

# Morehouse School of Medicine/Tuskegee University/University of Alabama at Birmingham O'Neal CCC U54 Partnership



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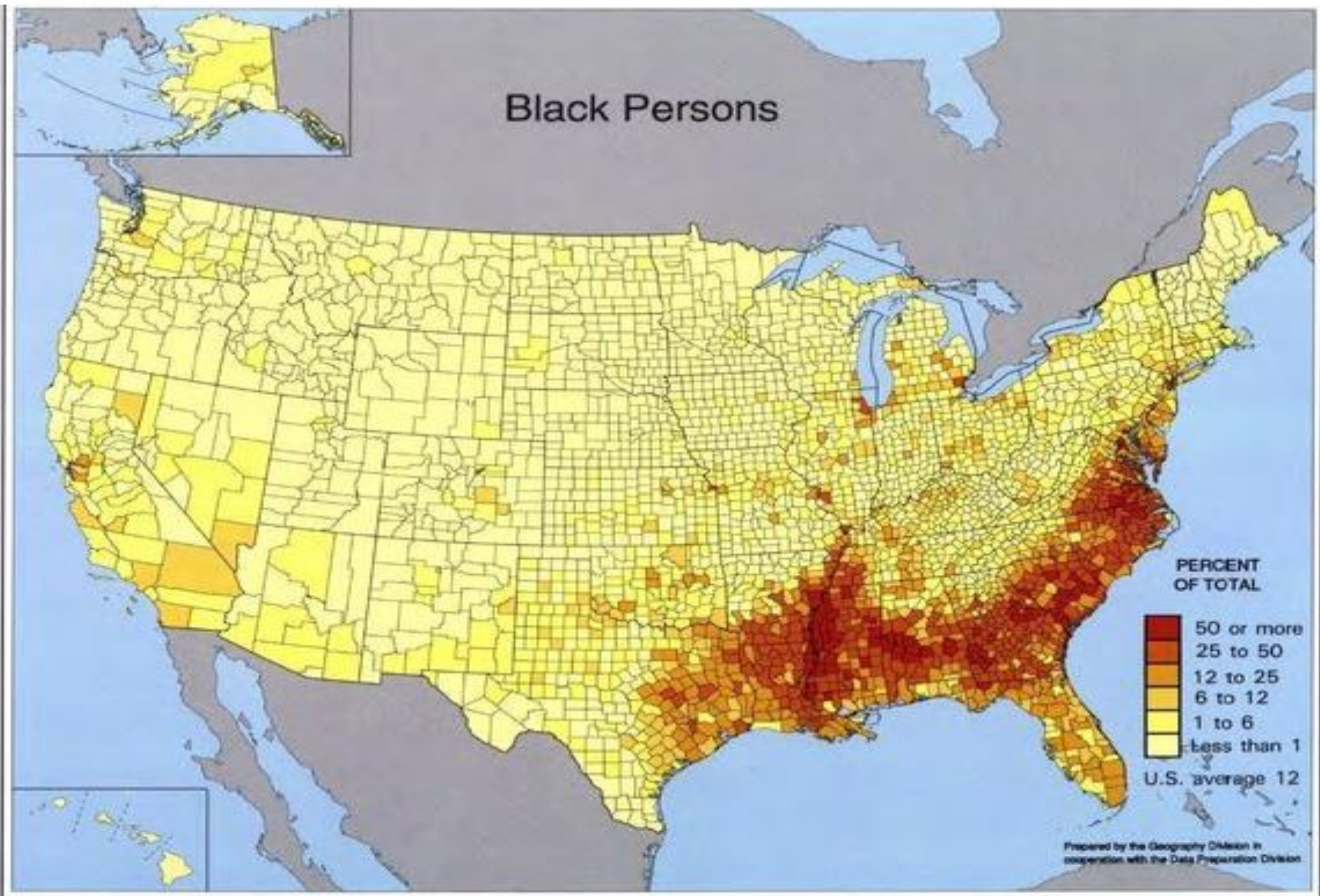
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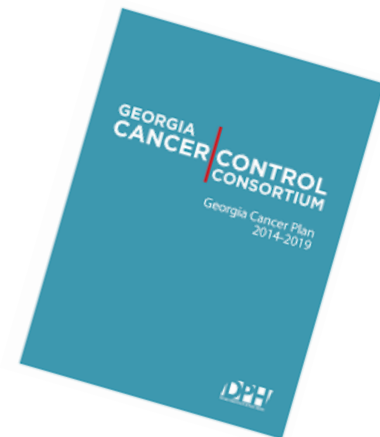
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MPI  
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# Outreach Core Co-Leaders

# The Black Belt Region

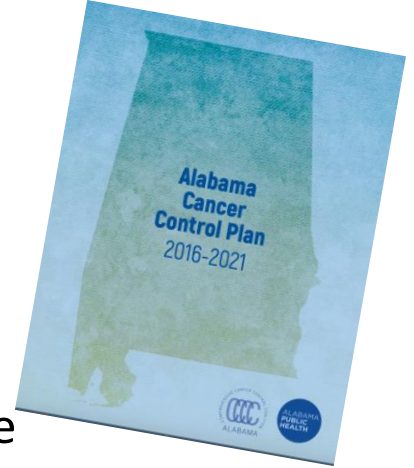


# Georgia Cancer Facts



- Cancer remains the 2<sup>nd</sup> leading cause of death in the state
- Four types of cancer – lung, colorectal, breast, and prostate – account for more than half of all cancer deaths
- Lung and colorectal cancers continue to be the two leading causes of cancer death
- Black males are 19% more likely than white males to die from cancer, while black females are 9% more likely to die of cancer than white females.
- Cobb, Douglas, Fulton, and DeKalb counties have higher incidence rates of breast cancer compared to the state of Georgia.
  - Based on recent mortality rates, Clayton, East Central, West Central, Southeast, and Northeast health districts have more deaths attributed to colorectal cancer than the state average.

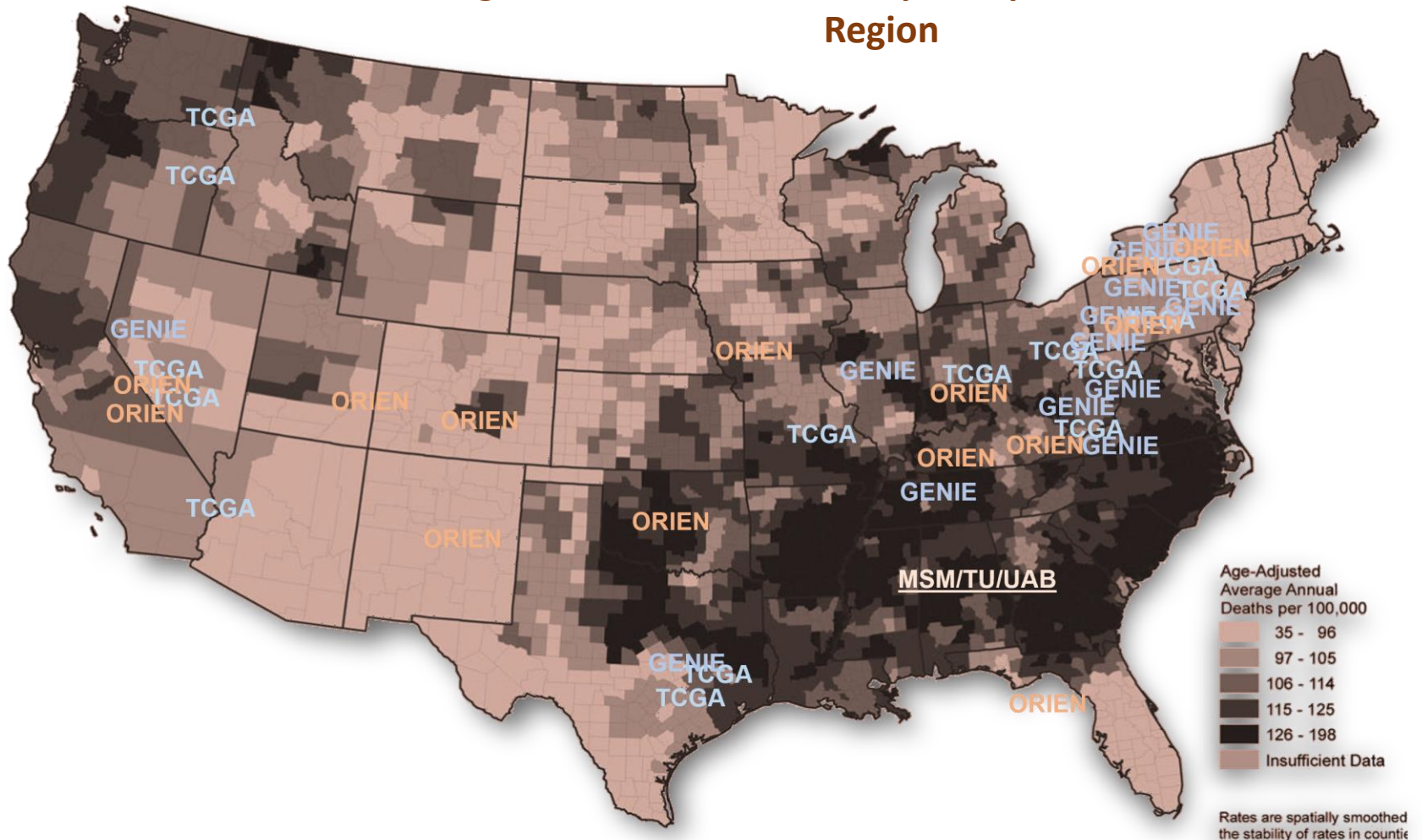
# Alabama Cancer Facts



- Cancer remains the 2nd leading cause of death in the state
- Four types of cancer – lung, colorectal, breast, pancreas, and prostate – account for more than half of all cancer deaths
- Lung and colorectal cancers continue to be the two leading causes of cancer death
- Black males have a higher cancer mortality rate than white males with a rate of 299.4 per 100,000 vs. 235.6 per 100,000, while black females had a higher cancer mortality rate than white females with a rate of 165.7 per 100,000 vs. 149.3 per 100,000.
- The incidence and mortality rates of cancer show disparities among minority and rural populations within Alabama.



## Establish and maintain OUTREACH through cancer education, training, and research/research participation in the Black Belt Region





Guest Editor: Stephen Olufemi Sodeke, PhD, MA  
Co-Director, Bioethics

- Compendium of Papers Emerging from the **2019 Bioethics Issues Conference on Minority Health and Health Disparities Research** hosted Tuskegee University, Morehouse School of Medicine, and University of Alabama at Birmingham Comprehensive Cancer Center on January 23-25, 2019.
- Theme: Personalized Medicine
  - *Vulnerability and Ethical Obligations*
  - *Collaborative Bioethic Approaches in Public Health*
  - *Intervention Research standards and models*
- **Outreach Core Leaders and Collaborators co-published several papers**

# Overarching Goal

- Identify effective participant engagement strategies to increase enrollment of African Americans and Latinx populations in **cancer genomic research and clinical trials**.
- Implement and evaluate an evidence-based, theory-informed, multi-level, *clinical trial and cancer genomics education program* (CTC-GEP) to address the determinants for African American and Latinx participation in clinical trials and cancer genomics research.



# Administrative Core

## Outreach Core

- CTC-GEP
- Community Navigator Training to become Clinical Trial Navigators to deliver/increase
  - low-tech (Educational Material)
  - High-tech (mobile technology)
  - Minority recruitment into clinical trials and genomic studies

## Res Edu Core

- Grow Cells – High School
- CRISP - Undergraduate
- SCREP- Graduate
- HDREP-Postdoc/ESI
- Cancer Res Symposium
- Cancer Info Cafes

## Research Projects

- One Pilot (1-3 yrs)
- Two Full (1-3 yrs)
- Four New Pilots (4 & 5 yrs)

**Biostatistics & Bioinformatics Shared Resource**

**Bioethics Shared Resource**

# Planning and Evaluation Core



- **Research Education Core (REC)-**

- Scholars will participate in the implementation of the core activities of the OC and engagement with the JCAR;
- Interactions with the CCNs, scholars will learn the role and impact of CBPR methods in the context of addressing cancer health disparities through community engagement
- Will provide scholars the opportunity to present their research findings to community members and stakeholders through Cancer Info Cafés

- **Full and Pilot Research Projects**

- Collaborate with the Full and Pilot Projects when appropriate, particularly in “translating” research findings into lay audience language

- **Bioethics Shared Resource**

- Will be instrumental in the implementation and evaluation of the CCN training and the implementation of CTC-GEP.
- Ensure ethical considerations in the dissemination clinical trials and genomic education.

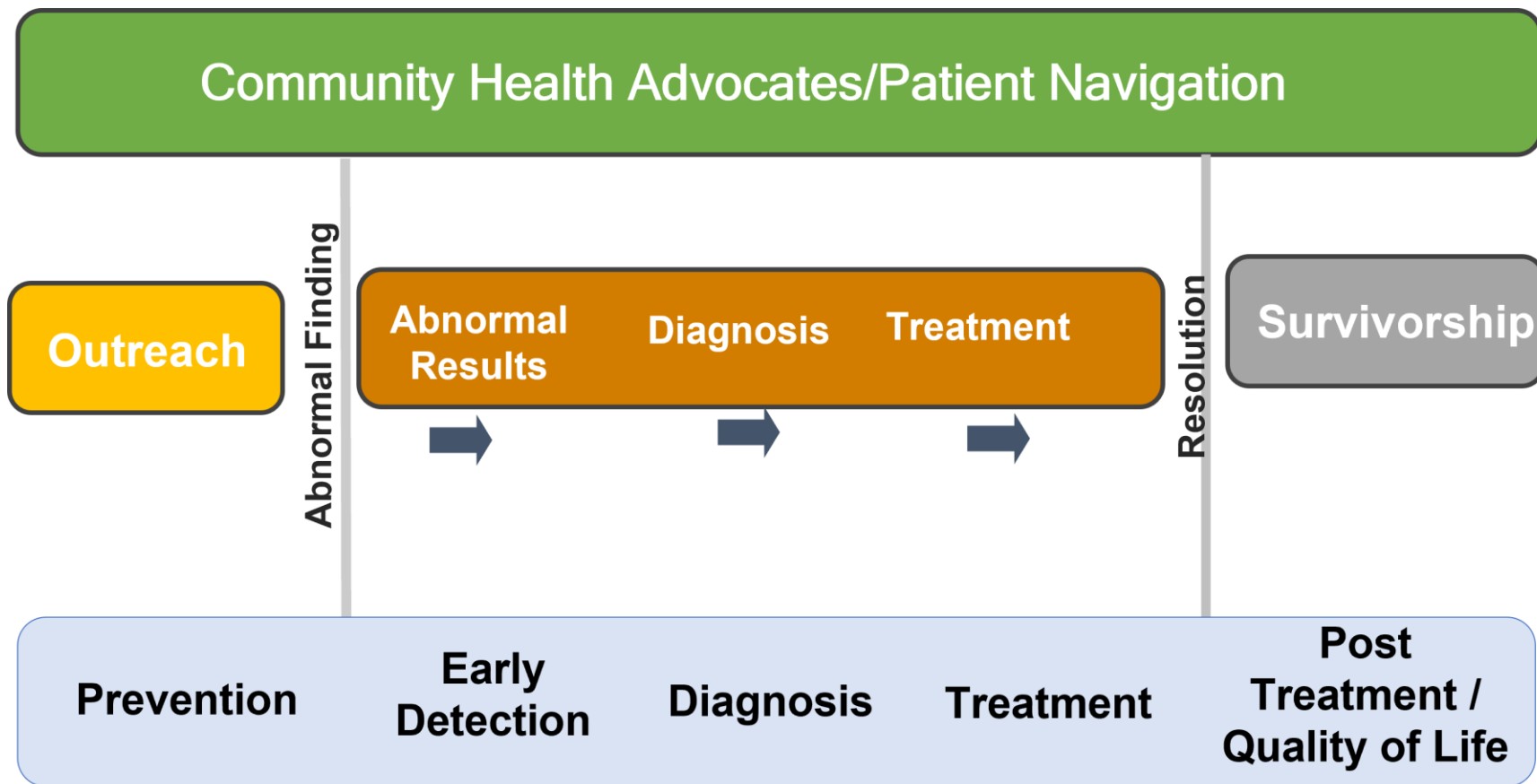
- **Biostatistics/Bioinformatics Shared Resource**

- Will guide the statistical analyses needed to assess the proposed outcomes.

- **Morehouse School of Medicine – Total Cancer Care®** is a research protocol led by **Dr. James Lillard** that partners with patients with the goals of using longitudinally collected data and biospecimens to 1) identify the needs of patients and their families; 2) develop an evidence-based approach to meet those needs; and 3) develop molecular markers to predict needs so they can be prevented.
- The long-term objective of this study is to develop an improved standard of cancer care throughout the State of Georgia and beyond by facilitating new clinical trials, new technology, new informatics solutions, and “personalized medicine” at MSM and to its collaborators, including a consortium of academic medical centers, community hospital systems, and other health care providers. The Total Cancer Care Protocol will bring new translational research to the community.
- This is not a treatment study; rather, it is an implementation of a centralized clinical data and tissue repository. The Total Cancer Care Protocol will be offered via the Outreach Core to those interested in participating in research. Tuskegee University and its community oncology partners have recently joined the Total Cancer Care agenda.
- **Tuskegee University – IRONMAN Initiative** – The International Registry for Men with Advanced Prostate Cancer (IRONMAN) Initiative, led by **Dr. Clayton Yates**, is a program that seeks to understand the variations in prostate cancer and to evaluate various treatment modalities. The Initiative compiles an international registry of men of diverse racial and ethnic backgrounds with advanced prostate cancer and tracks them for a period of 5 years. During that period, the participants’ clinical, epidemiological, and biological information is collected to determine the diversity of treatment, level of efficacy in treatment modality, and survival rates.
- Tuskegee University, under the direction of Dr. Yates, has been a leader in securing minority patient representation and recruiting minority-serving institutions to the initiative. Tuskegee University is dedicated to ensuring that both racial and ethnic diversity are recognized to provide a more comprehensive review of treatment modalities.
- The IRONMAN initiative will be offered to participants recruited via the Outreach Core who are interested in participating in this research. Morehouse School of Medicine and its community oncology affiliates have recently joined the IRONMAN study. Therefore, there will be several sites in Atlanta and rural Georgia where patients will be approached to join the registry.

# Deep South CHA Network

Over 1700 CHAs trained



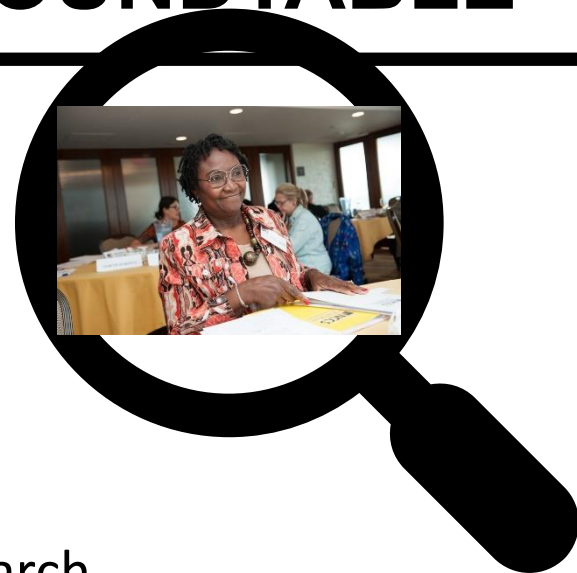
Partnership has a **strong history of recruiting and training lay individuals** as community health workers and navigators to disseminate cancer education and information for cancer prevention, early detection, treatment, survivorship, and most recently, clinical trials participation.

# Lessons Learned

- *Community health is a local issue*, and that each institution is situated within a unique community with specific needs and assets.
- Over the past decade, we have made significant progress in...
  - How we administer the science of outreach to understand, prevent, and treat cancer
  - We have learned cancer health disparities is influenced by many factors (multilevel influences)
  - Shift from a 'one size fits all' approach to a more personalized approach-Precision Medicine (the use of information about an individual's biology, behavior, and social factors) to prevent, diagnose, and treat disease.
- Diverse **RESEARCH PARTICIPATION** in research matters!!!

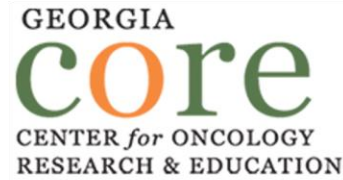
# JOINT CANCER ADVISORY ROUNDTABLE

- JCAR member Virgie Townsend
  - Elevate Ambassador
  - Attended National Coalition for Cancer Survivorship
  - Attended Rally for Medical Research
  - Attended American Association for Cancer Research
  - Attended Writer's Retreat at UAB
  - Launching a Patient Advocacy Support Network
  - Attend partnership meetings and programs
  - Certified Community Health Worker
    - Advanced Care Planning Program
  - Attends and speak at the ACCCC (Alabama Comprehensive Cancer Control Council)





# Community Partners





13TH ANNUAL HEALTHY LIFESTYLE

# HEALTH MARATHON

For National Wellness and Prevention

#TUMARATHONCONTINUES

**4/4/2020 | 8AM**

DOWNTOWN TUSKEGEE SQUARE

**12K MARATHON**  
COMPETITIVE & NON-COMPETITIVE  
CYCLISTS | RUNNERS | WALKERS

& **5K** NON-COMPETITIVE  
RUN | WALK

Volunteers Needed

Free T-Shirts

123







CANCER

SURVIVORS DAY

CELEBRATION 2019



## 2019 Cancer Seminar Series



### "Translational Issues in Cancer Health Equity"

**CHANITA HUGHES-HALBERT, PHD**

Associate Dean for Assessment, Evaluation, and Quality Improvement  
College of Medicine

Professor

Department of Psychiatry and Behavioral Sciences

AT&T Distinguished Endowed Chair for Cancer Equity  
Hollings Cancer Center, Medical University of South Carolina

**TUESDAY, OCTOBER 15, 2019**  
**NATIONAL CENTER FOR PRIMARY CARE**  
**4TH FLOOR BOARD ROOM**

PRESENTATION | 11:30 AM  
LUNCH WITH SPEAKER | 12:30 PM  
(Lunch for MSM students & post-docs only)

MOREHOUSE SCHOOL OF MEDICINE  
720 WESTVIEW DRIVE SW | ATLANTA, GA 30310





**O'NEAL** COMPREHENSIVE  
CANCER CENTER

**UAB** THE UNIVERSITY OF ALABAMA AT BIRMINGHAM