

Village HeartB.E.A.T. Building Education Accountability Together

A Mecklenburg County Initiative

PEOPLE, PARTNERSHIPS, PRIDE, AND PROGRESS

Cheryl S Emanuel, MS, Senior Health Manager, Mecklenburg County Health Department
Marcus Plescia, MD, MPH, Health Director, Mecklenburg County Health Department
Lori Carter-Edwards, PhD, University of North Carolina - Chapel Hill
Camina Davis, MS, University of North Carolina at Charlotte, College of Health and Human Services
Mark DeHaven, PhD, University of North Carolina at Charlotte, College of Health and Human Services





Disclosure Statement

We oversee and participate in all data collection, analysis, and dissemination of the work presented.

Any relevant financial relationships? No.

We agree to comply with APHA Conflict of Interest Guidelines





Overview



- Background
- VHB Purpose
- Framework
- Methods
- Conclusion

Office of Community Engagement Objectives

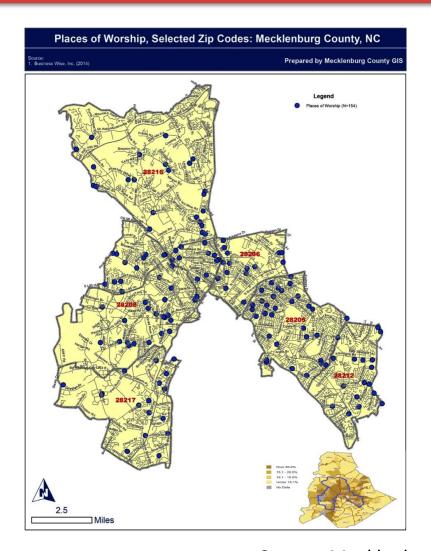
- Identify the components of a successful faith-based collaborative to improve health policies.
- Recognize the critical role of faith-based organizations in addressing racial and ethnic disparities in cardiovascular diseases.

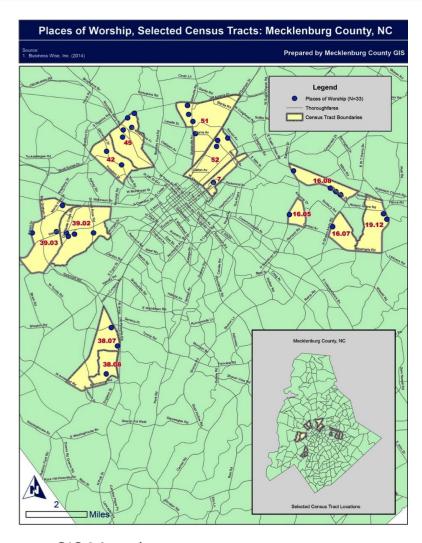




BACKGROUND

Public Health Priority Areas (PHPA)





Source: Mecklenburg County GIS Mapping





Historical Timeline

Builds off prior collaborative health equity community engagement activities

(Racial Ethnic Approaches to Community Health (REACH 2010); Partners in Eliminating Health Disparities (PEHD); Factors of the Seven; Community Health Ambassadors Program (CHAP)

2000-2007

• REACH 2010 Funding

2005-2012

- NC Office of Minority Health and Health Disparities (NCOMHHD)
- Community Focus for Eliminating Health Disparities Grant
- NCOMHHD/Community Health Ambassador Program (CHAP)
- Board of County Commissioners (BOCC) Declared Health Disparities Priority
- Partners in Eliminating Health Disparities Strategic Action Plan/Community Health Research Academy PEHD/ CHLA
- Factors of the Seven Bronx REACH Grant
- Regional Health Equity Council (RHEC-Region IV)

2012-2015

- Village HeartBEAT Initiative (VHB) 'The Competition Challenge'
- Department of Health and Human Services (DHSS) Region IV Faith-based Recognition Best Practice Model

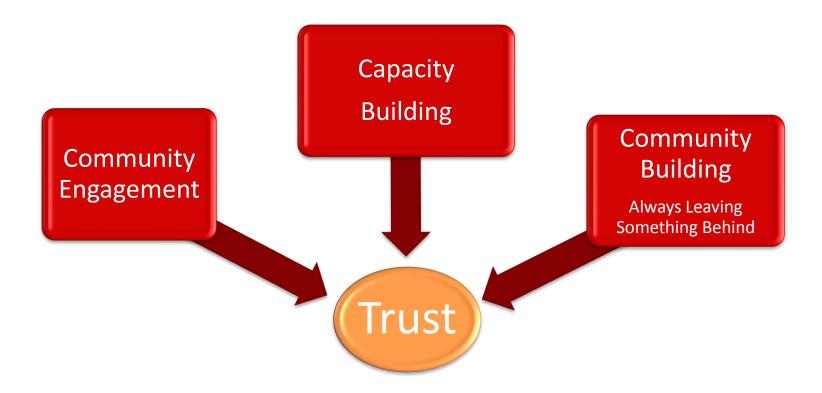




Community Based Approach

GUIDING PRINCIPLES:

Our Health, Our Priority, Our Community



"Go to the people. Live with them. Learn from them. Love them. Start with what they know." - Lao Tzu





PURPOSE

Community Based Approach



A collaborative partnership approach involving churches in program design and delivery to increase African Americans and Hispanic/Latino access to prevention, risk reduction, and chronic disease management resources to reduce health disparities in the highest risk (defined by high priority rates) of Mecklenburg County.





BACKGROUND

Strategic Foundation



18 New Million Hearts®
Congregations



CPR Certification Training



Healthy Cooking Demonstrations



Fitness in the Park

BUILDING the capacity of African American and Latino adults to address their own health needs and the capacity of the faith community to initiate and sustain needed lifestyle changes;

EDUCATION on chronic diseases prevention, treatment and control;

ACCOUNTABILITY for success in every aspect of the program, including monitoring both individual and partner adherence to program objectives; and

TOGETHER - collaboratively working to problem solve, with strong participant input in program design and execution.





VHB Structure

Community Health Leadership Academy "Peer-led Coaching"

Key Domains:

- Pastor Roundtable
- Congregational Assessments
- Biometric Screenings
- Health Ambassador Training
- Joint Use Agreements (system and environmental policies)
- Policy Environmental Systems (PES)
- County's Vendor Application
- National Heart, Lung, Blood Institute
 With Every Heartbeat is Life Curriculum



Trained Community Health Ambassadors







FRAMEWORK

VHB Structure Continued



Fitness on the Dance Floor



Pre and Post Biometric Screenings



Fitness in the HealthPlex

CVD Risk-Management Challenge

Pre-Competition Season (12 Weeks)

- Recruitment
- Media Campaigns
- Partnership Coordination
- Orientation Sessions
- Group Activities

Competition-Season (16 weeks)

- 10-member team
- Pre and post bio-metric screenings
- Medical referral counseling
- Individual and group wellness activities
- Smoking Cessation Program
- Field Day
- Hearts of Champion Gala

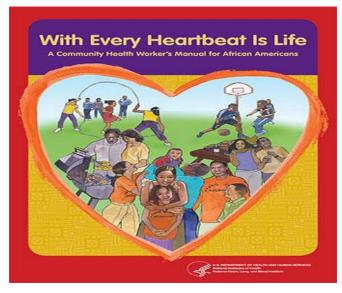




NHLBI Curriculum

12-Lesson Course on Heart Health

- Heart Disease
- Physical Activity
- Blood Pressure
- Cholesterol
- Diabetes
- Weight Management
- Healthy Eating and Spending
- Tobacco





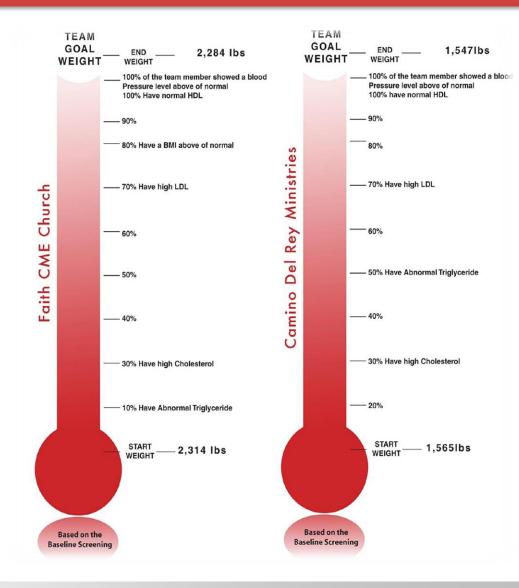




Success Metrics

Metrics based on both a quantitative and qualitative data collection and analysis:

- Biometrics Screenings
- Photo journaling and photo voice
- Focus groups
- Joint Use Agreements (systems and environmental changes)
 - Tobacco Policy
 - Nutrition
 - Physical Activity







RESULTS

Preliminary Data Analysis

Values	2012-2013 Challenge	2013-2014 Challenge	2014-2015 Challenge
BASELINE VALUES			
Number of Participants	62	140	177
Number of Churches	6	14	17
Mean Weight (lbs.)	210.5	210.0	203.0
Mean Body Mass Index (BMI)	35	34	-
Mean Systolic Blood Pressure (SBP) (mmHg)	144	137	132
Mean Diastolic Blood Pressure (DBP) (mmHg)	89	85	82
POST-CHALLENGE VALUES (Improved in one CVD risk factor)			
Number of Activities/Health Promotion Events	60	122	152
Total Weight Lost (lbs.)	-172	-337	-364
Mean Weight Lost per Person	-3.8	-4.2	-2.6
Mean Change in BMI	-1.1	-0.4	-
Mean Change in SBP (mmHg)	-14.2	-11.3	-1.8
Mean Change in DBP (mmHg)	-10.3	-3.3	-1.7
% That Increased Fruit, Vegetable, or Fiber Intake/Week	41%	26%	-
% That Increased Physical Activity	34%	37%	38%





CONCLUSION

Lessons Learned:

- Selecting intentional partners
- Shared leadership and collaborative governance electing
- Increased motivation and growth among participants
- Collaborative partnerships with various cultures
- Identified solutions to care system barriers
- Improved community outreach among churches by jointly sharing resources

Next Steps:

- Standardize operations and data procedures
- Dissemination of information





www.qcitymetro.com

Sometimes it takes a Village to make a difference.

By Adriana Burkins

Name: Rev. Jacob Teasdell

Church: Faith CME Church

Health Factors: Obesity; medications for diabetes, high cholesterol and high blood

His story: For Rev. Jacob Teasdell of Faith CME Church, the journey to lose weight has been a "family affair," and he credits his church and his Village HeartBEAT team for being his biggest source of support. Teasdell once weighed 350 pounds and was under medication for diabetes, high cholesterol and high blood pressure. Then, about 10 years ago, a close friend suffered a heart attack and died. Teasdell decided do make a change. He went to a doctor, saying, "keep me alive 'til I'm 50." Although health issues run in his family, it wasn't until that doctor visit that Teasdell really learned the extent of what he was dealing with.

Teasdell has lost weight before - 10-15 pounds in a couple of weeks - but it always came back. In the Village HeartBEAT program, he said, he is encouraged to make lifestyle changes and focus on losing smaller amounts over extended periods. The key, he said, is appreciates his team because they care for him and support him. He said that "without fail," his team captains track and regimen, his weight loss and provide healthy eating

loss this year. Teasdell has gone from 355 pounds to 338; his goal is to lose between 40-50 pounds. Although he still takes them...and you'll be able to do more." medication for high cholesterol, high blood pressure and diabetes, he said his biggest challenge has been time. He works in the chemistry department at a nuclear power plant in York County, and his days are long. Still, he tries to get in 2-3 miles of walking and between 20-30 minutes on his exercise bike. He said he is excited about where he is, where he is going to be and for the longer days and

its participants to use smaller plates to Cheryl.Emanuel@mecklenburgcountync. help control portion sizes. That didn't work for Teasdell, so he started using small Tupperware containers to carry his Or visit www.villigehb.org for more details food. "It's a small container, so it looks like it's full...but you're not eating as much, so that makes it easier to manage your



make some changes. But after a friend had a heart attack and passed away, he went to a doctor, saving,

His advice: "Don't feel like you have to do the entire program. Take bites and pieces of what you can do and consistently do



His trick: Village HeartBEAT encourages For questions email Cheryl S. Emanuel at





ACKNOWLEDGEMENTS

FAITH-BASED VILLAGE HEARTBEAT PARTNERS

AME Zion

Bishop George Battle, Sr.

15th Street Church of God

Bishop Wade H. Ferguson, III

Ben Salem Presbyterian Church

Rev. Damiko Faulkner

Camino Ministries

Pastor Russell Price

Casita De Amor

Caldwell Presbyterian Church

Senior Pastor John Craighorn
Pastor Everdith Landrau

City Dive Outreach

Pastor Hamani Fisher

Faith CME Church

Pastor Laura Wilson

First Baptist West Church

Rev. Dr. Ricky A. Woods

First Mt. Zion

Baptist Church

Interim Pastor

Friendship Missionary Baptist Church

Dr. Clifford Jones, Sr.

Greater Salem Church

Bishop Alan G. Porter

Greenville AME Zion

Church

Rev. Dr. Sheldon Shipman

Grier Heights

Presbyterian Church

Pastor Larry James

New Covenant

Bibleway Church

Elder C. Marvin Beatty, III

Little Rock AME Zion Church

Bishop George Battle

New Life Fellowship Center

Pastor John P. Kee

New Shiloh Institutional Baptist

Church

Rev. Dr. Charles E. Thompson, Jr.

New Zion Missionary
Baptist Church

Rev. Henry Williams

Rockwell A.M.E. Zion Church

Pastor Jordan Boyd

The Living Church

Bishop Ronnie L. Parson

Wilson Heights Church of God

Pastor Cornelius Atkinson



C N Jenkins Memorial Presbyterian Church

Pastor Dr. Jerry Cannon





ACKNOWLEDGEMENTS

COMMUNITY PARTNERS & VOLUNTEERS

American Heart Association Heat Radio PBS,WTVI – Charlotte

Bethesda Health Clinic Johnson C. Smith University Pride Communications

Carolinas Healthcare System's Mecklenburg County Board of Qcity Metro
Department of Family Medicine County Commissioners

(CHS-DFM)

Stratford Richardson Family

Mecklenburg County Health

YMCA

CMC-Family Medicine Practice Department PSI

UNCC College of Health & Human Mecklenburg County Human WBTV and Power 98 Radio

Services Services Finance UNC Chapel Hill

Charlotte Alumnae Chapter of Novant Health Zuri Creative Group, LLC

McCrorey Family YMCA

Delta Sigma Theta Sorority, Inc.

Charlotte-Mecklenburg Library

Gramercy Research Group

Village HeartBEAT

A Mecklenburg County Initiative





MEDIA COVERAGE



^{Qcity}health

JANUARY 6, 2015 www.qcitymetro.com

Battling obesity and high cholesterol



Women from Shiloh Institutional Baptist Church, all members of a Village HeartBEAT wellness program, take part in a 6 a.m. water aerobics class at the McCrorey YMCA. (Photo: Glenn H. Burkins for Qcitymetro.com,

Village HeartBEAT, a 16-week wellness Latino communities. The program, now in its third year, is sponsored by the grains. On a recent December morning, Mecklenburg County Health Department and works primarily with local churches.

Name: Kathy Cuttino

Church: Shiloh Institutional Baptist Church

Health Factors: High cholesterol and excess weight

Her Story: Cuttino moved to Charlotte from Greenville, S.C., in 2011. She came to care for her aging mother, who died nearly a year go. Over the years, Cuttino says, her weight creeped up to 280

Today Ocitymetro kicks off a series pounds, mainly the result of poor diet and celebrating people who have made a inactivity. She joined Village HeartBEAT In Closing: "I feel great," she said. "I decision to get healthier by enrolling in (along with 15 others from her church) program designed to reduce risk factors, Cuttino said she's now exercising more, especially in the African American and dining out less and consuming healthier



looking to lose weight and stay healthy. foods - plenty of vegetables, fruits and



Cutting and other women from her church were at a 6 a.m. water aerobics class at the McCrorey YMCA. (Cuttino is team captain and says it's her role to keep others motivated.) Since she started exercising and eating better, her weight has dropped to about 220 pounds. Cuttino said her goal is to get down to about 200 pounds.

Her Philosophy: "You've got to keep it going. Yes, you are going to fall off that wagon, but you've got to keep it going."

Her Quotes: "There are too many of us who know what we are supposed to do. but we don't do it... We don't know about portion control. We'll put stuff on a plate. the plate is full, and we'll go back and get

Impressive Fact: With exercise, an improved diet, and medication, Cuttino says her cholesterol level has dropped from 329 to 220.



For questions email Cheryl S. Emanuel at Cheryl.Emanuel@mecklenburgcountync.

Or visit www.villigehb.org for more details



Qcityhealth

MARCH 3, 2015 www.qcitymetro.com

progressed to the point that he even had

trouble talking on the phone for long

Faulkner said the urges still come,

periods of time.

Donald Faulkner: A smoker no more

This article is part of a continuing series celebrating local residents who have made a decision to get healthier by enrolling in Village HeartBEAT, a 16-week wellness program designed to reduce risk factors, especially in the African American and Latino communities. The program, now in its third year, is sponsored by the Mecklenburg County Health Department and works primarily with local churches.

Name: Donald Faulkner

Church: Ben Salem Presbyterian

Health Factors: COPD and emphysema, due to smoking His story: After nearly 40 years of smoking, Donald Faulkner decided to guit - cold turkey - on Thanksgiving Day 2014. Since then, Faulkner says, he has not touched another cigarette, though he's had urges.

Faulkner, 64, said his biggest source of support has been his fellow Village HeartBEAT teammates at Ben Salem Presbyterian Church. He joined the program two years ago with a goal of getting more exercise and developing better eating habits. But somewhere along the way he decided to also kick the

The tipping point came last year during Thanksgiving when Faulkner's son expressed concerns about the effects that

especially in the early morning, but he knows the desire eventually will pass. "I · don't have to yield to that urge," he said. "so it's really a mental thing." In addition to giving up cigarettes, Faulkner said he's

> and to more vegetables instead "My team, Ben Salem's team, has been my biggest support,"

also eating less often and eating

smaller portions. He's moved

from fried foods to baked foods.

His advice to smokers: "I just want them to know how good it feels to not be a smoker. Because I'm sure at one point in their life they wanted to be off cigarettes, and when they



After nearly 40 years of smoking, Donald Faulkner, 64, decided to quit - cold turkey - on Thanksgiving Day 2014. (Photo: Adriana Burkins for Ocitymetro.com) second-hand smoke would have on an unborn grandchild his daughter-in-law

was carrying. Later that night, Faulkner

said, he flushed all of his cigarettes down

Smoking secession is a new area of focus for Village HeartBEAT, which is now in its third year. In previous years, participants focused primarily on exercise and nutrition. Faulkner said the program made him question why he was exercising and working to prolong his life in one way but killing himself in another.

Faulkner, whose lungs have been damaged, said he could barely walk from his house to the end of his driveway without losing his breath. The problem

Closing thoughts: "I feel more better mentally than I do physically. Just to know that I'm in the process of this accomplishment, and I've been wanting to be in this process for so long, and I'm



For questions email Cheryl S. Emanuel at Cheryl.Emanuel@mecklenburgcountync.

Or visit www.villigehb.org for more details







Qcityhealth

MARCH 16, 2015 www.qcitymetro.com

A 'second birthday' for Henrietta McClain

By Adriana Burkin



After three years on dialysis, Henrietta McClain says she is now doing fine, thanks to a donor kidney. The experience has focused her attention on health. (Photo: Glenn H. Burkins, Qcitymetro.com)

in the African American and Latino know her by name. communities. The program, now in its third year, is sponsored by the McClain has a good reason for her focus and works primarily with local churches.

Name: Henrietta McClain

Church: First Baptist Church-West

Risk factors: Kidney failure due to highblood pressure

This article is part of a series celebrating Her Story: Almost every weekday, local people who have made a decision Henrietta McClain can be found to get healthier by enrolling in Village somewhere getting in her exercise, often HeartBEAT, a 16-week wellness program at the Johnson C. Smith University designed to reduce risk factors, especially HealthPlex, where fitness instructors

Mecklenburg County Health Department on health. In August 2006, she underwent a kidney transplant - an event she now marks as her second birthday.

> McClain said she developed high-blood pressure in her 20s, which led to kidney failure. The transplant, she says, was like

She had been on dialysis for three years. Instead of receiving dialysis in a medical center, McClain chose to go through the treatments in her home. This required inserting a tube into her abdomen every night to flush out the toxins in her blood. She said her children, her church and her job kept her going through those difficult

This year marks her second year as a Village HeartBEAT participant. McClain says her blood pressure is now at a normal level and her kidneys work "great." To stay fit, she follows a fitness regimen that includes cardio exercises, circuit training, line dancing and healthy

Her advice: "Take medication. I think that's very important because I have to take mine for the rest of my life to prevent my body from rejecting the kidney. People are surprised about the number and quantity of drugs that an organ transplant patient must take everyday. And keep active. If you can get in any programs that can help you...keep active, do that."

Importance of donors: "Organ donors can give the gift of love and life. Someone donated a kidney to me, so I feel really strong on that. I'm an organ donor, and I advise my children to do so. You don't realize the importance of it until you get



For questions email Cheryl S. Emanuel at Cheryl.Emanuel@mecklenburgcountync.

Or visit www.villigehb.org for more details



^{Qcity}health

MAY 20, 2015 www.gcitymetro.com

A family commits to healthier living



For Slyvia and Melvin Austin, losing weight and adopting a healthier lifestyle has become a family goal. (Photo: Adriana Burkins for Ocitymetro.com)

Names: Slyvia and Melvin Austin

Church: New Life Fellowship Center

Health Factors: Obesity, medication for blood pressure and a desire to become fit Their story: For Melvin Austin, it began as a need to get in shape and get well. For Slyvia Austin, it began as a choice to support her husband of 14 years, who is program, she often ate just one large battling obesity and taking blood pressure meal a day. They both agreed that the and water pills. In the year since the program at their church, they've plates and ensure proper serving sizes. experienced some changes, both individually and as a family.

Mr. Austin, who has gone from 399 pounds to 370 pounds, said the hardest exercise. As a truck driver, he doesn't work a 9-to-5 schedule, so he walks whenever he can. He said his favorite thing is sleeping after a workout.

Mrs. Austin, who won the "biggest loser" competition at her church with a loss of 20-23 pounds, said the hardest thing for her has been eating right. Before the program has forced them to spread out couple joined the Village HeartBEAT their meals, to actually put things on

Aside from the pounds, Mr. Austin said he's able to move around better, has more energy and stamina and sleeps better. Mrs. Austin said the program has part for him has been finding time to given her a "burst of energy" to keep up



with their three girls, ages 4, 7 and 9, who join their parents on exercise walks.

The couple said their biggest source of support has been their team members and coach, who will text or call to check on them and let them know about class

Their advice: "You've got to stick with it...and being consistent and trying to be self-motivated, that's the hardest thing. When you start off with a team and others go another way, you've got to fend for yourself...so you've really got to have that

Quote: "You have about a million dollars around your belly. You didn't get it over night, so you've got a big investment that you're trying to get rid of, so it's gonna



For questions email Cheryl S. Emanuel at Cheryl.Emanuel@mecklenburgcountync.

Or visit www.villigehb.org for more details









MAY 7, 2015 www.gcitymetro.com

For Karen Rockhead, getting fit is a gradual process

By Adriana Burkins

This article is part of a continuing series history of diabetes celebrating local residents who have made a decision to get healthier by enrolling in Village HeartBEAT, a 16-week factors, especially in the African American and Latino communities. The program, Mecklenburg County Health Department and works primarily with local churches.

Name: Karen Rockhead

Church: New Zion Baptist Church

Health Factors: Weight and family

Her Story: As a nurse in the Charlotte area, Karen Rockhead has seen how wellness program designed to reduce risk diabetes, heart disease and stroke are all associated with obesity and inactive. So three years ago, to help improve her own now in its third year, is sponsored by the health, she joined the Village HeartBEAT program at her church. Diabetes runs in Rockhead's family, and in recent years she's been battling to lose weight. By joining in with others at her church, she figured she'd stand a better chance of



For Karen Rockhead, getting fit is a gradual process. The Charlotte-area nurse says she was aware of how diabetes, heart disease and stroke are all associated with obesity and inactivity

finding time for exercise. She sometimes walks on her lunch breaks or after work. She also has exercise equipment at home, and when she wants a cardio workout, she pops in a tape. Sometimes her four children join her in walks, a game a basketball or even a race to the car when they're out and about.

Rockhead says the easiest change has been making better food choices. She uses a portion-control plate and salad bowl to measure her intake, and she's learned healthier ways to cook by attending cooking demonstrations. Turkey chops are now a favorite on the menu. And to avoid empty calories, she's drinking more water instead of sweet

Gradually, Rockhead has seen weight loss and an increase in energy. Her biggest source of support has been her Village HeartBEAT church members who are always looking out for each other and holding one another accountable.

Her advice: "Don't give up, be consistent and don't expect quick changes, because one or two pounds a week is a healthy weight loss, Just make small changes and then you will see the bigger picture."



For questions email Cheryl S. Emanuel at Cheryl.Emanuel@mecklenburgcountync.

Or visit www.villigehb.org for more details





APRIL 15, 2015 www.qcitymetro.com

Amelia Smith: Finding time in her busy schedule to exercise

By Adriana Burkins

This article is part of a continuing series Smith joined Village celebrating local residents who have made a decision to get healthier by enrolling in Village HeartBEAT, a 16-week wellness program designed to reduce risk factors, especially in the African American on." Smith remembered and Latino communities. The program, now in its third year, is sponsored by the Mecklenburg County Health Department and works primarily with local churches.

Name: Amelia Smith

Church: Greater Salem Church

Interest in Village HeartBEAT: Fitness and learning about potential health risks Her story: If you want to catch Amelia Smith, you'd better lace up your walking shoes. The retired accounting technician says she doesn't slow her pace for described as "excellent." "It just makes anyone, not even her husband, who sometimes walks with her.

"He just can't keep up with me," she joked. "I've always walked fast."

Johnson C. Smith University HealthPlex where she exercises each week with her Greater Salem Church teammates.

HeartBEAT three years ago. Before that, she would walk around her

that during her first year in the program she lost the most weight in her group. She gained some of it back then lost it again. This year, the Greater Salem team is looking to win the weight-loss category.

Despite being retired, finding time for exercise remains a challenge, says Smith, who helps care for an aging mother. But despite her busy pace, she has made staying fit a priority.

Smith said she especially enjoys water aerobics and yoga, the latter of which she me feel so good," she said. Although Smith has been taking care of her mother and hasn't been able to exercise as often as she would like, she has a plethora of exercise DVDs at home.

Ocitymetro caught up with Smith at the From the team captain: Denise Cathey, the Village HeartBEAT captain of Greater Salem, said she likes Smith because of her consistency. The team started out with about 30 people, but over time, all



Amelia Smith, a retired accounting technician, is part of the Salem Church. Her team leader calls her a model of consistency (Photo: Glenn H. Burkins for Qcitymetro.comm)

but 12 drifted away. Cathey said Smith is quick to volunteer and set an example for others. "She's walking every Saturday. Every Monday she's here. Through the years I've seen a person who's grown...who wants to lose weight."



For questions email Cheryl S. Emanuel at Cheryl.Emanuel@mecklenburgcountync.

Or visit www.villigehb.org for more details





MEDIA COVERAGE

http://www.villagehb.org/#!vhb-news/crnv

http://www.charlotteobserver.com/living/health-family/article9124109.html

http://www.qcitymetro.com/health/articles/donald faulkner a smoker no more110 611191.cfm

http://www.qcitymetro.com/health/articles/a_history_of_hypertension07463775.cfm

http://www.qcitymetro.com/health/articles/a second birthday for henrietta mcclain 090916928.cfm





CONTACT INFO

Marcus Plescia, MD, MPH

Health Director,
Mecklenburg County Health Department
Marcus.Plescia@mecklenburgcountync.gov

Cheryl Silver Emanuel, MS, CSAPC, ICPS

Community Health Administrator/ Health Manager Mecklenburg County Health Department 249 Billingsley Road Charlotte, NC 28211 980-314-9027

<u>Cheryl.Emanuel@mecklenburgcountync.gov</u>

www.villagehb.org



