snell-Rood

*University of Kentucky, [snell-rood@uky.edu](mailto:snell-rood@uky.edu)*

Frances J. Feltner

*University of Kentucky, [frances.feltner@uky.edu](mailto:frances.feltner@uky.edu)*

Wayne Noble

*University of Kentucky, [wayne.noble@uky.edu](mailto:wayne.noble@uky.edu)*

Follow this and additional works at: [https://uknowledge.uky.edu/ruralhealth\\_present](https://uknowledge.uky.edu/ruralhealth_present)



Part of the [Medicine and Health Sciences Commons](#)

[Right click to open a feedback form in a new tab to let us know how this document benefits you.](#)

---

### Repository Citation

Snell-Rood, Claire; Feltner, Frances J.; and Noble, Wayne, "Adapting an Evidence-Based Intervention for Rural Women with Depression" (2016). *Center of Excellence in Rural Health Presentations*. 22.  
[https://uknowledge.uky.edu/ruralhealth\\_present/22](https://uknowledge.uky.edu/ruralhealth_present/22)

This Presentation is brought to you for free and open access by the Rural Health at UKnowledge. It has been accepted for inclusion in Center of Excellence in Rural Health Presentations by an authorized administrator of UKnowledge. For more information, please contact [UKnowledge@lsv.uky.edu](mailto:UKnowledge@lsv.uky.edu).

# ADAPTING AN EVIDENCE-BASED INTERVENTION FOR RURAL

## WOMEN WITH DEPRESSION

Claire Snell-Rood, PhD<sup>1</sup>, Fran Feltner, DNP<sup>2</sup>, Wayne Noble, BHA<sup>2</sup>

<sup>1</sup> University of Kentucky Department of Behavioral Science

<sup>2</sup> University of Kentucky College of Medicine

<sup>2</sup> University of Kentucky Center of Excellence in Rural Health

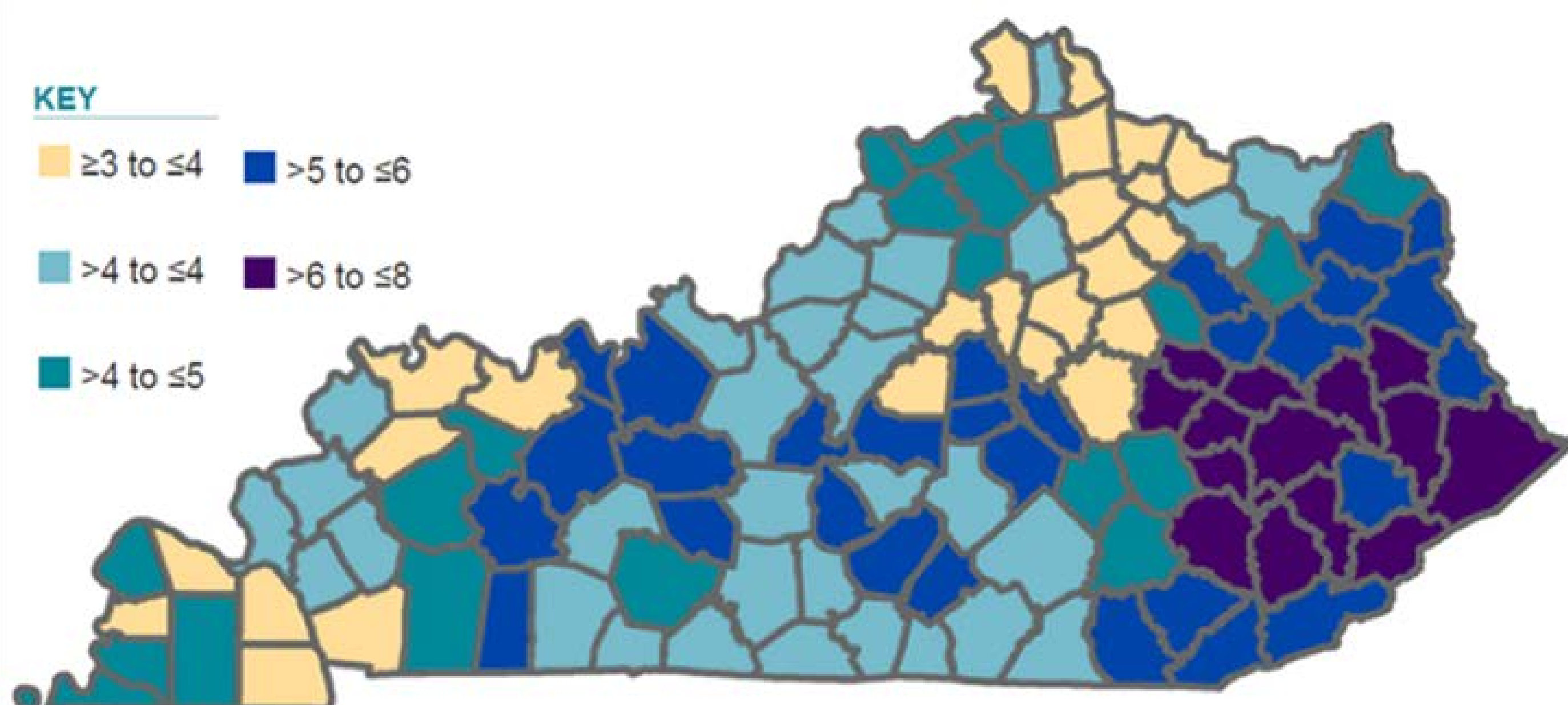
<sup>2</sup> University of Kentucky Center for Clinical and Translational Science

**Center of Excellence in Rural Health**

**Center for Clinical and Translational Science**

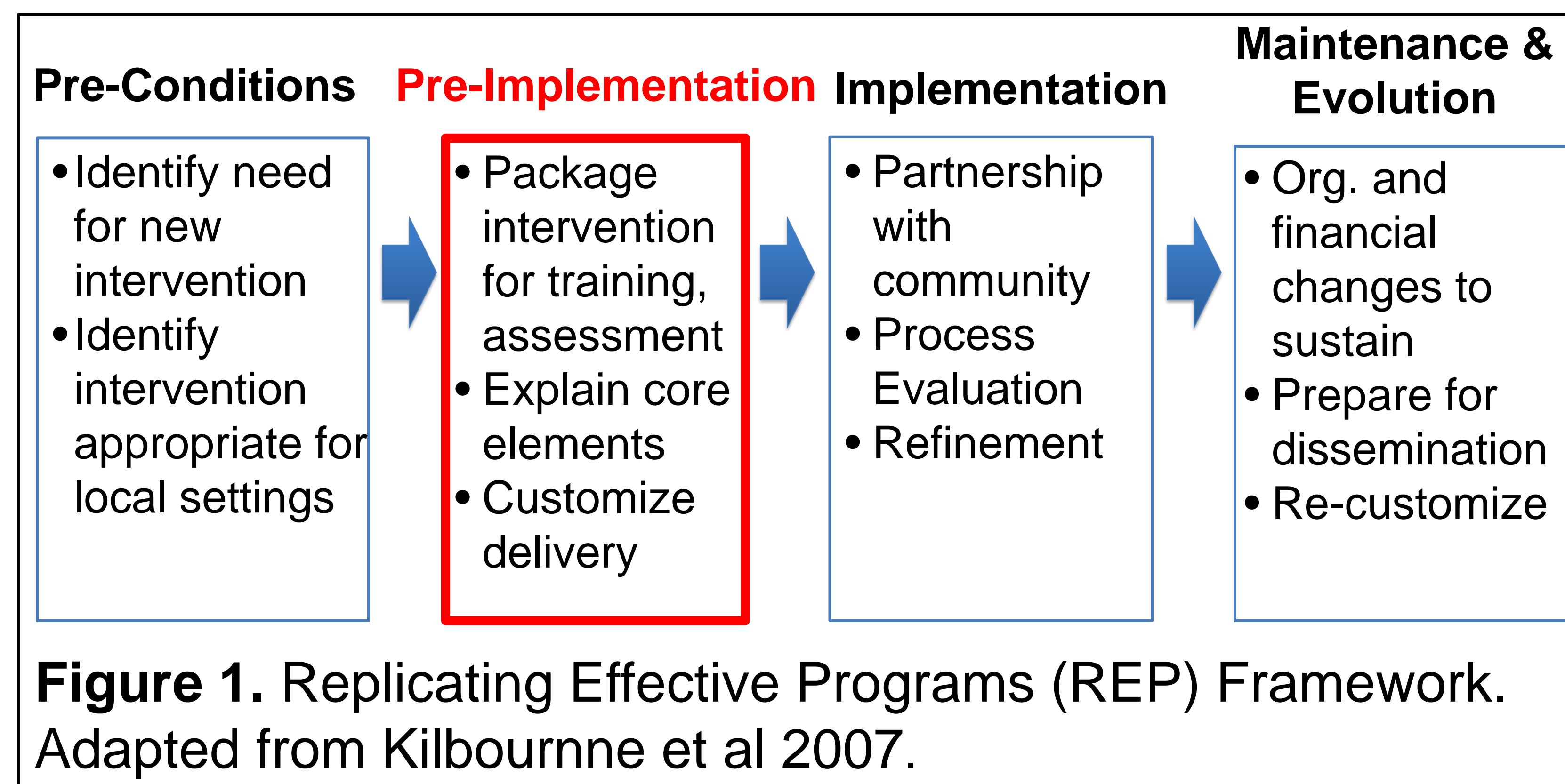
### BACKGROUND

- Prevalence of depression among rural women is nearly 4 times the national average
- Depression prevalence particularly high in Central Appalachia
- Limited services and social barriers restrict treatment access



**Figure 1:** Mentally Unhealthy Days (per month): Kentucky Counties, 2008-2010. Data Source: BRFSS.

### METHODS


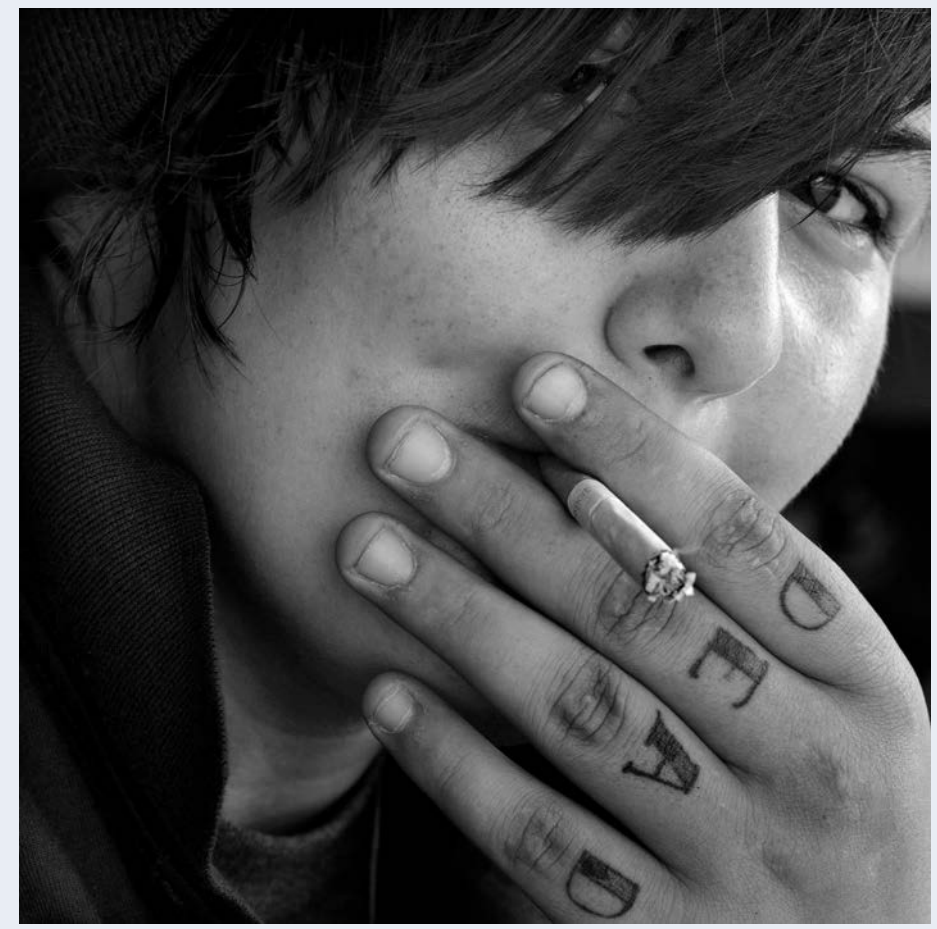





**Figure 1.** Replicating Effective Programs (REP) Framework. Adapted from Kilbourne et al 2007.

- **Partnership:** in rural area without a peer provider workforce, we will have community health workers (CHW) from region's Kentucky Homeplace program serve as facilitators for adapted intervention after receiving WRAP training
- **Data Collected** in focus groups (N=4) with Appalachian women with depression (N=10) and diverse health professionals (N=10)
- **Analysis** performed of inductive and deductive themes
- **Adaptations** made to evidence-based model
- **Checking** through individual follow-up interviews will be conducted with Appalachian women with depression (N=5) and health professional stakeholders (N=5)

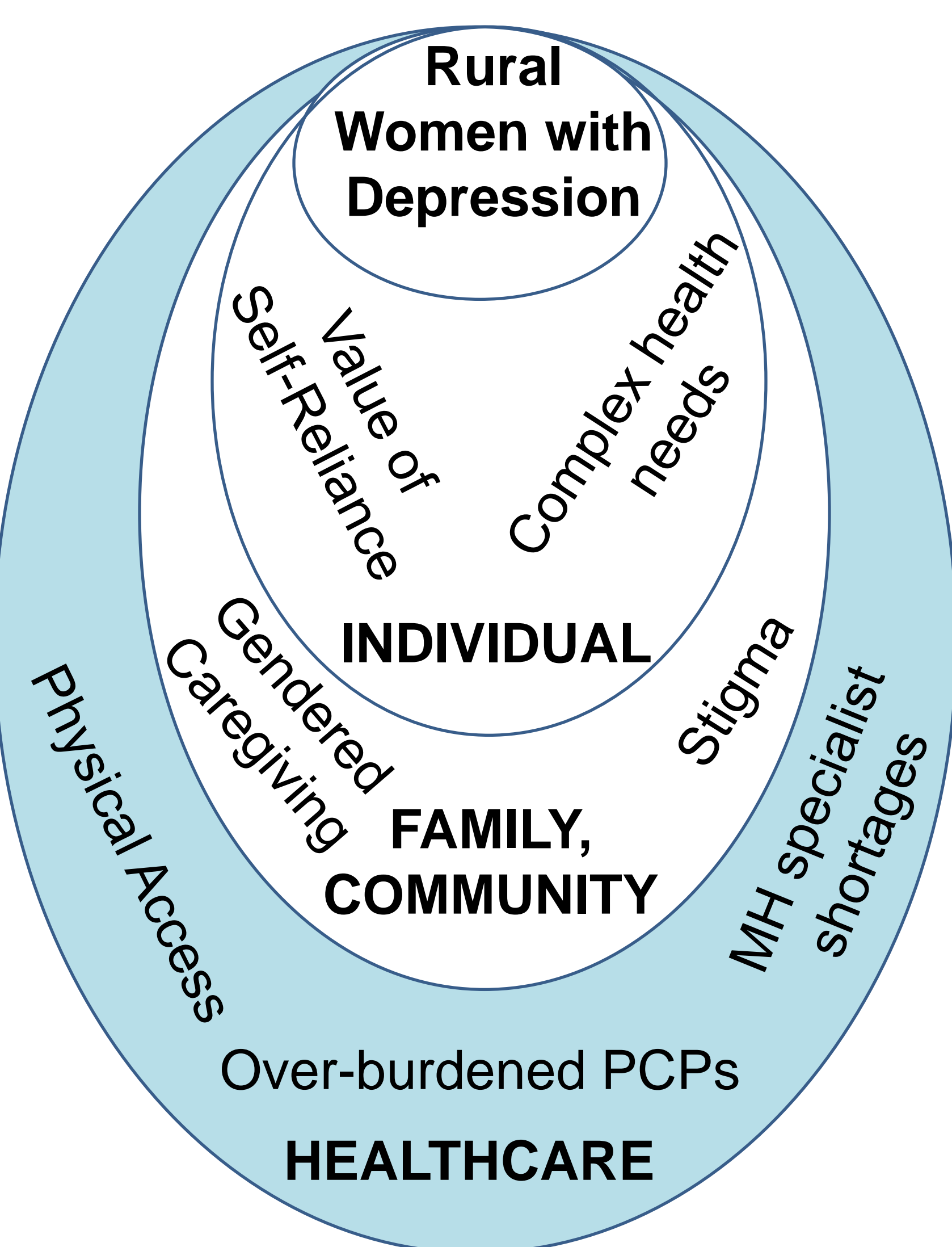
### RESULTS

**Table 1: Themes and Application to Adapted Intervention**

Theme	Facilitator Role	Suspicion of any treatment	Wellness	Legitimization of Mental Health	Setting
					
Quote	If you visit them at home and you explain all this, they're going to be like, 'hey I trust that; that might work; I'm going to go see what's that about.' –Provider	If they have some issue with mental health care or they haven't been treated well, emphasize that this would be different. –Provider	We have to present it in a way without saying, 'Oh it's all about depression'; I think we need to present it that it's a way to feel good. –CHW	It's not presented [as] 'well would you like to do this'; It's, 'well this is going to be part of your discharge planning.' –Provider	A great advantage of having it at a clinic-type setting [is that] women wouldn't have to call it anything, it could just be 'going to the doctor.' –Provider
Potential Adaptation	Before intervention begins, CHW (as facilitator) holds individual introductory session with each participant	In introductory session, discuss past and present experiences with treatment	Connect WRAP to women's overall health needs and self-care through messaging, wellness toolkit	Have providers refer patients to WRAP	Implement WRAP in primary care setting central in rural county

**Figure 2. Multi-level Barriers to Accessing Treatment Among Rural Women with Depression.**

Rural mental health intervention research has concentrated on decreasing healthcare-level barriers to accessing treatment (blue), yet social barriers (white) persist that make it difficult for women to access adequate treatment. Consequently, rural women access less mental healthcare than their urban counterparts.



- To meet these needs, we identified Wellness Recovery Action Planning (WRAP), an evidence-based recovery-oriented self-management program to augment treatment-as-usual
- WRAP is 8-session non-clinical program facilitated by trained peer providers created for individuals with serious mental illness
- Adaptations needed to be made to encourage participation of women whose poverty and depression would be barriers to involvement

### OBJECTIVE

Identify strategies to adapt WRAP in order to encourage participation and retention of rural women with depression

### CONCLUSIONS

- Non-clinical peer-provided programs hold great potential to improve rural women's mental health by decreasing the social barriers that obstruct their access to adequate traditional treatment
- Adaptations to recovery programs can make them feasible even in rural underserved settings where people may do not identify as mental health consumers

For more on Claire Snell-Rood:



#### ACKNOWLEDGEMENTS:

- **Research Participants**
- **Collaborators:** Dr. Frances Feltner, Keisha Hudson, Johnnie Lovins, and Wayne Noble at Center of Excellence in Rural Health; Community Health Workers at Kentucky Homeplace; North Fork Valley Community Health Center
- **Funders:** University of Kentucky (UK) Center for Clinical and Translational Science (NIH CTSA UL1TR001998); BIRCWH (5K12DA035150-03)