

A Regular Meeting/Closed Session of the Durham County Board of Health, held November 13, 2008 with the following members present:  
William H. Burch, R.Ph, Robin Blanton, PE, Ronald Spain, DDS, Lewis Cheek, Esq., Sue McLaurin, M.Ed., PT, John T. Daniel, Jr., MD, Nicholas A. Tise, MPH, Michael L. Case, and William T. Small, MSPH.  
Excused Absence: Sandra Peele, RN, and James M. Miller, DVM.  
  
Guests attending: Mike Ruffin, County Manager, Carolyn P. Titus, Deputy County Manager, Lowell Siler, Deputy County Attorney, and Marqueta Welton, Director of Human Resources.

**CALL TO ORDER.** Mr. Burch, Chairman, called the meeting to order with a quorum present.

**REVISIONS TO THE AGENDA.** Dr. Arlene Sena, Medical Director, will present a summary to the Board regarding Federal Wide Assurance for Institutions.

The Chairman asked that the revision be moved to Item #5.

**APPROVAL OF MINUTES.** Mr. Robin Blanton made a motion to approve the minutes of September 11, 2008. Dr. Spain seconded the motion and the motion was approved.

Mr. Burch, Chairman, recognized Mr. Lewis Cheek, County Commissioner, and Mr. Robin Blanton, Professional Engineer, who are rotating off the Board. The Chairman thanked both members and presented each with a plaque in appreciation for their dedication to Durham County public health.

Both Mr. Cheek and Mr. Blanton thanked the Board and the Administration for their hard work.

On behalf of the Department staff, Ms. Harris thanked both Board members for their contributions and being true advocates for public health.

**APPOINTMENT OF NOMINATING COMMITTEE.** The Chairman appointed Ms. McLaurin, Dr. Spain, and Mr. Tise to serve on this committee.

The Chair of the Nominating Committee will present its recommendations for Chair and Vice Chair to the Board at the meeting on January 8, 2009.

**RATIFY BUDGET AMENDMENTS:** The Acting Health Director recommended formal approval of these items by the Chair and Vice Chair prior to the meeting. The amendments need ratification by the full Board.

- a. Recognize \$38,482 in Aid to County funds from the N.C. Department of Health and Human Services, Division of Public Health, to contract for staff and other services to prepare, box and scan medical records according to the Document Management Project plan.

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- b. Recognize \$15,000 in one-time funds from the N.C. Department of Health and Human Services for the Syphilis Elimination Program in the Division of Health Education. These funds will be used for a media campaign.
- c. Recognize \$5,727 in grant revenue from the N.C. Department of Health and Human Services for the local Healthy Carolinians Initiative, the Partnership for a Healthy Durham. These funds will be used to cover some operating expenses.
- d. Recognize \$20,003 in Temporary Aid to Needy Families (TANF) Out-of-Wedlock Funds from the N.C. Department of Health and Human Services. These funds will be used to purchase contraceptive supplies for the Family Planning Program.
- e. Recognize \$6,245 in additional funding from the N.C. Teenage Prevention Initiative to support Plain Talk, a pregnancy prevention program in the Health Education Division. The FY 08-09 adopted budget included \$68,755 for this program. The Health Department recently received documentation that the award was increased to \$75,000. These additional funds will be allocated for client incentives (\$2,000) and miscellaneous supplies (\$4,245).
- f. Recognize \$13,427 in grant funds from the N.C. Department of Health and Human Services for the Eat Smart, Move More Program in the Health Education Division. These funds will be used to work with selected African American Churches to introduce members to increase fresh vegetable consumption through options involving container and backyard gardening projects. These funds will be used for operational expenses.
- g. Recognize \$11,366 in additional funds from the N.C. Department of Health and Human Services, Division of Public Health. Funds will be used to expand the breast and cervical cancer screening services focusing on women of ethnic minorities who are age-eligible, have low incomes and are uninsured or underinsured.
- h. Recognize \$3,000 in one-time funds from the N.C. Chapter of the March of Dimes. The money will be used to reimburse the Health Department for hospitality expenses (breakfast and lunch) incurred during the community infant mortality awareness conference.

Dr. Spain moved and it was seconded and carried to Ratify Action of the Chair and Vice Chair.

**THE FEDERALWIDE ASSURANCE FOR INSTITUTIONS.**  
[See Revisions to the Agenda] Dr. Sena, Medical Director, provided handouts for the Board and thanked the members for adding this agenda item.

Dr. Sena said an assurance of compliance is a written document submitted by an institution [Health Department] that is engaged in non-exempt human subjects research conducted or supported by the U.S. Department of Health and Human Services (HHS). Through the assurance, it commits to HHS that it will comply with the requirements set forth in the regulations for the protection of human subjects at 45 CFR part 46 [Code of Federal Regulations]. The Federalwide Assurance (FWA) is the only type of new assurance accepted and approved by Office for Human Research Protection (OHRP).

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The Medical Director informed the Board that one of the handouts that have been provided is an example of two types of studies that the Health Department is conducting in the Clinic.

She said one of the studies is a TB Trials Consortium. Duke University Medical Center and the State are actually doing TB clinical trials to improve the management of TB patients. She said with our affiliation with the N.C. Tuberculosis Medical Director, who is also a Duke physician; that the Clinic has assisted them in the past with some other studies.

Dr. Sena said what has prompted us to propose this FWA is that one of the studies is coming this fall. It involves our Health Department nurses to administer study drugs. Because the administration of drugs must be directly observed, that is standard-of-care for TB patients; study drugs would have to be administered by the nurses in our Tuberculosis Clinic and patients no longer referred to the nurses at Duke.

The Medical Director referenced the handout that presented background of Sexually Transmitted Infections (STIs) Clinical Trials. She is a UNC-STI researcher and the studies at UNC currently are a part of National Institutes of Health Clinical Trials Unit network. She has UNC research staff as contracted personnel for the Clinic and Health Department staffs are not currently doing any of these procedures.

Dr. Sena said a reason to consider this FWA is the Department may become more engaged in this type research. The Department could also become affiliated in other federally funded research. She said the handouts will provide the Board with additional information regarding FWA.

Ms. Harris said the request is being brought to the Board today because there have been changes in staffing associated with the TB study. She said the FWA is needed in order for the Health Department to move forward within the next two weeks.

Ms. McLaurin had questions regarding the nurses' time in the study and how this time is offset compared to what their normal program activities. She asked whether there would be compensation for these study activities.

Ms. Pam Weaver, RN, Local Health Administrator for the General Health Services Division responded to Ms. McLaurin. She said it would not create additional work but would only involve the use of a different medication administered [directly observed therapy] under this trial.

Mr. Tise wanted to know the difference between this FWA and what is already being done under the normal Institutional Review Board (IRB).

Dr. Sena responded the FWA would cover our institution and the Department would defer the study protocols to the IRB [Duke-UNC]. The TB study trial samples would be deferred to the CDC's IRB.

Ms. Harris said all staff would have to undergo on-line training to assure that they understand the ethics for working with human subjects.

Dr. Sena said it would not be a complicated application process. She will assist in the process for the Health Department's FWA. She will

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use her colleagues, who have much more experience, as a resource if needed.

Mr. Tise made a motion to make application for the Federalwide Assurance. Ms. McLaurin seconded the motion and it passed with no opposition.

**HUMAN SERVICE COMPLEX UPDATE.** Ms. Harris presented this agenda item.

Demolition of 500 Block of East Main Street (Surface Parking Lot):

The BOCC awarded the contract of the demolition of the 500 Block on Sept. 22, 2008. The demolition work is underway and completion is scheduled for December 2008. The surface parking lot will be located in the 500 Block of East Main Street.

DCHSC Building:

The legal advertisement for the solicitation of bids from the four (4) prequalified contractors for the construction of this complex was placed in the Newspaper on Sunday, November 9, 2008. The names of the prequalified contractors are noted below:

1. Archer Western Contractors
2. New Atlantic Contracting Company
3. Skanska USA Building, Inc.
4. Barnhill Contracting Company

Following is a brief schedule for the bidding process:

- o Bid Number: IFB #09-015
- o Advertisement: November 9, 2008
- o Pre-bid Conference: November 20, 2008
- o Bid Due/Opening Date: January 8, 2009 @ 2:00 P.M.

The award of the construction contract by BOCC will probably occur in January or February 2009. The schedule for project completion is December 2011 and project closeout is July 2012.

Other Activities:

- Efforts by the Durham County Finance and Budget Departments to secure all the necessary funding required for successfully completing this project are progressing.
- Approval for Streets and Alleys Closing within the 500 Block has been secured.

**HEALTH DIRECTOR'S REPORT – November 2008**

**ADMINISTRATION**

**Document Management Project**

On October 1, 2008, the Department launched its "Document Management in DCHD" newsletter. The newsletter will inform staff on the Department's effort to move towards an electronic (paperless) environment. The Project Team worked with staff to understand workflows. The team focused on document integration, storage, capture, retrieval, distribution and security.

Files that must be kept according to the N.C. Records Retention Schedule are listed on a log sheet, boxed, and sent off-site to be scanned, and

converted into Laser fiche files. This process will continue until all files in the department (that must be kept) are scanned and converted into Laser fiche files. Laser fiche has been installed and all staff members in Central Intake registration, Medical Records, and Family Planning are trained to use the software. Two scanners are located in Central Intake and Medical Records.

#### **Electronic Medical Records**

Electronic Medical Records (EMR) software is successfully operating in the Family Planning Clinic. We are currently working on converting the STD Clinic.

#### **United Way**

The Department ran a successful United Way Campaign. Public Health's United Way donations totaled \$12,442.10.

### **COMMUNITY HEALTH DIVISION**

#### **Women's Health**

- Family Planning Clinic staff has resumed the use of electronic medical records (EMR). The use of EMR was suspended last year because of some questions about security. These questions were cleared up and additional training was done. Using EMR still takes a little more time, as opposed to the use of paper records, but staff is speeding up.
- Although the 11% nurse practitioner position in Family Planning Clinic has not been filled, with Marva Price working 4 to 8 hours a week, Anne McKnight, FNP, and Wanda Thompson, WHNP, more patients are seen each day and the number of exams performed has remained relatively stable.
- Baby Love staff has taken advantage of a number of trainings and educational sessions to better serve clients. These include adoption planning, DSS applications, GED options, and breast feeding.
- The bilingual Maternal Care Coordinator and Maternal Outreach Worker serve on various committees and task forces that provide services to Latinas such as Latino Maternal and Child Services (with N. C. Healthy Start) and WEST taskforce (Working to Empower Spanish-speaking people in the Triangle).
- There were 938 Maternity Clinic visits in September and 1,063 visits in October.
- A new Centering Pregnancy group began October 21. This is an innovative way of providing prenatal services in a group setting. This promotes mutual support among the participants, and studies show good pregnancy outcomes.

#### **Child Health**

- The bilingual Health Check Coordinator position that is being funded by the Duke Division of Community Health was filled by Tania Jaimes on September 8.
- Norma Hodge, the Lead Nurse Consultant, is now providing case management services to 50 children. Her caseload has at times been over 60.
- Two UNC social work students are working with Strong Couples/Strong Children in an attempt to recruit more couples to the program. The female partners are often interested in the program,

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but it is sometimes difficult to get the commitment of the male partners.

- The Neighborhood Nurse and outreach worker have already started to find families who will be need of assistance from DSS and local charities for the holidays. They will be helping these families to access available resources.
- The Neighborhood Nurse and Outreach Worker participated in lead screening and HIV testing in their neighborhoods during October.
- Marsha Edwards and Dana Villallas began as PHN II's in the Durham Connects program on October 20.
- Durham Connects is being well received by moms in the community and some are actually calling to find out if they are eligible for a home visit.
- Several newspaper articles have been done about Durham Connects in local English language and Spanish language newspapers.
- Myra Sample Johnson was hired as a PHN II in the CSC program on October 20. Several years ago, she had worked for the Health Department in Child Health.
- Several members of the CSC team participated in the El Centro Latino Health Fair on September 27.

**Home Health**

- The Visiting Nurse Service of Durham is preparing to upgrade the home health patient and billing software. The software upgrade will allow for several new features and will include 100% data conversion in 60 minutes and easy billing process with upgraded and integration transmissions. A "Go live" target date is planned for January 2009.

**School Health**

- School Health nurses, in collaboration with the DCHD Immunization Clinic and Durham Public Schools (DPS), organized immunization clinics in each DPS middle school to provide one booster dose of Tdap (tetanus/diphtheria/pertussis) vaccine for 6<sup>th</sup> graders assessed to be in need of the vaccine. School Health nurses have administered 545 vaccines since September 2008.
- The System of Care School Nurse will join the Durham System of Care Cross Agency Coach pool to facilitate the integration of health concerns into Child and Family Teams (CFT). CFTs are utilized by Mental Health providers and the Department of Social Services to address the needs of children and families. Coaches will provide 1:1 support for CFTs using a variety of techniques, including face-to-face, phone calls, emails, observation, facilitation, etc.

**Jail Health:**

- A new law that went into effect last January required that all inmates be screened for significant mental illness. Statistics kept since then have indicated that the percentage of inmates seen for such things as schizophrenia, bipolar disease, and severe depression has not increased, indicating that our previous method of identifying inmates by their report and by behavioral cues was effective. For the first quarter of the FY, 12% were identified at intake to have this level of mental illness. An additional 9% were identified as having a possibility of lower level mental illness. (This second group would typically not have been identified previously). These statistics do not include those who are identified later in their jail stay.

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- Although mental illness is not managed directly under our contract with CCS, there is an impact on medical services. This might come from the obvious need for medication administration (which is handled by CCS staff) or the less obvious impact of numbers of inmates in jail, some of whom have concurrent physical illness.

**ENVIRONMENTAL HEALTH DIVISION**

- Environmental Health Division staff is continuing to work with Custom Data Processing Inc., (CDP) programmers to identify and correct problem areas in the CDP program. This inspection management software system is provided through a contract with CDP. Environmental Health went live with its usage of this system, effective June 3, 2008. Significant improvements dealing with the Water and Waste program were realized toward the end of October. Because this program is a work in progress, challenges and changes are to be expected as we move forward.
- Matthew Yearout and Roberto Diaz, with the Water and Waste section, passed the written exam component of their On-Site Water Protection authorizations in October. Once the State Regional Specialist works with them several days, their authorizations to work independently should be complete. Mr. Yearout and Mr. Diaz began employment with Environmental Health in the end of 2007.
- Mason Gardner filled a position with the Food and Lodging Program in September. Mr. Gardner was employed by Clay County and is a Registered Sanitarian. Durham Environmental Health is fortunate to recruit an individual such as Mr. Gardner who is able to begin inspection duties almost immediately.
- Environmental Health continues to work toward organizing and purging the Water and Waste files of duplicate information in preparation for the document imaging process. Kristi Miller, Environmental Health Specialist, has been working on this project as it nears completion. Once these files are imaged, staff will have electronic access to all records.
- Environmental Health has prepared a newsletter for release later fall. The newsletter contains information about Well Regulation Changes, Food Safety Risks during Storm Related Power Outages, Septic System Maintenance, and Restaurant Inspection Frequency. This newsletter will be included in the General Services mail out in November.
- On October 21, 2008, Robert Brown and Dr. Arlene Sena conducted a meeting to provide guidance for Public Health staff scheduled to carry the 24 hour on call pager. Certain management staff members are scheduled to carry the pager for a one week period two or three times a year. Dr. Sena and Robert Brown reviewed protocols for handling calls related to restaurants, communicable diseases, septic systems and other issues.
- For 2008, Environmental Health has seen more demand for Temporary Food Event permits than in any previous year. Since July, there have been many events in Durham that have included food vendors subject to Inspection by Environmental Health. These include the Eno Festival, Duke football (multiple dates), Shaw football (multiple dates), the Obama rally, Centerfest, the Blues Festival, the Phoenix Festival, Radio One: Unity in the Community Festival, the Beer Festival and Woofstock. The majority of these events occurs in the evenings and on weekends and requires an Environmental Health Specialist's be present. As required by the State, Durham Environmental Health collects a \$50 fee each time a temporary food establishment sets up for operation.

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- Jan Jackson, Lead Program Specialist, successfully completed certification courses for Lead inspector and Risk assessor.
- On October 1, Marc Meyer and Robert Brown participated in an annual event at UNC Chapel Hill entitled “Career Night”. Attending this evening event were fifty plus students and over fifteen professionals. Students are always very interested in learning about potential careers in the sciences and the “path” that established professionals have taken. Mr. Brown and Mr. Meyer spoke to several students each over the two hour program.
- Three staff members, Kristi Miller, Jane Andrews and Jan Jackson attended the Southeast Region FDA conference in Asheville. North Carolina hosts this conference once every eight years. The conference is intended to provide guidance to the eight-state-region on food safety standards and other new initiatives. Each State has an opportunity to present updates from the past year on their experiences.
- Division enforcement activities for the quarter ending in June included:
  - A) **Food, Lodging and Institutional Facilities:**  
 Inspections and complaint visits- **1195**  
 New Permits issued (for permanent establishments) -**26**  
 Permits issued (temporary food stands) - **36**
  - B) **Lead Program;** Site investigations- **0** , Site visits- **2**
  - C) **Well Program:** Construction inspections and consultations- **103**, permits-**24**, water samples- **56**
  - D) **Onsite Wastewater Program:**  
 Site visits- **280**, Improvement Permits- **8**, Lots denied- **9**  
 Operation Permits, Construction Authorizations, Authorization reuse- **45**

**GENERAL HEALTH SERVICES DIVISION**

**BCCCP/Adult Health Screening Program**

- 15 women in September and 16 women in October were screened in the BCCCP Program
- 406 women in September and 422 women in October were screened for domestic violence

**Communicable Disease Screenings**

- 346 persons in September and 375 persons in October were screened in STD Clinic.
- 1,000 persons in September and 1,171 persons in October were screened for HIV. There were 2 positive tests in September and 1 positive test in October.
- 5 refugees from Burma, 6 from Iraq and 4 from the Philippines received initial communicable disease screening and immunizations in September and 2 refugees from Iraq and 2 refugees from Vietnam received initial immunizations in October. Report of Medical Examination and Vaccination Record (I-693) forms were completed for refugees seeking adjustment of status, 5 in September and 1 in October.

**Reportable Diseases (Other than STDs)**

	<u>September</u>	<u>October</u>
• Hepatitis A	1	0
• Hepatitis B, Acute	0	0
• Hepatitis B, Carrier	1	1
• Hepatitis C, Acute	0	0
• Tuberculosis Cases (new)	0	2
• Campylobacter	5	1
• Cryptosporidiosis	0	0

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• Dengue	0	0
• E. Coli 0157:H7	0	0
• Ehrlichiosis	0	0
• Encephalitis	0	0
• Hemolytic Uremic Syndrome	0	0
• Legionellosis	0	0
• Listeriosis	0	1
• Lyme Disease	0	1
• Malaria	0	1
• Meningitis, Pneumococcal	0	0
• Mumps	0	2
• Other Foodborne	0	0
• Pertussis	0	0
• Rabies Inquires	14	9
• Q Fever	0	0
• Rocky Mountain Spotted Fever	2	0
• Salmonellosis	2	7
• Shigella	0	0
• Streptococcal Infection, Group A	0	0

**Outbreaks**

N/A

**Immunizations**

Immunizations given: 846 in September and 1,785 in October

**Pharmacy**

Prescriptions filled: 1,960 in September and 2,208 in October

**Laboratory**

Tests performed: 5,107 in September and 5,821 in October

**Activities of Staff**

- Shirley Stock, RN, attended the Refugee Advisory Council Meeting on September 17, 2008.
- Several staff members attended the Epi Team Meeting on October 2, 2008.
- 13 influenza vaccinations outreaches provided.
- General Health Services Division participated in respiratory fit-testing in October.
- October 28, 2008, Diana Coates, Hattie Wood and Pam Weaver participated in the Local Health Director's Association Resolution/NCEDSS Improvements conference call.
- Administered 1,044 influenza vaccines.
- Investigated 2 probable mumps cases with the index case having recent travel to Pakistan.
- Dr. Seña hosted STD Journal Club to discuss asymptomatic bacterial vaginosis (BV) in women 10-25.
- Information presented by Dr. Seña regarding a UNC research study, sponsored by the National Institutes of Health, involving treatment of asymptomatic BV to prevent STDs, which will recruit women from the STD clinic.
- In-service held by Joanne Kuric, NP, from UNC Acute HIV Care Team to discuss the NC expedited HIV testing process.
- STD clinic staff members, Karen Hicks, FNP, Karen Lau, FNP, and Earline Parker, RN, attended a conference at UNC to receive updates on STD testing.
- Pharmacy staff attended several in-service opportunities hosted by the Early Intervention Clinic in October 2008.

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- Conni Covington attended the North Carolina Association of Pharmacist Meeting on October 27, 2008.
- Maria Velaz-Faircloth, PA, participated in Nuestra Fiesta de la Salud 2008 in September.
- The BCCCP Program in collaboration with El Centro Hispano held an educational outreach activity on October 23, 2008 at Lincoln Community Health Center.
- TB staff attended a luncheon meeting with Duke TB Consortium to discuss new TB study on September 10, 2008.
- Earline Parker, RN attended “Bad Bug’s Workshop” in Chapel Hill at the Friday Center on September 12, 2008.
- Nan Dietrich, RN, attended second part of NCEDSS training for TB.
- Earline Parker attended the TB/RD Institute on October 29- 31, 2008 at Carolina Beach.

## **NUTRITION DIVISION**

### **Staffing Issues**

- Continued vacancies are comprised of a prenatal nutritionist for high-risk OB clinic, health promotion nutritionist and two elementary school nutritionists in the DINE for LIFE program.

### **Clinical Nutrition Section**

#### **Child Wellness—Medical Nutrition Therapy (MNT)**

- Received 35 new referrals for MNT. Of these referrals, 49% are for childhood overweight and obesity; 29% are for infants and children with special needs including prematurity, congenital abnormalities and developmental delays.
- Provided 54 MNT services to children.
- Provided 74 consultations to caregivers and providers regarding patient care.
- Provided 51 general consultations to public inquiries about nutrition.
- Attended meetings of the local Interagency Coordinating Council, Durham’s Children Developmental Services Agency, and Child Service Coordination Program for program planning, networking and service delivery coordination.
- Conducted training session on nutrition management for children with Type 1 and Type 2 Diabetes for 27 Durham Public Schools staff. The session is part of the training for compliance of Senate Bill 911 which is about the care of school children with diabetes.

#### **Infant Mortality Prevention—Medical Nutrition Therapy (MNT)**

- Provided 46 MNT services to pre-conceptional women, high-risk, pregnant women or families with high-risk infants.
- Provided 43 consultations to caregivers and providers regarding patient care.
- Participated in subcommittee meetings for the Durham Breastfeeding Education and Support Team (B.E.S.T.) for Babies Alliance, a community-based participatory research project focusing on breastfeeding among African-American women in Durham County.

#### **Adult Health Promotion—Medical Nutrition Therapy (MNT)**

- Received 19 new referrals for MNT.
- Provided 18 MNT services to adults.
- Provided 71 consultations to health care providers and clients regarding patient care and/or responses to public inquiries about nutrition.
- Attended two in-service presentations for the Early Intervention Clinic on HIV/AIDS on new medications and nutrition care in HIV Disease.

### **Child Care Nutrition Consultation**

- Continued recruitment of new centers, to date; 21 facilities have committed to the program.
- Provided 57 consultations relating to early childhood nutrition for child care center and home day care staff and parents/guardians of children attending centers.
- Conducted 20 nutrition education programs, reaching 47 participants.
- Distributed approximately 1400 educational handouts on nutrition for young children 0-5 years of age to parents of children attending child care facilities participating in the child care nutrition consultation project.
- Provided 4 informational “Ask the Dietitian” sessions on child nutrition to parents.
- The Child Care Nutrition Consultation Project was featured in “Voices for Young Children,” the quarterly electronic newsletter for Durham’s Partnership for Children, and also in their 2007-2008 Annual Report.
- Taught Color Me Healthy nutrition and physical activity teaching kit to child care center staff in collaboration with Health Educators and Cooperative Extension.
- Submitted annual training topics plan to North Carolina Division of Child Development.
- Presented an educational session at Child Care Services Association meeting.
- Provided in-service to nutrition staff regarding professional updates in beverage recommendations and new educational tools.
- Finalized the project’s logic model/evaluation framework for Durham’s Partnership for Children.
- Submitted 1<sup>st</sup> Quarter report to Durham’s Partnership for Children.
- Attended Bidder’s Conference meeting at Durham’s Partnership for Children to begin planning the new project proposal for fiscal years 2009-2011.
- Some positive comments received from participants of the project:
  - \*“The parents really love the nutrition handouts, and I have really benefitted from them too!”
  - \*“I learned about the different seasonal fruits and vegetables that I can offer on my menu.”
  - \*“I realized that I need to be open minded about new foods and be a role model for the kids by trying new foods and eating meals with the children.”
  - \*“I will use the Division of Responsibility as my guideline for feeding kids.”
  - \*“I will spend more time with my daughter and exercise with her too.”
  - \*“Healthy is not about the size but about the health practices.”
  - \*“I will have the children wash their hands both before and after eating from now on, and I will sanitize the eating table.”
  - \*“I learned that I need to eat 5-9 servings of fruits and veggies a day.”
  - \*“I learned that parents have trouble identifying overweight in their children and I can help them understand the risk factors of obesity.”

### **Continuing Education**

- Caring for Babies, Supporting Families, 18<sup>th</sup> Annual Art of Breastfeeding Conference, sponsored by the University of North Carolina School of Nursing and Wake AHEC.
- New Approaches to State Surveillance of Children’s BMI, teleconference sponsored by the U.S. Department of Health and Human Services.
- Stress, Burnout, and Fatigue workshop.
- The Life Course Health Development Model teleconference.

**Nutrition Communications and Health Promotion Section  
Health Promotion Community Outreach**

- Presented nutrition health promotion programs to 107 Durham residents in 10 programs at healthcare centers, churches, schools, and community programs.
- Reached 574 adults and 28 children with nutrition information at 4 health fairs.

**County Employee Worksite Wellness**

- Reached 122 County employees with nutrition education in two Eat Smart Move More Weigh Less classes and the County Human Resources Department Be Well Expo.

**Healthy Smiles Healthy Kids (HSHK) Dental Nutrition Program**

- Conducted 14 workshops reaching 90 caregivers and 2 pregnant women.
- Participated in planning the upcoming infant mortality reduction conference.
- Attended Durham's Partnership for Children Bidder's Conference to obtain information necessary for new grant application to support the program.
- Prepared the nutrition section of the HSHK annual report for Kate B. Reynolds Trust grant.
- Provided dental nutrition in-service education and children's activities to nine child care centers.
- Reached 80 caregivers, 20 children, and 15 health professionals with dental nutrition information at two health/information fairs.
- Established partnership with WIC to teach infant feeding classes related to dental health to WIC participants twice a month, starting in January.
- Established partnership with Walltown Neighborhood Clinic to pilot nutrition classes to clinic patients twice a month starting in November.
- Provided information on HSHK to seven health professionals at a Child Service Coordination meeting.

**Media Contacts**

- Represented Division in presentation and follow-up meetings regarding Channel 22's Fit Kids Campaign.
- Submitted article to County Newswire about USDA Power Panther mascot visiting a local child care facility to encourage children to "Eat Smart, Play Hard."

**Student Internship Placement**

- Oriented and continue to precept two UNC-CH dietetic interns.
- Participated in dietetic intern meeting for dietetics program at NC Central University.

**Other**

- Participated in activities for the Obesity and Chronic Illness Committee including serving on the writing committee for a Duke community planning grant and conducting focus groups on fruit and vegetable consumption to Latina women.
- Facilitated Departmental Epi Team meeting.
- Conducted interview to assess Spanish speaking skills of a nutrition position applicant.

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### **Community Nutrition Section**

#### **DINE for Life Elementary/Middle Schools**

- Adolescent nutritionist position was filled October 6.
- Two full-time elementary nutritionist positions remain vacant due to pending compensation study for Nutrition Division.
- Results of pre-and post-intervention screenings of elementary school students during 2007-2008 yielded the following positive outcomes:
  - \*Elementary school students' knowledge improved by 40% (milk), 32% (whole grains) and 31% (physical activity) over pre-screen levels.
  - \*Students over all chose more low fat and skim milk after nutrition classes.
  - \*Skim milk chosen 13% more at school and 5% more at home.
  - \*Whole milk consumption reported to have decreased at home by more than 7%.
  - \*When asked to identify food groups, students improved all their answers an average of 23%. Meat and beans improved the most (27%) and fruit improved the least (16%). Note that fruit had the highest percentage of correct answers for pre-screen and as such the number is smaller, even though it improved.
  - \*Students showed a 21% -28% in improvement in knowledge on the meat and beans lesson over pre-screen levels.
- Target classroom teachers noted evidence of behavior changes in elementary students based on DINE educational interventions:
  - \*61% increase in consumption of low fat dairy
  - \*64% increase in physical activity
  - \*78% improvement in hand washing
  - \*75% increase in willingness to try new foods
  - \*98 % increase awareness of what is healthy or not.
- Completed pre-intervention screenings in target classrooms during September and October prior to teaching nutrition lessons in target classrooms on My-Pyramid.
- Continued the "Healthy Habits Adventure" promotion in target schools with a series of topics posted on bulletin boards and educational activities integrated in classes already occurring in the schools, such as art, music, physical education, technology and media. The monthly topics often parallel the nutrition lessons traditionally taught in target classrooms.

#### **DINE for LIFE Community**

- Alive! Newsletter survey cards returned by food stamp households yielded the following:
  - \*92% of respondents were pleased with the newsletter
  - \*42% of respondents indicated positive nutrition/physical activity changes had been made
  - \*52% of respondents reported trying recipes provided
  - \*64% of respondents said "Eating Healthy on a Budget" was an important topic for them.
- A sample of the answers to the question, "What changes have you made as a result of Alive!"
  - \*Spending less and seeing changes in family health
  - \*I walk 3 miles, 2 times a week
  - \*More fruits and vegetables, better planning
  - \*Eating more vegetables and fruit, and less meat-less expensive!
  - \*Eating more vegetables and fruits
  - \*I stopped watching too much television and started walking
  - \*I enjoy more fruits and vegetables, less junk food, and started to work out.
  - \*Knowing what vegetables are in season, I eat more vegetables
  - \*Shopping and planning better.

- **Results of “follow-up phone survey” of Alive! respondents :**
  - \*Over all, people are satisfied with the Alive! newsletter. The greatest change they would like to see is more recipes, with pictures if possible. A variety of types of recipes were mentioned, with the greatest number of participants wanting to learn about cooking for people with Type II Diabetes (n=3) and cooking on a budget (low cost recipes n=11).
  - \*Article topics that participants were interested in reading about include heart health, healthy snacking, healthy beverages, and eating on a budget including shopping for low cost healthy alternatives and learning how to plan healthy menus.
- Community nutritionist completed the final in a series of six workshops in the Operation Frontline Kids Up Front series, a collaborative venture with the Inter-Faith Food Shuttle. Topics included healthy snacks and physical activity and featured a cooking demo: Children took home their completed workbook with all the recipes made during the 6 week series, and completed an evaluation survey. The Inter-Faith Food Shuttle provided the food.
- Community nutritionist coordinated and ran a “Nutrition Day” at Leap of Faith Child Care Center during the center’s wellness week with a visit from USDA’s Eat Smart Move More mascot – Power Panther. Power Panther was welcomed by the children who received advice on healthy eating and physical activity. Parents received a Power Panther snack handout, and children received a worksheet and taste test of carrots, broccoli and cauliflower with low fat dip, apples with yogurt and Cheerios. Food provided by NAP SACC program.
- Lakewood Elementary, school and community nutritionists, Duke University Retirees Organization volunteers and the Inter-Faith Food Shuttle collaborated to provide three in a planned series of four culinary/nutrition workshops in the Operation Frontline series “Side by Side” in which parents are paired with a child and participate in nutrition education and food preparation activities. Eleven parent/child pairs were chosen out of a group of more than 50 families who signed up. Parent/child pairs prepare the main meal while other children/family members contribute to simple meal tasks while learning about nutrition. Ultimately all sit down to a family meal, and families take home a sack of groceries provided by the Inter-Faith Food Shuttle.
- The Health Department, in collaboration with Inter-Faith Food Shuttle, Operation Frontline, and Seeds Community Gardens, provide an 8-week workshop series that incorporates gardening, cooking, and nutrition. Eight families have signed up for the workshops, which consist of 4 gardening workshops followed by 4 nutrition/culinary workshops, and are held at the TA Grady Community Center in a low-income housing development.

#### **Success Stories/Program Impact**

- Over 50 families signed up for the culinary/nutrition workshops where children and their parents learn about nutrition and cook a meal together! Only 11 families could be accepted, due to space and monetary constraints.
- Culinary/nutrition workshop participants were asked if they made any changes since participation in the series:
  - \*One mother stated that she has made a conscious effort to serve smaller portions of meat and make her meals more balanced.
  - \*Another mother explained that she was excited to learn how to cook nutritionally balanced meals, because her husband is battling diabetes. She asked if there were any places in Durham where she could take additional cooking classes after this series was complete.

\*As participants were leaving at the end of a workshop, many said, "See you next week!" It is nice to be part of such a well received program.

#### **DENTAL DIVISION**

- Fariba Mostaghimi, Dental Hygienist, was a presenter at the 2008 Annual Meeting of the NC Public Health Assoc Tabletop Clinic. Her project entitled "Parental Knowledge, Attitudes and Beliefs about Baby Bottle Syndrome: A study of Pre-School Children in Durham, NC" was done to complete her thesis for the MPH Degree she received in August 2008 from the Department of Public Health in the Brody School of Medicine at East Carolina University.
- Dr. Sarah Tomlinson attended a Statewide Program for Infection Control and Epidemiology (SPICE) for dental offices in August and provides an in-service training for all dental clinic staff during a portion of the September dental staff meeting.
- Maribel Cuartas, a Dental Assistant, successfully completed the clinical portion of the Dental Radiography course (completed the written part in July) and received a certificate of completion for the 7 hours training required by the NC Board of Dental Examiners to take dental radiographs.
- Oscar Garcia, Spanish Interpreter, attended and received a certificate of completion for an interactive workshop for bilingual people who provide interpreter services in health and human services and other community settings.
- One of the Dental Division DAIIs, Kesia Mims, attended and provided a presentation to our dental staff on a UNC School of Dentistry seminar on "Incorporating an Infant and Early Childhood Dental Program into Practice". The objective of this seminar was to familiarize participants with recent innovative efforts to address Early Childhood Caries and the new Baby Oral Health Program (BOHP) to assist with early childhood oral health programs.
- A seminar on the use and application of fluoride varnish as an alternative to traditional fluoride treatment for children and adolescents was voluntarily provided for the dental staff by Dr. William Vann, Distinguished Professor of Pediatric Dentistry, and Department of Pediatric Dentistry at University of North Carolina. Dr. Vann also supervises dental students from the UNC School of Dentistry who have dental clinical rotations here at DCHD.
- The Dental Hygienist II position with the dental clinic HSHK program was filled with the hiring of Michelle Bierman. Michelle comes to us with 5+ years of experience in dental hygiene in private practices that provide dental care for children and public health experience obtained during clinical rotations while obtaining her training in dental hygiene.
- Dr. Elizabeth Shick, a Board certified Pedodontist, is providing dental services for children here on a contractual basis, as well as, providing supervision for the UNC Pedodontic residents on rotation here and substituting when needed to supervise the UNC dental students. She has been a tremendous help with providing dental services for children in the HSHK program with early childhood caries.
- Pam Thompson, Dental Assistant, participated in the Homeless Connect Health Fair on September 25. She provided assistance for 2 dentists who provided dental care for patients on the Baptist Men's mobile dental van at the Durham Bulls Stadium.
- Fariba Mostaghimi, Dental Hygienist, provided periodontal services for pregnant women in addition to providing dental health presentations at several daycare centers, assisting with the DPS K and Fifth grades dental screening, and providing prophies and sealants for children on the dental van, and prophies and fluoride varnish for

children 0 to 5 years-of-age who are participants in the HSHK program 1 day per week.

- Dental screening was provided for DPS children in K and Fifth grades by the dental van staff during September and October. The staff then completed dental treatment for children on the urgent list at Holt Elementary School.
- Dental screening for children in the Head Start program was provided by the dental van and dental clinic staff in September to aid Operation Breakthrough in meeting annual federal guidelines.
- Dr. McIntosh and other DCHD Division Directors met with a delegation of Public Health officials from Taiwan. Dr. McIntosh described dental services provided by the DCHD.
- Other meetings attended by staff in the Dental Division: Dental Van Committee, On-Call pager, Board of Health, Leadership Team, Dental Staff, and the Durham-Orange Dental Society.

### **HEALTH EDUCATION DIVISION**

- Selena Monk, Monica Johnson, Kevina Henry, Randy Rogers, and Mary DeCoster collaborated with CAARE, Inc. and Project STYLE to provide HIV and syphilis testing at the Latino Health Fiesta on September 27, 2008. There were 95 individuals tested. There was one reactive syphilis case from this event.
- Selena Monk, Monica Johnson, Kevina Henry, Randy Rogers, and Tim Moore collaborated with NCCU's Student Health and Project STYLE to provide syphilis and HIV testing on October 30, 2008. There were 123 tested for HIV and 127 tested for syphilis. There were 40 individuals who reported never receiving an HIV test prior to this event.
- Monica Johnson, Kevina Henry, Tim Moore, Randy Rogers, Selena Monk and Tekola Fisseha organized and provided HIV and syphilis testing for 17 individuals at Project Homeless Connect at the Durham Bulls Park, on September 25.
- Tekola Fisseha and Mary DeCoster were part of the planning committee for the CDC sponsored forum for Pastors and faith leaders held September 22 at the Sheraton Imperial Hotel and Conference Center in Durham. One hundred- seventy persons attended the event entitled "Breaking the Silence: A Faith Forum on HIV/AIDS in the African American Community.
- An Infant Mortality Awareness raising conference: "Saving Babies and Strengthening Families" will be held November 8 at the Orange Grove Missionary Baptist Church.
- Health Promotion & Wellness has received three grants: Eat Smart Move More (\$13,427), Diabetes Today (\$3,400) and Project Direct (\$2,000).
- Joanie Ross participated in numerous community domestic violence events which included a community forum featuring Mildred Muhammed, wife of the "DC Sniper", a display in several locations "Empty Shoes" and "Empty place at the Table" which was also featured at two faith-based sites in Durham.
- The Lead Education and Assessment Program (LEAP) celebrated "National Lead Week" in the community with displays and several community events. During the month of October, more than 300 children between 6 months and 6 years-of-age were tested for lead poisoning.
- Willa Robinson Allen, Jannah Bierens and three community members were invited to represent Durham as a team for the 2008 Project Direct Academy. As a result, the team will plan events focusing on diabetes during the months of January-March for the Durham community.
- "Pull the Plug Durham"

The month of October was *National Let's Talk Month*. Let's Talk Month is a national public education campaign celebrated in October and coordinated by Advocates for Youth. Let's Talk Month is an opportunity for community agencies, religious institutions, businesses, schools, media, parent groups and health providers to plan programs and activities which encourage parent/child communication about sexuality. The Durham County Commissioners proclaimed the week of October 19-25, 2008 as "Pull the Plug Durham-Creating Time for Quality Parent-Child Communication." This year the Durham Coalition on Adolescent Pregnancy Prevention (DCAPP) sponsored *Pull the Plug Durham* (PPD) week to bring heightened attention throughout the Durham community of the vital role the media plays in young people's lives and to encourage media literacy. We asked that families use less media, increase time for communication and for adults to be an "askable" parent, a caring parent, and a wise counselor.

**ACTING PUBLIC HEALTH DIRECTOR REPORT.** Ms. Harris provided the Board a brief update in addition to the regular report.

- Accreditation is on schedule for 2012. This is a laborious process including Strategic Planning with the Board engaged.
- She will attend the Orientation on Tuesday [11-18-08] for new Board of County Commissioner.

#### Major Issues Currently Facing Department

1. Challenges to Service Delivery
  - Increasing Spanish-speaking client base;
  - Increasing complexity of tuberculosis management;
  - Increasing legal actions taken due to issues related to communicable disease control and treatment noncompliance
  - Increasing need for prenatal visits in the OB Clinic (annual increases range from – 12%)
  - Increasing number of postpartum visits in the Family Planning Clinic
  - Limited clinic space
  - Increasing ADP in the jail and complexity of the health care needs of the inmates and the financial impact
2. Transitioning to a paperless environment
  - Implementing several technological initiatives
    - Document management
    - Electronic medical records
      - Insight modules
      - Dentrix including digital radiography
      - Barnstorm
    - CDP, a web-based Environmental Health application
    - NC Electronic Disease Surveillance System
  - Related challenges
    - Employee training
    - Customizing modules for various programs
    - Ongoing productivity
3. Staffing
  - Recruitment and retention of nurses and nutritionists
  - Classification and compensation of clerical positions needed in the current and future workplace
4. Preparing for accreditation by the NC Local Health Department Accreditation Board
5. Continuing to form partnerships to improve the health outcomes

18 A Regular Meeting/Closed Session of the Durham County Board of Health, held November 13, 2008.

Key Emerging Issues for FY 09-10

The issues identified above will continue during FY 09-10. Emerging issues include:

1. Continuing services during construction of new Human Services Building while exciting will also be challenging (i.e., parking and building access);
2. Transitioning de-funded program activities if continued funding is not available; and
3. Finding new partners to address health priorities in an effort to successfully improve outcomes.

Ms. Harris reminded the Board of the invitation to the Department Holiday Luncheon scheduled on December 4, 2008 at the Army National Guard Armory on Stadium Drive.

**CLOSED SESSION.** Mr. Lewis Cheek made a motion that the Board move from a Regular meeting [NCGS 143-318.11 (c) into Closed Session [NCGS 143-318.11(a)(6) to discuss a personnel matter. Motion was seconded and carried.

Following the Closed Session, a motion was made to reconvene the Regular Meeting. The motion was seconded and approved with no opposition.

**ACTION.** Mr. Blanton made a motion to approve Gayle B. Harris receive a 10% salary increase retroactive to October 9, 2008, as she serves as the Health Director in an interim capacity. Mr. Cheek seconded the motion and motion carried.

Mr. Cheek made a motion to adjourn. The motion was seconded by Mr. Blanton and passed with no opposition.

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William H. Burch, R.Ph.  
Chairman

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Gayle B. Harris, MPH  
Acting Health Director