

**Health Director's Report**  
**March 14, 2019**

**Division / Program: Pharmacy & Health Education / Safer Syringe Program**

**(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**

- On April 2, 2018, the DCoDPH Pharmacy launched the Safer Syringe Program based on the guidance and program requirements from the NC Division of Public Health.

**Statement of goals**

- To offer new needles, syringes, and injection supplies to reduce the transmission of HIV and Hepatitis C in the community.
- To offer free HIV and Hepatitis C testing and follow-up care.
- To offer education, treatment information, and referrals to community members.
- To provide a safe method of disposal for used needles and syringes.

**Issues**

- **Opportunities**
  - Reduce the transmission of HIV and Hepatitis C by offering new needles, syringes, and injection supplies.
  - Reduce the risk of bacterial infections (i.e. endocarditis) that occur when injection supplies are reused.
  - Connect participants with community resources including treatment options, health care, and housing assistance.
  - The following items are provided in the Safer Syringe Kit:
    - 10 sterile 1.0mL syringes with fixed needles
    - Alcohol swabs
    - Tourniquet
    - Condoms
    - Sharps Container
    - Additional injection supplies
    - Participant ID card
    - Printed material for harm reduction and ancillary services
  - Fentanyl testing strips and Naloxone kits are also offered with each SSP Kit.
  - The NC Injury and Prevention Branch received grant funds to purchase SSP supplies in February 2019. Durham County's portion of the grant was \$1,000. SSP supplies have been ordered with these funds to include antibiotic ointment, hand sanitizer, and feminine hygiene products.

- **Challenges**
  - Ensure that used needles and syringes are properly discarded in a puncture proof container. Sharps containers are included with SSP Kits and participants are encouraged to use of them and return the container to the DCoDPH Pharmacy.
  - Ensure that used needles and syringes are not deposited in the medication drop box in the HHS lobby. There is a sign on the box asking that needles and syringes be brought to the pharmacy or laboratory for safe disposal.

## Implications

- **Outcomes**
  - The following statistics have been collected for January 2019:
    - Unique individuals: 3
    - Total contacts: 8
    - Syringes dispensed: 90
    - Syringes returned\*: 60
    - Sharps containers dispensed: 3
    - Fentanyl strips dispensed: 2
    - Naloxone kits distributed (with SSP): 2
    - Naloxone kits distributed (non-SSP): 19
    - Naloxone reversals reported: 0
  - Year-to-date statistics, FY18-19:
    - Unique individuals: 24
    - Total contacts: 47
    - Syringes dispensed: 190
    - Syringes returned\*: ~2065
    - Sharps containers dispensed: 62
    - Fentanyl strips dispensed: 51
    - Naloxone kits distributed (with SSP): 23
    - Naloxone kits distributed (non-SSP): 158
    - Naloxone reversals reported: 2

\*“Syringes returned” metric includes all syringes regardless of usage (i.e. substance use, medical use, prescription use)

- **Service delivery**
  - Planning and implementation was completed by the Opioid Response Committee with guidance and support from the NC Division of Public Health, Injury and Violence Prevention Branch.
- **Staffing**
  - Pharmacy, Health Education, and Bull City United team members have received training from the NC Division of Public Health and the NC Harm Reduction Coalition regarding harm reduction strategies and Safer Syringe Program practices.

### **Next Steps / Mitigation Strategies:**

- Statistics from the Safer Syringe Program will be monitored and reported to the Board of Health monthly.
  - The Opioid Response Committee will continue to work with the NC Division of Public Health to improve our program and develop strategies to further our goals.
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### **Division/Program: Dental/ Give Kids a Smile Event (Free Dental 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 annual Give Kids a Smile Program was held on Thursday, February 7, 2018, providing free exams and services to youth under 21 years of age.

### **Statement of goals:**

- To promote good oral health in children 0-20, and to provide oral health instruction to patients and their families, as well as the community at large.

### **Issues**

- **Opportunities**
  - The event was moved from a Friday to a Thursday, so that we could offer morning and afternoon sessions, and provide more than exams and x-rays.
  - In addition to the Department's dental team, UNC sent four dental students and two hygiene students, under the direction of faculty member Dr. Beau Meyer.
  - UNC Dentist, Dr. Sameundsson brought along the school's therapy dog, Grayson.
  - Patients received exams, cleanings, and some operatory work.
- **Challenges**
  - Although this is an opportunity for free dental care, there were still twelve (12) no-shows. Patients in the clinic were discussing ICE (US Immigration and Customs Enforcement) being in the area.
  - While the clinic hoped to see 45 patients, the high number of no-shows prevented this from happening.

### **Implication(s)**

- **Outcomes**
  - The opportunity to provide additional services was well received by patients as well as UNC students.
  - The therapy dog, Grayson, was popular with patients and the team. In addition to the patients, she visited with their families as well.
  - Vendors donated much of the materials and have pledged to do the same for next year's event.
- **Service delivery** – The event ran from 8:30 a.m. – 4:30 p.m. and 36 patients received dental services.

- **Staffing-** Four dental assistants, two hygienists, Director of Dental Practice, Division Director, and front desk staff assisted with the event.
- **Revenue** – The Division provided the community with \$5,800 worth of dental services.

### **Next Steps / Mitigation Strategies**

- Discuss ways to expand next year’s event to include presentations from other Divisions in the Department and devising a schedule so that we can see more patients.

### **Division / Program: Nutrition/DINE in Early Childhood/Nuestra Escuelita**

**(Accreditation Activity 10.2 - The local health department shall carry out or assist other agencies in the development, implementation and evaluation of health promotion/disease prevention programs and educational materials targeted to groups identified as at-risk in the community health assessment.)**

### **Program description**

- DINE in Early Childhood is a nutrition education program targeted at SNAP-eligible families, whose child, aged 0-5, attends daycare, Pre-k, or Head Start in Durham, NC. This program also offers nutrition consultation and training to help child care programs implement policy, systems and environmental changes to improve preschool environments.
- DINE in Early Childhood nutritionist partnered with Durham Public Schools’ The Whitted School and the nonprofit PORCH to create a food pantry serving students’ families in response to high rates of food insecurity among the children.

### **Statement of goals**

- To make the healthy choice, the easy choice for children of low-income families living in Durham, NC that attend local preschools.
- To improve food access and decrease food insecurity for preschoolers of low-income families living in Durham, NC.

### **Issues**

- **Opportunities**
  - Teachers noticed that children were arriving to school hungry, especially on Monday mornings. These teachers reached out to DINE. DINE in Early Childhood facilitated the collaboration of The Whitted School and PORCH, a local food collection program, to start a food pantry.
  - PORCH supplies The Whitted School with at least 2 vegetables, 2 fruits, 2 proteins, 2 dairy’s, 2 grains, 2 hot items, and 2 snacks per child in need, over half of the student population.
  - Food was initially obtained though food drives at other local preschools. PORCH has since raised enough money to sustain the pantry without relying on food drives.
  - The variety of the food pantry bags, offering fresh fruit and vegetables, dairy products and whole grains, proteins and other healthful sources of calories, will help ensure preschoolers are receiving the foods they need to develop appropriately.

- Students learning outcomes and attendance rates could possibly improve due to the ability to have adequate food over the weekend. Possibly by having a food pantry, students might be more willing to come to school and more likely to concentrate on school because they are not hungry.
- The Whitted School and Porch staff are working with DINE to create a client choice pantry, in which the food will be tailored to each family.
- **Challenges**
  - The Whitted School needed to change its routine, structures, and environment to successfully run a food pantry. This work is ongoing, and change is often hard.
  - Reaching parents to determine what food is needed and if the pantry is successfully filling this need is a challenge.

### **Implication(s)**

- **Outcomes**
  - Exposure to foods and tastes in early childhood highly influences dietary patterns throughout life, therefore this program could have a great impact on the health and wellbeing of the children.
  - Improvement in attendance and participation rates due to adequate nutrition while they are away for the weekend.
- **Staffing**
  - The DINE in Early Childhood nutritionist spearheaded the project with consultation by the DINE Healthy Environments Nutritionist.
  - DPS teachers are assisting with identifying students and surveys.
  - PORCH staff assist with food procurement and delivery.

### **Next Steps / Mitigation Strategies**

- Survey parents to determine if the pantry is meeting their needs and what foods should be provided.
- Identifying funding sources to continue to pantry.

### **Division / Program: Health Education and Community Transformation (HECT)/ National Condom Week**

**(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**

- National Condom Week (NCW) is celebrated the same week as Valentine's Day in the USA. Using humor, NCW has become a tool to help educate young adults about serious risks involved with unprotected sex. This includes the risk of getting and spreading sexually transmitted diseases including HIV as well as unintended pregnancies.
- In observance of National Condom Week, the Health Education and Community Transformation Division, Durham Coalition on Unintended Pregnancy Prevention

(DCUPP), North Carolina Central University Student Health Services and Department of Public Health Education (P3 students) sponsored several National Condom Week activities from 2/11/-2/15/2019, around the theme #Iplanprotectprevent. The first event held was a 3-hour relationship workshop with presentations from The Cov Church International, Black Women of Durham and several adjunct instructors from NCCU. Other activities during the week included dorm storming (education and condom distribution in five dorms), STD/HIV testing, sex-pectation health fair and finally massive condom distribution in the cafeteria. All events provided educational resources, referrals and demonstrated the importance of proper condom use.

### **Statement of goals**

- To raise awareness of unintended pregnancies, HIV/AIDS and other STDS and the impact on different age groups, especially among 15-24-year olds.
- To promote developing healthy sexual relationships and the importance of verbal consent
- To raise awareness of proper and consistent condom use

### **Issues**

- **Opportunities**
  - Collaborate with a group of students focused on pregnancy prevention on campus to plan and implement the NCW activities.
  - Planning and collaboration with community partners went well.
- **Challenges**
  - Low attendance for some of the events.
  - One event was cancelled at the last minute. Personnel felt distributed condoms would promote sexual activity.

### **Implication(s)**

- **Outcomes**
  - A total of 105 students attended the relationship conference. Student evaluations were conducted. Overall, student enjoyed the conference, would attend again and would like more presentations on consent, sexual assault and communication.
  - 89 unduplicated individuals received free screenings (HIV, Syphilis, Gonorrhea, Chlamydia and Hepatitis C) and 4,600 condom bags were provided along with community information and resources.

#### **Service delivery**

- #Iplanpreventprotect T-shirts were distributed
- NCCU students were provided with different assignments such as recruitment (students/space), marketing (flyer developed/approved) and fundraising.
- Two weeks prior to all events, flyers were disseminated on campus and other sites in the community
- **Staffing**
  - Health Educators from HECT
  - NCCU P3 (Iplanpreventprotect) students
  - NCCU Student Health Services
  - NCCU Community Health Students

## **Next Steps / Mitigation Strategies**

- Start planning for 2020 in June 2019
  - Move more activities off campus, perhaps city-wide events.
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## **Division / Program: Health Education/Health Promotion& Wellness program: Compression Only CPR**

**(Accreditation Activity 12.1 – The local health department shall participate in a collaborative process to identify strategies for addressing community health problems)**

### **Program description**

- Studies have shown that being trained in hands only CPR can make a lifesaving difference when someone suffers a cardiac arrest. In support of Strategic Plan Goal 3, the Health Promotion & Wellness program team continues to offer Hands Only CPR in the community, faith-based and worksite settings.

### **Statement of goals**

- To train as many Durham residents in hands only CPR as possible so that they are more likely to provide care in the event of a sudden cardiac arrest.

### **Issues**

- **Opportunities**
  - The Health Promotion Program Manager held a train-the-trainer session at two faith-based sites in Durham to build the capacity for trainers. The goal was to build the capacity to reach more community members and groups. One of the two FBO, has conducted additional internal trainings and has volunteered to help support DCoDPH requests twice since the train-the-trainer session.
  - The Health Promotion Program Manager collaborated with Emergency Preparedness to offer a train-the-trainer session for the Medical Reserve Corps, training five participants and one DCoDPH staff member. It is the intent for the MRC to assist with scheduled community hands only CPR requests and conduct trainings for which they have recruited participants.
  - Hands Only CPR has been promoted as an opportunity on numerous occasions while building and maintaining relationships with various groups. As a result, we have had requests from four faith-based organizations, three worksites and two community groups.
  - Given that requests have come from numerous organizations and groups, we have not had to secure or pay for space to hold the trainings.
- **Challenges**
  - Logistics still can be a challenge for organizations that have ongoing activities onsite. Sometimes it requires frequent follow-ups before a training event is scheduled.
  - Equipment and educational materials are prepared based on the number of participants we are told sought interest. This requires anywhere between 5-10

- manikins, AED trainers and other teaching resources transported by the DCoDPH staff member.
- Organizations sometimes want more events than we have the capacity to fill, such as First Aid etc.

### **Implication(s)**

- **Outcomes**
  - The train-the-trainer events was held at New Red Mill Missionary Baptist Church and the Durham County Human Services Building, where 13 were trained.
  - Hands Only CPR sessions have been held at: The Durham Rescue Mission Main Campus (12), Durham Rescue Mission, other campus (23)
  - Worksites: DCo Library (55); Faith-based Mt Level MBC (6), North East (6);
  - Community sites: Weaver St (13)
- **Service delivery**
  - Many residents commented on how easy it was to get to the Human Services Building and that parking was not a problem in comparison with many of the hospital facilities. Also, this training is typically held in Wake County as opposed to Durham.
- **Staffing**
  - For the train-the-trainer event, one DCoDPH staff member and for one event a DCoDPH staff member and trained volunteer; other community events included 1-2 DCoDPH staff members

### **Next Steps / Mitigation Strategies**

- Continue to respond to requests for Hands Only CPR for organizations utilizing DCoDPH staff members and volunteers.
- Continue to work on our evaluation efforts to collect data.
- Continue to collect training data from sessions conducted by those who participated in the Train-the-Trainer sessions for our records as an extension of Durham County's efforts to train more people in Hands Only CPR