The Kentucky LEADS Collaborative

Jennifer Redmond Knight, DrPH
KY LEADS Collaborative
Kentucky Cancer Consortium
University of Kentucky

National Lung Cancer Roundtable Annual Meeting
Tuesday, December 11, 2018
Kentucky Lung Cancer Network (LCN)

- Part of Kentucky’s comprehensive cancer coalition (CDC funded)
- Formed in 2013 to address KY’s #1 cancer
- Focused on prevention and early detection
  - Tobacco Treatment
  - Secondhand Smoke
  - Radon Prevention
  - Lung Cancer Screening
Kentucky Lung Cancer Network

- Key partners receive emails from Bristol Myers Squibb Foundation (BMSF) about potential grant

- KCC convenes, facilitates and suggests a collaborative application

- University of Kentucky, University of Louisville and Lung Cancer Alliance submit proposal
What is Kentucky LEADS?

Kentucky LEADS is 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.

2014 – Celebrate grant award
2014 – Freak out about grant
2015-18 – Develop
2016-19 – Implement
2019-20 – Analyze
2018-20 – Share Results
Who is Kentucky LEADS?

University of Kentucky: Jamie L. Studts, Timothy Mullett, Jennifer Redmond Knight, Allyson Yates.....

University of Louisville: Goetz Kloecker, Connie Sorrell, Celeste Worth, Ruth Mattingly....

Lung Cancer Alliance: Emily Eyres, Angela Criswell...
Component Descriptions

Provider Education
- Educate primary care providers in Kentucky regarding implementation of innovations in lung cancer prevention, control, and care

Survivorship Care
- Develop and evaluate a novel lung cancer survivorship care program for survivors and caregivers

Prevention Early Detect
- Facilitate implementation of high quality lung cancer screening throughout Kentucky
Provider Education

- **Continuing Education/Training for KY Primary Care Providers and Other Health Professionals**
  - Academic Detailing (One-on-One visits) at PCP Practices
  - Online Courses
  - Large Group Presentations
  - Webinar

- **Screening/Treatment Research**
  - LCS utilization and adherence
  - Treatment and care patterns
    - One out of five patients diagnosed with LC in KY is not treated
Survivorship Care

• Evaluate feasibility and acceptability of the Kentucky LEADS Collaborative Lung Cancer Survivorship Care Program among lung cancer survivors and caregivers

• Participants from 9 lung cancer care facilities across the state of Kentucky

• Data from patient-reported outcome surveys
  – demographic characteristics
  – disease/treatment information
  – symptom burden
  – psychosocial functioning and quality of life
  – health behaviors
Prevention and Early Detection

- Understanding what it takes to implement high-quality lung cancer screening in Kentucky
- Implementation Science approach
- 10 sites across Kentucky
- Combining case level data with site-level data from lung cancer screening program team members at each site
- Providing comprehensive toolkit of implementation strategies to support sites (Study Resource Portal)
- LCA “Live More Moments” Media Campaign (Q2 2019)
Lung Cancer Alliance Connection and Support

Within the Administrative Core of Kentucky LEADS, LCA brings a national perspective to the project and more than 20 years of experience in lung cancer advocacy, education, and support.

- National Framework for Excellence in Lung Cancer Screening and Continuum of Care
- 600+ Screening Centers of Excellence designees
- Annual Screening and Care Conference
- Technical assistance—screening coverage and implementation
- Advocacy—national, state policymakers and regulators
- Educational materials—screening through treatment
- Awareness activities—Shine a Light on Lung Cancer, Live More Moments media campaign
What is happening now?

- **Administrative Core (AC):** Continues to Support
  Prepares Reports
  Organizes Board Meetings

- **Provider Education (C1):** Analyzing Data
  Disseminating Results

- **Survivorship Care (C2):** Closing Trial
  Analyzing Data
  Preparing Dissemination

- **Prevent/Early Detect (C3):** Finalizing Launch Preparations
  Implementation
  Sharing Ideas

- **Lung Cancer Alliance (LCA):** Continues to Support
  Preparing Media for C3
What have we learned?

• Kentucky is more ready than ever to address our lung cancer burden.

• The level of community collaboration has been incredible for every element.

• Key Principles:
  – It takes persistence, but Kentucky clinicians benefit from lung cancer educational efforts.
  – Lung cancer survivors and caregivers will participate in survivorship care interventions if targeted and tailored.
  – Lung cancer screening is complex.
Q&A and Discussion