



LUNG CANCER
EDUCATION • AWARENESS
DETECTION • SURVIVORSHIP

Kentucky LEADS Collaborative

Survivorship Care (SC)

Jamie L. Studts, PhD

Associate Professor

Dept. of Behavioral Science

University of Kentucky

Assistant Director

Cancer Prevention and Control

Markey Cancer Center

jamie.studts@uky.edu



Lung Cancer Distress & Symptom Burden

- **Lung cancer is considered the cancer diagnosis associated with the greatest amount of distress**
- **Lung cancer is commonly treated with multiple modalities, creating substantial symptom burden**
- **Lung cancer itself causes significant symptom burden, partially due to the involvement of respiratory function**

Survivorship Care (SC) Aims and Hypotheses

- We hypothesize that the Lung Cancer SC Intervention and Training program will
 - improve quality of life, better symptom control, increase tobacco treatment, and reduce distress among lung cancer survivors;
 - improve quality of life, increase tobacco treatment, and reduce distress among family members/caregivers of individuals diagnosed with lung cancer;
 - increase self-efficacy and skills in providing lung cancer survivorship care among program providers (e.g., nurses, social workers, navigators, psychologists, etc.).

Survivorship Care (SC) Team

UK HealthCare

Markey Cancer Center

- Jamie L. Studts (PI)
- Michael Andrykowski (Co-I)
- Robin Vanderpool (Co-I)
- Jessica Burris (Co-I)
- Cynthia Robinson (Co-I)
- Susanne Arnold (Co-I)
- Courtney Blair (PC)
- Amy Christian (RC)
- Allyson Yates (Project Manager)

James Graham Brown

Cancer Center

A proud member of **U of L** Health Care

- Tara Schapmire (Co-I)
- Barbara Head (Co-I)



LUNG CANCER ALLIANCE

- Maureen Rigney (Co-I)
- Angela Criswell (KFC)

Consultants

- Paul Jacobsen, PhD (Moffitt)
- Jamie Ostroff, PhD (Memorial)

Community Advisory Board

- Nancy Alvey, LuCa Survivor
- Judy Kasey-Houlette
- Vicki Blevins-Booth
- David Gross
- Jessica Lehman, PhD

Survivorship Care (SC) Intervention Guiding Principles

- *Designed for Dissemination*

- Acceptable

- Feasible

- Intervention Delivery

- In-person, telephone, telemedicine, other

- Interventionists

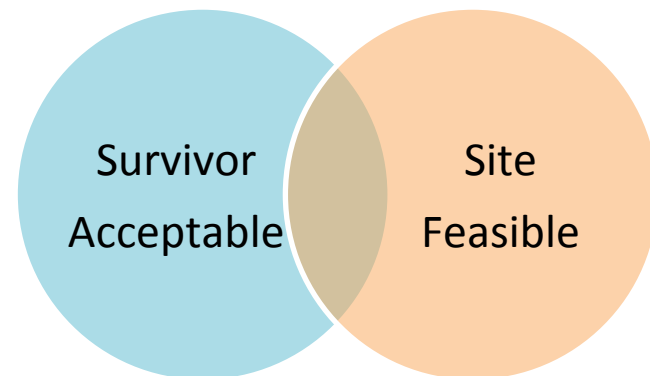
- Any survivorship care specialist identified by collaborating community site/cancer care program

- Targeted and Tailored Content

- Lung cancer targeted

- Patient/Caregiver tailored (survivor/provider)

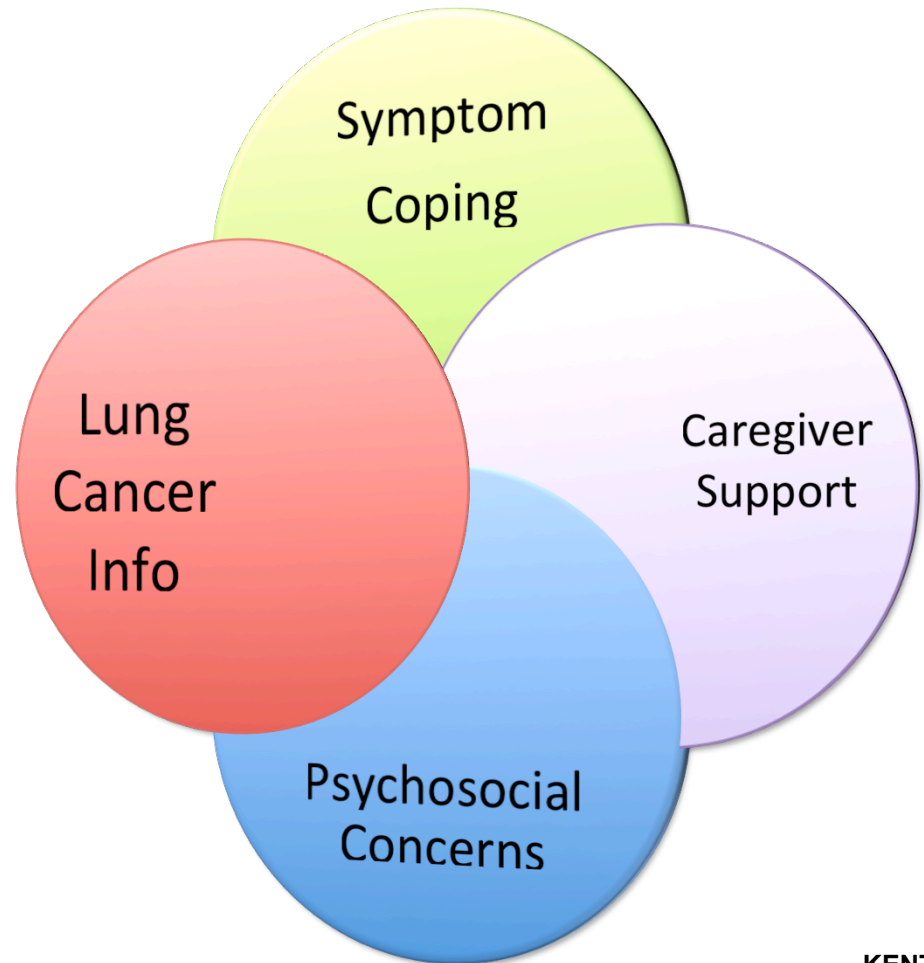
- Intervention determined by baseline assessment of survivorship concerns



Survivorship Care (SC)

Survivor and Caregiver Intervention

- Building a novel psychosocial survivorship care intervention for individuals diagnosed with lung cancer and their caregivers



SC Survivor Modules

- 1) Lung Cancer Basics
- 2) Navigating the Healthcare System
- 3) Coping with Pain and Addiction Concerns
- 4) Coping with Fatigue
- 5) Coping with Sleep Problems
- 6) Coping with Distress
- 7) Coping with Shortness of Breath
- 8) Social Support
- 9) Values and Decision Making
- 10) Healthy Living
- 11) Tobacco Use
- 12) *Caregiver Concerns and Self-Care***



Intervention Principles

- **Partnering/Supportive Counseling Style**
 - Rogerian/Motivational Interviewing
 - Coping with/addressing stigma concerns
- **Shared Decision Making and a Patient-Centered Approach**
 - Adaptable content that follows from assessment and patient preferences
 - Effort to maximize survivor acceptability of the intervention

Survivorship Care (SC) Specialist/Interventionist Training

Online CE
Intervention
Training

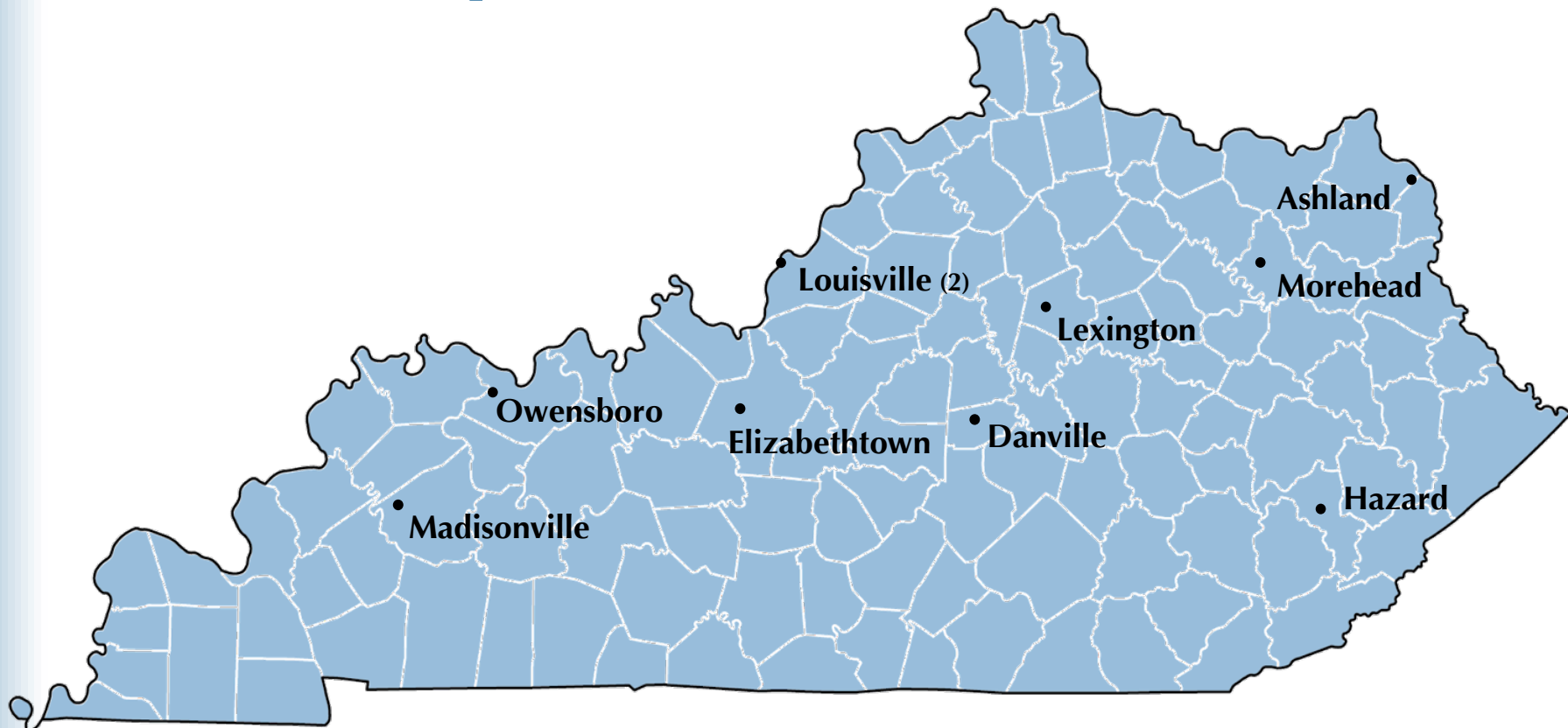
Training
Manual

In-Person
Module
Training

Learning
Community

- **Building a companion training program to support Kentucky LEADS SC Specialists in their work as lung cancer survivorship care interventionists**

Survivorship Care (SC) Implementation Sites



1. Baptist Health, Madisonville
2. Brown Cancer Center, Louisville
3. Ephraim McDowell Commonwealth Cancer Center, Danville
4. Hardin Memorial Hospital and Cancer Center, Elizabethtown
5. Hazard Appalachian Regional Healthcare, Hazard

6. King's Daughters Medical Center, Ashland
7. Markey Cancer Center, Lexington
8. Norton Cancer Institute, Louisville
9. Owensboro Health, Owensboro
10. St. Claire Regional Medical Center, Morehead

Survivorship Care Eligibility & Accrual Process

- **Inclusion Criteria**

- Anyone over age 18 with a diagnosis of lung cancer
- Ability to communicate verbally in English

- **Exclusion Criteria**

- Serious mental illness that would preclude participation
- Substance abuse that would preclude participation

- **Accrual Process**

- Within the standard site process
- Preferred:
 - Oncologist recommendation → research coordinator and interventionist contact

Survivorship Care (SC) Research Agenda

- Evaluate the impact of the training program on survivorship care specialists, focusing on lung cancer survivorship knowledge, self-efficacy and practices pertaining to providing support to lung cancer survivors and caregivers
- Evaluate the impact of the intervention on lung cancer survivors and caregivers, primarily focusing on quality of life, well-being, and symptom management

Intervention Research Plan (N=300)

- **Survivors/Caregivers (N=30 per site)**
 - Quality of Life (multiple domains to match intervention)
 - Pre, Post, 3-month follow-up
 - Key Informant Interviews with subset (2 per site)





**KENTUCKY
LEADS**
COLLABORATIVE

LUNG CANCER
EDUCATION • AWARENESS
DETECTION • SURVIVORSHIP

Thank You!

Survivorship Care



Survivorship Care Team Contact Information

- **Jamie L. Studts (PI)**
 - jamie.studts@uky.edu
 - (859) 323-0895 (office)
 - (859) 797-7908 (mobile)
- **Amy Christian (Research Coordinator)**
 - amy.christian@uky.edu
 - (859) 218-2482
- **Courtney Blair (Program Coordinator)**
 - courtney.shacklette@uky.edu
 - (859) 218-6638
- **Allyson Yates (Overall Project Manager)**
 - a.yates@uky.edu
 - (859) 218-3934



**KENTUCKY
LEADS**
COLLABORATIVE

LUNG CANCER
EDUCATION • AWARENESS
DETECTION • SURVIVORSHIP



KENTUCKY LEADS COLLABORATIVE

LUNG CANCER
EDUCATION • AWARENESS
DETECTION • SURVIVORSHIP

UK HealthCare
Markey Cancer Center



James Graham Brown
Cancer Center
A proud member of **UL** Health Care



Dedicated to reducing the burden of lung cancer in Kentucky and beyond through development, evaluation, and dissemination of novel, community-based interventions to promote provider education, survivorship care, and prevention and early detection regarding lung cancer.

Connect with us:

www.kentuckyleads.org

 Kentucky LEADS Collaborative

 @KentuckyLEADS

 KentuckyLEADS

Jamie L. Studts, PhD (Principal Investigator) jamie.studts@uky.edu

Alllyson Yates (Program Director) a.yates@uky.edu

**KENTUCKY
LEADS**
COLLABORATIVE