



**INNOVATION
LEARNING
LABORATORY**
AT MOREHOUSE SCHOOL OF MEDICINE



MOREHOUSE
SCHOOL OF MEDICINE

IMPACT REPORT

2014-2023



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DEAR COMMUNITY CHANGEMAKERS,

I hope this message finds you in good health and high spirits. Today, I write to you with immense pride and excitement as I reflect on the remarkable progress, we have made in leading the advancement and creation of health equity at Morehouse School of Medicine. Our dedication and collaborative efforts have truly made a lasting impact on the communities we serve.

It is my honor to introduce you to the Innovation Learning Laboratory for Population Health, a vibrant and transformative hub within the Department of Family Medicine. This laboratory has become a beacon of innovation, nurturing groundbreaking programs, projects, and curricula aimed at addressing the pressing challenges faced by underserved populations. Through our collective efforts, we are reshaping the landscape of population health and making a positive difference in the lives of countless individuals.

One of the cornerstones of the Innovation Learning Laboratory is our commitment to fostering interdisciplinary collaboration. We have brought together brilliant minds from various fields, including medicine, public health, social sciences, technology, and community participants to develop holistic approaches to address health disparities. The laboratory serves as a nexus for innovation, enabling cross-pollination of ideas and the creation of unique solutions that tackle the root causes of health inequities.

Our programs and projects within the laboratory have yielded groundbreaking results and garnered national recognition. Allow me to share a few highlights:

1. "Young Adult Mental Health Program": This innovative program empowers young adults to become leaders in health promotion and disease prevention by addressing mental health and wellbeing. By providing young adults with the necessary knowledge, skills, and resources, we are building a network of dedicated individuals who can advocate for their communities and drive sustainable change.
2. "Black Girls Health Tech Innovation Academy": Leveraging the power of data science and health technology, our team has developed an innovative program and virtual learning experience to introduce rising high school female freshmen, juniors and seniors to the field of Health Technology. By harnessing the potential of technology and emphasizing the importance of generating population level intervention and solutions using technology, we are making strides in predicting and preventing adverse health outcomes.
3. "Culturally Competent Curricula": We are proud to offer a diverse range of curricula that emphasize cultural competence and health equity. Our students, participants, and Community Health Workers are equipped with the knowledge and skills to understand the unique needs of different populations and provide culturally sensitive care.

These are just a few examples of the groundbreaking work taking place within the Innovation Learning Laboratory for Population Health. Every day, our participants and staff are pushing boundaries, challenging norms, and creating a brighter future for population health.

As we continue to forge ahead, I invite you all to contribute your ideas, expertise, and passion to this important cause. Together, we can make a lasting impact on health equity and transform the lives of individuals and communities that have long been marginalized.

I am immensely proud of the progress we have made, and I have no doubt that our collective efforts will continue to shape the future of the population for the better. Let us celebrate our achievements and remain steadfast in our commitment to achieving health equity.

With gratitude and excitement,

Arletha Lizana (Livingston), PhD, MPH, MBA

Principal Investigator, Morehouse School of Medicine Innovation Learning Laboratory
Associate Professor, Department of Family Medicine
Associate Vice President, Health Innovation and Strategy



ABOUT THE INNOVATION LEARNING LABORATORY FOR POPULATION HEALTH AT MOREHOUSE SCHOOL OF MEDICINE

The Innovation Learning Laboratory for Population Health at Morehouse School of Medicine is a community-centered learning laboratory within the Department of Family Medicine. The Innovation Laboratory for Population Health designs and implements demonstration projects (including translational studies) that generate innovative technology-driven healthcare models and fuel teaching and learning for population health improvement. The Laboratory serves three main functions: 1) Identify, design develop, demonstrate, and disseminate innovative models of health care improvement; 2) Study and foster population health through patient, community consumer and provider engagement; and 3) Prepare 21st-century healthcare leaders/workers-including training for students, community, faculty, and providers. The Lab's business model includes cost-saving & revenue generating activities.

TEAM MEMBERS

The talented individuals delivering community impact:

Arletha Livingston (Lizana), PhD, MPH, MBA
Principal Investigator/Director II

Christina Evans, MPH
Assistant Director

Somilez Francis, MS
Associate Project Director

Amina Isom, MPH
Program Manager (Administration)

Frank Sutton, MPH
Program Manager (Community Engagement)

Matthew Calhoun, MPH
Program Manager/Research Assistant III
(Data, Monitoring, and Evaluation)

Harrittia Harper
Program Coordinator
(Community Engagement and Adult Programs)

Christie George
Program Coordinator
(Youth and Young Adult Programs)

ACKNOWLEDGEMENTS

Folashade Omole, MD
Chair, Department of Family Medicine (DOFM)

Christopher Ervin, MD
Director of Community-Based Initiatives and MSM HEAL
Clinic- DOFM

Valerie David, DHA
Director II, Finance and Administration- DOFM

DOFM Administrative Staff

Jinjie Zheng, PhD, MS, MA
Assistant Dean and Director, Office of Digital Learning

William Ashley Davis

Gail McCray, MA, MCHES
Instructor and Community Health Educator, Community Health
and Preventive Medicine

Virginia Floyd, MD, MPH
Associate Professor, Community Health and Preventative
Medicine

Taya Scott, EdD
Chief Innovation Officer, Office of IMpact and INovation

Joseph "Adrian" Tyndall, MD, MPH, FACEP
Executive Vice President of Health Affairs
Professor and Dean, Morehouse School of Medicine

Valerie Montgomery Rice, MD, FACOG
President and CEO, Morehouse School of Medicine

The many organizations that collaborate with us to deliver impact:

PARTNERS & COLLABORATORS

MSM Office of Digital Learning
MSM HEAL Clinic
MSM Prevention Research Center
MSM Department of Psychiatry
MSM Family Medicine Residency Program
MSM Maternal Health Department

MSM Health Promotion Resource Center
Morehouse Healthcare
MSM Department of Neurology
MSM Master of Public Health Program
Morehouse CHOICE ACO
Georgia CEAL

Tennessee CEAL
Good Samaritan Health and Wellness Center
Dr. Tommy Begay, University of Arizona

Deborah Mekiana, University of Alaska
Meharry Medical College
Georgia State
Horizons Community
H.J.C. Bowden Senior Center
Gateway Restoration Church

Antioch Urban Ministries, Inc
Tohono O'odham Nation
The 1 Joshua Group
Cobb Electric Membership Corporation

Fulton County Commission District 4
Natalie Hail
Art in the Paint

Fountain City Classic, Inc
Ser Familia, Inc.
Savannah- Whitefield Center
Atlanta Regional Collaborative for
Health Improvement (ARCHI)
The Task Force for Global Health
Dropbox Inc
Bulb Graphics LLC
CareSource
Amerigroup
YMCA of Metro Atlanta
Boys and Girls Club of Metro Atlanta
Booker T. Washington High School
KIPP Collegiate
Carver High School
D.M. Therrell High School
Miller Grove High School
Hapeville Charter Career Academy-GA
Pace Academy-GA
Dunaire Elementary School

Google Health
Annie E Casey Foundation
Doris Duke Foundation
National Institutes of Health
Health Resources and Services Administration
U.S. Department of Health and
Human Services

Cobb and Douglas Public Health
Clayton County Health Department
Fulton County Board of Health
Georgia Department of Community Health
C.O.R.E
Odyssey Family Counseling

One Stop Program – T'ono O'dham Nation
Highland Rivers Behavioral Health
University of Arizona
College of Medicine- Tucson
University of South Florida
Morehouse College
University of Georgia
Oasis at Scholars Landing
J.C. Lewis Primary Health Center
New Pilgrim Missionary Baptist Church

GIFT Church
Rebati Sante Mentale
Ashlin Management Group
Barnesville-Lamar County
Chamber of Commerce
100 Black Men of North Metro Atlanta

Delta Sigma Theta Sorority Inc
Douglasville Chapter
LaTonya Pringle
Safehouse Outreach Atlanta
Savannah- MLK Observance Day Association
Atlanta Regional Commission

Georgia Watch
Momentive
Developing Solutions Consulting Agency
Centene
JSI
Arthur M. Blank Family Youth YMCA
South Gwinnett High School
Tri-Cities High School
Benjamin E. Mays High School
Frederick Douglas High School
Colombia High School
Southwest DeKalb High School
Waubonsie Valley High School- IL
Forsyth Central High School-GA
Finch Elementary School

United Way
WellCare
Piedmont Health
Grady Health
Wellstar
Georgia Department of Public Health

Black Girls Dream Fund
African American Male Wellness Agency
Black Girls Health Foundation
Kaiser Permanente
Children's Healthcare of Atlanta
Substance Abuse and Mental Health Services
Administration
Oak Hill Child Family and Adolescent Center
AARP Foundation
University of Alaska Fairbanks

Spelman College
Kennesaw State University
Springview Apartments/ STAR-C
Atrium at College Town
Georgia Health Policy Center
Saint Peters and Paul
Catholic Haitian Chaplaincy of Atlanta
Path Church
Mosaic Group
Mojo + Marketing
By Design


National Coalition of 100 Black Women-
metro Atlanta
Links, Inc.

Yvonne Corella
Leon Frank Agency
Healthy Savannah Coalition
Hispanic Health Coalition of Georgia

SPCC Atlanta AHEC
Qualtrics, LLC
Jack Nadel International
Mercy Care
South Dekalb YMCA
Andrew & Walter Young YMCA
Cambridge High School-GA
Banneker High School
McClarín High School
Langston Hughes High School
Arabia Mountain High School
Westlake High School- GA
Eagle's Landing High School- GA
St. Mary's City School District- AK
M. Agnes Jones Elementary School

INNOVATIVE LEARNING LABORATORY COURSES

We develop next-generation changemakers, thinkers, and problem solvers through online course curricula and a variety of experiential learning opportunities and programs.

 **827**
CHW/Outreach Workers Trained through the Innovation Lab

 **64%**
increase in trained CHWs from 2016-2023

 **9**
New Curriculum Courses

 **35**
Student-led Community Projects

 **\$495K+**
participant/student stipends awarded

TRAINING & COMMUNITY ENGAGEMENT PRODUCTS

High School and Young Adult Community Health Worker Program & Curriculum	High School and Young Adult Opioid Reduction Training Program & Curriculum	Black Girls Health Tech Innovation Academy	High School and Young Adult Training of Trainers (TOT)	Young Adult Mental Health Program & Curriculum
Adult Community Health Worker Training Curriculum	Indigenous American Young Adult Community Health Worker Training Program & Curriculum	Young Adult Mental Health Training of Trainers (TOT)	Adult Community Health Worker Training of Trainers (TOT)	Promising Practices Community Innovation Academy
Haitian American Community Health Worker Program & Curriculum	FAMSTRONG-Community Mental Health Boxes	African & African Diaspora Natural and Traditional Medicine Certificate Program	Maternal Health/Perinatal Patient Navigator Training Curriculum	Introduction to Research, Evaluation, and Data Science Curriculum
Outreach Workers Rapid Deployment Toolkit	Care Coordination Toolkit for High-Risk Patients	Clayton County COVID-19 Toolkits	Health Equity IQ App	We LinkHealth App
	Data Science Bootcamp		CHW Apprenticeship Curriculum	

For purchase information click here: [Innovation Learning Laboratory Catalog](#)



STUDENT EXPERIENCE HIGHLIGHT

We train high school students to be community health workers and ambassadors in their communities.

High School Young Adult Community Health Worker Program

The High School & Young Adults Community Health Worker training program is a year-long training program that seeks to increase the number of trained HSYACHWs to engage family, peers and community in strategies for better health and wellness.

During the MSM HSYACHW summer program, students undergo a 7-week training utilizing the Morehouse School of Medicine HSYACHW Digital Learning Curriculum. The MSM HSYACHW training includes a combination of virtual shadowing experiences, self-guided and facilitated curriculum activities, and interactive virtual sessions led by medical and public health professionals. Upon successfully completing program requirements, students receive a certificate of completion and engage in 50 additional hours of monthly continuing education as part of the school year engagement component.



Total High School CHW Alumni Graduates (Since Inception in 2016)



High School Community Health Workers Trained Solely Through Curriculum Purchases



Total High School & Young Adult Community Health Workers trained (As of June 2023)

Many of our High School CHW alumni are pursuing a health science related degree in college, have graduated, and several have entered medical school.

STUDENT QUOTES



“I give the training an excellent score because each module educates and prepares you for the medical field. Each module goes into depth and clearly explains every detail and fact you will need to know to become a successful community healthcare worker.”

McKenzie Hornsby, Cohort 1 Alumni, Booker T Washington High School Graduate, College, BS in Health Sciences Class of Spelman 2023

- Cohort 3- Class of 2018: Cierra Berry is enrolled in Duke's Doctorate of Physical Therapy
- Student Frederica Farley - is a Certified Medical Assistant Class of 2017- Cohort 2
- Cohort 2 - Class of 2017 Student: Danielle Johnson, is an incoming MS1 at the Perelman School of Medicine at Upenn
- Cohort 6- Jan 2021- Dana Funderbirk-Tennessee State University
- Cohort 4- 2019- Karringtin Daughtry-Biology Student Miss Sophomore at Allen University
- Josiah Drakes, Cohort 5- graduated from High School in 2021. He is now a Sophomore Presidential Scholar and Psychology Pre-Med student at Xavier University. He successfully completed a Sports Medicine Internship at Xavier University from August 2022-May 2023 and has a summer internship at UPENN

SPONSORED RESEARCH PROGRAMS

Over
13.6M
Total Grant Funding Awarded

 **11**
Publications

 **20**
Professional Presentations

Selected Sponsored Research Programs

U54MD007602-34S3 Livingston (Co-PI) Bastien (Co-PI) Bond (PI) RCMI Supplement Young Adult (18-24) Community mental Health Workers Vaccine Hesitancy, Uptake and Community Engagement

3U54MD007602-34S2 Livingston (Co-Investigator) Holliday (PI) A Multi-Level Community Based Approach to PrEP Uptake for African American Women

DDF Grant #: 2021067 Livingston (Lizana) PI: To develop a culturally and linguistically appropriate high school and young adult community health worker training program for Indigenous youth community health workers to deliver health and mental health educational information to families

6 U3UHS45471-01-01 Livingston (Lizana) PI: Community-Based Workforce to Build COVID-19 Vaccine Confidence

GA1RH39578-01 Livingston (Co-PI) Omole (PI) Health Resources and Services Administration (HRSA) Rural Communities Opioid Response Implementation (RECORP)- Community Education and Training in Opioid Use Reduction (CETOUR)

NIH Office of Minority Health National COVID-19 Resiliency Network Livingston (CHW Lead) Mack (PI)

Community Health Worker Initiative Cobb Douglas Public Health- Dr. Mack PI, Dr. Lizana Project Director

Annie E Casey: Mom's Heart Matters, Dr. Lizana PI

Southern Black Girls and Women's Consortium- Black Girl Dream Fund: Black Girls Health Teach Innovation Academy, Dr. Lizana PI

Google Health: High School Young Adult Community Health Worker Program, Dr. Lizana PI

Kessler Foundation: Students Hanging Out with Seniors, Dr. Omole PI, Dr. Lizana Co-PI

American Association of Retired Persons (AARP) SHOWS (Students Hanging Out With Seniors) Compassionate Care social isolation mitigation Pilot, Omole(PI), Lizana (Co-PI) Georgia Health Foundation (PI)

United Health Foundation- Patient-Centered Medical Home, Lizana (PI)

SPONSORED PROGRAM HIGHLIGHT

Sponsored Program Highlight

Dr. Arletha Lizana and the Innovation Learning Laboratory at Morehouse School of Medicine were awarded \$9.7 Million dollars to lead the Community –Based Workforce to Build COVID-19 Vaccine Confidence, also known as [HealthWorks](https://www.healthworks.health). <https://www.healthworks.health>

[HealthWorks](#) is sponsored through a federal grant with the Health Resources Services Administration (HRSA) from February 2022 – October 2023. The overall goal of the HealthWorks Project is to reduce COVID-19 health disparities and advance health equity by strengthening vaccine confidence, through providing trusted, culturally, and linguistically appropriate information and education and to enhance access to COVID-19 vaccine and booster uptake to diverse, medically underserved populations in Georgia and Tennessee. A COVID-19 Consortium in Georgia and Tennessee, led by Morehouse School of Medicine, Meharry Medical College, and ASHLIN Management Group with Black Girl Health Foundation, 1Joshua Group, and Mojo Marketing will work closely with Departments of Health, academic and community partners of the GA and TN Community-engaged Alliance against COVID-19 (CEAL), and small and large businesses in a coordinated approach to implement goals and objectives of the grant.



166

Outreach Workers
Trained and Rapidly
Deployed in Georgia and
Tennessee



567

Community Events
in Georgia and
Tennessee



9,318

Vaccines and Boosters
Administered in Georgia
and Tennessee
through HealthWorks



63,957

Community Members
Reached in Georgia and
Tennessee



242

Business
Ambassadors
Trained

Quotes from Outreach Workers



“No doubt our memorable moment is from a Midnight Basketball event at C.T. Martin Recreation Center. Martha and I were having a conversation with a small group that included 4 adults and 7 children. The children were enthusiastically sharing information their teachers shared in school. We were stressing the importance of wearing a mask to protect others. Two of the children darted off into the gym, I thought maybe that we bored them. Lol. Moments later those same two children came back with their mom and asked us, to tell her why she should always wear a mask. After our discussion, mom took her mask out of her purse and put it on. The look in her children's eyes made our day.” - **Wayne and Martha Glapion**

“Equipping the community with facts, thus changing minds about getting vaccinated. Specifically, at one of our first events, a family was firm on their decision about not getting vaccinated. The husband/father was convinced that getting vaccinated would make them sick. He proceeded to walk away, but his wife stayed and listened with her teenage son. They got vaccinated on the spot. This has been quite an experience both personally and professionally.” - **Simone Escho**



INNOVATION **IMPACT**

The Innovation Learning Laboratory has several grant-funded projects, but it also generates revenue through curriculum sales, product purchases, donations, and grant consulting for curriculum development.



\$28,700

in Donations Received (Since 2020)



\$296,913.80

in Curriculum Sales
(From 2020 - 2023)



\$358,000

in Grant Consulting for Curriculum
Development (From 2020 – 2023)

\$683,613.80

Total in Generated Revenue



CUMULATIVE OUTCOMES

Over
1,014

Trained Through Innovation Lab
Programs and Pilots



773

Community Health Workers
Trained Solely Through
Curriculum Purchases



08

New Staff Members Added
in 2021 and 2022

Over
10

Interns Trained in the Innovation
Learning Laboratory



100+

Cumulative Professional
Development Hours
Logged in 2022 and 2023



21

News and Media
[YES! Magazine Feature](#)
[Spring Issue](#)

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Inspire
the next
generation
of health
leaders

Special thank you to the Organizations who have purchased and utilized our digital curriculum!

CommonSpirit

NORTH
Alabama
AHEC

Member of the
STATEWIDE PROGRAM

Improving the Quality of Life for Alabamians



MOREHOUSE
SCHOOL OF MEDICINE Center for Maternal Health Equity

UNIVERSITY of MARYLAND
BALTIMORE

DPH CLAYTON COUNTY
HEALTH DISTRICT

Health & Medicine
POLICY RESEARCH GROUP

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

University Hospitals
The Science of Health. The Art of Compassion.

MaineHealth

College of Liberal Arts & Sciences
Department of African American Studies

Joy SOUTHFIELD
A DETROIT COMMUNITY DEVELOPMENT CORPORATION

HealthWorks

MERIT
HEALTH LEADERSHIP ACADEMY

BLACK LADIES
IN PUBLIC HEALTH

FAIRFAX COUNTY
VIRGINIA

MOREHOUSE
SCHOOL OF MEDICINE

CBH Council on Black Health™
Reimagining Black Health™

Care FIRST CHOICE
PRIMARY CARE