



10<sup>th</sup>

ANNIVERSARY

2014-2024

# IMPACT REPORT



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



**MOREHOUSE**  
SCHOOL OF MEDICINE

# TABLE OF CONTENTS

**03**

DEAR  
VISIONARIES  
AND PIONEERS

**04**

ABOUT THE  
INNOVATION  
LAB

**05**

LEADERSHIP  
HIGHLIGHTS

**06**

PARTNERS &  
COLLABORATORS

**07**

PRODUCTS,  
COURSES AND  
PROGRAMS

**08**

STUDENT  
EXPERIENCE  
HIGHLIGHT

**09**

SPONSORED  
RESEARCH  
PROGRAMS

**10**

SPONSORED  
PROGRAM  
HIGHLIGHT

**11**

INNOVATION  
IMPACT



# DEAR VISIONARIES AND PIONEERS

As we stand at the threshold of our lab's 10th anniversary, I am filled with a profound sense of pride and gratitude. Reflecting on the journey of the Innovation Lab, it's a moment to celebrate a decade of relentless pursuit of excellence, groundbreaking discoveries, and the relentless spirit of innovation that has been the hallmark of our collective endeavor.

Ten years ago, we embarked on an ambitious journey to create a hub of innovation that would challenge the conventional boundaries of health, technology, and community engagement. Our mission was clear: to foster a culture of innovation that not only produces groundbreaking solutions but also addresses the critical health challenges of our times. Today, as I write this foreword, I am overwhelmed by the incredible milestones we have achieved and the transformative impact we have made.

The creation of the Innovation Lab 10th Anniversary report is a testament to our journey, a curated collection that encapsulates the essence of our lab's strategy, methods, and product overview covering a remarkable decade. This book is an ode to the tireless efforts of our brilliant minds who have made this journey possible - our staff, students, researchers, collaborators, partners, and the entire community of change-makers.

Through the pages of this report, you will embark on a visual journey that highlights our lab's strategic approach to innovation, the cutting-edge methods we have adopted, and the plethora of products that have been conceptualized and realized under our roof.

Our focus on interdisciplinary collaboration has been our strength, bringing together expertise from various domains to foster an environment of creativity and problem-solving. This report showcases not just our achievements but also the spirit of collaboration that has fueled our innovation engine.

The Innovation Lab 10th Anniversary report is more than just a compilation of our work; it is a beacon of inspiration for future generations of innovators and entrepreneurs. It serves as a reminder of what can be achieved when passion meets purpose, and when curiosity is coupled with the courage to explore the unknown.

As we look forward to the next chapter of our journey, let this book be a source of inspiration and a call to action. Let us continue to push the boundaries, innovate with purpose, and make a difference in the world. Here's to celebrating a decade of innovation and to many more years of making the impossible possible.

With deepest gratitude,

Arletha Lizana, PhD, MPH, MBA  
Associate Vice President for Innovation and Strategy  
Associate Professor, Department of Family Medicine  
Principal Investigator, Innovation Learning Laboratory for Population Health



# 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 21<sup>st</sup>-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)

Reynalda Brant  
Administrative Assistant III

## 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

## LEADERSHIP HIGHLIGHTS: STATEMENTS FROM LEADERS AT MSM WHO HAVE BEEN INSTRUMENTAL IN THE SUCCESS AND SUPPORT OF THE INNOVATION LEARNING LABORATORY



**Folashade Omole MD, FAAFP, Professor & Chair, Department of Family Medicine** - With the establishment of the Innovation Learning Laboratory for Population Health in 2014, Morehouse School of Medicine has seen its' impact. Having witnessed firsthand since its evolution, the growth of the Innovation Learning Laboratory for Population Health, a vibrant and transformative institutional hub housed within the Department of Family Medicine. I can confidently attest to the invaluable role played by the visionary leader, Dr. Arletha Lizana. The Innovation Learning Laboratory has become an indispensable asset, driving forward-thinking initiatives, and fostering a culture of innovation within the Morehouse School of Medicine.

The Innovation Learning Laboratory's presence has not only facilitated our growth but has also catalyzed transformative changes in how we approach healthcare delivery and patient care. Through collaborative projects we have been able to develop novel solutions to address the complex challenges facing our patients and communities.

As we celebrate the 10-year anniversary of the Innovation Learning Laboratory for Population Health, I am filled with pride and gratitude for the tremendous value it has brought to the department and the institution. Dr. Lizana's steadfast dedication and leadership has been instrumental in shaping the lab into a hub of creativity and excellence, where ideas flourish and innovation thrive.

I look forward to witnessing the continued impact of the Innovation Learning Laboratory for Population Health in the years to come, as we remain committed to pushing the boundaries of innovation and making a meaningful difference in the lives of our patients and the country as a whole leading the creation and advancement of health equity to achieve health justice.



**Jinjie Zheng, Ph.D., MS, MA** - As the Assistant Dean for Digital Technology for undergraduate medical education and Director of the Office of Digital Learning, I thoroughly enjoy collaborating with the Innovation Learning Laboratory for Population Health. It's incredibly rewarding to have a hand in developing the curriculum that will directly impact the lives and communities we serve. Working alongside the Innovation Lab team, who share our passion for leveraging technology to improve healthcare outcomes, has been both inspiring and fulfilling. Together, we are able to innovate and create educational experiences that not only empower healthcare professionals but also contribute to positive changes in population health. It's an honor to be part of such meaningful work that makes a real difference in the world.



**Christopher Ervin, MD, Director of Community-Based Initiatives, Assistant Professor, Department of Family Medicine, Assistant Professor, Department of PA Studies** - My tenure at Morehouse School of Medicine started as the result of the Innovation Lab. Helping develop the HS/YA CHW program has been a joy. It allowed me to combine my passion for community-driven work, teaching our youth and improving the health of the community. As I have grown at MSM, I have witnessed the growth of the Innovation Lab and see the value of our partnerships through activities such as training adult CHW's, the HealthWorks initiatives and care coordination.

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  
Clarkston Community Center Foundation Inc.  
Tressa Tucker & Associates  
Shavon Walls

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

Greater Impact Faith Temple- The 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  
Survey Monkey  
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  
Urban League of Greater Atlanta  
Wells Fargo Atlanta Foundation  
Restoring One’s Hope of Atlanta, Inc

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  
Fulton-DeKalb Hospital Authority  
Kessler Foundation  
ArtsXchange

# 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.

 **967**

CHW/Outreach Workers Trained through the Innovation Lab

 **73%**

increase in trained CHWs from 2016-2023

 **9**

New Curriculum Courses

 **50**

Student-led Community Projects

 **\$553K+**

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	

To view our Catalog click here: [Innovation Lab Product Catalog](#)

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



# STUDENT EXPERIENCE HIGHLIGHT

We have piloted our High School and Young Adult CHW program in a local high school

## Google Pilot: High School Young Adult Community Health Worker Program- Westlake High School

The Google Pilot adaptation of the High School and Young Adult Community Health Worker Curriculum was launched in the Fall of 2023 and completed in May of 2024. This innovative approach added wearable technology and smart scales to our evidenced-based community health worker training program for our 9<sup>th</sup> cohort of student participants to participate in training since the Innovation Lab's origin. The High School and Young Adult Community Health Worker Curriculum was designed to teach and equip high school aged youth with knowledge to aid in community health initiatives and become the "health ambassadors" of their community. The curriculum is presented in a fun, interactive online platform and consists of 20 modules covering community health worker core competencies, focuses on supporting student participants' attainment of critical thinking, decision making, and communication skills. A total of 35 students were trained in the Google Pilot.



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 Spring 2024)

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



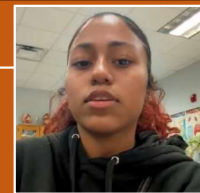
*"I am a junior student at Westlake High School, and I am very grateful for the opportunity to be a part of the High School Community Health Worker Training Program. This program has been very helpful for me to improve my health and the health of my loved ones by teaching me how to check vitals. I have been able to make my siblings, my mom, and my community more aware of healthy ranges for blood pressure. It has been a blessing for my community, and it inspires me to pursue my dream of becoming an anesthesiologist!"*

- Khadijatou Jawara



*"I am a participant in the High School Community Health Worker Training Program. Through this program, I have increased my knowledge of various health topics and gained practical experience in health monitoring. I can now effectively record patient data and ensure that they maintain good health."*

- Timothy Blackman



*"I enjoyed being a part of the Westlake High School Community Health Worker program. My favorite part was learning about the mental health module, it helped myself and friends to be more open and communicate about our mental health with the reflection section. This helped to breakdown the stigmas of mental health in our community and help raise awareness for other students outside of the class."*

- Tei'Loir Reeves



# SPONSORED RESEARCH PROGRAMS

Over  
**14.6M**  
Total Grant Funding Awarded

 **13**  
Publications

 **28**  
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

Wells Fargo Atlanta Foundation: Empathy in Preparing Outreach Workers to Equip Residing Seniors (EMPOWERS), Dr. Lizana, PI

Kessler Cannabis Education, Dr. Lizana, PI

Deloitte- Haitian American and Indigenous American CHW program, Dr. Lizana PI, Dr. Bastein Co-PI

NIH SUD Challenge Finalist, Dr. Lizana PI, Dr. Ali Co-PI, Somilez Francis Investigator

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


## Students Hanging Out with Seniors (S.H.O.W.S.)

Dr. Folashade Omole and the Innovation Learning Laboratory at Morehouse School of Medicine were awarded over \$500,000 from the Kessler Foundation, AARP, and Wells Fargo Atlanta Foundation to improve the social connections, health, and well-being of the 65 and over senior population during the COVID-19 pandemic and its aftermath. In collaboration with the Compassionate Cares course offered at Morehouse School of Medicine, third-year medical students engaged assisted living seniors through weekly bio-directional virtual interaction introducing themes to the seniors specific to the geriatric population including fall risk assessment and cognitive testing. This provided both the students and seniors with social connections while the students were able to enhance their medical knowledge of the geriatric population.

Dr. Omole, provided the following sentiments: "I am enthusiastic and passionate about meeting the aging populations' health needs. In the Department of Family Medicine for the Morehouse School of Medicine, we strive to provide access to quality healthcare and attention to participants' dignity through social interactions, and mental and spiritual health. The Students Hanging Out With Seniors (SHOWS) project improves the health and quality of life of the participants in a bidirectional manner as our learners and future leaders develop and understand what compassionate care all is about. Through the SHOWS project, we are leaving a sustainable impact: advancing health equity toward health justice by empowering Older Adults to make informed decisions and develop better health behaviors for aging in optimal health."




 **75**  
older adult participants reached through pilot project and cohort 1

 **82**  
3<sup>rd</sup> year medical students have completed the Compassionate Care course and SHOWS project since the launch

 **4**  
Community Partners engaged

 **3**  
Funders to support this project (AARP, Wells Fargo-Atlanta Foundation, and Kessler Foundation)

 **10**  
Empowerment Luncheon Sessions hosted for Older Adults

 **90%**  
increase in knowledge for older adult participants to age in optimal health

## Quotes from Participants and Students

My calls from Ms. Bey. Ms. Bey didn't talk to me like some project. The first thing Ms. Bey would say is Hello beautiful, how are you? She asked about my family, my feelings, my concerns, etc.

I hope this is not the end with Ms. Bey. I enjoyed how she would personalize her call. I am a beautiful woman, because that is how she would address me before we got into her questions. She made every question very important. I just didn't have that with the students.

Always looked forward to talking to Ms. Bey. The dinners and the warmth from the staff.



"The SHOWS project allowed me to get real world experience motivational interviewing and providing compassionate care for Older Adults. I had the opportunity to build a rapport with my participants to provide precision health education to assist in maintaining optimal health as they age."

- 3rd Yr Med Student: Dr. Mischael Saint-Su

I like all of the discussions that Ms. Bey and I had. Healthy nutrition, meditation, medicine history. When Ms. Bey found out that I am a 2-year cancer survivor, she always made it a point to keep up with any doctor visit. She would call me the day after and say hi beautiful I know we are doing great today. Even when I could be having a rough day, she would always lift my spirit.



Darlene Bay

# 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.

 **\$778,700**  
in Donations Received (Since 2020)

 **\$612,073.69**  
in Curriculum Sales  
(From 2020 - 2024)


 **\$427,450**  
in Grant Consulting for Curriculum  
Development and Internal Purchases  
(From 2020 – 2024)


**\$1,846,923.69**  
Total in Generated Revenue  
(From 2020– 2024)



## CUMULATIVE OUTCOMES

Over  
**1,014**  
  
Trained Through Innovation Lab  
Programs and Pilots

 **2,448**  
Training Seats Sold Solely Through  
Curriculum Purchases

 **09**  
New Staff Members Added  
Between 2021 and 2024

Over  
**17**  
  
Interns Trained in the Innovation  
Learning Laboratory

 **350+**  
Cumulative Professional  
Development Hours  
Logged in 2023 and 2024

 **25**  
News and Media  
[YES! Magazine Feature  
Spring Issue](#)

## FOLLOW US



<https://www.msm.edu/InnovationLab/>



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

CommonSpirit

Alabama AHEC NORTH  
Member of the STATEWIDE PROGRAM  
Improving the Quality of Life for Alabamians

40 YEARS 1980-2020  
CYPRESS HILLS

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  
College of Liberal Arts & Sciences  
Department of African American Studies

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

MaineHealth

MERIT HEALTH LEADERSHIP ACADEMY

BLACK LADIES IN PUBLIC HEALTH

HealthWorks

FAIRFAX COUNTY VIRGINIA

MOREHOUSE SCHOOL OF MEDICINE

CBH Council on Black Health™ Reimagining Black Health™

Care FIRST CHOICE PRIMARY CARE