

A Regular Meeting of the Durham County Board of Health was held December 14, 2017 with the following members present:

F. Vincent Allison, DDS; Mary Ann Fuchs, DNP, RN, NEA-BC, FAAN; Spencer “Spence” Curtis, MPA, BS; MPH, CCHP; James Miller, DVM; Stephen Dedrick, R.Ph, MS; Rosemary Jackson, MD; F. Mary Braithwaite, MD, MSPH; and Commissioner Brenda Howerton.

Excused Absence: Teme Levbarg, PhD, MSW; Arthur Ferguson, BS and Dale Stewart, OD;

Others present: Gayle Harris, Rosalyn McClain, Joanne Pierce, Tara Blackley, Dr. Miriam McIntosh, Chris Salter, Michele Easterling, Katie Mallette, Mel Downey-Piper, Dr. Arlene Sena, Hattie Wood, Marcia Johnson, Jim Harris, and Khali Gallman.

CALL TO ORDER: Chairman Vincent Allison called the meeting to order at 5:01pm with a quorum present.

DISCUSSION (AND APPROVAL) OF ADJUSTMENTS TO AGENDA: Chairman Allison and Ms. Harris requested the following additions:

1. Move Budget Amendment after public comments (*new business*)

Commissioner Howerton made a motion to accept the adjustment to the agenda. Dr. Fuchs seconded the motion and the motion was approved unanimously.

REVIEW OF MINUTES FROM PRIOR MEETING/ADJUSTMENTS/APPROVAL:

Mr. Dedrick made a motion to approve the minutes for November 9, 2017. Dr. Fuchs seconded the motion and the motion was unanimously approved.

PUBLIC COMMENTS: There were no public comments.

BUDGET AMENDMENT:

The Durham County Department of Public Health request approval to recognize an increase in grant funds in the amount of \$14,539 from the NC Department of Health and Human Services Division of Public Health for Safe Spaces.

Mr. Curtis made a motion to approve the budget amendment in the amount of \$14,539.00. Dr. Jackson seconded the motion and the motion was unanimously approved.

STAFF/PROGRAM RECOGNITION:

Ms. Harris introduced Tara Blackley, new deputy public health director. Ms. Blackley join the Durham County Department of Public Health on November 20, 2017. Ms. Blackley holds the following degrees: MA, MPH, and MBA. She has worked in the Thomas Jefferson Health District where she oversaw public health in five counties. She most recently lived in Charlottesville and spent the last year working as chief operating officer for a private women’s health organization. Ms. Blackley is bilingual and has worked with performance management, quality improvement, the national accreditation board where she served as a site visitor, facility management, environmental health and health promotion.

The Board welcomed Ms. Blackley.

Ms. Harris recognized department employees who were listed to receive service awards at the 2017 Service Recognition Event on December 14 by reading their names and years of service:

Veronica Floyd (Admin) – 5 years
Norma Hodge (School Health) – 5 years
Pamela Lambert (Admin) – 5 years
Nadirah Lowen (OBCM) – 5 years
Marissa Mortiboy (Health Ed) – 5 years
Ilka Pabilo (Admin) – 5 years
Karen Taylor (Pharmacy) – 5 years
Susan Thompson (School Health) – 5 years

Tasha Allen (OBCM) – 10 years
Jannah Bierens (Health Ed) – 10 years
Oscar Garcia (Admin) – 10 years

Carolyn Long (Admin) – 10 years
Teresa May (Family Planning) – 10 years
Kimberly Mazurak (STI Clinic) – 10 years
Kimberly Royster (Lab) – 10 years
Melinda Wigger (CC4C) – 10 years
Matthew Yearout (Env Health) – 10 years

Marshall Reich (Lab) – 15 years
Barbara Rumer (Nutrition) – 15 years

Joan Ross (Health Ed) – 20 years
Hattie Wood (Admin Nursing) – 20 years

Annette Carrington (Health Ed) – 25 years

Gayle Harris (Admin) – 45 years

Retirees

Marcela Cook
Eric Ireland
Debbie Keith
Nancy Wood

The Board applauded those recognized at the Employee Service Awards Program.

ADMINISTRATIVE REPORTS/PRESENTATIONS:

- **1ST QUARTER FINANCIAL REPORT**-*follow-up discussion on departmental budget usage (Activity 39.2)*

At the November 9, 2017 Board Meeting, it was reported that the departmental budget was already at 80% usage at the end of the 1st quarter. Dr. Fuchs requested additional information on the use of the departmental budget.

Ms. Harris presented the slides prepared by Mr. Sutton which showed that the spending pattern seemed inflated because of the number of contracts encumbered in the cost center. Since the full amount of the contracts were encumbered the departmental budget usage appeared to be accelerated. In prior years at the end of the first quarter, similar budget usage has been documented.

[\(A copy of the PowerPoint Presentation is attached to the minutes.\)](#)

- **BULL CITY UNITED UPDATE (Activity 10.1)**

Mr. Clayton, Outreach Supervisor for Bull City United Team provided the board with an update on the Bull City United initiatives and upcoming events.

In November of 2016, Durham County Department of Public Health launched an exciting new initiative, Bull City United, to reduce shootings and killings in Durham. Bull City United uses an internationally recognized public health model (Cure Violence) to stop retaliatory shootings and mediate conflicts before they erupt into violence.

Six Bull City United team members have been assigned to two different target areas that were selected due to their high per capita level of violence: Census Tract 1300, which covers a section of Durham south of Highway 147, and Census Tract 1401, which covers the McDougald Terrace Public Housing Community. Bull City United relies heavily on the collection of community-level violence data in order to shape daily activities and uses a web-based system developed by the national Cure Violence program to track any violence and the team's response to that violence, mediations and service delivery in the community and among program participants.

A new space has been secured in the Southside – a storefront in Phoenix Crossing – that needs to be remodeled before it is open to the community. General Services is doing most of the remodeling work.

From July-October 2017, the team has conducted 36 mediations, most of which likely prevented violence. The outreach workers have 27 active participants and nine have found employment while working with Bull City United.

Upcoming Events:

- Toys for Tots – 122 children registered
- December 6 – Participant event – UNC Basketball
- December 16 – 100 Kids March (Southside)
- Week of Peace – January 1-7

[\(A copy of the PowerPoint Presentation is attached to the minutes.\)](#)

QUESTIONS/COMMENTS:

Commissioner Howerton: Just a couple of things, your dates, you don't have times for the events on there.

Mr. Clayton: We just did the press release today and so we will be circulating all that information at the beginning of the week. We have already identified the communities...you are talking about Week of Peace right?

Commissioner Howerton: Yes, and also the kids march.

Mr. Clayton: Well, the kids march is this Saturday and will take place on Enterprise Street. We have the addresses for the Week of Peace, but before we put out a flyer and all the information we wanted to make sure we had everything lined up. We just completed that today and we are sending out the press release at the beginning of the week.

Ms. Harris: We will e-mail that information to board members as well.

Chairman Allison: Question, with the individuals that you're able to find employment, especially for the individuals that have never worked before, I know you said you have job training but do you have on-going training for those individuals (i.e. communication, time management etc.)?

Mr. Clayton: Yes, there is on-going training. It was kind of trial and error. We were so excited about beginning to get some folks some jobs. They started working. Now we started a filter to make sure they have some job training and some skills in that area before they are employed.

Chairman Allison: Is there any relationship between you guys and those employers and supervisors to keep an open dialogue on how those guys are doing?

Mr. Clayton: Absolutely. That's one of the benefits...the outreach workers do a great job in building a relationship and a rapport with these organizations and they constantly use us. They come to us now to fill some of the employment spots. So that's great.

Commissioner Howerton: Do we have any numbers about the number of people that have been hired and how long have they stayed on their jobs?

Ms. Downey-Piper: We just finished tracking some of the employment data and so even though people were trained last May; the last few months are really what we have been focusing on by getting folks into their correct role, hiring outreach workers and linking them to the employers and making those relationships because what I have heard from the team is that they were able to convince some small business owners to hire our folks just because of the connection with the Bull City United program.

Ms. Harris: I will e-mail you the numbers.

- **BOARD OF HEALTH SMOKING RULE ENFORCEMENT UPDATE (Activity 34.3)**

Ms. Rich provided the Board with an update on Board of Health Smoking Rule Enforcement implementation at the Durham County Department of Public Health.

In 2012, Durham County passed the BOH Smoking Rule, prohibiting smoking in many outdoor public spaces. In 2016, the Rule was expanded to include e-cigarettes. This year (2017), the BOH revised the Rule to include additional sidewalks. To accompany these changes, Durham County Department of Public Health is currently working on the following implementation efforts:

1. Installing 5,000 no smoking signs in areas covered by the Rule
2. Developing a reporting system for community members to report violations in Durham OneCall
3. Disseminating media to educate community members about the Rule

[\(A copy of the PowerPoint Presentation is attached to the minutes.\)](#)

- **2016 SOTCH REPORT (Activity 10.1)**

Ms. Mortiboy provided the Board with an overview of the State of the County Health Report (SOTCH) and the Community Health Assessment.

The annual SOTCH report provides an interim update from the 2014 Durham County Community Health Assessment (CHA) on health trends among county residents. It provides the most current data highlighting county demographics, leading causes of death, and the county's six health priorities. Its purpose is to provide the community with information on the health of its residents and to serve as a resource for grant writing, local policies, budgets and programs.

The current county health priorities are:

- Access to Care
- HIV/STIs
- Obesity and Chronic Illness
- Education
- Poverty
- Substance Use/Mental Health

[\(A copy of the PowerPoint Presentation is attached to the minutes.\)](#)

Ms. Mortiboy stated that the County Health Report (CHA) is due next year. Durham County Department of Public Health (DCoDPH) conducted a couple of community listening sessions in November 2017 with twenty residents in attendance. The listening sessions looked at the priorities to narrow the list down to the top priorities and discuss ideas on how to address them. The information will be used to narrow down the priorities and develop actions for the top priorities. DCoDPH will also conduct an on-line survey in January 2018 to do our best to make sure that everyone has the opportunity to participate. Most of the six sections have been written. We have teams from partners, community volunteers and residents that will write our sections for us and fine tune them. The sections will be sent to editors early next year in plenty of time before the deadline. Ms. Mortiboy stated that any information shared today can be found at www.healthydurham.org.

- **PUBLIC HEALTH VACANCY REPORT (Activity 37.6)**

The Board received a copy of the vacancy report through the end of November 2017 prior to the meeting. The vacancy rate for October was 6.8%. There were no questions about the report.

[\(A copy of the December 2017 Vacancy report is attached to the minutes.\)](#)

- **NOTICES OF VIOLATIONS (NOV) REPORT (Activity 18.2)**

The Board received a copy of the Environmental Health Onsite Water Protection Section NOV report through the end of November 2017 prior to the meeting. There were no questions about the report.

[\(A copy of the December 2017 NOV report is attached to the minutes.\)](#)

Health Director's Report

Division / Program: Health Education Community Transformation / Linkage to Care

(Accreditation Activity 10.1 the local health department shall develop, implement and evaluate population-based health promotion/disease prevention programs and educational materials for the general public)

Program description

- A systematic approach to linking individuals that test positive for HIV, syphilis, Hepatitis C (HCV), gonorrhea (GC), chlamydia trachomatis (CT) to medical treatment.
- The definition of linkage to care varies for each STI: HIV- getting patient to their first appointment; CT/GC, and syphilis – treatment; and HCV - getting patient in contact with the bridge counselor or notifying them of their infection.

Statement of goals

- To improve access to timely HIV/HCV/STI treatment.
- To decrease re-infection and the spread of infection to others.
- To decrease the amount of individuals that are lost during the treatment continuum.
- To improve education about HIV/HCV/STI treatment methods.
- To address and reduce the stigma of HIV/HCV/STI treatment.
- To increase routine HIV/HCV/STI testing.

Issues

- **Opportunities**

- Collaborate with care networks in the Triangle (Durham, Chapel Hill). Health educators refer positive patients to the Adult Health Clinic (DCoDPH), Early Intervention Clinic at Lincoln, FOCUS bridge counselor (DCoDPH), Duke, and UNC.

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- **Challenges**

- Occasional lapse in time for treatment due to staffing and workflow of the Adult Health Clinic.
- A small percentage of patients are reluctant to get treated from this care network. Although this creates a delay, staff encourage individuals to get treated from their medical provider.
- Not enough providers offering treatment.
- Patients sometimes miss treatment and/or linkage appointments due mental health/substance use.

Implication(s)

- **Outcomes**

- 100% of patients are linked to medical treatment. (Staff continue to follow-up with them until they are linked to care. Sometimes this takes up to a year.)
- In 2016, 3 new HIV positive individuals were linked to care. Staff were also able to refer and confirm linkage to care of 12 previous positive individuals.
- In 2016, 97 positive Hepatitis C individuals, 18 syphilis positive individuals, 83 chlamydia positive individuals, 23 gonorrhea positive individuals were linked to care.
- Partners of positive individuals are notified of possible infection and are encouraged to get screened and/or treated.

- **Service delivery**

- Phone calls, home visits, letters, and social media are the tools used for implementing this system.

- **Staffing**

- The ITTS/Jail Public Health Educators.

- **Revenue**

- This is funded by State Agreement Addenda 825 and 534.

Next Steps / Mitigation Strategies

- Advocate for health educators to be able to distribute medication to patients infected with chlamydia.
- Continue to improve linkage to care flow with care network.
- Continue to develop and implement innovative techniques for linking individuals to care.
- Increase social media/online dating presence.

Division / Program: Health Education: Department-wide walking challenge

(Accreditation Activity 10.1 the local health department shall develop, implement and evaluate population-based health promotion/disease prevention programs and educational materials for the general public)

Program description

- In 2015, DCoDPH participated in a walking challenge against the Orange County Health Department (OCHD) employees. DCoDPH won the challenge, and participants stated that they enjoyed the experience.
- In late summer 2017, staff from DCoDPH, OCHD, and the Alamance County Health Department (ACHD) decided to participate in another six-week challenge from September-October 2017.

Statement of goals

- To motivate and encourage employees, especially more sedentary individuals, to move more and improve health behaviors
- To increase use of Durham County Government's Choose to Move program (30 minutes allotted for physical activity)
- To model a culture that embraces physical activity and change attitudes toward physical activity
- To develop a sustainable, replicable program for local health departments and other worksites

Issues

- **Opportunities**

- Collaboration with Orange and Alamance County Health Department employees.
- Increase physical activity and contribute towards improved health outcomes for employees.
- The use of our Fitbit corporate account to more easily keep track of participants' steps and standings.
- Teambuilding and encouragement among health department employees.
- Serve as a pilot for physical activity challenges among DCoDPH employees and prepare for county department-level challenges.

- **Challenges**

- The amount of time and coordination needed to work with OCHD and ACHD.
- Delay in receiving weekly reports from OCHD and ACHD, making it difficult to maintain excitement in DCoDPH employees.
- Time needed to receive and collect and track weekly steps and time to send email updates to DCoDPH staff with weekly step winners and most improved.
- Unforeseen issues that arose with the Fitbit dashboard and Fitbit users being unclear about their accounts.
- Several employees who were not connected to the dashboard did not submit steps by the established weekly deadlines.
- Some employees had a different type of tracker and were thus unable to connect to the dashboard.

Implication(s)

- **Outcomes**

- 39 DCoDPH, 45 OCHD, and 30 ACHD employees participated in the challenge. Teams were averaged to create a more even playing field.
- Durham County won the challenge by 190 miles.
- Employees walked just over 6,111 miles as a health department.
- Participant comments in response to the question “How did the challenge impact you physically, mentally, or otherwise?”
 - ❖ “Definitely increased my movement throughout the day.”
 - ❖ “Lost 4 pounds, felt a sense of accomplishment.”
 - ❖ “It made me feel real good, and helped me a lot. I lost some weight.”

- **Service delivery**

- Internal communications provided for employees with weekly challenge updates.
- Post-competition victory celebration with prizes for the top walker and most improved.

- **Staffing**

- Two health educators from DCoDPH coordinated with other health departments, communicated with participants, and kept track of steps and standings.

- **Revenue**

- None

Next Steps / Mitigation Strategies

- Examine post-challenge feedback and apply changes to the next challenge.
- Plan an internal challenge for early 2018.

Division / Program: Administration / Information Technology

(Accreditation Activity 32.1: The local health department shall have computer equipment and software needed to interface with state data management systems.

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Program description

- DCoDPH uses information technology to decrease the time it takes to design, deliver, and market the benefits and services it offers, increase access to information, document care, bill for services delivered, and integrate value-added functions. Electronic Medical Record (EMR) is for quality improvement to increase HIPAA compliance, provide quality services to clients, and increase revenue by the adoption of meaningful use programs.

Statement of goals

- To employ expanded use of current technologies
- To utilize data and information resources to improve service delivery
- To ensure IT planning, integration and effectiveness become a cultural phenomenon throughout the organization
- To ensure customer service standards for internal and external customers.
- To increase the overall quality of customer service to both internal and external customers
- To increase knowledge among staff with the DCoDPH.

Issues

- **Opportunities**
 - Staff submitted Stage 2 for Meaningful Use Requirements for four providers.
 - Providers had to use the EMR system in a meaningful way by completing a mandated percentage rate for 10 objectives and clinical quality measures used in the EMR system.
- **Challenges**
 - Setting up patient portals for non-English speaking clients was due to the needs of our clients.
 - EMR systems worldwide do not have translation capabilities for clients speaking and reading languages other than English.

Implication(s)

- **Outcomes**
 - The outcome of the Stage 2 Submission meets the Medicaid EMR Incentive Program which meets the federal and state requirements for Meaningful use.
- **Service delivery**
 - Completion of the Stage 2 Meaningful use Submission meets two goals for the Medicaid Incentive Program.
 - ❖ Engage Patients and Family
 - ❖ Increase transparency and efficiency
- **Staffing**
 - N/A
- **Revenue**
 - \$8,500 per provider

Next Steps / Mitigation Strategies

- Continue working with the providers to meet the measures utilizing the EMR system for Meaningful Use
-

Division / Program: Nutrition/Clinical Nutrition/Presentation at Women's Health Symposium
(Accreditation Activity 10.1 - The local health department shall develop, implement and evaluate population-based health promotion/disease prevention programs and educational materials for the general public.)

Program description

- On November 11, 2017, DCoDPH's Nutrition Division provided education to employees of the City of Durham at the Women's Health Symposium.
- The City of Durham Employee Wellness Program provides a comprehensive and innovative wellness program to employees. The wellness program is designed to help employees prevent disease and illness by lowering health risks through education, adopting healthy lifestyles, increasing the use of preventative medical screenings, and preventative health care.
- The Women's Health Symposium included a panel discussion with various health and wellness providers presenting for 5 - 10 minutes followed by questions from attendees. The program emphasized the importance of nutrition and its effects on overall health.

Statement of goals

- To deliver health promotion and disease prevention education and medical nutrition therapy to the residents of Durham County.
- To market clinic services.

Issues

- **Opportunities**
 - Collaboration between the Nutrition Division and the City of Durham promotes the goals of both agencies.
 - The intent of this event was not to provide 1:1 medical advice, but to encourage employees with in-depth, personal questions to make an appointment with the Nutrition Clinic.

Implication(s)

- **Outcomes**
 - An interactive table display, Rethink Your Drink, was staffed in the vendor section of the event.

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- In conjunction with the group panel education, nutrition education materials (MyPlate and Rethink Your Drink) and taste test samples (Mango and Black Bean Salsa) were passed out to participants in the vendor section.
- Based on questions and comments, the participants were clearly engaged and interested in nutrition.
- The program emphasized the importance of nutrition and how it affects overall health.
- **Service delivery**
 - Two Nutrition Specialists from DCoDPH contributed the educational presentation and the tabling event.
- **Staffing**
 - The DCoDPH Clinical Nutrition staff includes 3 Registered Dietitians who provide Medical Nutrition Therapy (MNT) and nutrition education outreach to the community.

Next Steps / Mitigation Strategies

- Continue to collaborate with community agencies.
- Build on the collaboration between staff in the DCoDPH Nutrition Division and the City of Durham Wellness Committee for future teamwork.

Division / Program: DINE Healthy School Environments – MyPlate Color Run

(Accreditation Activity 10.1 -The local health department shall develop, implement, and evaluate population-based health promotion/disease prevention programs and materials for the general public.)

Program description

- DINE is a school- and community-based nutrition education program targeting SNAP-eligible Durham families.
- Healthy School Environments (HSE) is a subprogram of the DINE school program. HSE aims to make the healthy choice the easy choice for students by facilitating nutrition and physical activity policy, systems and environmental changes at schools.
- The DINE school team partnered with Spring Valley Elementary School - a DINE HSE school – for the school’s annual month-long “Fun Run” fundraiser.
- DINE provided three-weeks of nutrition education and physical activity programming for the entire school, culminating in an inaugural “MyPlate Color Run” evening wellness event for students and families.
- The MyPlate Color Run was part race and part obstacle course; it emphasized balanced nutrition and the importance of physical activity. Students ran around the entirety of the school’s perimeter, stopping at seven stations on their course. Five stations represented food groups from MyPlate - the USDA’s healthy eating model - and two stations represented the importance of hydration and physical activity. Each station featured fun food facts, a physical activity challenge, a corresponding taste-test, and a chance to be splattered with the colored cornstarch that gives the color run its name.

Statement of goals

- To plan and execute a replicable school-wide wellness event for students and families in an effort to promote a culture of wellness.
- To provide nutrition education and physical activity opportunities for all students at the school.
- To provide a series of programs and resources to students and families over the course of three weeks to reinforce nutrition education and physical activity messaging.

Issues

- **Opportunities**
 - Spring Valley holds an annual month-long “Fun Run” fundraiser event. Implementing nutrition education and additional physical activity opportunities complemented the existing wellness theme.
 - The PTA funded a healthy dinner after the run which encouraged families to attend the event.
 - Offering an evening wellness event provided an opportunity to engage parents and families in nutrition and physical activity education.
 - The planning documents and program materials created for this inaugural event offer an opportunity for replication in the future at other schools throughout DPS.
- **Challenges**
 - The costs for this event were significant which restricts the amount of similar events DINE can execute in the future.

- Replicating this event requires a significant amount of effort and time from the PTA and school administration. This creates barriers for some of the DINE schools – especially those with less active PTAs.

Implication(s)

- **Outcomes**
 - A series of nutrition and physical activity programming and resources were provided to Spring Valley students and families over a three-week period (Oct.9th-26th).
 - The MyPlate Color Run and PTA-sponsored family dinner was held for Spring Valley students and parents on the evening of Oct. 26th.
- **Service delivery**
 - On Oct. 9th, DINE nutritionists performed a nutrition-education assembly for the entire student body during the school day. This resulted in 614 direct contacts.
 - On Oct. 9th, DINE nutritionists carried out a MyPlate-themed traveling photo booth to all classrooms at Spring Valley. This resulted in 614 indirect contacts.
 - From Oct. 16-20th, DINE provided nutrition education magazines and workbooks to all students during their book fair. This resulted in 614 indirect contacts.
 - On Oct. 26th, DINE nutritionists led a MyPlate-themed cool down for the daytime fun run for all students. This resulted in 614 indirect contacts.
 - On Oct. 26th, DINE nutritionists, additional DCoDPH nutrition employees and a group of volunteers executed a MyPlate-themed Color Run evening event for students and families. This resulted in 88 indirect contacts.
- **Staffing**
 - Two DINE school nutritionists coordinated the three-week period of events with the Spring Valley PTA.
 - The entire DINE school team (eight nutritionists) and additional DCoDPH nutrition employees staffed events.
 - Volunteers were recruited from the Spring Valley PTA and the UNC MPH/RD graduate program.
- **Revenue**
 - No revenue is generated by this activity.

Next Steps / Mitigation Strategies

- Continue to work with Spring Valley and other DPS schools to help administration replicate or provide a similar event.
- Continue to partner with Spring Valley to help facilitate nutrition and physical activity policy, systems and environmental changes at the school.

Division / Program: Nutrition Division / DINE/Food Month Celebration

(Accreditation Activity 10.1 - The local health department shall develop, implement and evaluate population-based health promotion/disease prevention programs and educational materials for the general public.)

Program description

- Throughout the year, the Nutrition Division celebrates various nutrition-related observances. During the month of October, there are many nutrition-related observances, such as Farm to School Month, Eat Better Eat Together Month, World Food Day, National Apple Month, National Pork Month, National Kale Day, National School Lunch Week, and National Seafood Month. Instead of celebrating just one of these observances, the Nutrition Division elected to celebrate Food Month recognizing the many nutrition-related observances during the month with the goal of increasing fruit and vegetable consumption among participants.
- Food Month activities included the following:
 - MyPlate Color Run at Spring Valley Elementary (See above separate report.)
 - Fruit & Veggie (F&V) Photo booth at Staff Development Day
 - ❖ October 4th Staff Development Day: DCoDPH staff were able to have their picture taken with their favorite oversized fruit and/or vegetable in a photo booth format. Participants received a fresh apple and, if they posted the picture on social media with the hashtag #URappeelingDCo, an entry into a drawing to win a nutrition prize.
 - Fruit & Veggie Photo booth at the Health Department
 - ❖ October 30th Health Department Lobby: Health Department clients were able to have their picture taken with their favorite oversized fruit and/or vegetable in the F&V photo booth. Participants received a fresh apple.

- ❖ The Nutrition Division also provided nutrition handouts and a Carrot Dog taste test. A carrot dog is similar to a hot dog, but a roasted carrot takes the place of the hot dog. Clients' responses were initially surprised and doubtful, but after tasting, were largely positive.
- Schools and Childcare settings
 - ❖ Posted F&V A-Z posters in schools and childcare centers.
 - ❖ Sent an email to teachers about ways to celebrate Food Month in their classroom including fruit & veggie activities, offering teachers Farm to School books and workbooks for use with students, and being a healthy role model for students.
 - ❖ Provided elementary schools, F&V A-Z PA announcements to be read throughout the month of October in schools.

Statement of goals

- To encourage people to eat more fruits and vegetables.
- To demonstrate different ways vegetables can be enjoyed.
- To bring awareness to the October nutrition-related observances.

Issues

- **Opportunities**
 - Food Month activities provided another opportunity to highlight the importance of eating fruits and vegetables and get people excited about eating fruits and vegetables.
 - Food Month activities provided the nutrition division the opportunity to reach people that they don't normally reach – families of students and other clientele coming into the health department who aren't visiting nutrition clinics.
- **Challenges**
 - Food Month activities took a lot of up front planning, staff time for planning, and staff time for running events.

Implication(s)

- **Outcomes**
 - Over 500 elementary school students participated in the Color Run Kickoff event.
 - More than 80 people participated in the Spring Valley Color Run.
 - F&V A-Z posters were hung in over 20 elementary schools and childcare centers.
 - More than 80 health department clients participated in the F&V photo booth and Carrot Dog taste test.
 - Numerous health department staff participated in the F&V Photo booth during staff development day.
- **Staffing**
 - Staffing required many members of the nutrition division and various volunteers from the schools.
- **Revenue**
 - No revenue was generated by these activities.

Next Steps / Mitigation Strategies

- Continue to explore ideas on how to create the most impact during events such as these.
- Focus future nutrition-related celebrations on reaching people that are outside of the Nutrition Division's typical reach.

Division / Program: Administration / Communications and Public Relations

(Accreditation Activity 5.3- Health Alerts to Media, 9.1- Disseminate Health Issues Data, 9.5- Inform Public of Dept. / Op. Changes, 10.2- Health Promotion –Disease Prevention, 21.2- Make Available Information About LHD Programs, Services, Resources)

Program description

- The Communications and Public Relations program provides accurate, timely, and relevant information to the residents of Durham County on key health issues as well as informing the public about department programs and services availability. Information is disseminated in many forms, included broadcast, print, and multimedia (web-based).

Statement of goals

- To increase the public's awareness and understanding of important health information and the Department of Public Health's programs and services availability

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- To increase the public's utilization of the Department of Public Health's programs and services.
- To become the main, trusted and dependable choice for journalists seeking information and assistance to develop compelling and balanced stories on Public Health issues.

Issues

- **Opportunities**
 - Being present at events allowed for our work to be captured for historical purposes. Putting more updated material on the website increases viewership. Sending press releases more frequently allows for more familiarity with media and increases our chance of exposure.
- **Challenges**
 - **Event photography and videography at multiple events at the same time.**

Implication(s)

- **Outcomes**
 - Communication surrounding various health issues and department programs and services are being publicized in a timely, organized manner and with greater frequency.
 - Visibility of public health information from the department has substantially increased.
- **Service delivery**
 - Press Releases
 - DCoDPH to Close on November 10 in Observance of Veterans Day – 11/2/2017
 - Update Regarding Northern High School TB Testing – 11/20/2017
 - DCoDPH to Close on November 23-24 in Observance of Thanksgiving Day – 11/20/2017
 - Use Your Double Bucks During the Holidays – 11/21/2017
 - World AIDS Day Shoe and Sock Drive – 11/28/2017
 - Website Updates
 - All Press Releases Added to Website
 - November Events Added to PH Calendar
 - Input November BOH Meeting Agenda on Website
 - Holiday Closures Added to Homepage
 - Community Connections eNewsletter sent on November 8.
 - Media Archives
 - [The 223 tuberculosis screenings at Northern High School are in](#) – October 31, 2017 – The Herald Sun
 - [Durham Connects makes free visits to new moms and helps with other services](#) – October 31, 2017 – The Herald Sun
 - Results not clear nearly a month after TB tests at Durham school – November 13, 2017 – WNCN
 - [No new cases of TB found at Durham Northern High](#) – November 20, 2017 - WRAL
 - [First Results of TB tests at Northern High School are in](#) – November 21, 2017 – The Herald Sun

Next Steps / Mitigation Strategies

- Disseminate consistent & timely content
- Engage the public on social media to increase page likes and followers
- Increase the number of monthly eNewsletter subscribers
- Continue to facilitate internal communications strategies

Division / Program: Dental Division / Oral Health Screenings in Durham Public Schools
(Accreditation Activity 20. 1- The local health department shall collaborate with community health care providers to provide personal and preventative health services.)

Program description

- Per an MOU with Durham Public Schools, the Dental Division conducts dental screenings for children in Kindergarten and 5th grades during the school year.
- For schools visited by the Tooth Ferry, the hygienist will screen 1st – 4th graders as well.
- The parents of students screened are provided letters detailing the screening, and that “it is completed with tongue depressor and flashlight – and does not replace a complete examination by the dentist.” The letters state whether the child has or does not have cavities. The note explains that if the child does not

have a dental home they may qualify for care at the Department's Dental Clinic. (For the schools the Tooth Ferry visits, those parents are provided information and registration packets.)

- The State Oral Health Section sends their hygienist to screen two schools, and this data is used in their report.

Statement of goals

- To provide indications of the prevalence of dental disease in school aged children in the County- and how Durham compares with other counties within the state.
- To provide dental screening and Oral Health presentations in Durham Head Start and Early Head Start settings.

Issues

- **Opportunities**

- The screenings serve as a positive dental experience for students, and assists in collecting vital information to help improve children's dental health programs.
- Those children without a dental home will have the opportunity to begin dental treatment when the Tooth Ferry visits their school, and have the option to complete their treatment plan in the clinic if needed.
- The screenings provide education to the students, and includes oral health presentations at the school.

- **Challenges**

- Some schools have been hesitant to supply classroom rosters, promote the screenings, etc. which has required additional conversations with DPS leadership.
- It saves the hygienist and assistant time if the Dental team can write the students' names on Screening Results letters (sent home to parents) and this can only be completed if we have the rosters in advance.
- There are often last minute adjustments to the screening schedule when arriving at the schools, including finding space for the hygienist and assistant.

Implication(s)

- **Outcomes**

During the 2016-17 school year, 7,615 students were screened.

- **Service delivery**

- The Division screens 7,500+ students per year and provides up to 40 oral health presentations in the community.

- **Staffing**

- A Public Health Hygienist, provides the screenings, and is aided by a Processing Assistant or dental team member.

- **Revenue**

- N/A

- **Other**

- N/A

Next Steps / Mitigation Strategies

- Resume annual meeting with schools to provide overview of screening process.

Division / Program: Community Health / Family Planning Clinic

(Accreditation Activity 20.1-The local health department shall collaborate with community health care providers to provide personal and preventative health services.)

Program description

- The Family Planning program provides comprehensive services relating to methods of contraception and fertility control. Emphasis is placed on the teenage female and the lower income adult female who desire these services.
- Services include complete physical examination as applicable, repeat pap smears, contraceptive methods, treatment of sexually transmitted diseases, colposcopy for abnormal pap smears, and counseling appropriate to visit type.

Statement of goals

- To collaborate with Rex Hospital for the provision of free on-site mammogram screening services to DCoDPH clients through Rex mobile mammogram bus.

Issues

- **Opportunities**
 - The 11/18/2017 mammogram screening was on a Saturday. This was a great opportunity for collaboration with DCo's safety and security personnel in providing breast cancer preventative services at a day of the week that was convenient for DCo Citizens.
- **Challenges**
 - This was a challenge because DCoDPH is usually closed on Saturdays. Although, the Rex Mammogram bus will be parked in the DCoDPH parking lot, staff needed to collaborate with other DCo departments in order to provide access to Durham County Human Services building (i.e. restroom use) for our clients and Rex staff.

Implication(s)

- **Outcomes**
 - 18 Family Planning clients received free mammograms screening services on 11/18/2017.
- **Service delivery**
 - DCoDPH in collaboration with Rex Hospital provided free mammogram services to DCoDPH clients who could not afford to pay for a required Breast Cancer screening preventative service.
- **Staffing**
 - DCoDPH provided and paid for security services and additional personnel to open the DCoHS building during the hours that the Rex mobile mammogram bus was on site at DCoDPH and till all clients left the building.
- **Revenue**
 - This should have no major impact on DCoDPH revenue.

Next Steps / Mitigation Strategies

- Continue to collaborate with Rex Hospital for the provision of free on-site mammogram screening services to DCoDPH clients.

Division / Program: / Community Health Division/Communicable Disease Program

(Accreditation Activity: 12.2 The local health department shall participate in a collaborative process to assess resources needed, including personnel, funding, policy changes, and system change, to address community health problems.)

Program description

- Staff partnered with Durham County Emergency Medical Services (EMS) to provide flu outreach in the Durham community.

Statement of goals

- To provide immunization for influenza to the homeless population in Durham.
- To provide access to care to those who may not otherwise come to DCoDPH to receive a flu vaccine.

Issues

- **Opportunities**
 - To reach out to those who otherwise would not receive a flu vaccine.
 - To provide education about influenza and the vaccine to the homeless population.
- **Challenges**
 - Finding times when the target population would congregate at several shelters that serve them.
 - Convincing some of the shelters to allow us to do the outreach at their shelter.

Implication(s)

- **Outcomes**
 - 127 Durham homeless residents received influenza vaccines in the month of November.
- **Service delivery**
 - 127 vaccines were administered at the Durham Rescue Mission, Open Table Ministry, and Urban Ministries of Durham. The vaccines were provided during lunch hours during the day and dinner hours in the evening.

14 A Regular Meeting of the Durham County Board of Health, held December 14, 2017.

- **Staffing**
 - One DCoDPH RN provided the immunizations and EMS provided the transportation.
- **Revenue**
 - DCoDPH supplied the influenza vaccine.
- **Other**
 - N/A

Next Steps / Mitigation Strategies

- Conduct another outreach in December.
-

Division / Program: Community Health/ Communicable Disease Program

(Accreditation Activity: 7.2: The local health department shall conduct communicable disease investigations, follow-up, documentation, and reporting activities.

Program description

- The staff of the Communicable Disease (CD) Control investigate all reported cases of communicable diseases/conditions (including outbreaks), report all cases to the NC Division of Public Health, and assure that appropriate control measures have been issued in accordance with the N.C. public health laws.
- On 10/31/17, staff was notified of a Pertussis outbreak at the North Carolina School of Science and Math (NCSSM)

Statement of goals

- To assess all known contacts for symptoms of Pertussis.
- To investigate all cases with lab-confirmed Pertussis in an effort to prevent spread of the disease.

Issues

- **Opportunities**
 - Educational opportunity for parents and students to learn about Pertussis and control measures for preventing spread of the disease.
 - To contain the outbreak of the disease.
- **Challenges**
 - Students were leaving for fall break; students had to be tested prior to their departure.
 - Some students with symptoms of Pertussis were planning to go home by bus.

Implication(s)

- **Outcomes**
 - Four out of 680 students met case definition for Pertussis – two lab-confirmed, two were contacts of the original students with Pertussis.
- **Service delivery**
 - DCoDPH delivered two Pertussis kits for testing to the school at 7:30 am on November 1, 2017, as well as investigated those two positive cases.
- **Staffing**
 - Multiple counties, including Durham, were involved in the investigation.
- **Revenue**
 - N/A

Next Steps / Mitigation Strategies

- Follow-up on status of one potential case investigation being conducted by staff in Guildford County.
-

Division / Program: Community Health /Maternity Clinic

(Accreditation Activity 20.1-The local health department shall collaborate with community health care providers to provide personal and preventative health services.)

Program description

- The Maternal Health (MH) clinic provides comprehensive prenatal services to low income, medically low risk pregnant women.
- The clinic is comprised of nurses, medical providers, clinic assistants, support personnel, and Spanish interpreters.

Statement of goals

- To collaborate with researchers and participate in multiple randomized and non-randomized research studies. The study findings related to preventative maternal-child health care outcomes may benefit Durham County residents.

Issues

- **Opportunities**
 - The clinic is currently participating in three IRB approved studies with Duke Researchers. Two of these studies are Randomized Control Studies (RCT) while one is not an RCT.
 - (1) Phase 3 RSV Vaccines in Pregnancy: The goal of this study by Duke Perinatal Research Center was to evaluate the safety of the RSV Vaccine in pregnant women and their infants. Each participants received monetary compensations and an electronic breast pump.
 - (2) CMV Infection in Pregnancy: The objective of this study is to identify clients who have primary CMV infection in pregnancy. Each participant will receive free CMV screening.
 - Baby Steps II: The study will test the efficacy of a text-based scheduled gradual reduction and counseling intervention to promote smoking cessation in late third trimester and to assess the effectiveness of clinic staff enrolling women in the texting program. Clients are provided access to a free effective program to quit smoking.
- **Challenges**
 - MH clinic is a very busy clinic that already screens patients for multiple risks factors.
 - Screening and recruiting participants for all three studies added to the length of time spent on patient care by clinic staff.

Implication(s)

- **Outcomes**
 - (1) Phase 3 RSV Vaccines in Pregnancy: The RSV vaccine provided to clients who enrolled and randomized to receiving the RSV vaccine may help protect clients and their infants from the possibility of contracting the RSV virus. If the study has positive findings, it could lead to a policy of recommending provision of RSV vaccines to pregnant clients.
 - (2) CMV Infection in Pregnancy: Clients who scree positive for primary CMV infection in pregnancy will have the opportunity to enroll in the Randomized Control Trial (RCT) arm of the study to look at the use of hyperimmune globulin to prevent CMV transmission to the fetus.
 - (3) Baby Steps II: Findings may inform future smoking cessation dissemination methods. The researcher is willing to provide training on how to counsel pregnant women to re: smoking cessation to staff.
- **Service delivery**
 - Prior to initiating the studies, MH staff were trained on how to screen and recruit for each of the three research studies.
 - DCoDPH lab staff are required to draw an extra tube of blood while drawing routine prenatal labs from participants.
 - DCoDPH provided a space for study team member(s) to utilize during staff training, to discuss study details with interested clients and to obtain consents from participants.
- **Staffing**
 - Services of nurses were required for screening and recruiting study participants for all three studies. In addition DCODPH Lab staff were required to draw labs for CMV study participants.
- **Revenue**
 - This should have no impact on revenue.

Next Steps / Mitigation Strategies

- Receive and share study findings from each of the three studies which may influence future prenatal health care screenings, referrals, and improve maternal-child health care outcomes in Durham County.

COMMITTEE REPORTS:

- **2018 NALBOH CONFERENCE PRESENTATION/SUBCOMMITTE APPOINTMENT**

Ms. Harris stated that Dr. Levbarg, Dr. Braithwaite, Dr. Miller and Dr. Allison participated in a conference call last night to discuss potential topics to present at the 2018 NALBOH conference. The subcommittee decided to look at the work that the Durham County Department of Public Health is doing related to Naloxone and Safe

Syringe Programs. The topic would be “Public Health 3.0 in Action: Partnering to Reduce Drug-Related Deaths.” The abstract is due on January 15, 2018.

OLD BUSINESS:

• **NALOXONE/NEEDLE EXCHANGE** (*Follow-up discussion on General Statute*)

Dr. Allison asked if Attorney Wardell provided an update related to his interpretation of the statute related to the naloxone/safe syringe statute. Ms. Harris read Attorney Wardell’s text message response received on December 14th following an inquiry sent to him at 1:45p.m.: “Yes, it is as Dr. Sena stated. All is fine with her approach.”

NEW BUSINESS:

• **STI RESEARCH STUDY**

Dr. Sena provided an overview on a new research study to evaluate the PrEP program. Dr. Meredith Clement from Duke Infectious Diseases will conduct the study. Dr. Meredith will receive aggregate data from DCoDPH regarding the number and characteristics of patients referred for Pre-exposure Prophylaxis (PrEP). She has submitted the necessary paperwork with Lincoln in order to analyze data from patients seen in their clinic for PrEP. This evaluation will help us improve our program with Lincoln.

The STI Clinic has been providing HIV PrEP to patients since May 2015.

The DCoDPH has established processes for referral and an MOU with Lincoln Primary Care Clinic, who provides PrEP for our patients. Unfortunately, some patients never make it to Lincoln or “fall out” of the PrEP care continuum.

Mr. Curtis made a motion to approve the STI Research Study. Mr. Dedrick seconded the motion and the motion was unanimously approved.

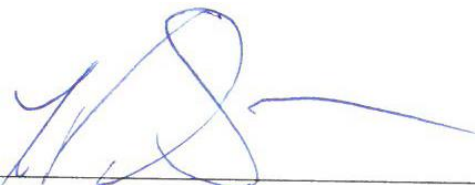
• **AGENDA ITEMS JANUARY 2018 MEETING**

- Appointment-Personnel Committee
- Appointment-Nomination Committee
- Tooth Ferry Update
- Fit Program Update

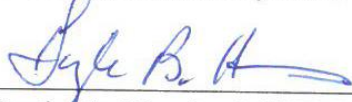
INFORMAL DISCUSSION/ANNOUNCEMENTS:

There was no informal discussion.

Mr. Dedrick made a motion to adjourn the regular meeting at 6:02pm. Dr. Jackson seconded the motion and the motion was unanimously approved.



F. Vincent Allison, DDS-Chairman



Gayle B. Harris, MPH, Public Health Director